

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092823\
 Data File : VX037954.D
 Acq On : 28 Sep 2023 16:35
 Operator : JC/MD
 Sample : VX0928WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0928WBSD02

Quant Time: Sep 29 05:47:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/29/2023
 Supervised By : Semsettin Yesilyurt 09/29/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	217121	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	345934	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	330889	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	187747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	139849	49.024	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.040%		
35) Dibromofluoromethane	5.385	113	121004	52.277	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.560%		
50) Toluene-d8	8.647	98	439186	51.066	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.140%		
62) 4-Bromofluorobenzene	11.079	95	170572	54.579	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	109.160%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	37720	16.482	ug/l	100
3) Chloromethane	1.300	50	39825	15.994	ug/l	96
4) Vinyl Chloride	1.374	62	45270	16.852	ug/l	99
5) Bromomethane	1.605	94	36304	18.878	ug/l	97
6) Chloroethane	1.684	64	30508	16.485	ug/l	95
7) Trichlorofluoromethane	1.892	101	82748	19.160	ug/l	97
8) Diethyl Ether	2.130	74	31462	18.804	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.331	101	42919	19.582	ug/l	96
10) Methyl Iodide	2.453	142	50251	17.325	ug/l	92
11) Tert butyl alcohol	2.953	59	55576	90.764	ug/l	# 92
12) 1,1-Dichloroethene	2.318	96	38457	18.156	ug/l	86
13) Acrolein	2.233	56	58662	96.977	ug/l	99
14) Allyl chloride	2.666	41	60323	17.099	ug/l	96
15) Acrylonitrile	3.062	53	127862	93.920	ug/l	99
16) Acetone	2.373	43	111782	81.456	ug/l	# 87
17) Carbon Disulfide	2.514	76	77198	14.536	ug/l	98
18) Methyl Acetate	2.703	43	94007	18.990	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	149331	19.165	ug/l	100
20) Methylene Chloride	2.788	84	49183	19.370	ug/l	# 88
21) trans-1,2-Dichloroethene	3.093	96	43674	18.568	ug/l	90
22) Diisopropyl ether	3.757	45	140924	19.177	ug/l	# 97
23) Vinyl Acetate	3.721	43	501490	92.778	ug/l	97
24) 1,1-Dichloroethane	3.611	63	81701	18.553	ug/l	99
25) 2-Butanone	4.556	43	170635	88.114	ug/l	90
26) 2,2-Dichloropropane	4.477	77	63473	17.839	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	54981	19.067	ug/l	89
28) Bromochloromethane	4.897	49	36361	17.700	ug/l	# 77
29) Tetrahydrofuran	5.007	42	105381	87.485	ug/l	# 86
30) Chloroform	5.092	83	91303	19.247	ug/l	99
31) Cyclohexane	5.470	56	63618	17.375	ug/l	90
32) 1,1,1-Trichloroethane	5.385	97	77004	19.171	ug/l	98
36) 1,1-Dichloropropene	5.690	75	61879	19.407	ug/l	96
37) Ethyl Acetate	4.708	43	65833	18.781	ug/l	96
38) Carbon Tetrachloride	5.678	117	65093	19.511	ug/l	98
39) Methylcyclohexane	7.379	83	76068	18.797	ug/l	90
40) Benzene	6.037	78	189538	19.330	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	34321	19.202	ug/l #	87
42) 1,2-Dichloroethane	6.086	62	71615	20.208	ug/l	96
43) Isopropyl Acetate	6.342	43	106238	18.954	ug/l #	95
44) Trichloroethene	7.129	130	52201	19.117	ug/l	95
45) 1,2-Dichloropropane	7.433	63	50039	19.651	ug/l	100
46) Dibromomethane	7.580	93	36751	20.064	ug/l	90
47) Bromodichloromethane	7.824	83	68701	20.365	ug/l	100
48) Methyl methacrylate	7.696	41	50166	18.722	ug/l #	85
49) 1,4-Dioxane	7.659	88	27078	385.472	ug/l #	88
51) 4-Methyl-2-Pentanone	8.573	43	348076	97.878	ug/l	95
52) Toluene	8.720	92	124761	19.743	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	69819	19.793	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	76840	19.683	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	55503	20.832	ug/l	96
56) Ethyl methacrylate	9.116	69	78991	19.860	ug/l	90
57) 1,3-Dichloropropane	9.311	76	87992	20.409	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	162769	87.639	ug/l	97
59) 2-Hexanone	9.427	43	265200	95.779	ug/l	94
60) Dibromochloromethane	9.518	129	53964	20.332	ug/l	100
61) 1,2-Dibromoethane	9.610	107	57979	20.554	ug/l	99
64) Tetrachloroethene	9.275	164	43636	19.337	ug/l	98
65) Chlorobenzene	10.079	112	142007	19.896	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	50935	20.138	ug/l	98
67) Ethyl Benzene	10.195	91	250413	20.237	ug/l	99
68) m/p-Xylenes	10.299	106	192883	40.339	ug/l	98
69) o-Xylene	10.640	106	95797	19.979	ug/l	97
70) Styrene	10.652	104	159421	20.710	ug/l	95
71) Bromoform	10.799	173	38798	19.418	ug/l #	99
73) Isopropylbenzene	10.963	105	252678	18.344	ug/l	98
74) N-amyl acetate	10.841	43	96126	17.232	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	88719	18.314	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	77662m	17.885	ug/l	
77) Bromobenzene	11.201	156	65285	19.149	ug/l	87
78) n-propylbenzene	11.305	91	301921	19.409	ug/l	99
79) 2-Chlorotoluene	11.366	91	177037	18.458	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	221286	19.024	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	21568	15.911	ug/l	94
82) 4-Chlorotoluene	11.457	91	206492	19.123	ug/l	95
83) tert-Butylbenzene	11.713	119	217777	18.524	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	220739	19.073	ug/l	98
85) sec-Butylbenzene	11.890	105	279983	19.630	ug/l	99
86) p-Isopropyltoluene	12.006	119	236297	19.885	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	126200	19.858	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	129738	19.950	ug/l	99
89) n-Butylbenzene	12.335	91	217882	20.930	ug/l	97
90) Hexachloroethane	12.536	117	36634	18.195	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	126001	19.419	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17350	17.968	ug/l	76
93) 1,2,4-Trichlorobenzene	13.585	180	85076	22.259	ug/l	98
94) Hexachlorobutadiene	13.725	225	37420	20.965	ug/l	99
95) Naphthalene	13.774	128	262850	20.335	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	84000	21.356	ug/l	98

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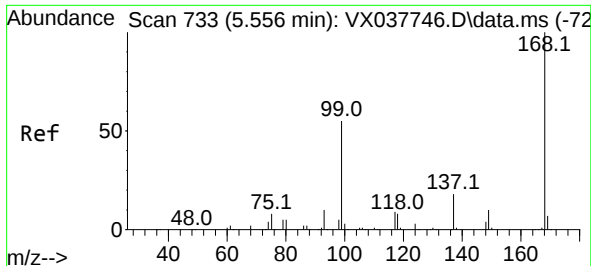
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
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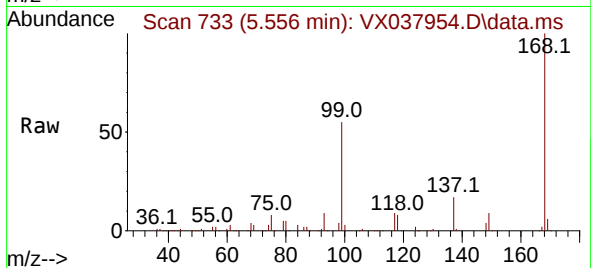
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.006 min
Lab File: VX037954.D
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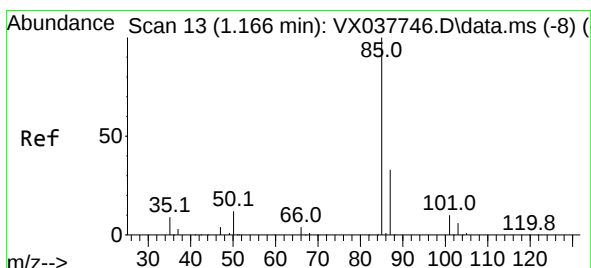
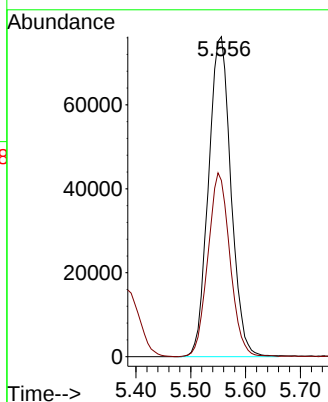
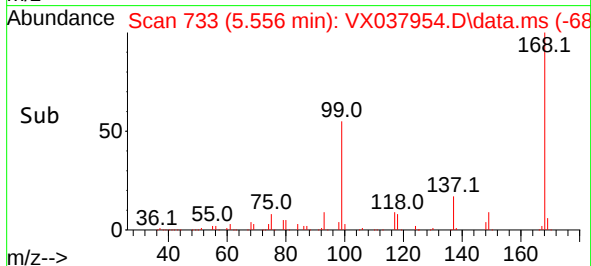
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD02



Tgt Ion:168 Resp: 21712
Ion Ratio Lower Upper
168 100
99 55.1 56.6 85.0

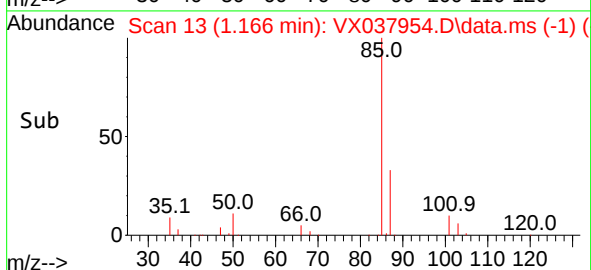
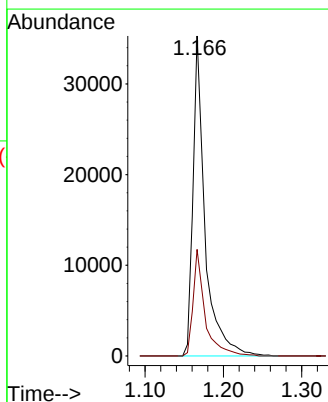
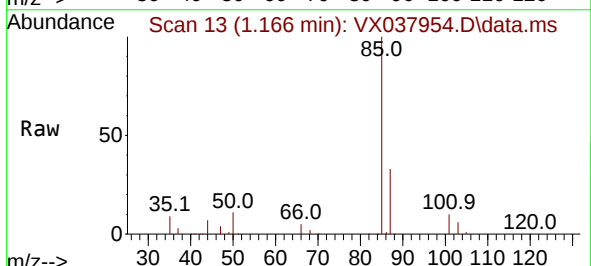
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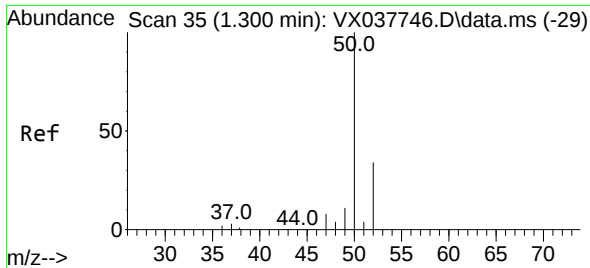
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#2
Dichlorodifluoromethane
Concen: 16.482 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35

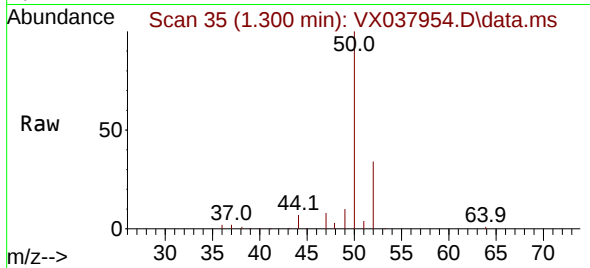
Tgt Ion: 85 Resp: 37720
Ion Ratio Lower Upper
85 100
87 33.3 16.7 50.1





#3
Chloromethane
Concen: 15.994 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35

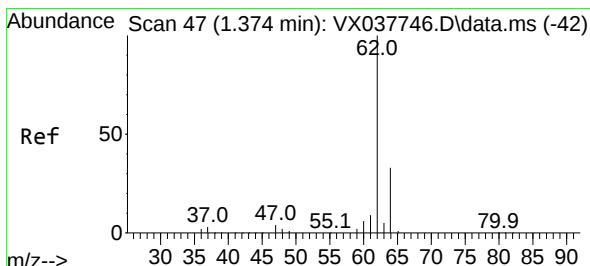
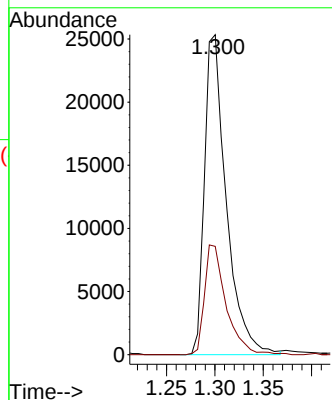
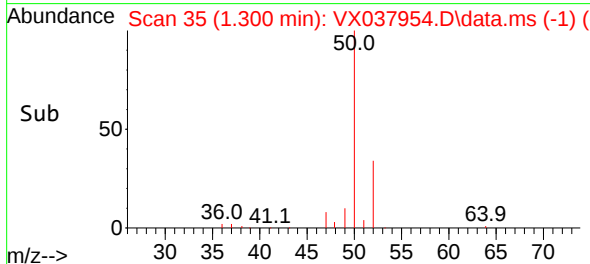
Instrument :
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Tgt Ion: 50 Resp: 39825
Ion Ratio Lower Upper
50 100
52 33.9 25.5 38.3

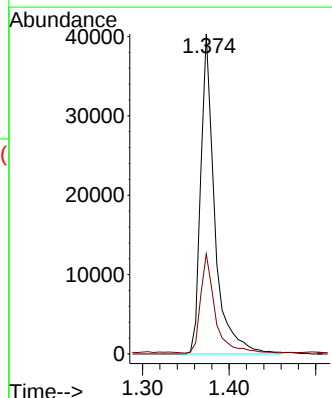
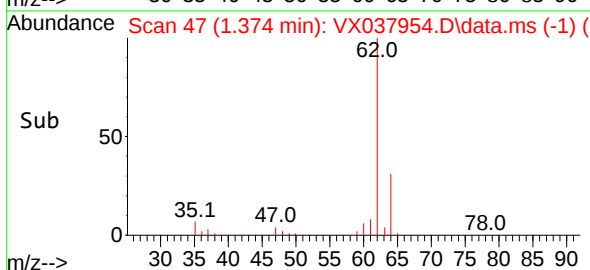
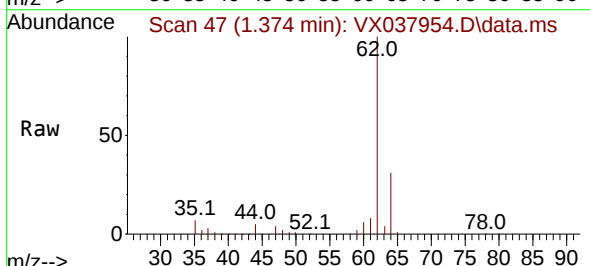
Manual Integrations
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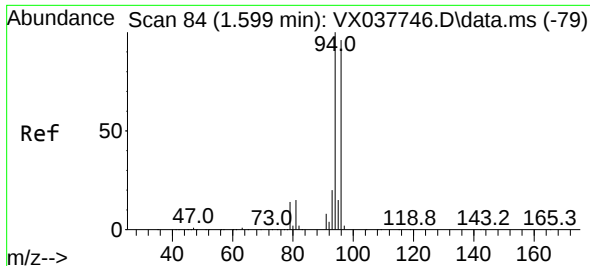
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#4
Vinyl Chloride
Concen: 16.852 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35

Tgt Ion: 62 Resp: 45270
Ion Ratio Lower Upper
62 100
64 30.9 25.4 38.0





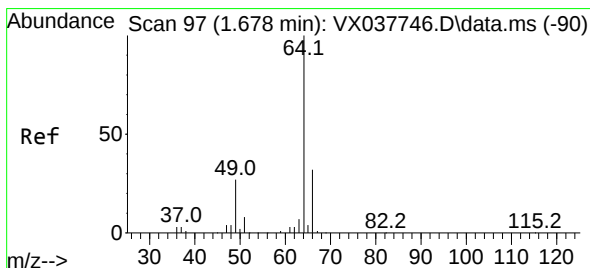
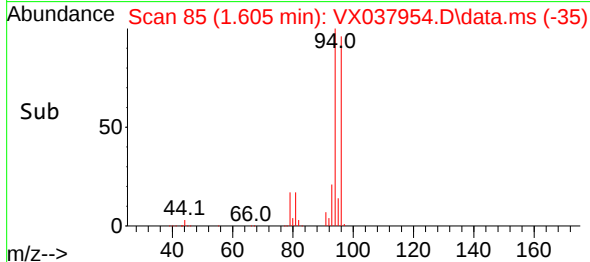
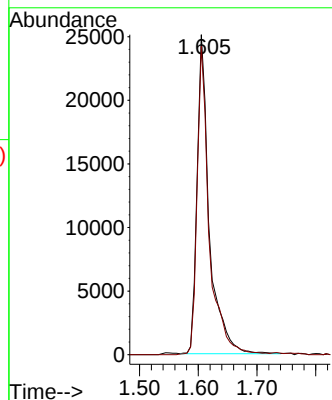
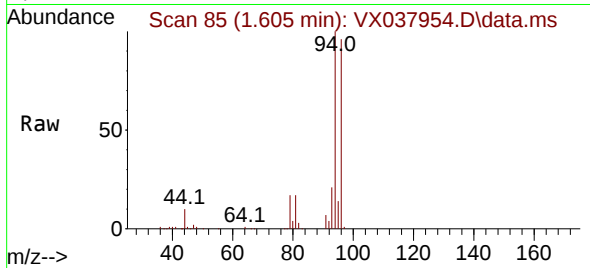
#5
Bromomethane
Concen: 18.878 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35

Instrument :
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Tgt Ion: 94 Resp: 36304
Ion Ratio Lower Upper
94 100
96 96.5 74.6 111.8

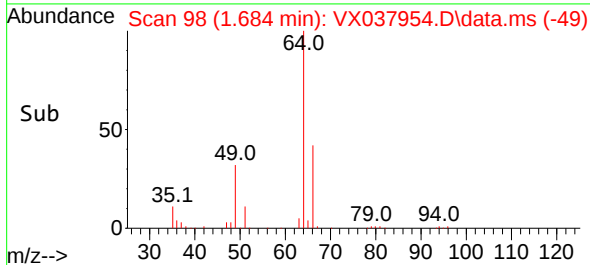
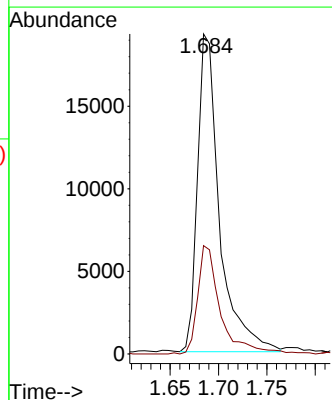
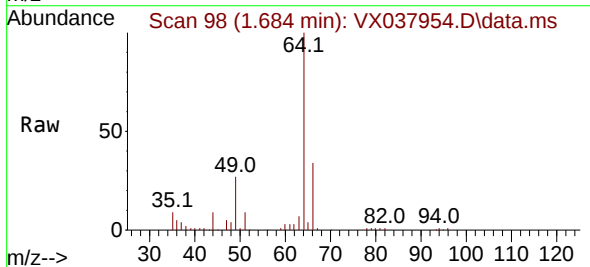
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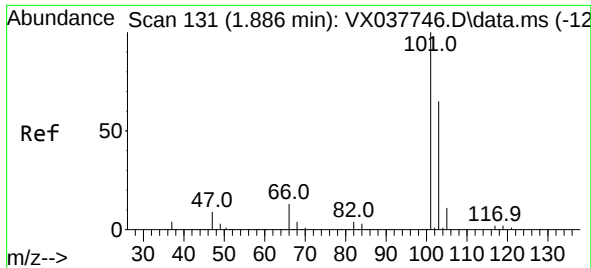
Reviewed By :John Carlone 09/29/2023
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#6
Chloroethane
Concen: 16.485 ug/l
RT: 1.684 min Scan# 98
Delta R.T. -0.001 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35

Tgt Ion: 64 Resp: 30508
Ion Ratio Lower Upper
64 100
66 34.1 25.1 37.7





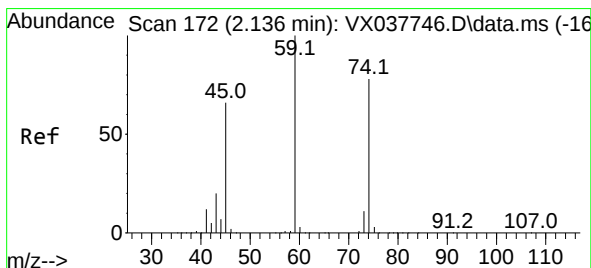
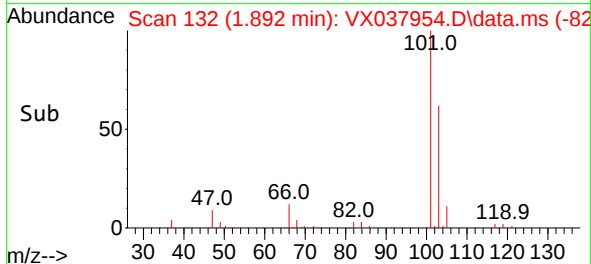
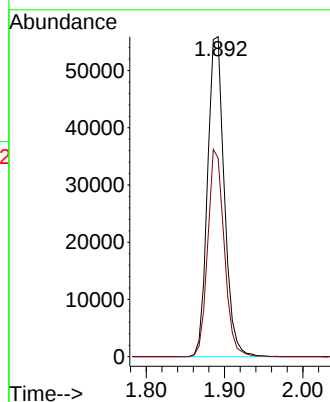
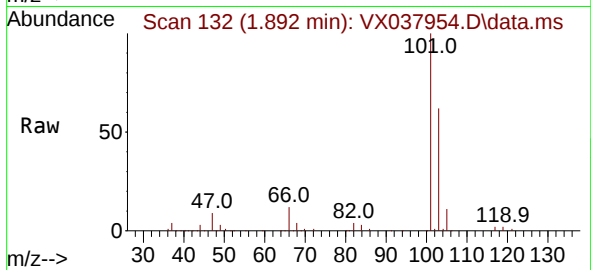
#7
Trichlorofluoromethane
Concen: 19.160 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35

Instrument :
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ClientSampleId :
VX0928WBSD02

Tgt Ion:101 Resp: 82748
Ion Ratio Lower Upper
101 100
103 62.0 51.4 77.2

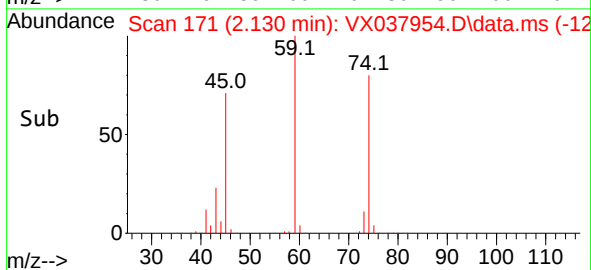
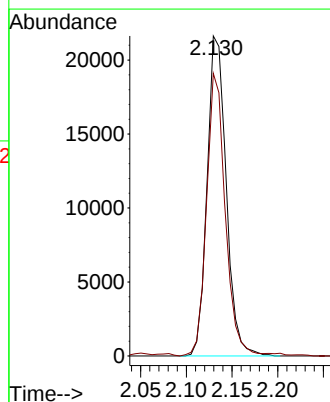
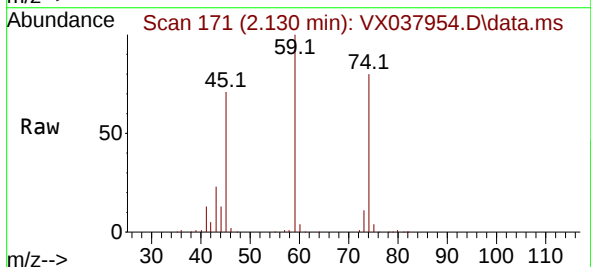
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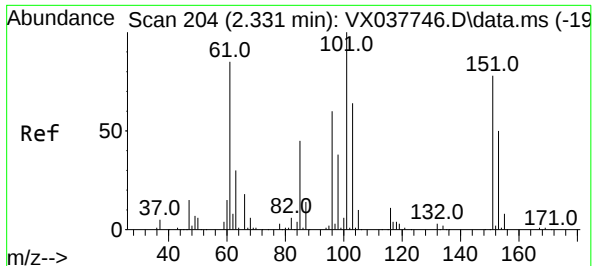
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#8
Diethyl Ether
Concen: 18.804 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35

Tgt Ion: 74 Resp: 31462
Ion Ratio Lower Upper
74 100
45 86.4 53.3 159.8





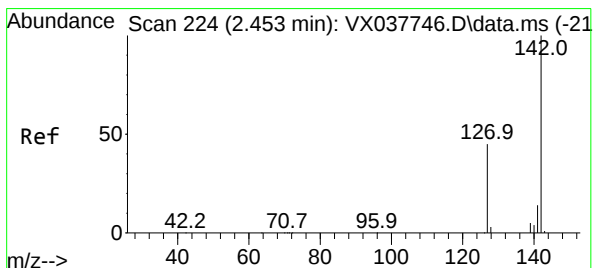
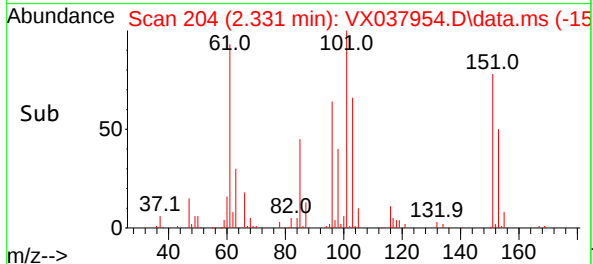
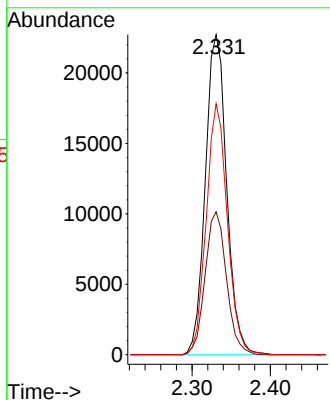
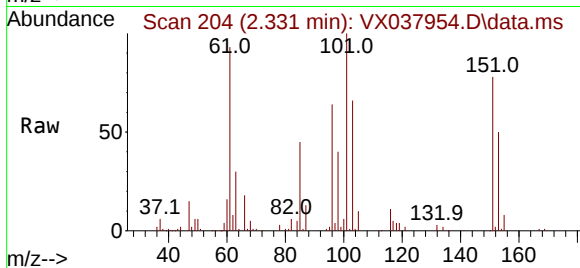
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.582 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35

Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD02

Tgt Ion:101 Resp: 42919
Ion Ratio Lower Upper
101 100
85 44.7 37.0 55.6
151 77.8 58.6 87.8

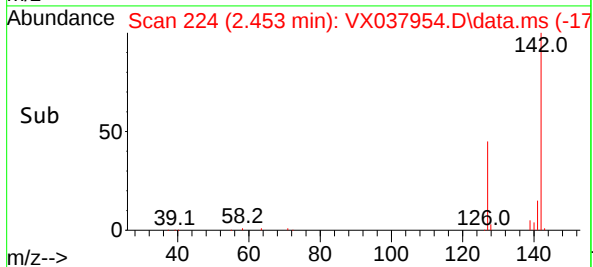
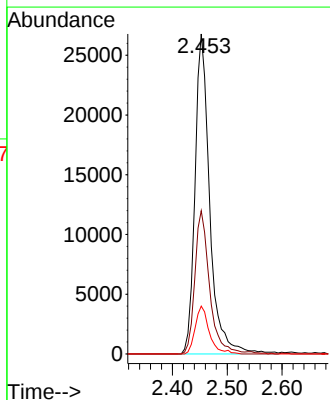
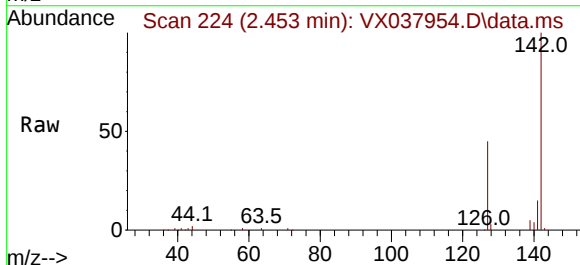
Manual Integrations
APPROVED

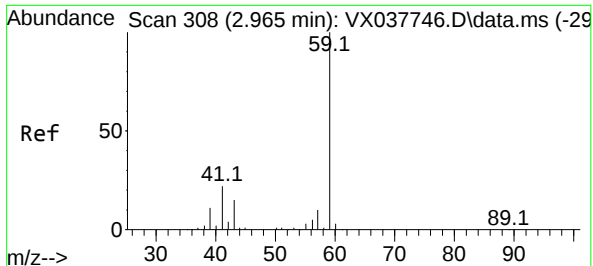
Reviewed By :John Carbone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#10
Methyl Iodide
Concen: 17.325 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35

Tgt Ion:142 Resp: 50251
Ion Ratio Lower Upper
142 100
127 45.0 41.6 62.4
141 14.3 11.6 17.4





#11

Tert butyl alcohol

Concen: 90.764 ug/l

RT: 2.953 min Scan# 308

Delta R.T. -0.012 min

Lab File: VX037954.D

Acq: 28 Sep 2023 16:35

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBSD02

Tgt Ion: 59 Resp: 55570

Ion Ratio Lower Upper

59 100

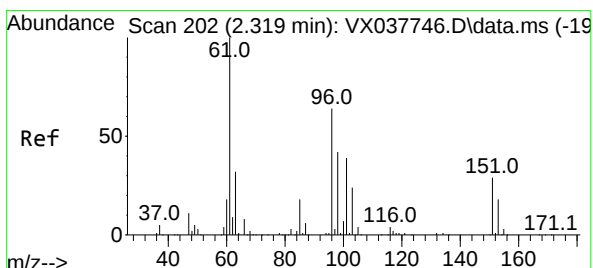
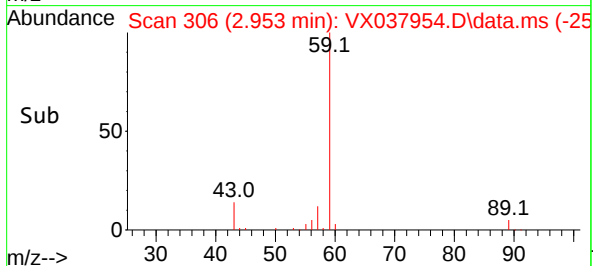
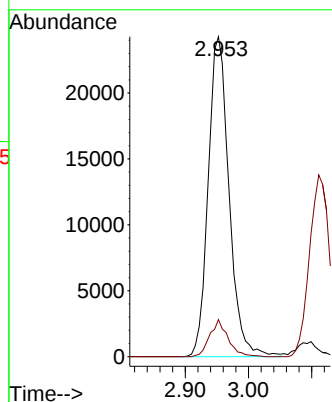
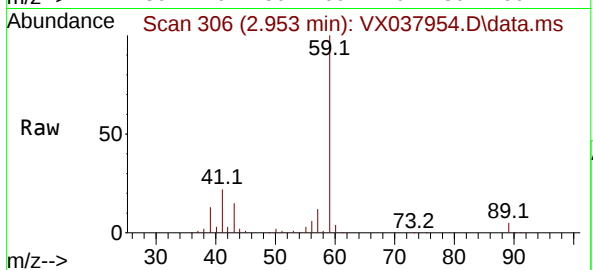
57 10.2 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#12

1,1-Dichloroethene

Concen: 18.156 ug/l

RT: 2.318 min Scan# 202

Delta R.T. -0.006 min

Lab File: VX037954.D

Acq: 28 Sep 2023 16:35

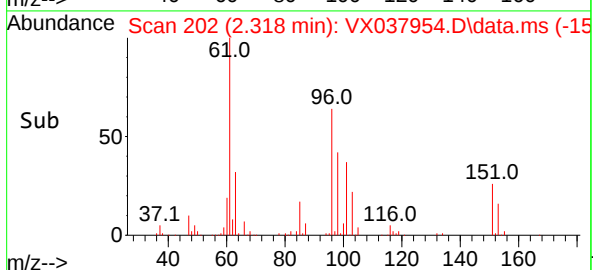
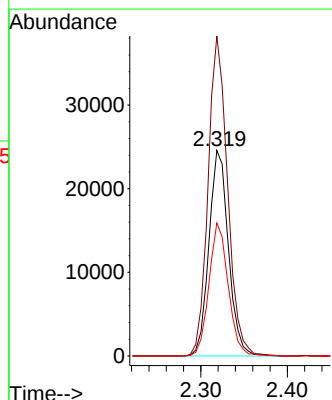
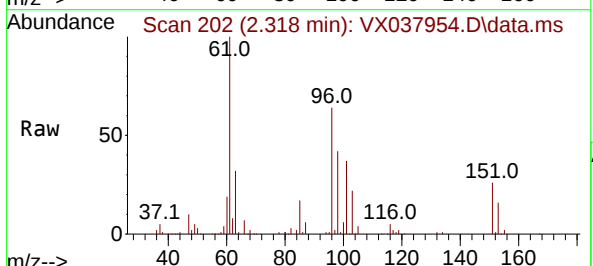
Tgt Ion: 96 Resp: 38457

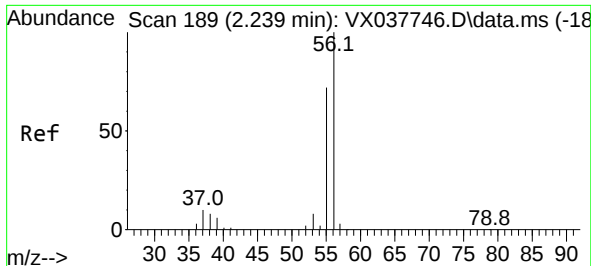
Ion Ratio Lower Upper

96 100

61 155.7 144.6 216.8

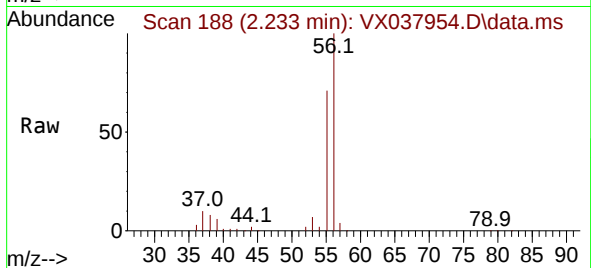
98 64.7 50.4 75.6





#13
Acrolein
Concen: 96.977 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35

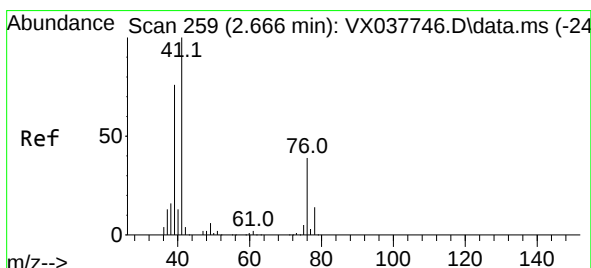
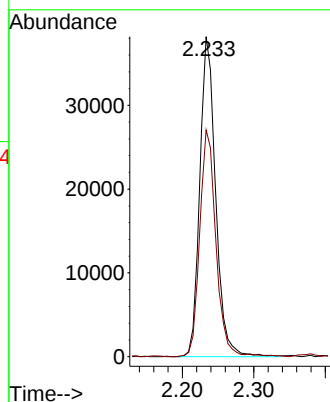
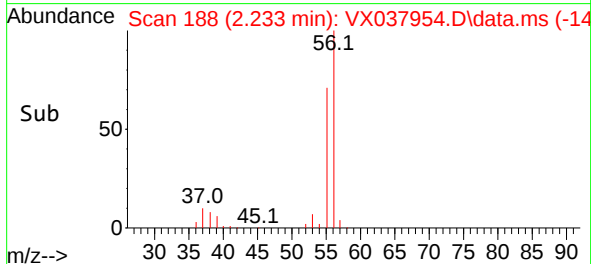
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD02



Tgt Ion: 56 Resp: 5866
Ion Ratio Lower Upper
56 100
55 71.8 57.1 85.7

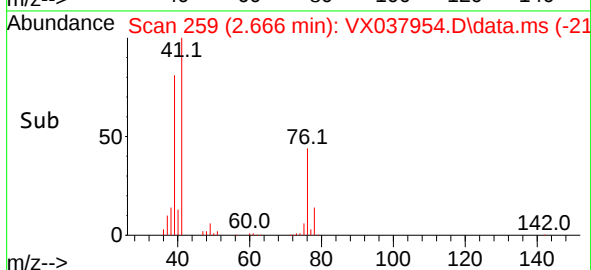
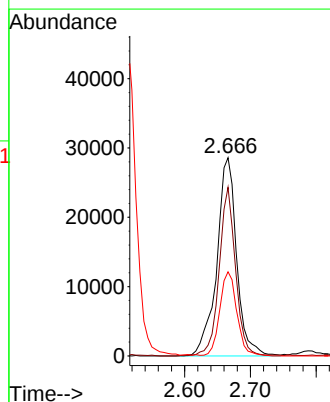
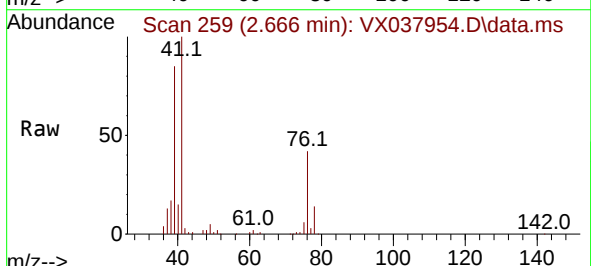
Manual Integrations
APPROVED

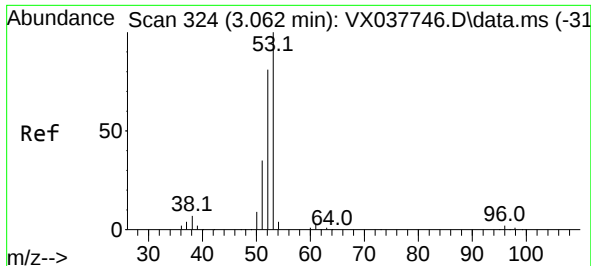
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#14
Allyl chloride
Concen: 17.099 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35

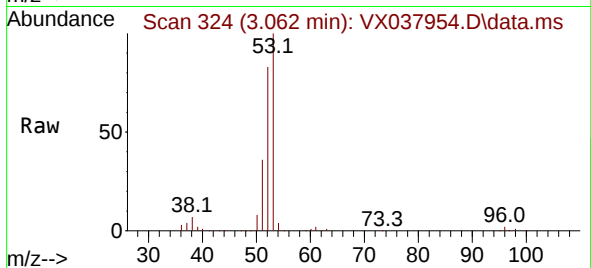
Tgt Ion: 41 Resp: 60323
Ion Ratio Lower Upper
41 100
39 70.3 55.8 83.6
76 36.4 24.3 36.5





#15
Acrylonitrile
Concen: 93.920 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35

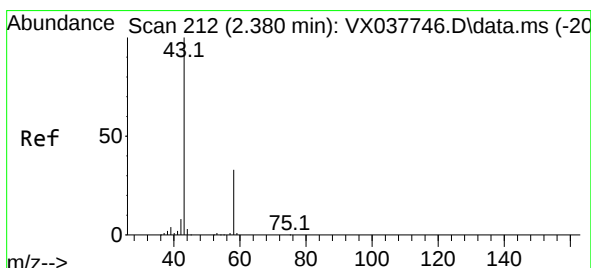
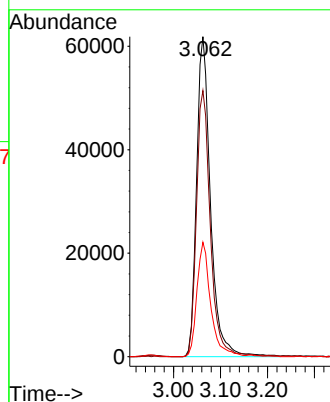
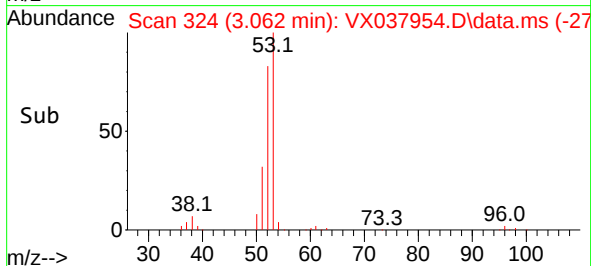
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD02



Tgt Ion: 53 Resp: 127862
Ion Ratio Lower Upper
53 100
52 82.7 66.0 99.0
51 35.6 29.8 44.6

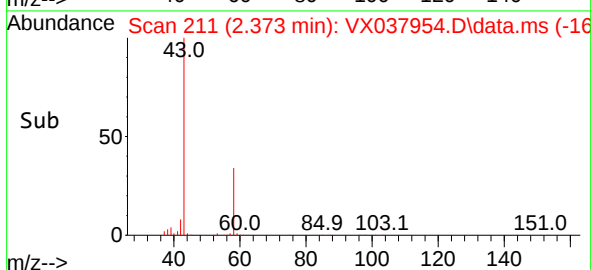
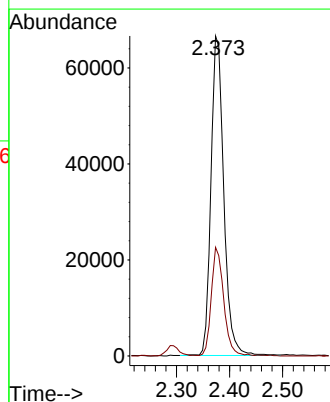
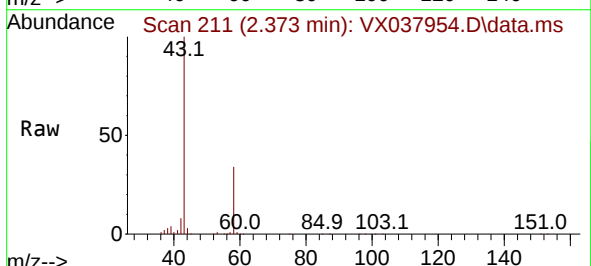
Manual Integrations
APPROVED

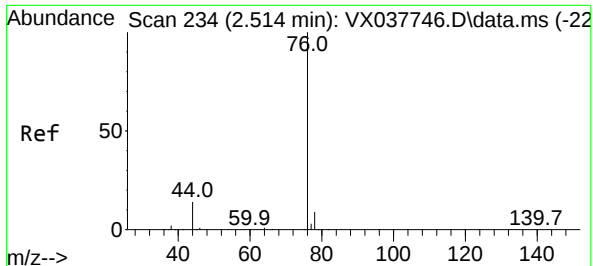
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#16
Acetone
Concen: 81.456 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35

Tgt Ion: 43 Resp: 111782
Ion Ratio Lower Upper
43 100
58 34.0 21.9 32.9#





#17

Carbon Disulfide

Concen: 14.536 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX037954.D

Acq: 28 Sep 2023 16:35

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBSD02

Tgt Ion: 76 Resp: 77198

Ion Ratio Lower Upper

76 100

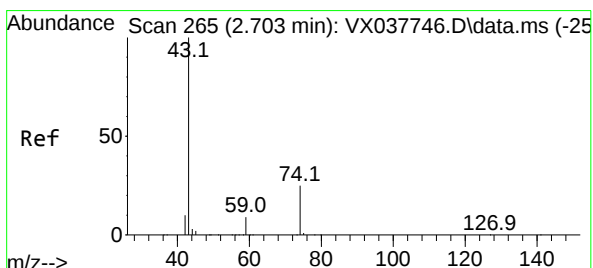
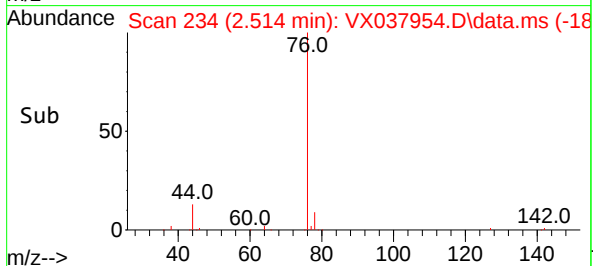
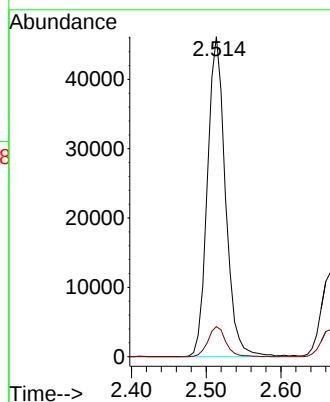
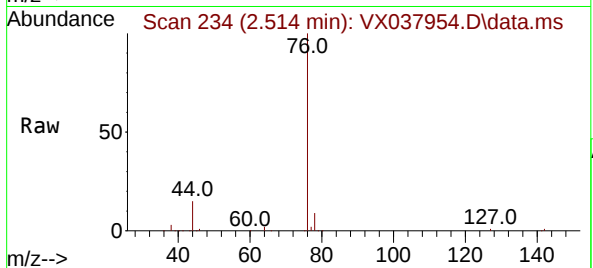
78 9.4 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#18

Methyl Acetate

Concen: 18.990 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX037954.D

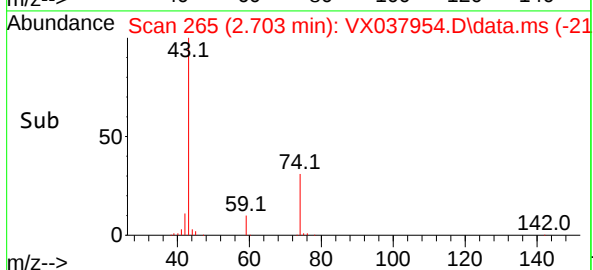
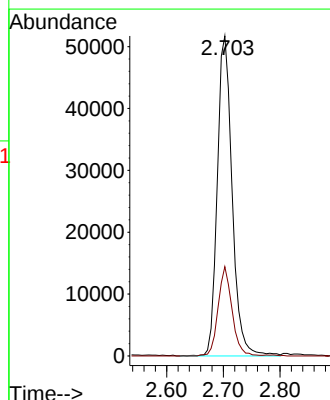
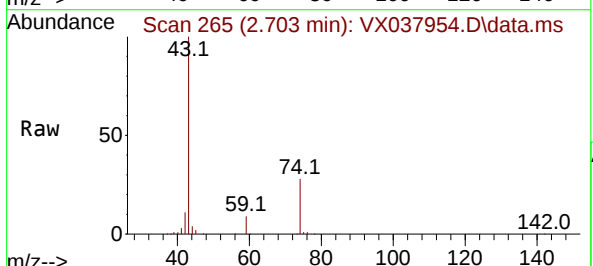
Acq: 28 Sep 2023 16:35

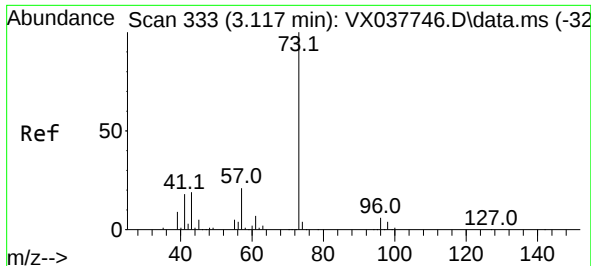
Tgt Ion: 43 Resp: 94007

Ion Ratio Lower Upper

43 100

74 26.1 17.8 26.8





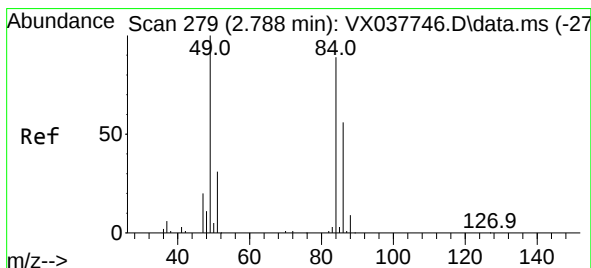
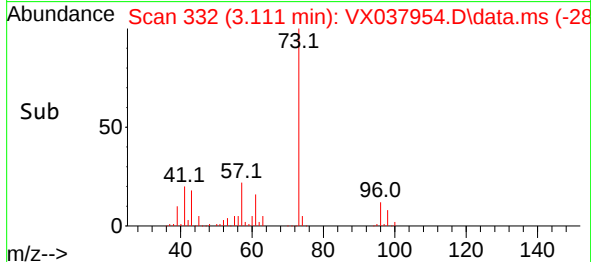
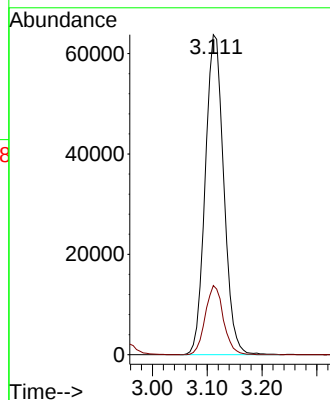
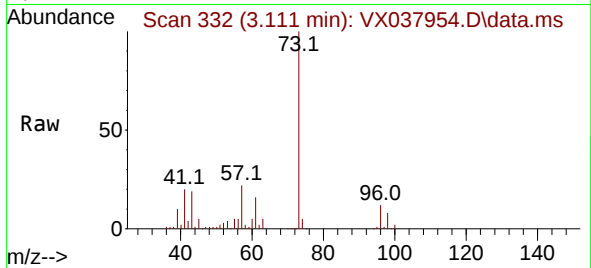
#19
Methyl tert-butyl Ether
Concen: 19.165 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.012 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35

Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD02

Tgt Ion: 73 Resp: 14933
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9

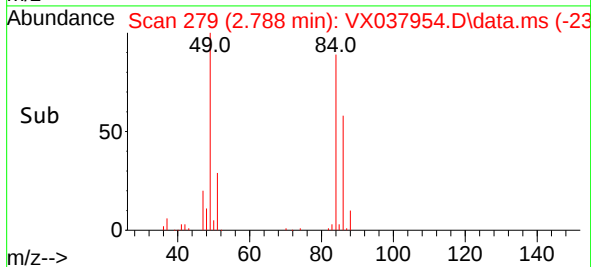
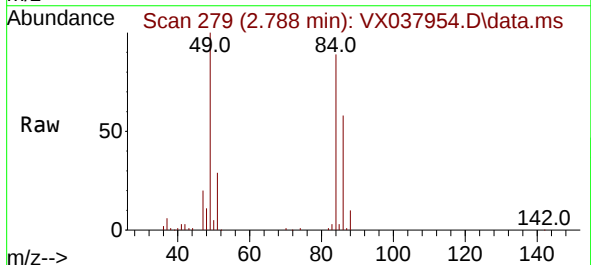
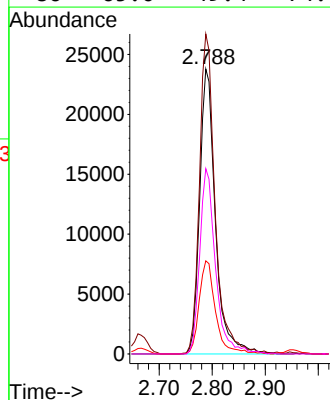
Manual Integrations
APPROVED

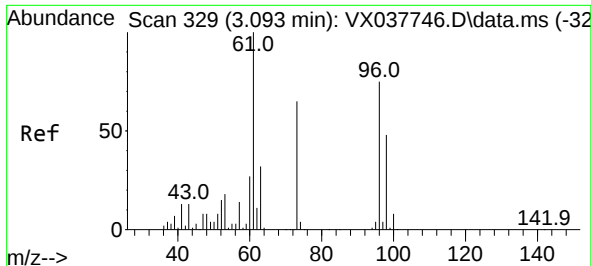
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#20
Methylene Chloride
Concen: 19.370 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35

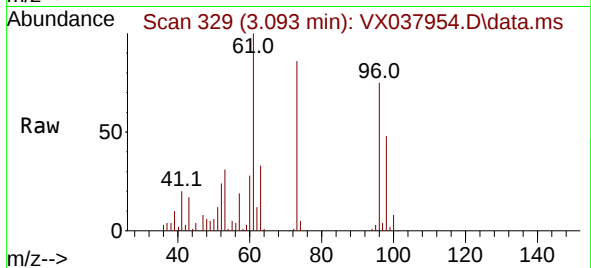
Tgt Ion: 84 Resp: 49183
Ion Ratio Lower Upper
84 100
49 112.3 103.6 155.4
51 32.6 33.8 50.6#
86 65.0 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 18.568 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35

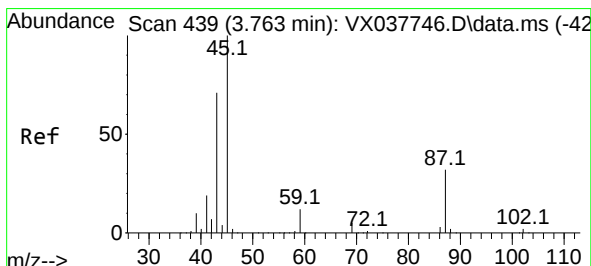
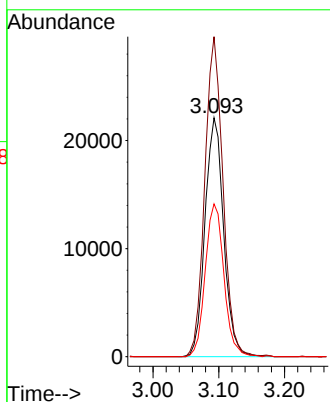
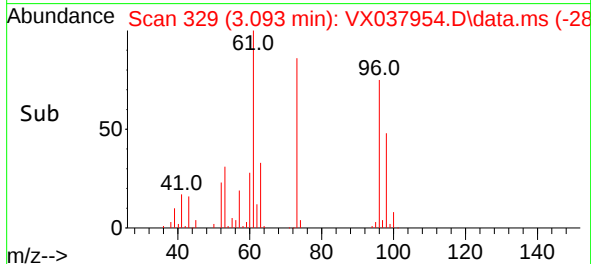
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD02



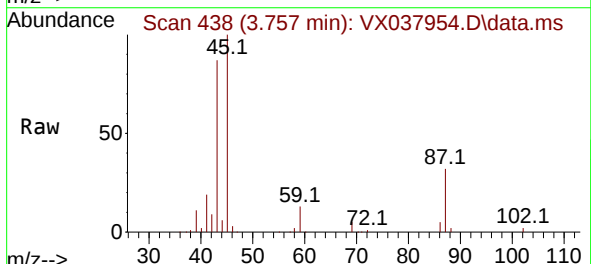
Tgt Ion: 96 Resp: 43674
Ion Ratio Lower Upper
96 100
61 133.9 119.2 178.8
98 64.0 48.7 73.1

Manual Integrations
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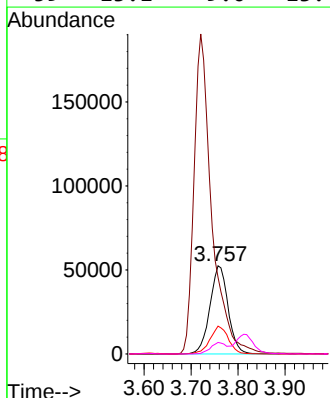
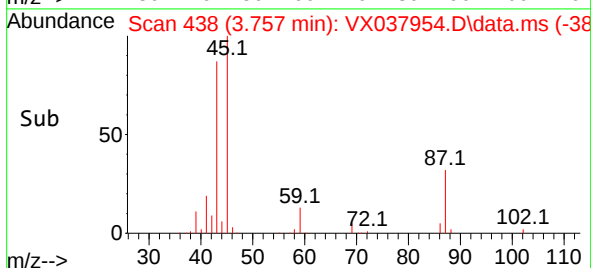
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023

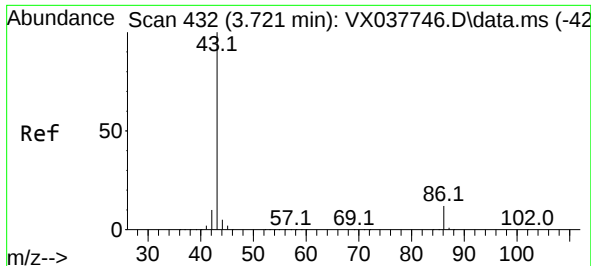


#22
Diisopropyl ether
Concen: 19.177 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35



Tgt Ion: 45 Resp: 140924
Ion Ratio Lower Upper
45 100
43 87.0 69.7 104.5
87 31.5 20.8 31.2#
59 13.1 9.0 13.4





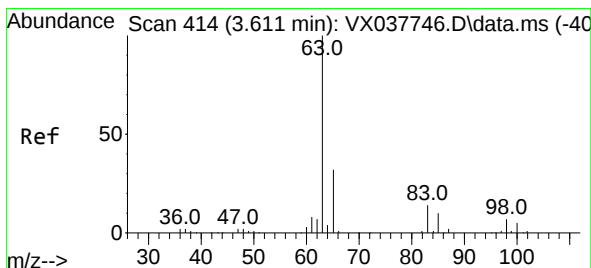
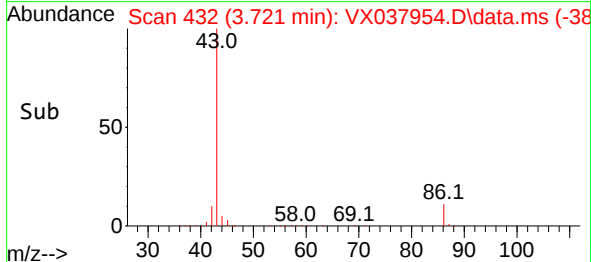
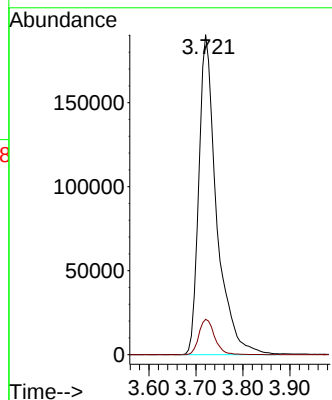
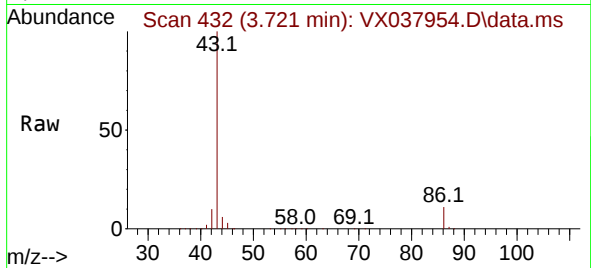
#23
 Vinyl Acetate
 Concen: 92.778 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX037954.D
 Acq: 28 Sep 2023 16:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0928WBSD02

Tgt Ion: 43 Resp: 501490
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.8 11.8

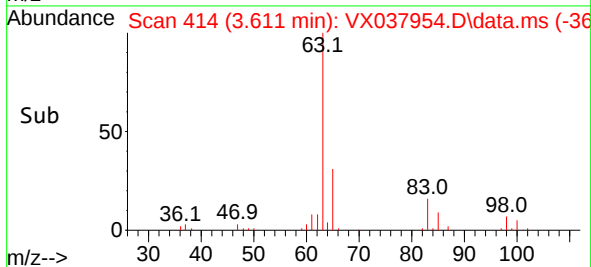
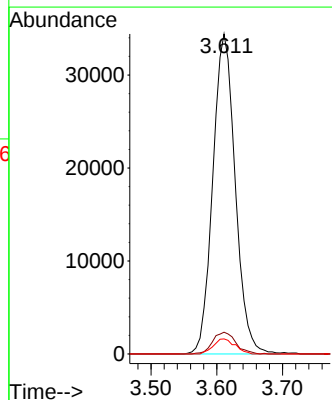
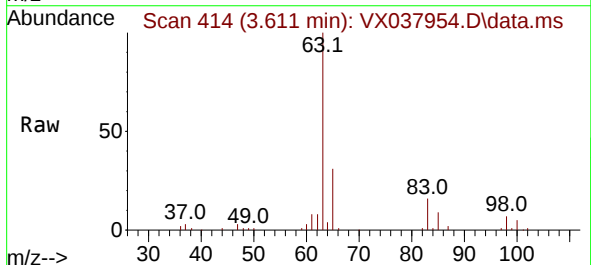
Manual Integrations
 APPROVED

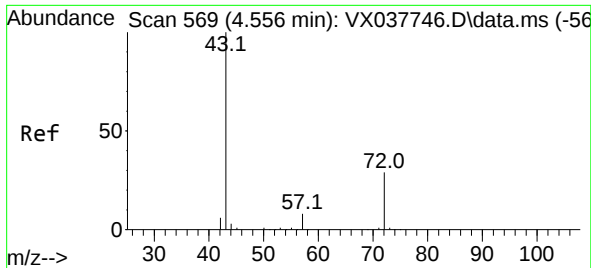
Reviewed By :John Carlone 09/29/2023
 Supervised By :Semsettin Yesilyurt 09/29/2023



#24
 1,1-Dichloroethane
 Concen: 18.553 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX037954.D
 Acq: 28 Sep 2023 16:35

Tgt Ion: 63 Resp: 81701
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.3 9.8
 100 4.7 2.1 6.5





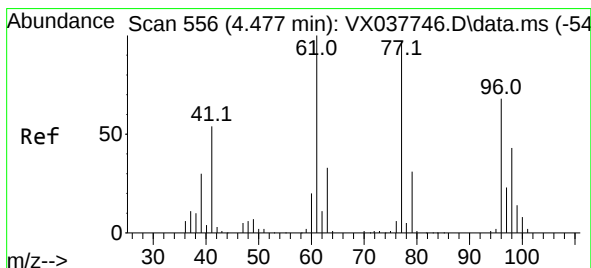
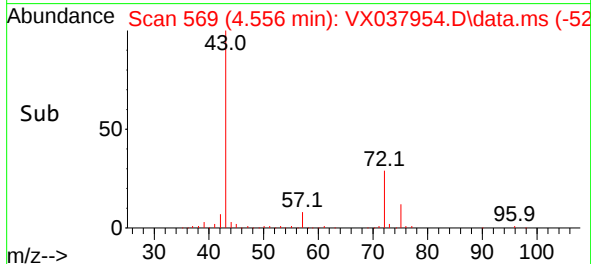
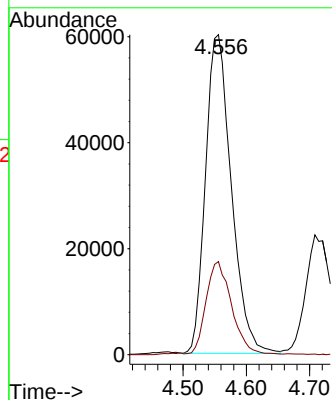
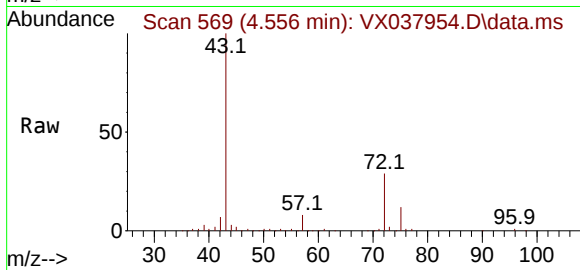
#25
2-Butanone
Concen: 88.114 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.012 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35

Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD02

Tgt Ion: 43 Resp: 17063
Ion Ratio Lower Upper
43 100
72 29.1 19.4 29.2

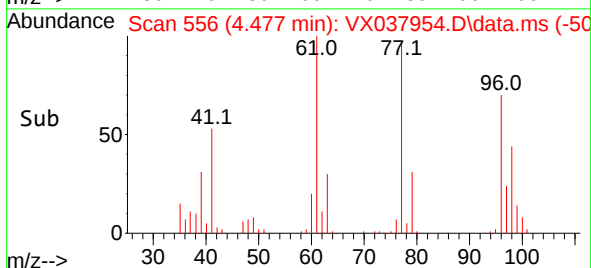
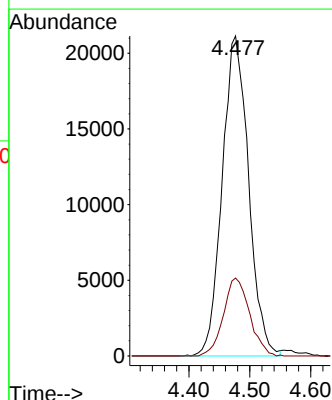
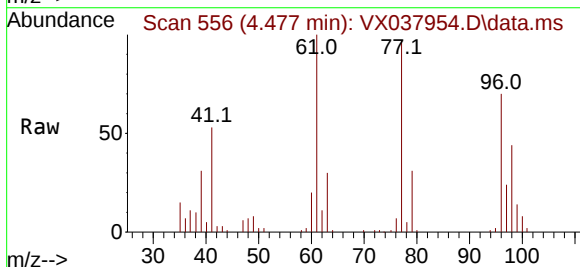
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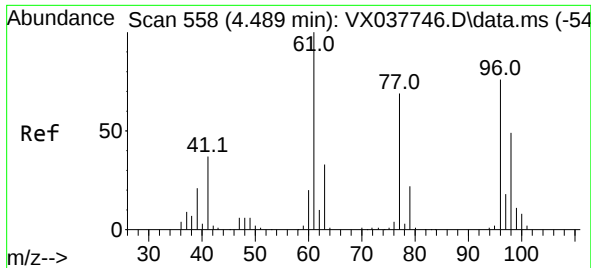
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#26
2,2-Dichloropropane
Concen: 17.839 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35

Tgt Ion: 77 Resp: 63473
Ion Ratio Lower Upper
77 100
97 24.2 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 19.067 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX037954.D

Acq: 28 Sep 2023 16:35

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBSD02

Tgt Ion: 96 Resp: 5498

Ion Ratio Lower Upper

96 100

61 136.7 0.0 312.2

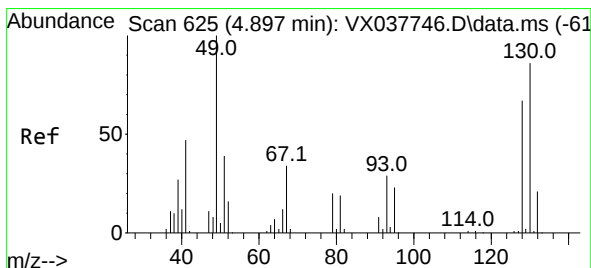
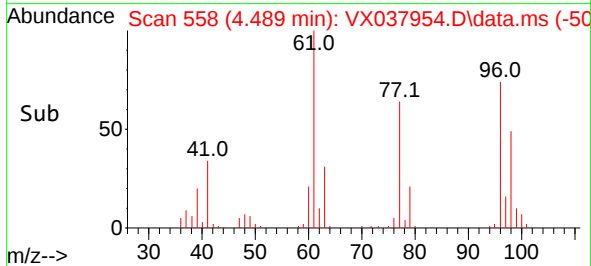
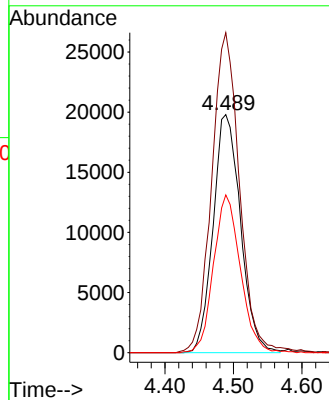
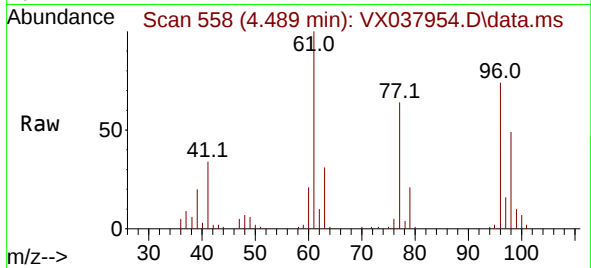
98 65.0 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#28

Bromochloromethane

Concen: 17.700 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX037954.D

Acq: 28 Sep 2023 16:35

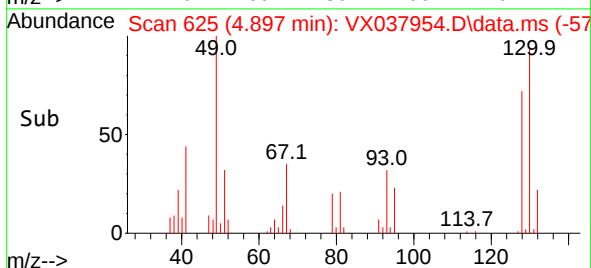
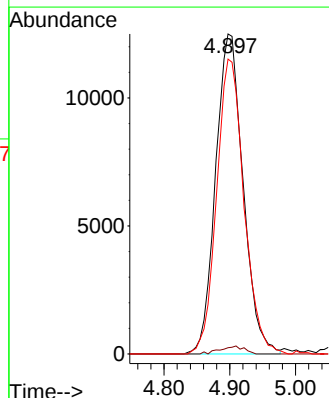
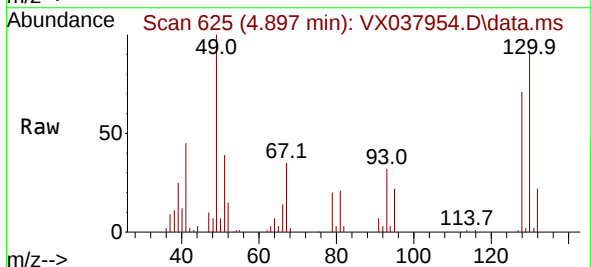
Tgt Ion: 49 Resp: 36361

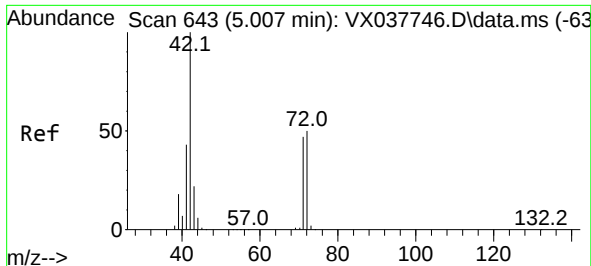
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

130 91.6 57.5 86.3#





#29

Tetrahydrofuran

Concen: 87.485 ug/l

RT: 5.007 min Scan# 643

Delta R.T. -0.006 min

Lab File: VX037954.D

Acq: 28 Sep 2023 16:35

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBSD02

Tgt Ion: 42 Resp: 10538

Ion Ratio Lower Upper

42 100

72 52.7 34.2 51.4

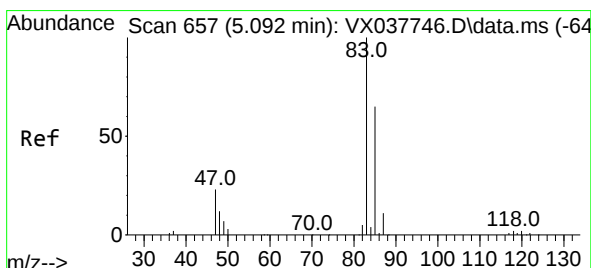
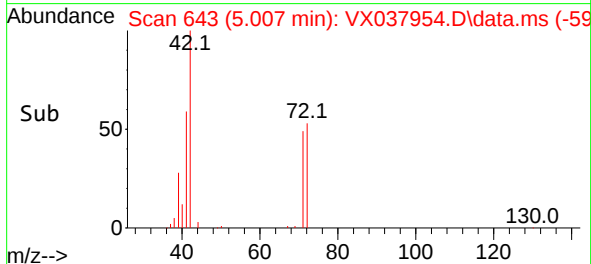
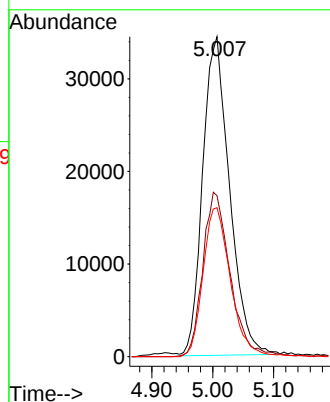
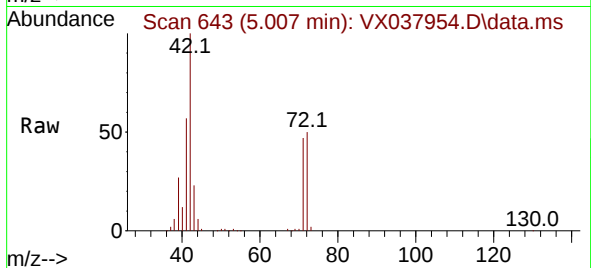
71 48.0 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#30

Chloroform

Concen: 19.247 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX037954.D

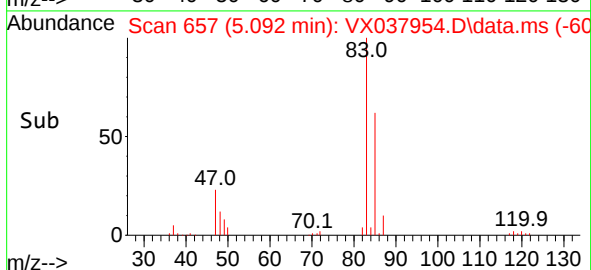
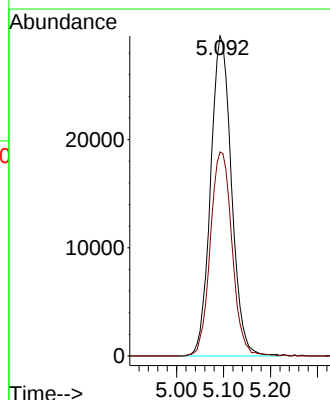
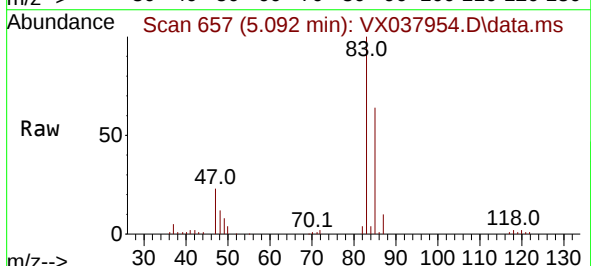
Acq: 28 Sep 2023 16:35

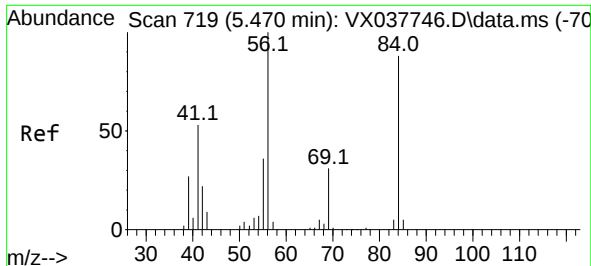
Tgt Ion: 83 Resp: 91303

Ion Ratio Lower Upper

83 100

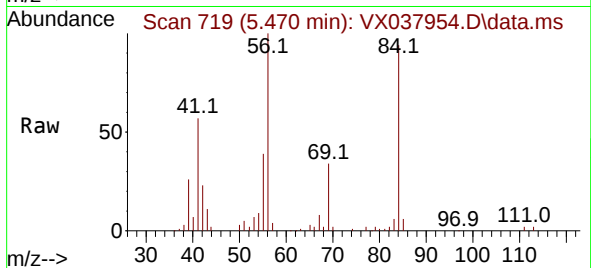
85 63.7 50.3 75.5





#31
Cyclohexane
Concen: 17.375 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35

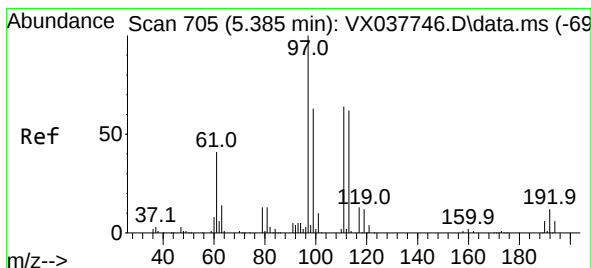
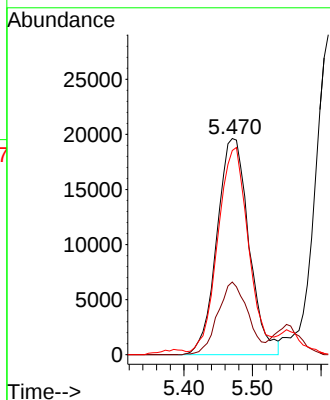
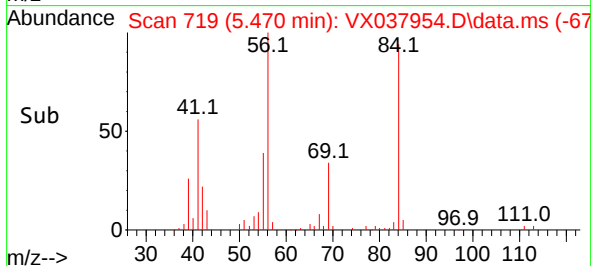
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD02



Tgt Ion: 56 Resp: 63618
Ion Ratio Lower Upper
56 100
69 33.6 23.4 35.2
84 92.3 65.9 98.9

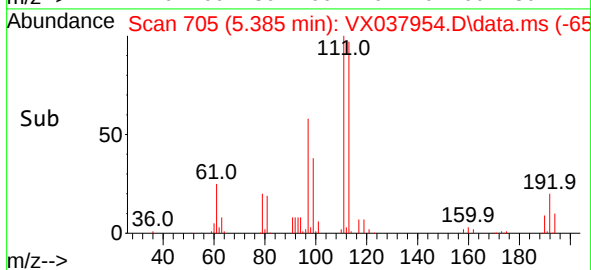
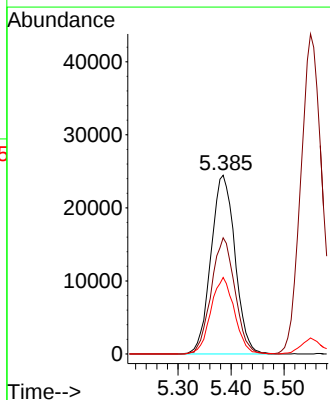
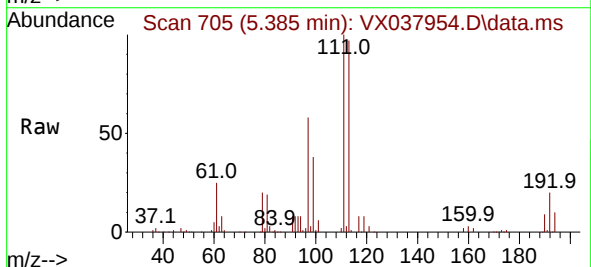
Manual Integrations
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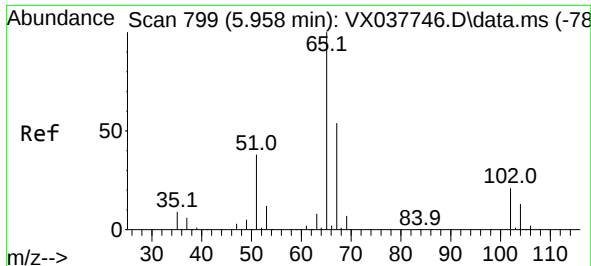
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#32
1,1,1-Trichloroethane
Concen: 19.171 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35

Tgt Ion: 97 Resp: 77004
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 42.0 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 49.024 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037954.D

Acq: 28 Sep 2023 16:35

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBSD02

Tgt Ion: 65 Resp: 139849

Ion Ratio Lower Upper

65 100

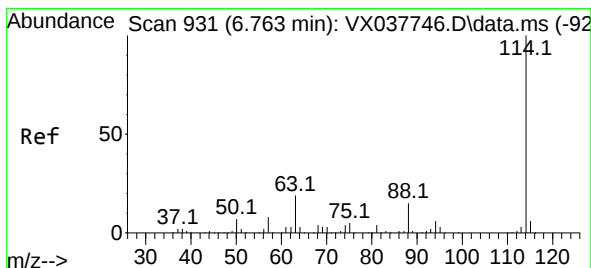
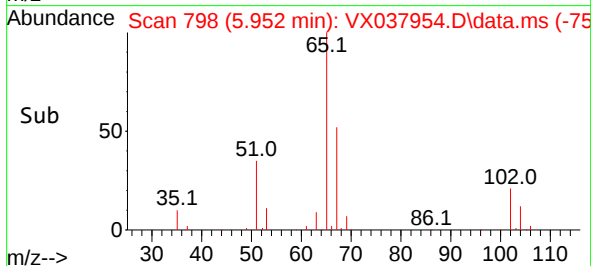
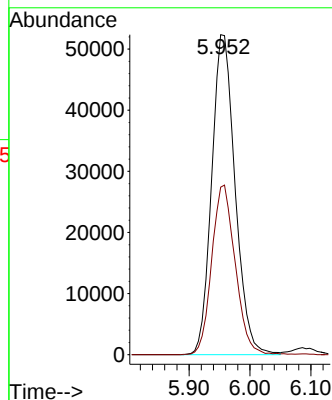
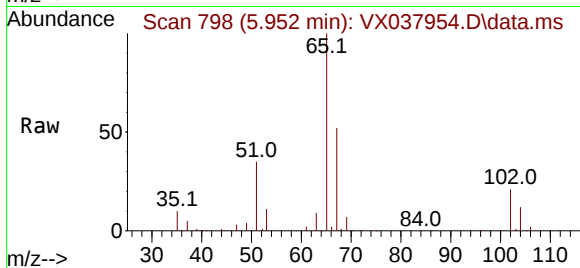
67 53.2 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX037954.D

Acq: 28 Sep 2023 16:35

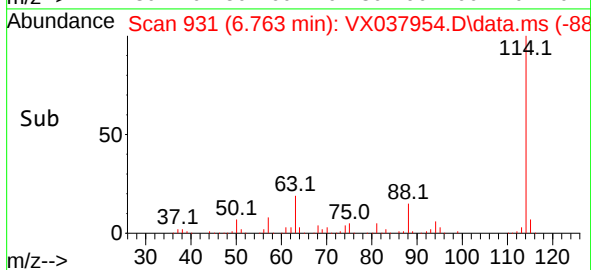
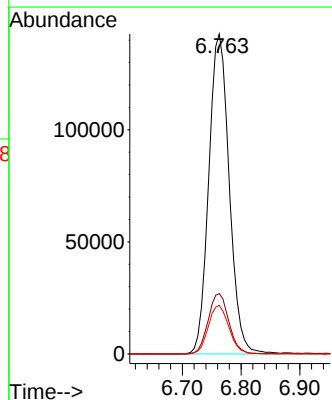
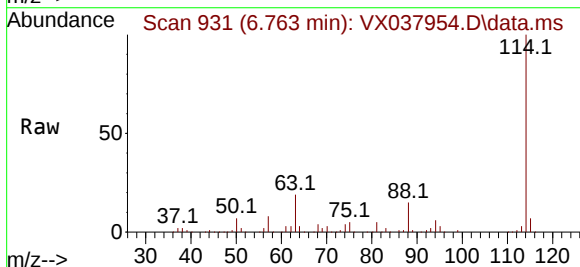
Tgt Ion:114 Resp: 345934

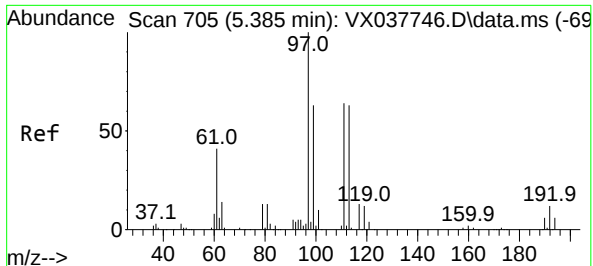
Ion Ratio Lower Upper

114 100

63 18.8 0.0 45.0

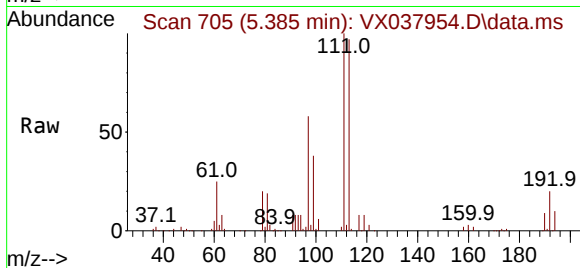
88 15.2 0.0 36.6





#35
Dibromofluoromethane
Concen: 52.277 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35

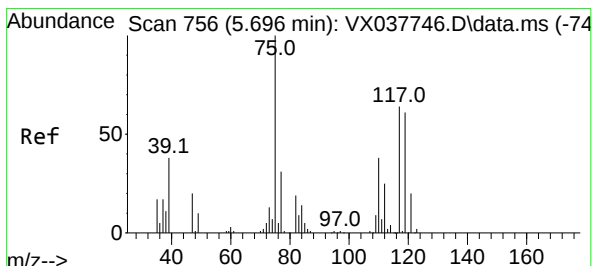
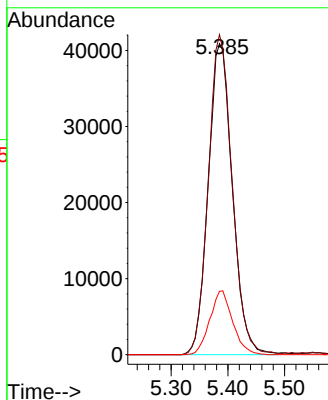
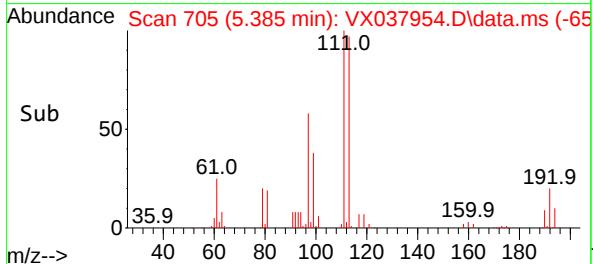
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD02



Tgt Ion: 113 Resp: 121004
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 19.4 13.3 19.9

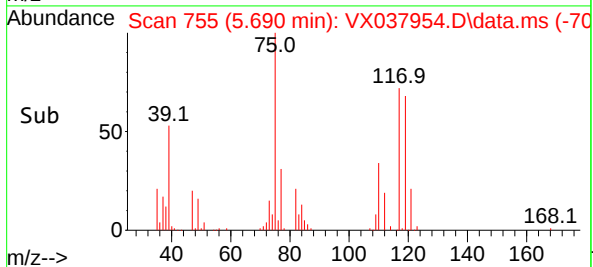
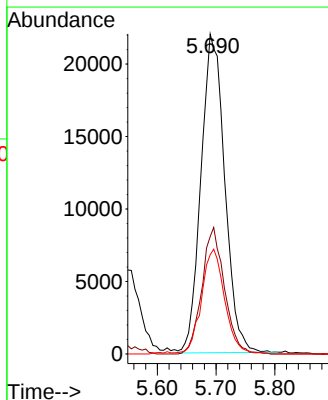
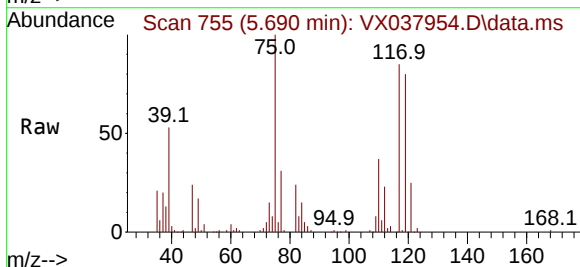
Manual Integrations
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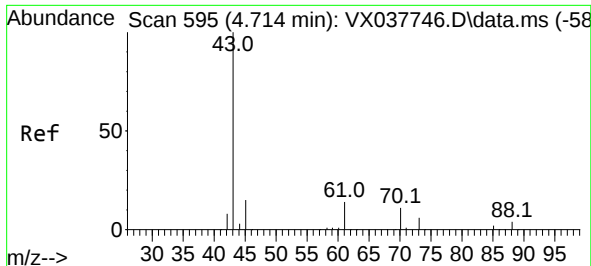
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#36
1,1-Dichloropropene
Concen: 19.407 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35

Tgt Ion: 75 Resp: 61879
Ion Ratio Lower Upper
75 100
110 37.6 17.0 50.9
77 32.1 24.7 37.1





#37

Ethyl Acetate

Concen: 18.781 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.025 min

Lab File: VX037954.D

Acq: 28 Sep 2023 16:35

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBSD02

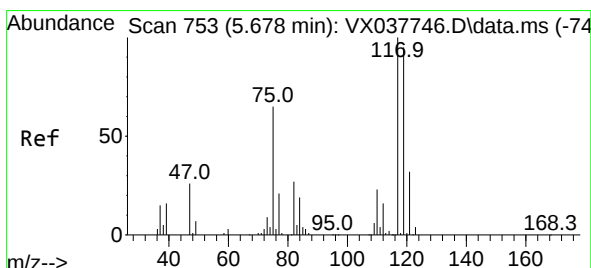
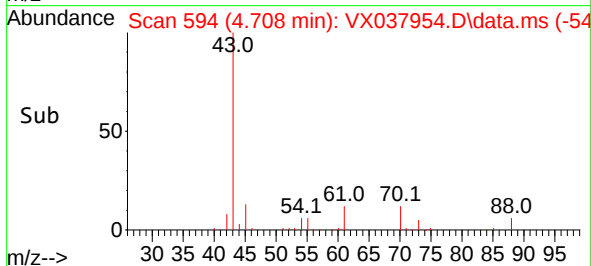
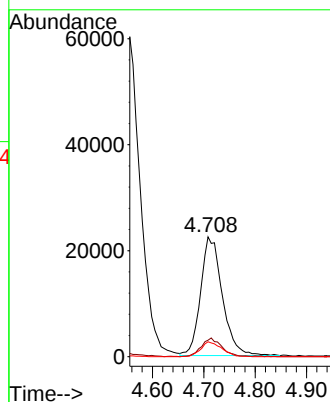
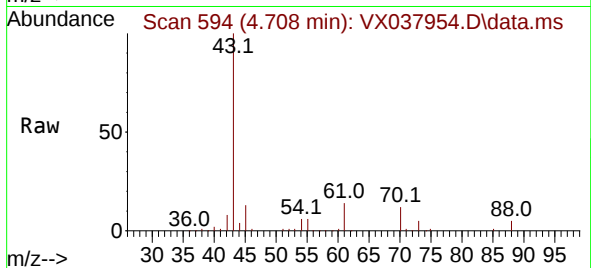
Tgt Ion: 43	Resp: 6583
Ion Ratio	Lower Upper
43 100	
61 14.8	10.6 16.0
70 12.2	8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#38

Carbon Tetrachloride

Concen: 19.511 ug/l

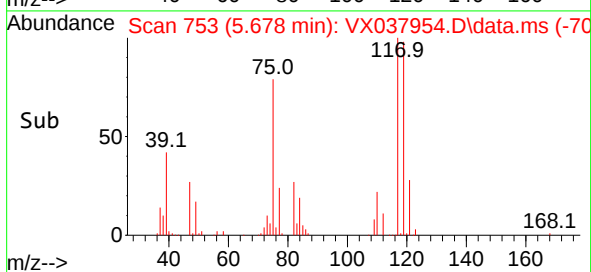
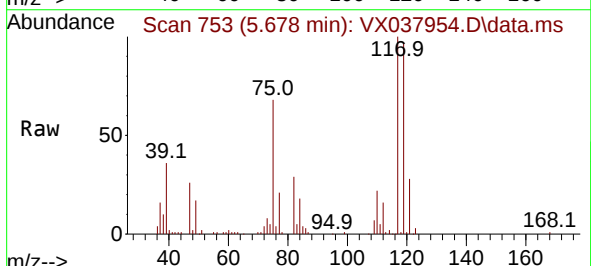
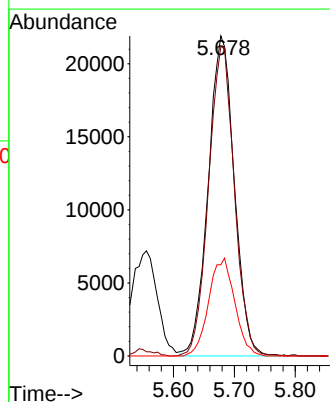
RT: 5.678 min Scan# 753

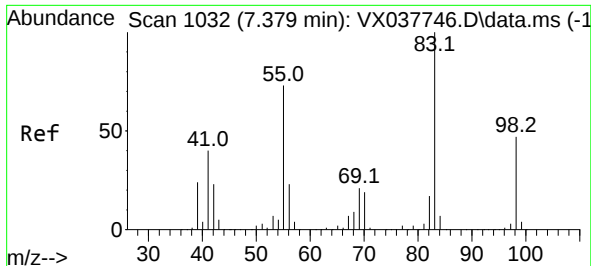
Delta R.T. -0.000 min

Lab File: VX037954.D

Acq: 28 Sep 2023 16:35

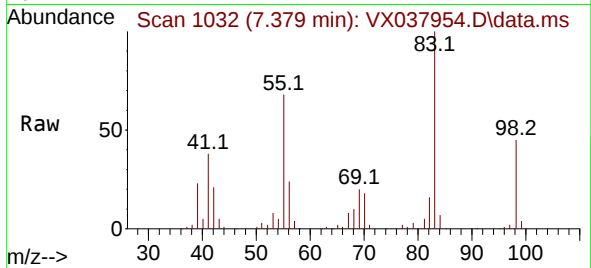
Tgt Ion: 117	Resp: 65093
Ion Ratio	Lower Upper
117 100	
119 96.4	78.2 117.2
121 28.5	24.4 36.6





#39
Methylcyclohexane
Concen: 18.797 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35

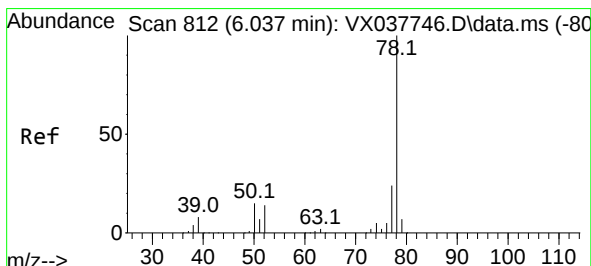
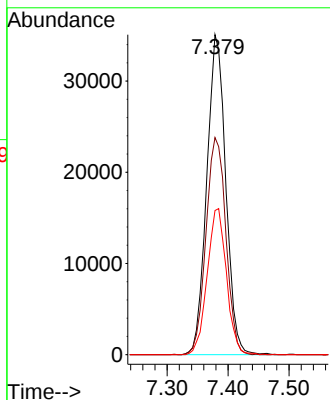
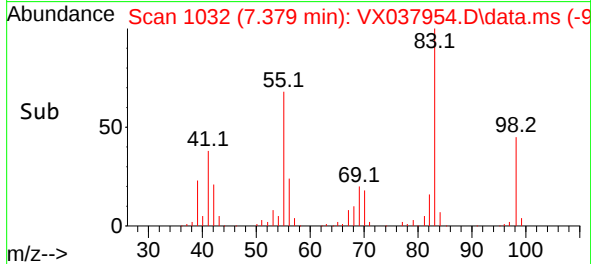
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD02



Tgt Ion: 83 Resp: 76068
Ion Ratio Lower Upper
83 100
55 67.9 64.6 97.0
98 45.0 36.7 55.1

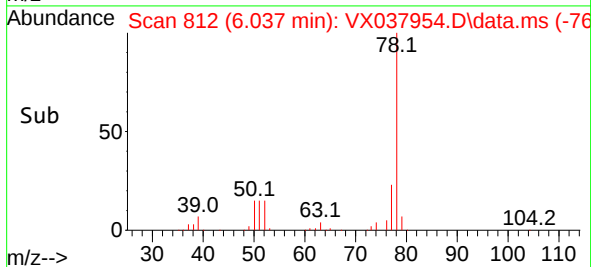
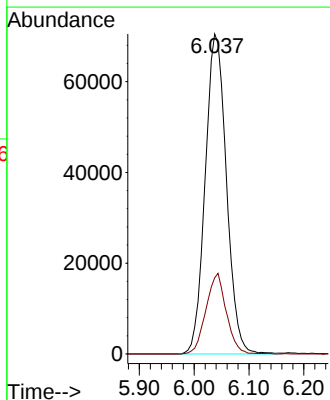
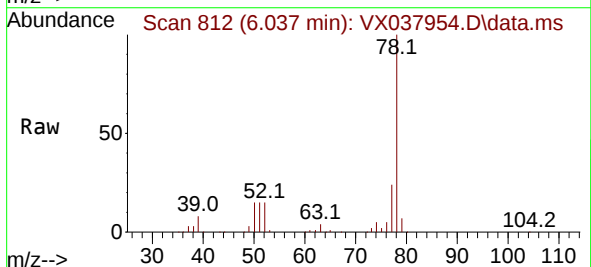
Manual Integrations
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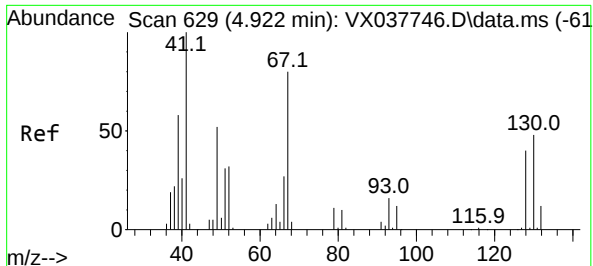
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#40
Benzene
Concen: 19.330 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35

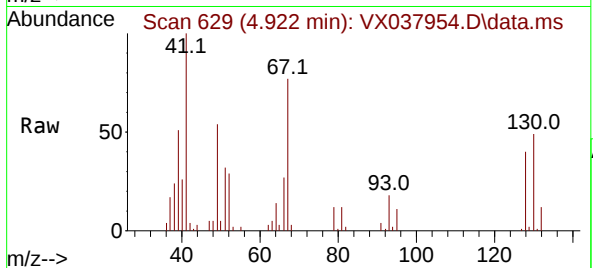
Tgt Ion: 78 Resp: 189538
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9





#41
Methacrylonitrile
Concen: 19.202 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.025 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35

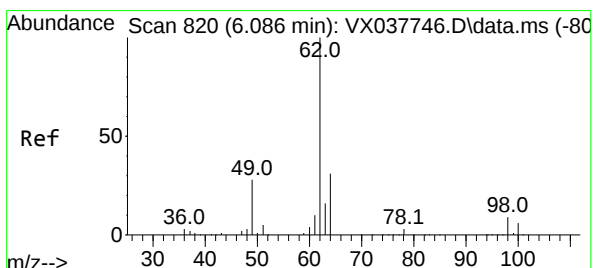
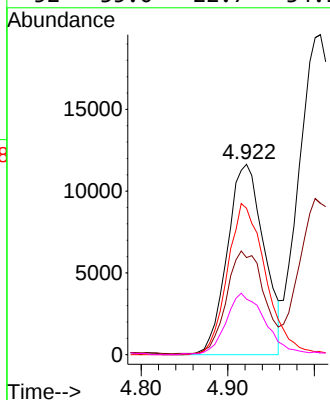
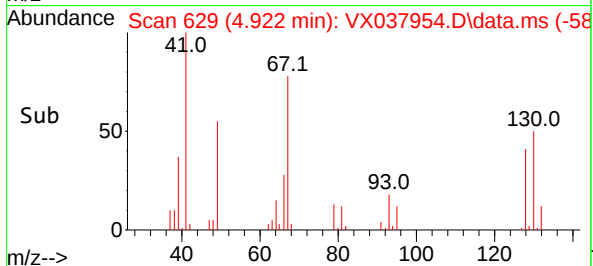
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD02



Tgt Ion:	41	Resp:	3432
Ion	Ratio	Lower	Upper
41	100		
39	54.6	45.2	67.8
67	82.7	52.6	78.8
52	35.0	22.7	34.1

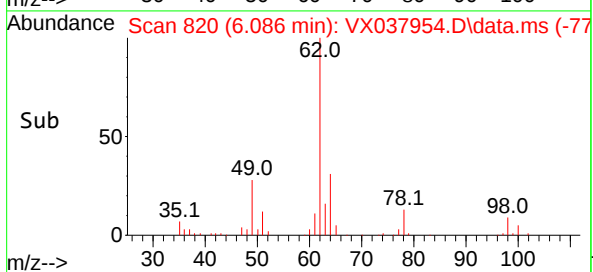
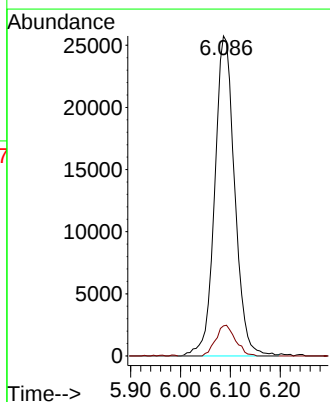
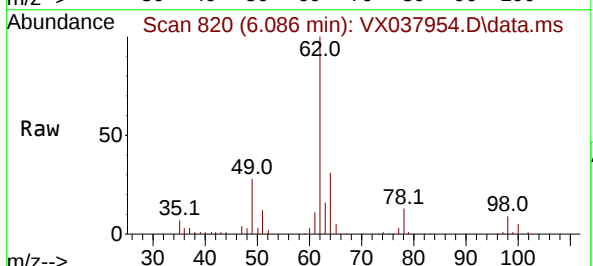
Manual Integrations
APPROVED

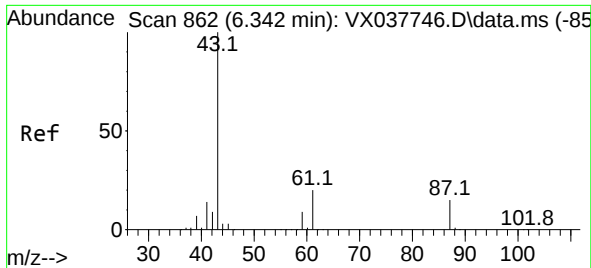
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#42
1,2-Dichloroethane
Concen: 20.208 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.012 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35

Tgt Ion:	62	Resp:	71615
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	16.0





#43

Isopropyl Acetate

Concen: 18.954 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX037954.D

Acq: 28 Sep 2023 16:35

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBSD02

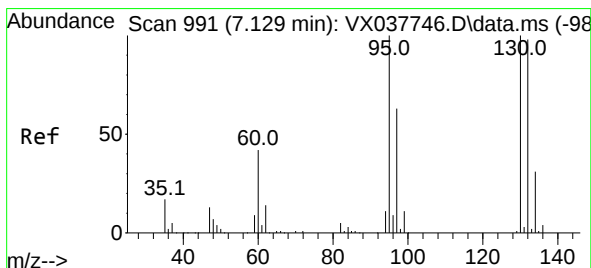
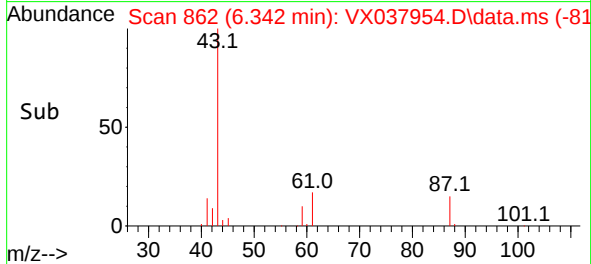
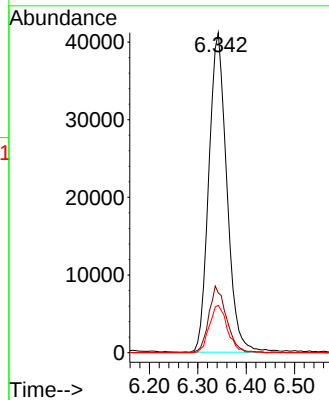
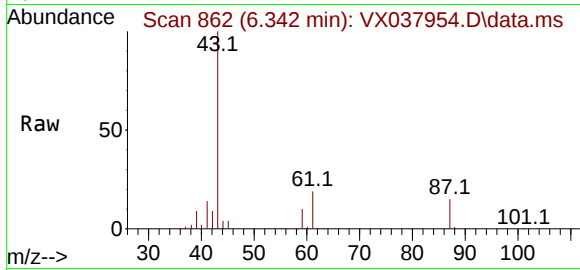
Tgt Ion:	43	Resp:	106238
Ion	Ratio	Lower	Upper
43	100		
61	20.4	15.2	22.8
87	14.9	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#44

Trichloroethene

Concen: 19.117 ug/l

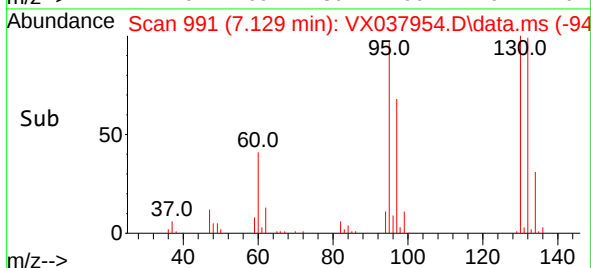
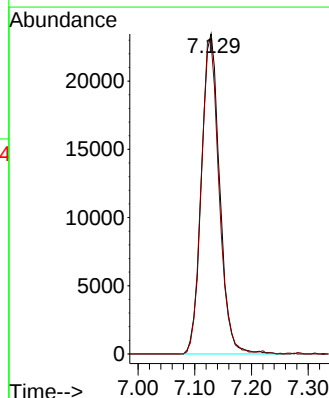
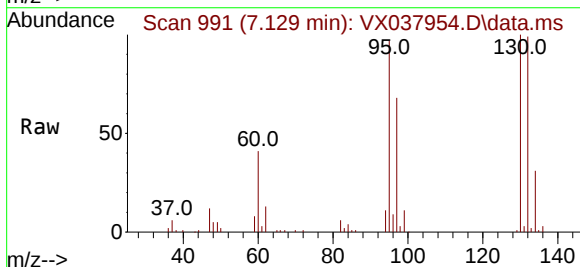
RT: 7.129 min Scan# 991

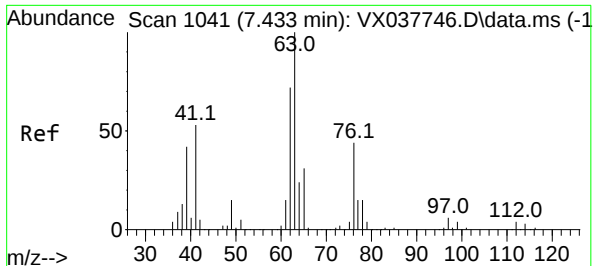
Delta R.T. -0.006 min

Lab File: VX037954.D

Acq: 28 Sep 2023 16:35

Tgt Ion:	130	Resp:	52201
Ion	Ratio	Lower	Upper
130	100		
95	97.3	0.0	204.4





#45

1,2-Dichloropropane

Concen: 19.651 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX037954.D

Acq: 28 Sep 2023 16:35

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBSD02

Tgt Ion: 63 Resp: 50039

Ion Ratio Lower Upper

63 100

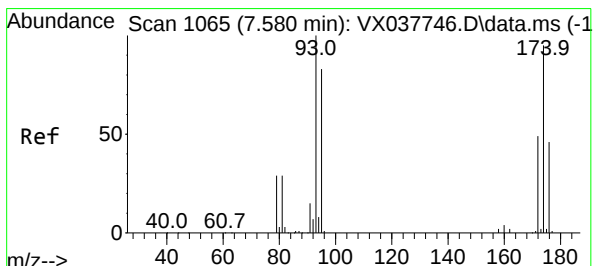
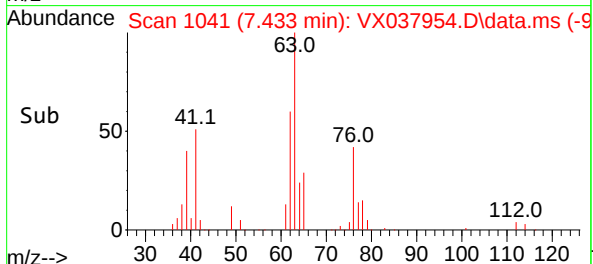
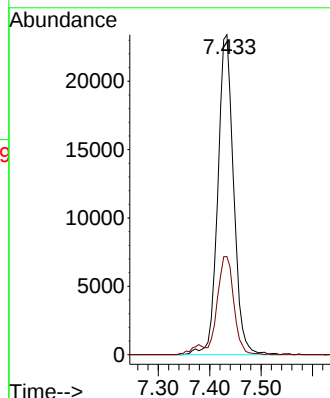
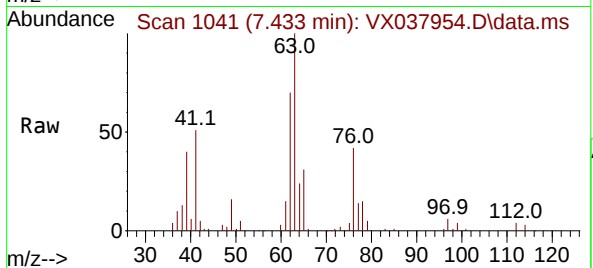
65 30.6 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#46

Dibromomethane

Concen: 20.064 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX037954.D

Acq: 28 Sep 2023 16:35

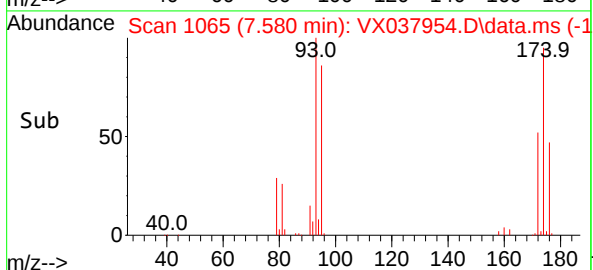
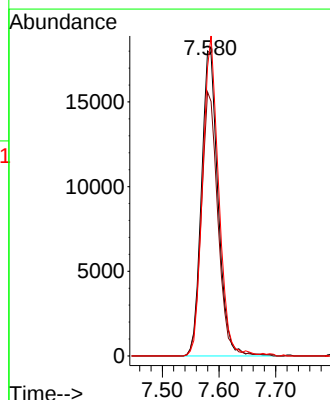
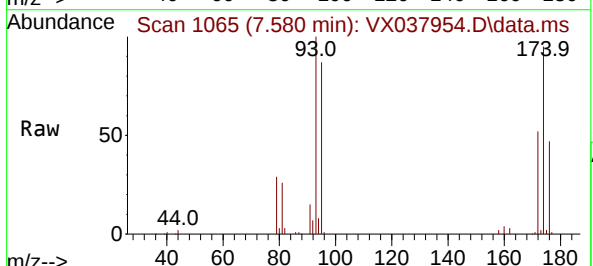
Tgt Ion: 93 Resp: 36751

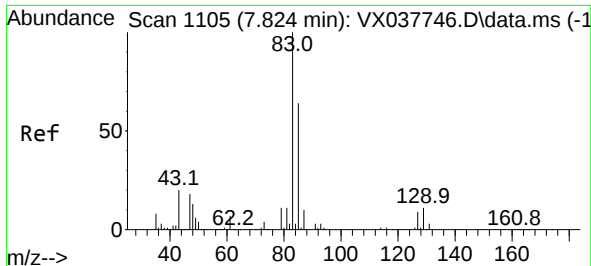
Ion Ratio Lower Upper

93 100

95 86.3 66.6 100.0

174 101.0 69.4 104.0





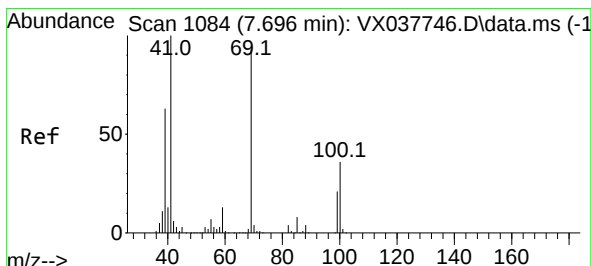
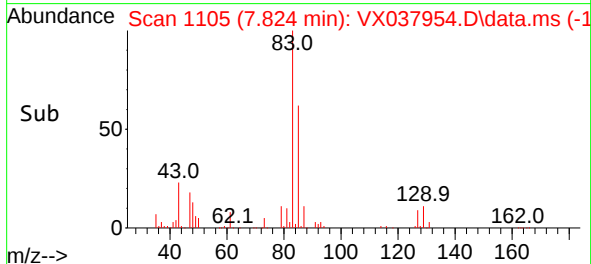
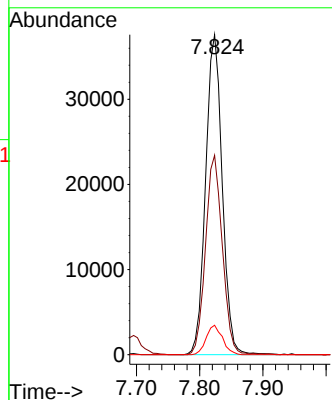
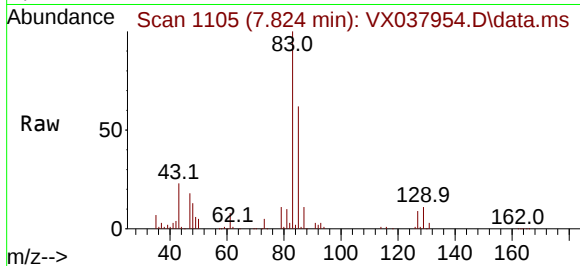
#47
Bromodichloromethane
Concen: 20.365 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35

Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD02

Tgt Ion: 83 Resp: 6870
Ion Ratio Lower Upper
83 100
85 62.3 49.8 74.6
127 9.2 7.1 10.7

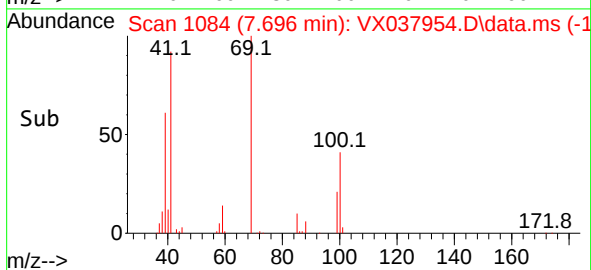
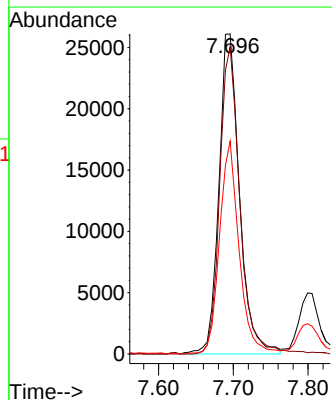
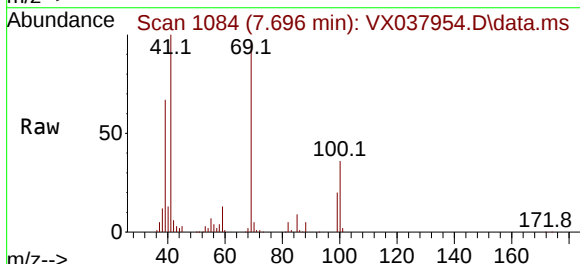
Manual Integrations
APPROVED

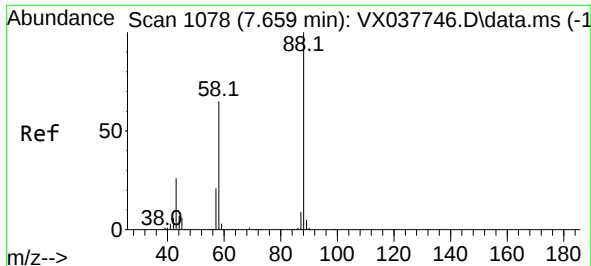
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#48
Methyl methacrylate
Concen: 18.722 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.006 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35

Tgt Ion: 41 Resp: 50166
Ion Ratio Lower Upper
41 100
69 94.0 59.2 88.8
39 63.0 47.7 71.5





#49

1,4-Dioxane

Concen: 385.472 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.012 min

Lab File: VX037954.D

Acq: 28 Sep 2023 16:35

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBSD02

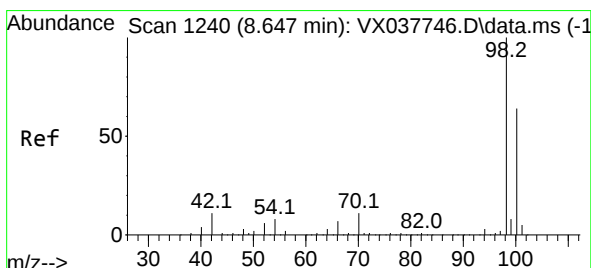
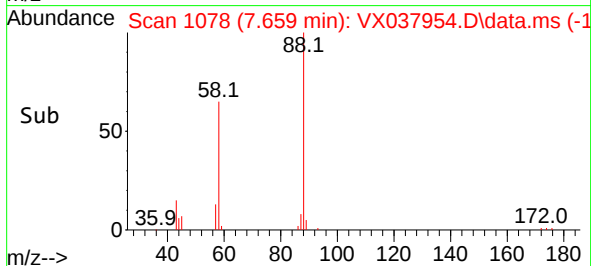
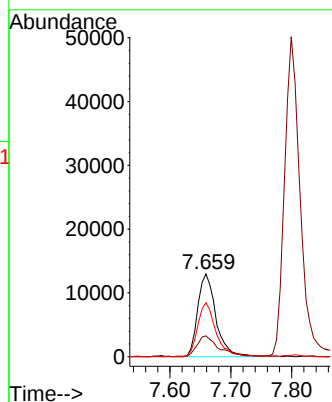
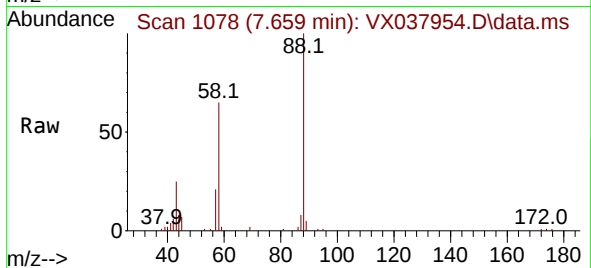
Tgt Ion: 88 Resp: 27078
 Ion Ratio Lower Upper
 88 100
 43 30.3 0.0 0.0
 58 65.2 60.1 90.1

Manual Integrations

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Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#50

Toluene-d8

Concen: 51.066 ug/l

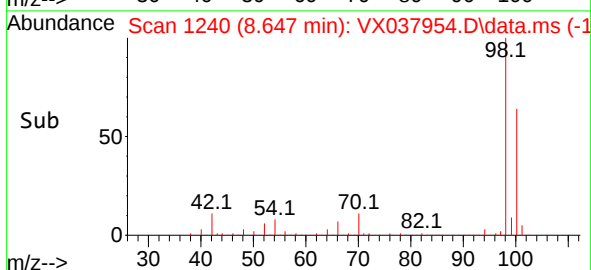
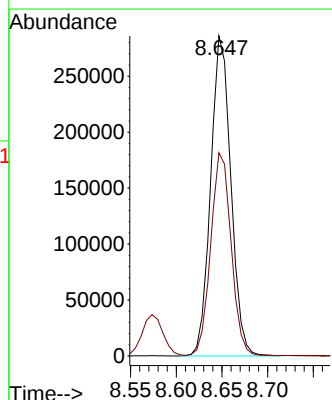
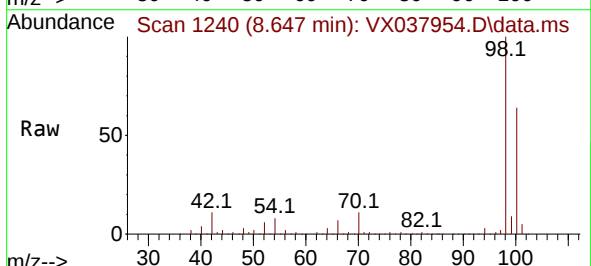
RT: 8.647 min Scan# 1240

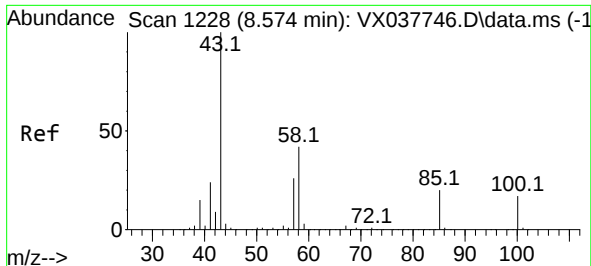
Delta R.T. -0.000 min

Lab File: VX037954.D

Acq: 28 Sep 2023 16:35

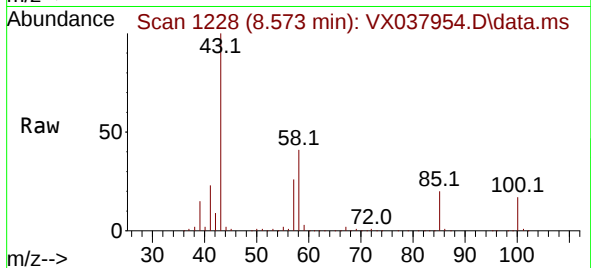
Tgt Ion: 98 Resp: 439186
 Ion Ratio Lower Upper
 98 100
 100 63.9 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 97.878 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35

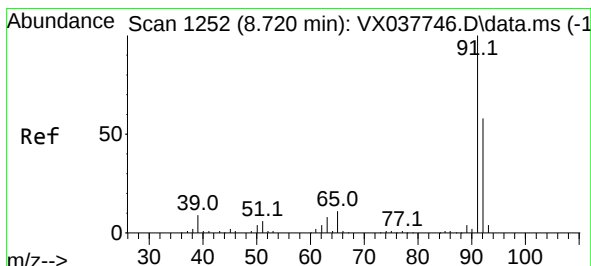
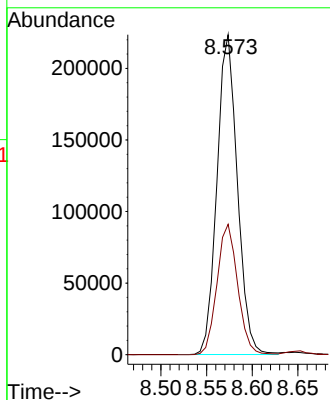
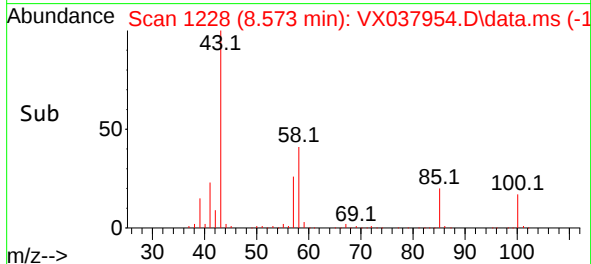
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD02



Tgt Ion: 43 Resp: 348070
Ion Ratio Lower Upper
43 100
58 41.2 30.4 45.6

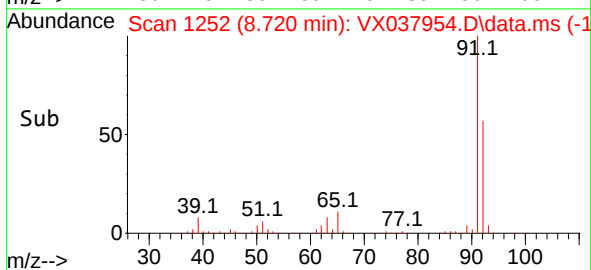
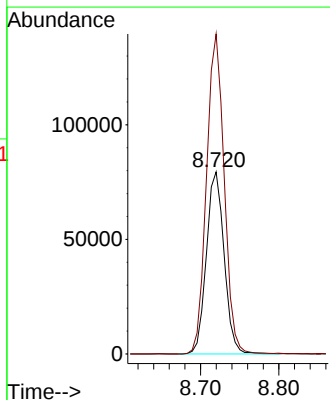
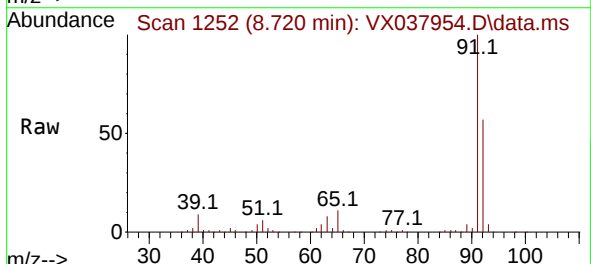
Manual Integrations
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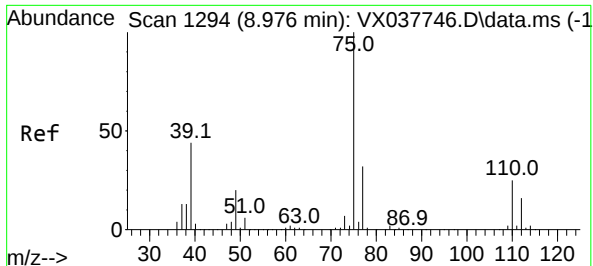
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#52
Toluene
Concen: 19.743 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35

Tgt Ion: 92 Resp: 124761
Ion Ratio Lower Upper
92 100
91 175.6 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 19.793 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.012 min

Lab File: VX037954.D

Acq: 28 Sep 2023 16:35

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBSD02

Tgt Ion: 75 Resp: 69819

Ion Ratio Lower Upper

75 100

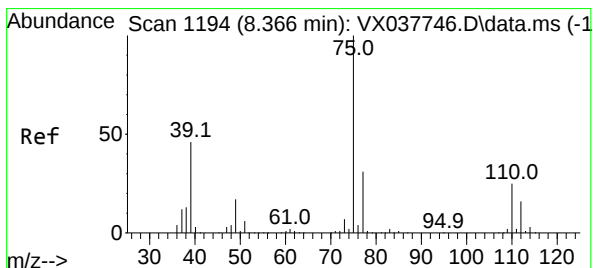
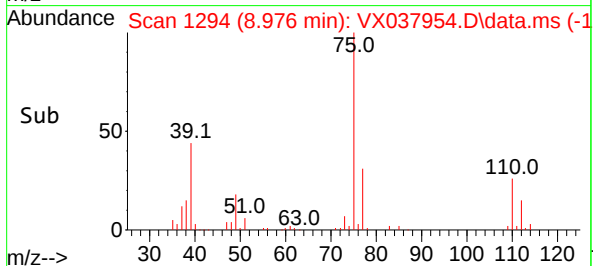
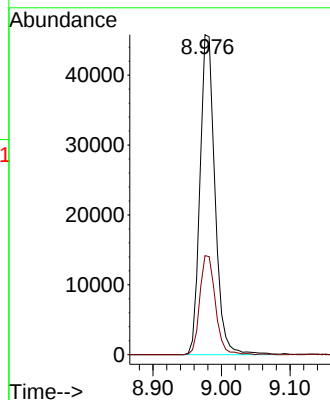
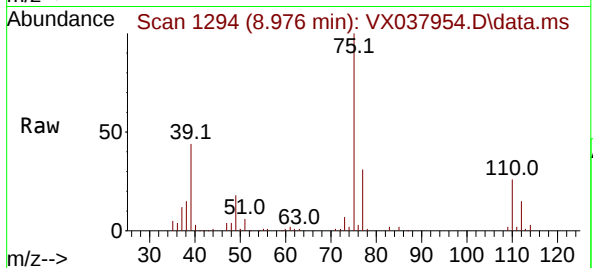
77 31.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#54

cis-1,3-Dichloropropene

Concen: 19.683 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX037954.D

Acq: 28 Sep 2023 16:35

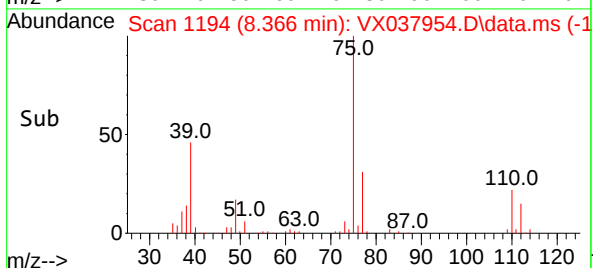
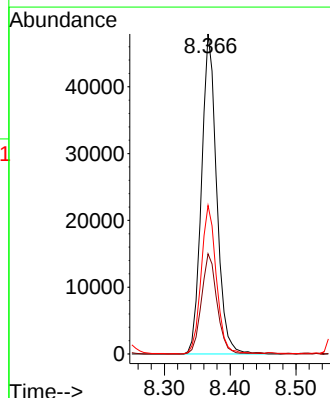
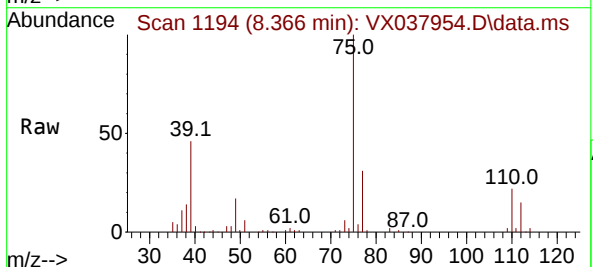
Tgt Ion: 75 Resp: 76840

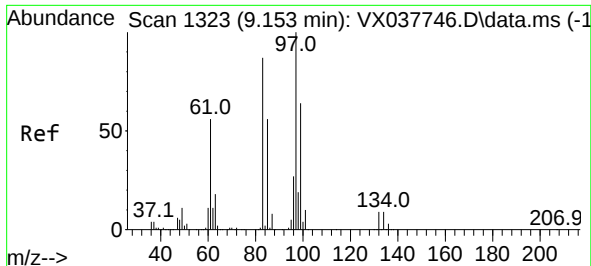
Ion Ratio Lower Upper

75 100

77 31.3 25.3 37.9

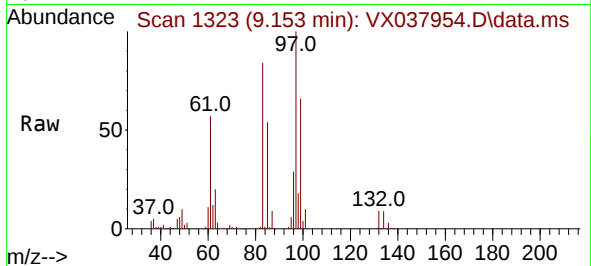
39 46.4 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 20.832 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35

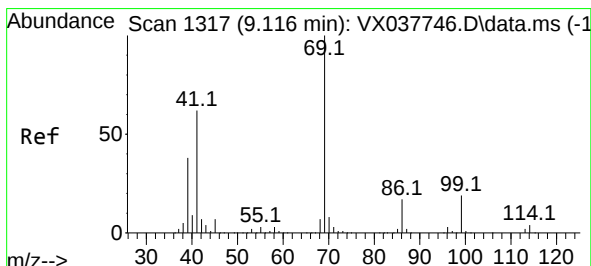
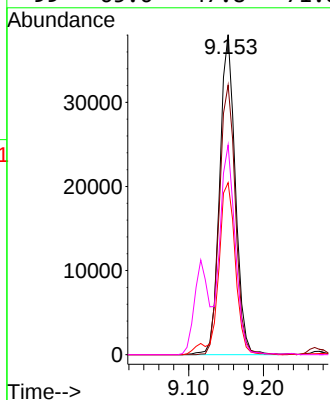
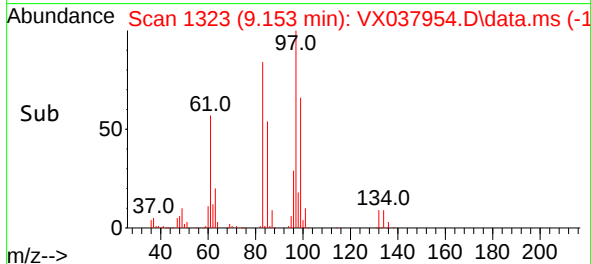
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD02



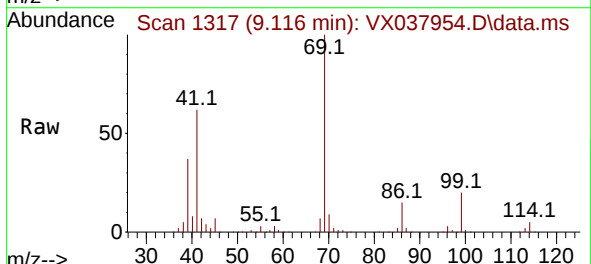
Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.3	65.8	98.8
85	53.8	41.6	62.4
99	65.6	47.8	71.8

Manual Integrations
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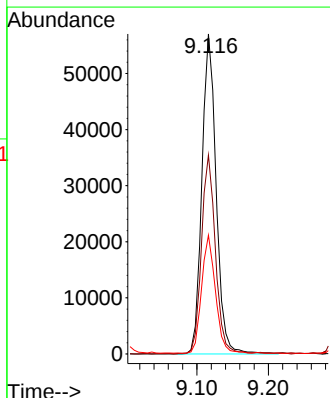
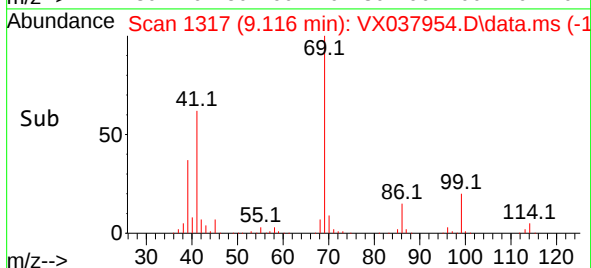
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023

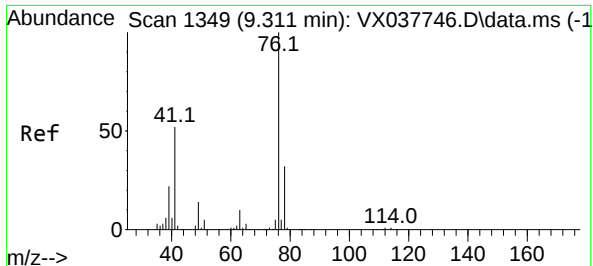


#56
Ethyl methacrylate
Concen: 19.860 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35



Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.2	56.8	85.2
39	35.8	32.0	48.0





#57

1,3-Dichloropropane

Concen: 20.409 ug/l

RT: 9.311 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VX037954.D

Acq: 28 Sep 2023 16:35

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBSD02

Tgt Ion: 76 Resp: 87992

Ion Ratio Lower Upper

76 100

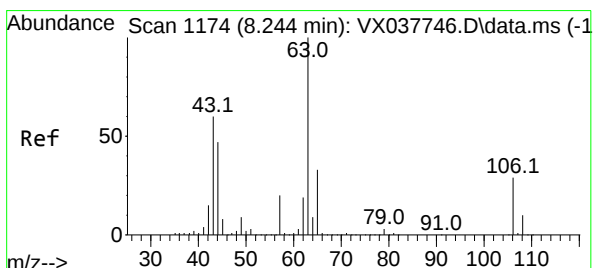
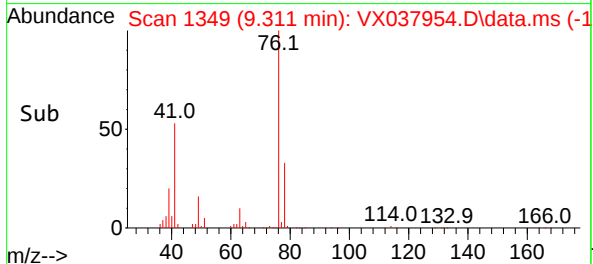
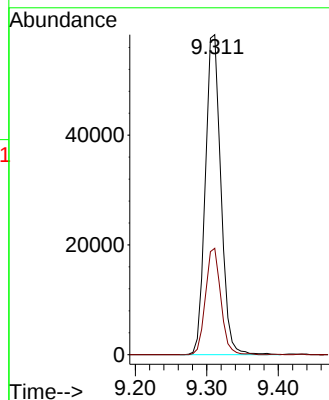
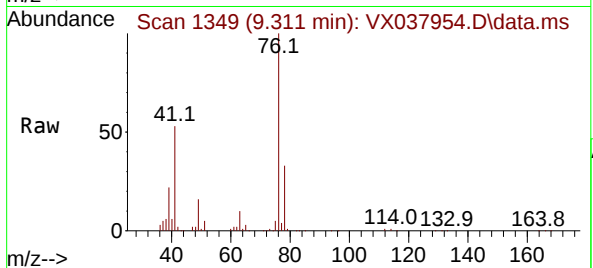
78 32.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#58

2-Chloroethyl Vinyl ether

Concen: 87.639 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX037954.D

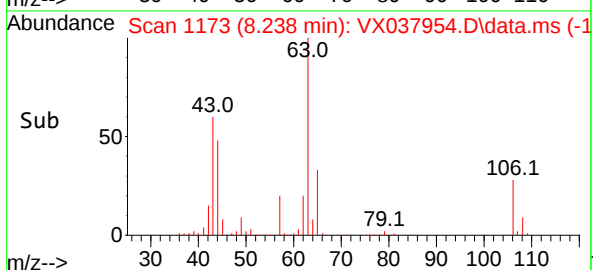
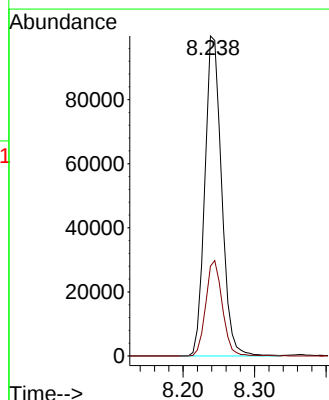
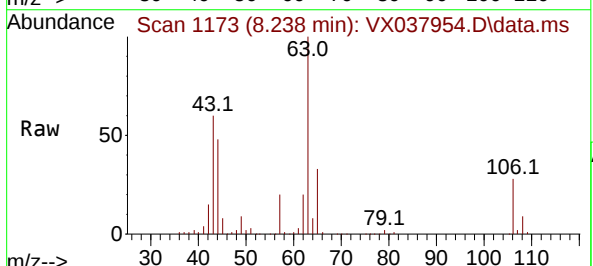
Acq: 28 Sep 2023 16:35

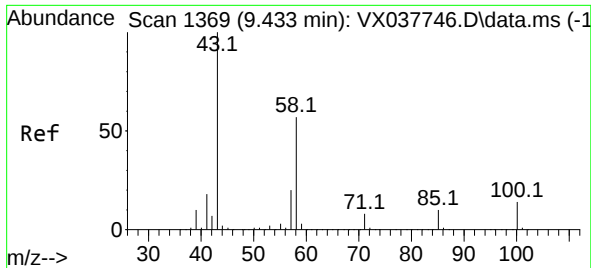
Tgt Ion: 63 Resp: 162769

Ion Ratio Lower Upper

63 100

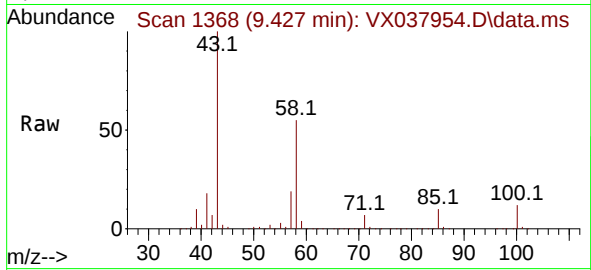
106 29.5 22.5 33.7





#59
2-Hexanone
Concen: 95.779 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35

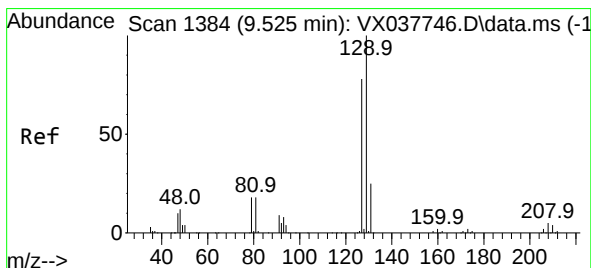
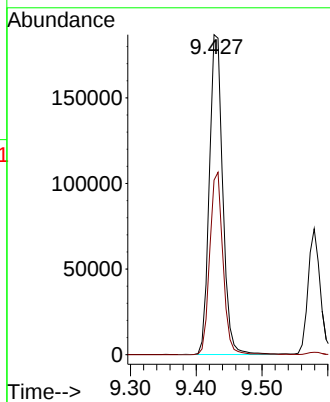
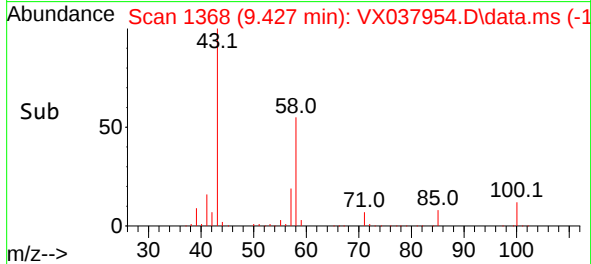
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD02



Tgt Ion: 43 Resp: 265200
Ion Ratio Lower Upper
43 100
58 56.2 26.2 78.5

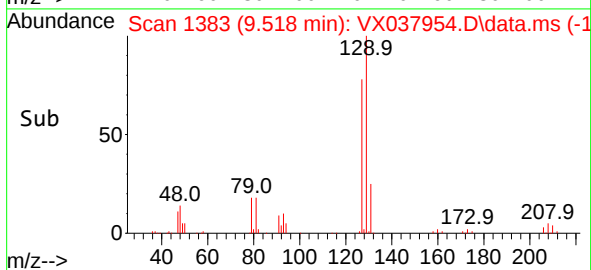
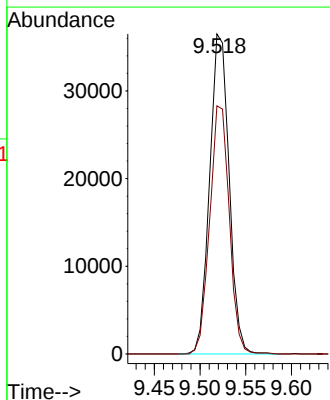
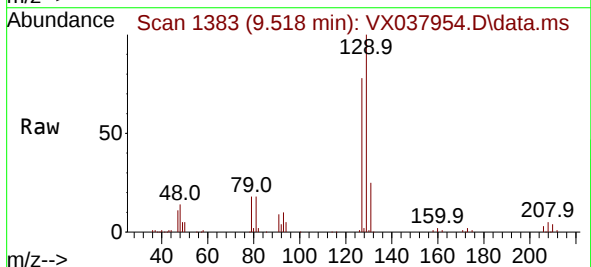
Manual Integrations
APPROVED

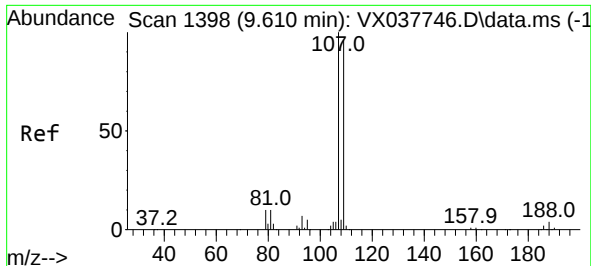
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#60
Dibromochloromethane
Concen: 20.332 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35

Tgt Ion:129 Resp: 53964
Ion Ratio Lower Upper
129 100
127 78.0 38.8 116.4





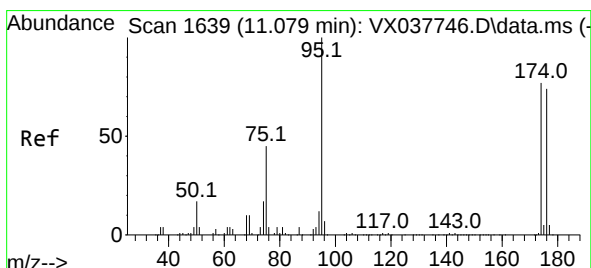
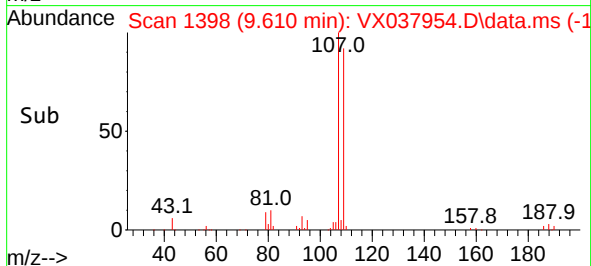
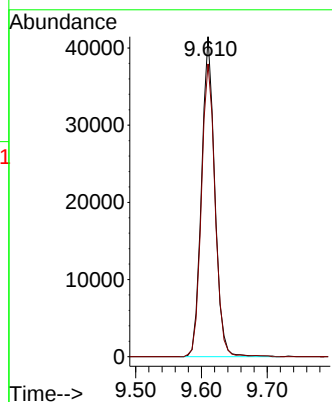
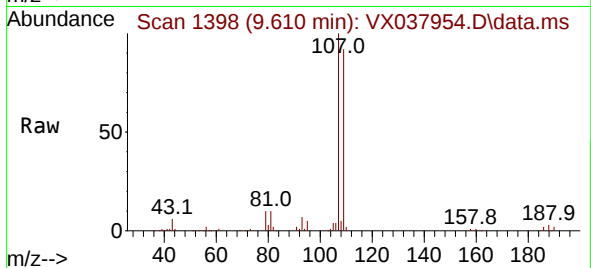
#61
1,2-Dibromoethane
Concen: 20.554 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35

Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD02

Tgt Ion:107 Resp: 57979
Ion Ratio Lower Upper
107 100
109 94.5 75.2 112.8

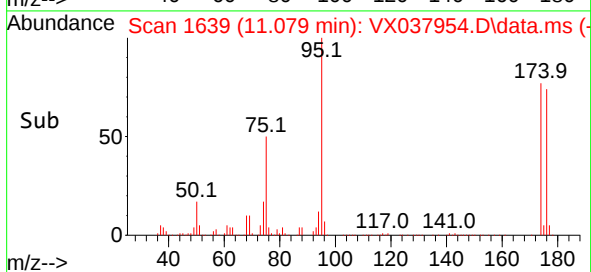
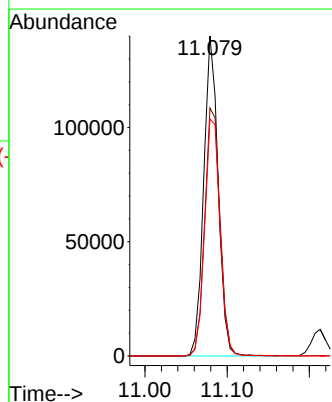
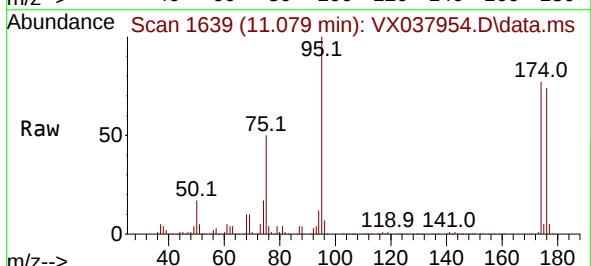
Manual Integrations
APPROVED

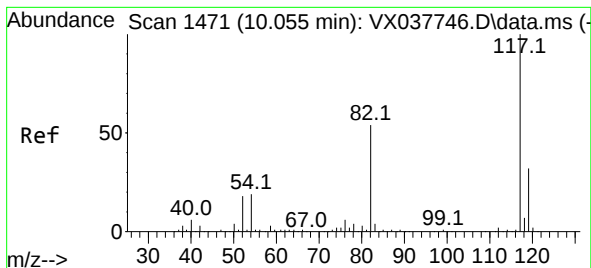
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#62
4-Bromofluorobenzene
Concen: 54.579 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35

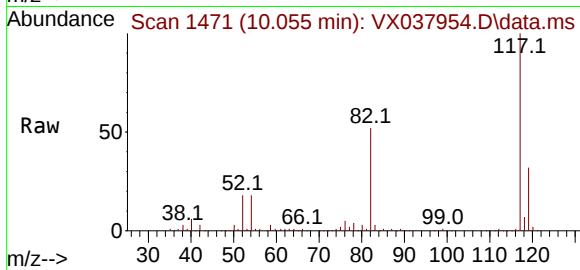
Tgt Ion: 95 Resp: 170572
Ion Ratio Lower Upper
95 100
174 82.8 0.0 135.6
176 79.1 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35

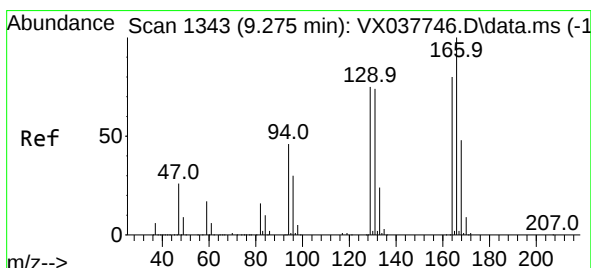
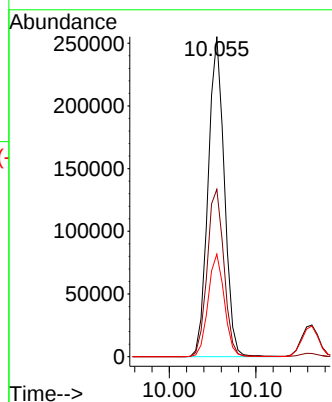
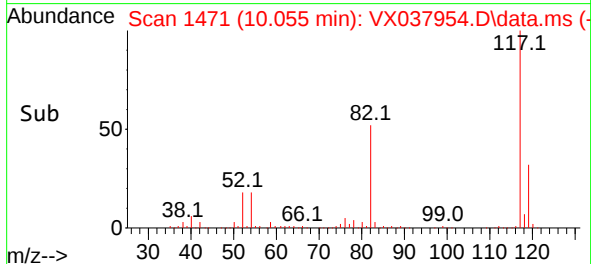
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD02



Tgt Ion:117 Resp: 330889
Ion Ratio Lower Upper
117 100
82 52.3 46.2 69.4
119 32.1 25.5 38.3

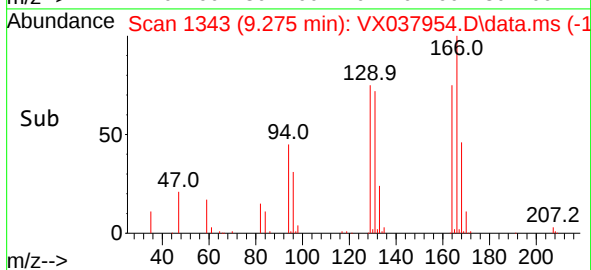
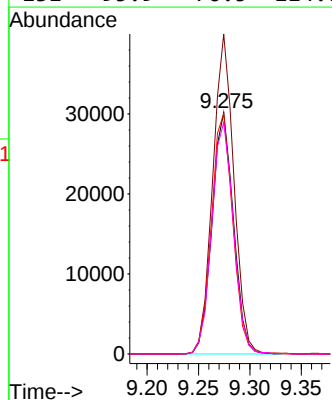
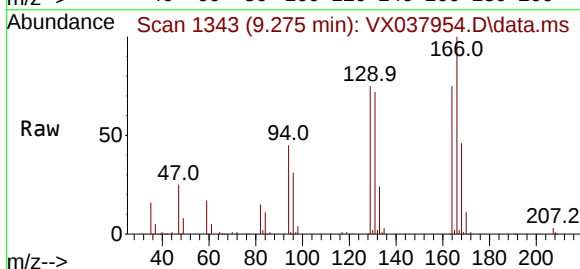
Manual Integrations
APPROVED

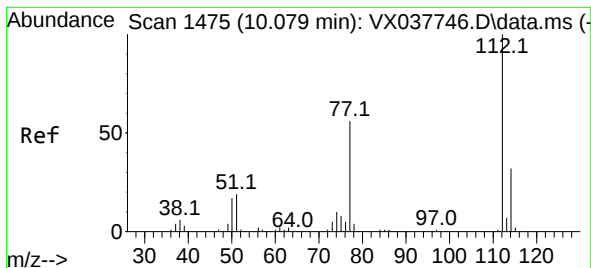
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#64
Tetrachloroethene
Concen: 19.337 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35

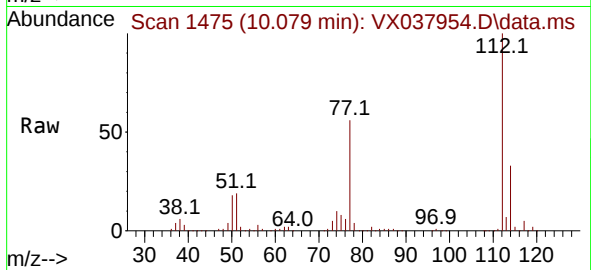
Tgt Ion:164 Resp: 43636
Ion Ratio Lower Upper
164 100
166 132.6 102.7 154.1
129 99.6 80.4 120.6
131 95.9 76.5 114.7





#65
Chlorobenzene
Concen: 19.896 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35

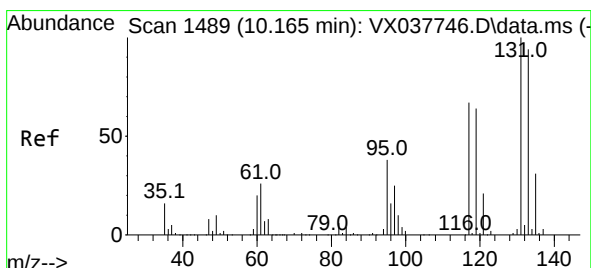
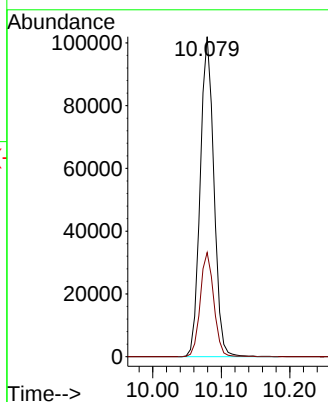
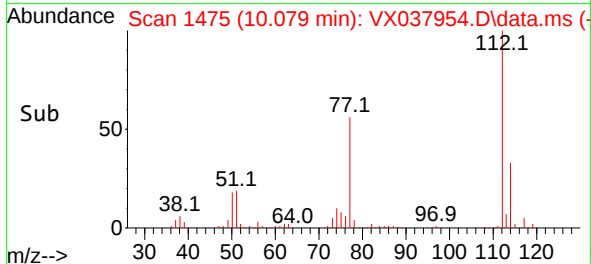
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD02



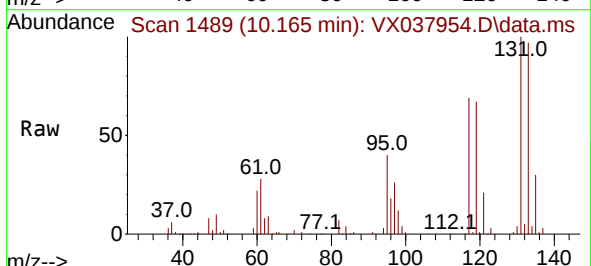
Tgt Ion:112 Resp: 14200
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5

Manual Integrations
APPROVED

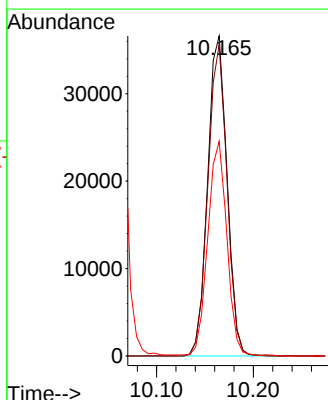
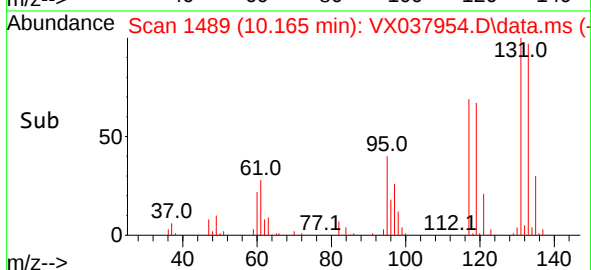
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023

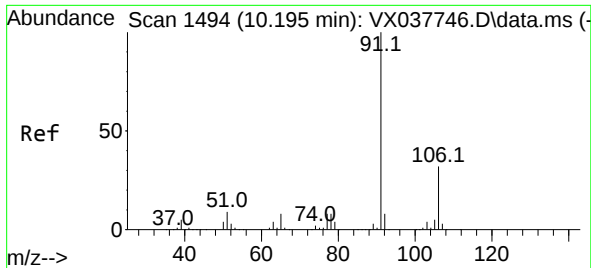


#66
1,1,1,2-Tetrachloroethane
Concen: 20.138 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35



Tgt Ion:131 Resp: 50935
Ion Ratio Lower Upper
131 100
133 95.8 47.1 141.4
119 66.1 32.2 96.6





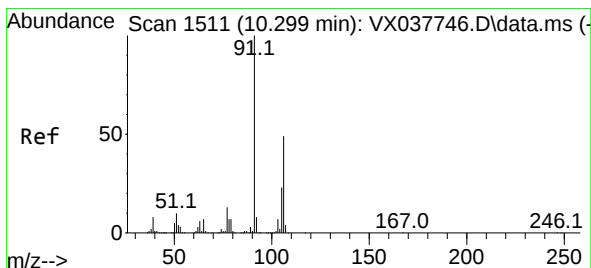
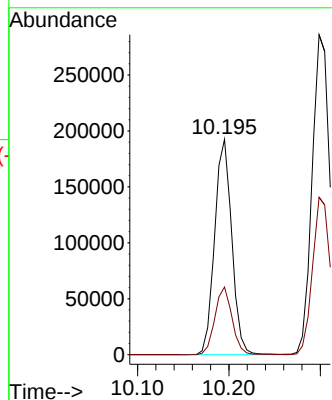
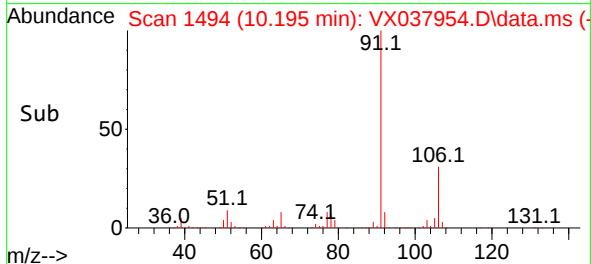
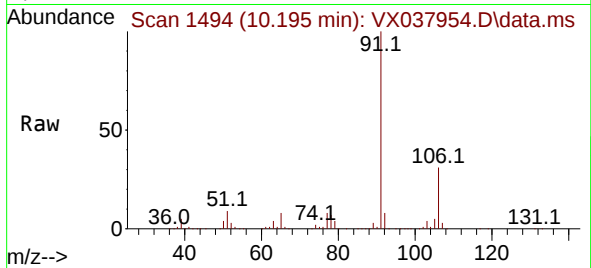
#67
Ethyl Benzene
Concen: 20.237 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35

Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD02

Tgt Ion: 91 Resp: 250411
Ion Ratio Lower Upper
91 100
106 31.4 24.9 37.3

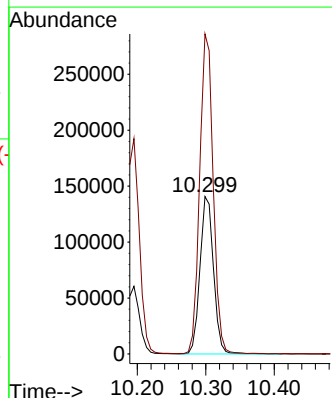
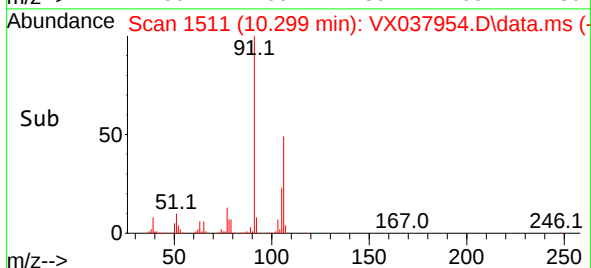
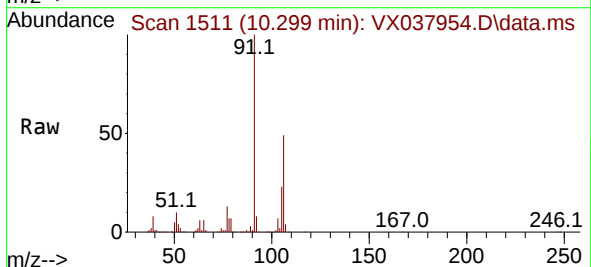
Manual Integrations
APPROVED

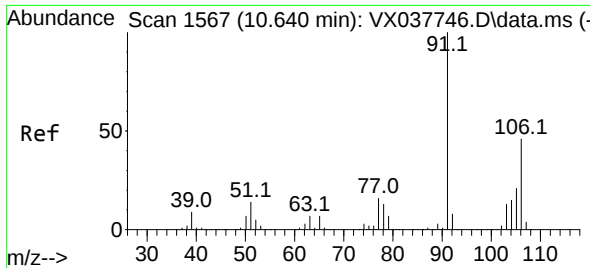
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#68
m/p-Xylenes
Concen: 40.339 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35

Tgt Ion:106 Resp: 192883
Ion Ratio Lower Upper
106 100
91 203.6 165.5 248.3





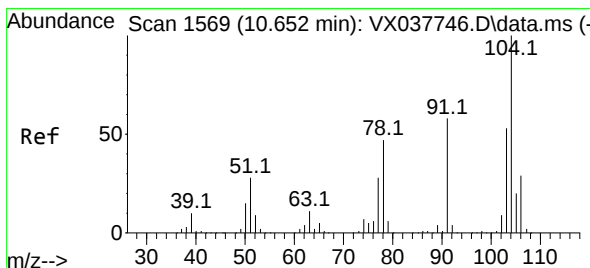
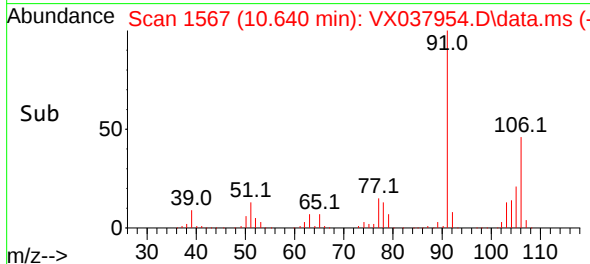
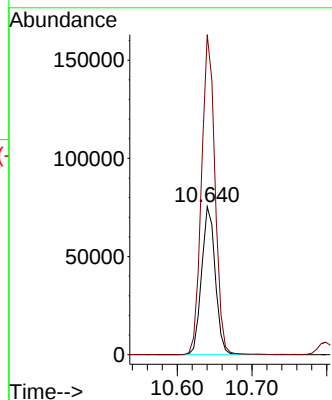
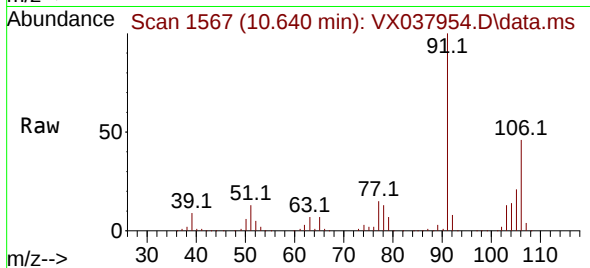
#69
o-Xylene
Concen: 19.979 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35

Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD02

Tgt Ion:106 Resp: 9579
Ion Ratio Lower Upper
106 100
91 213.4 108.9 326.8

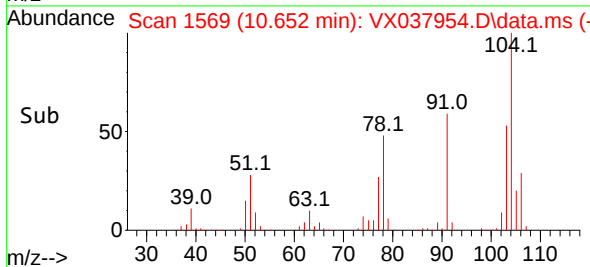
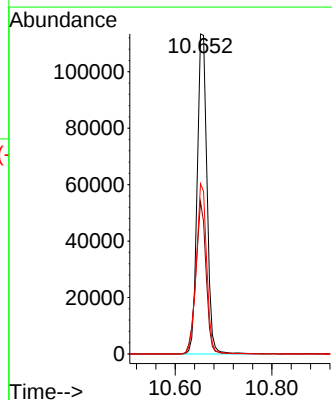
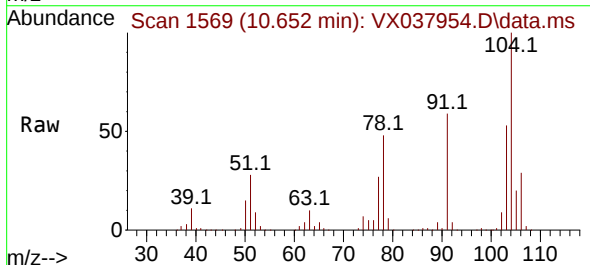
Manual Integrations
APPROVED

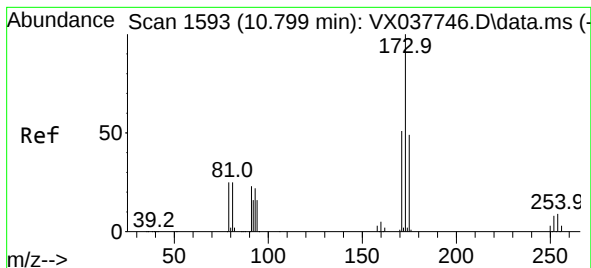
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#70
Styrene
Concen: 20.710 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35

Tgt Ion:104 Resp: 159421
Ion Ratio Lower Upper
104 100
78 49.7 43.6 65.4
103 56.4 43.6 65.4





#71

Bromoform

Concen: 19.418 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037954.D

Acq: 28 Sep 2023 16:35

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBSD02

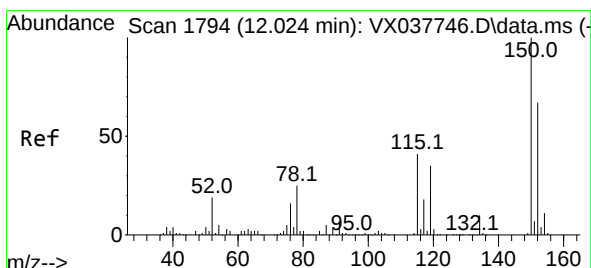
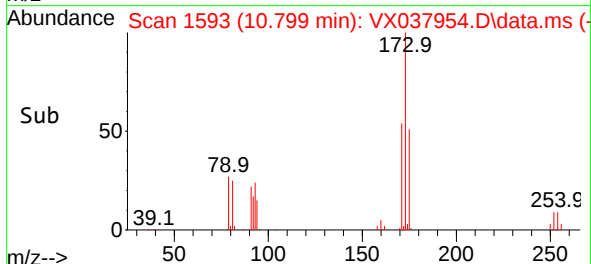
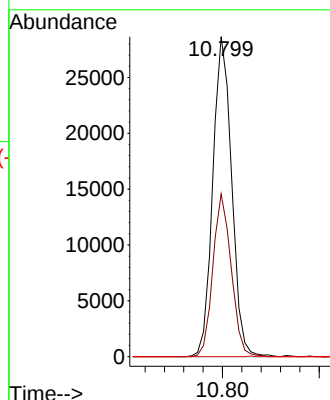
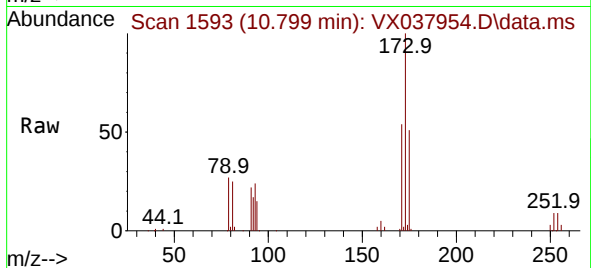
Tgt Ion:173	Resp:	38798
Ion Ratio	Lower	Upper
173	100	
175	49.2	24.1 72.4
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

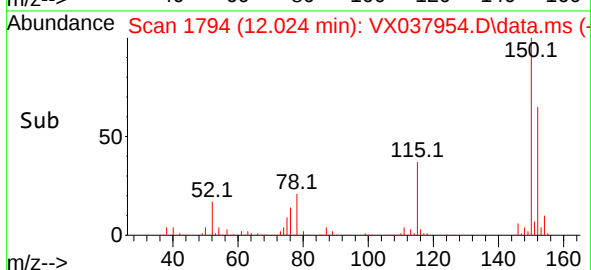
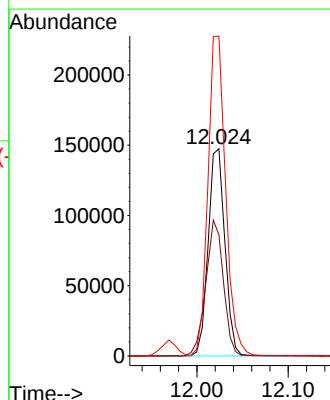
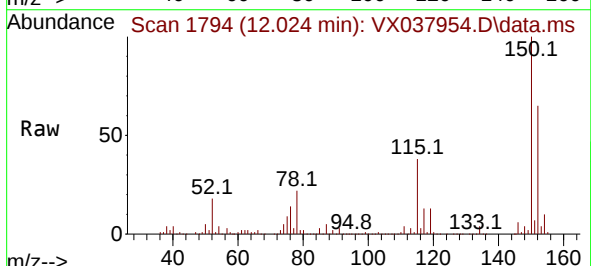
RT: 12.024 min Scan# 1794

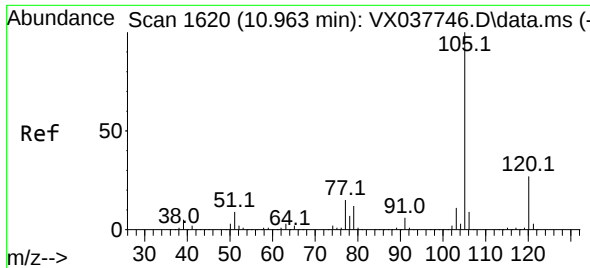
Delta R.T. -0.000 min

Lab File: VX037954.D

Acq: 28 Sep 2023 16:35

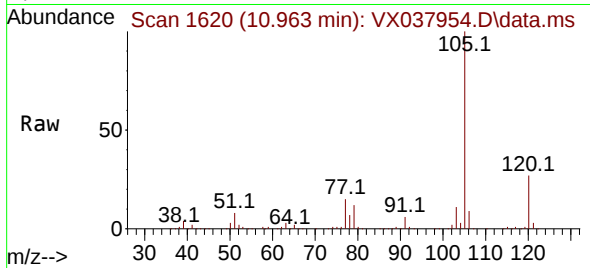
Tgt Ion:152	Resp:	187747
Ion Ratio	Lower	Upper
152	100	
115	69.0	43.3 129.9
150	163.4	0.0 345.0





#73
Isopropylbenzene
Concen: 18.344 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35

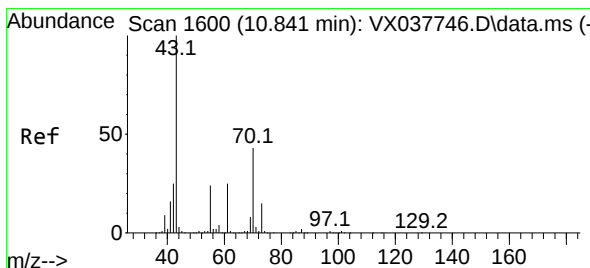
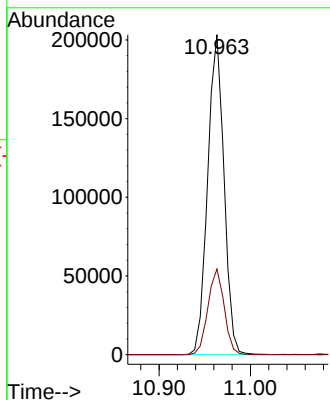
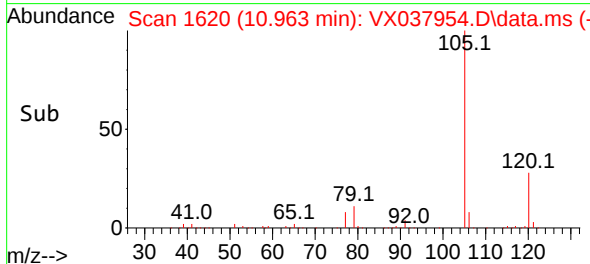
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD02



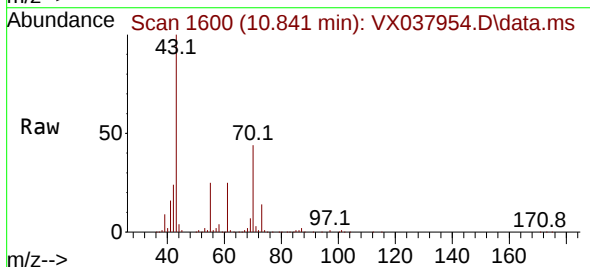
Tgt Ion:105 Resp: 252678
Ion Ratio Lower Upper
105 100
120 26.6 12.9 38.6

Manual Integrations
APPROVED

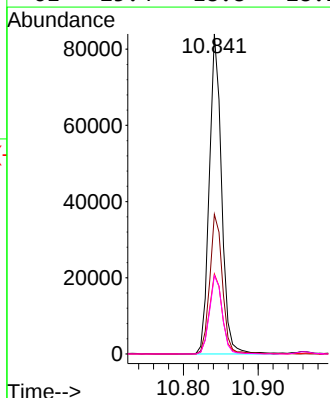
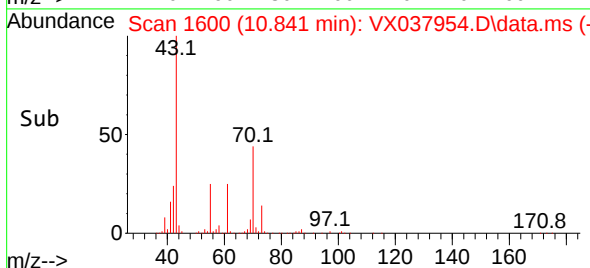
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023

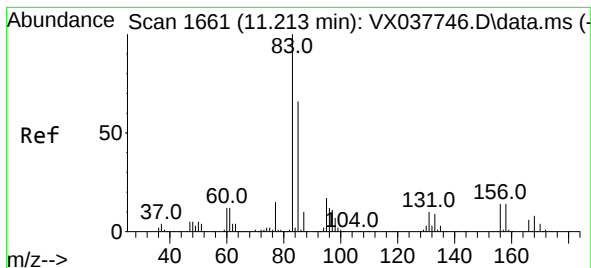


#74
N-ethyl acetate
Concen: 17.232 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.006 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35



Tgt Ion: 43 Resp: 96126
Ion Ratio Lower Upper
43 100
70 45.1 32.9 49.3
55 26.2 19.3 28.9
61 25.4 18.8 28.2





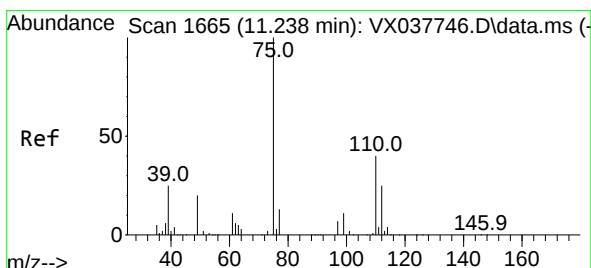
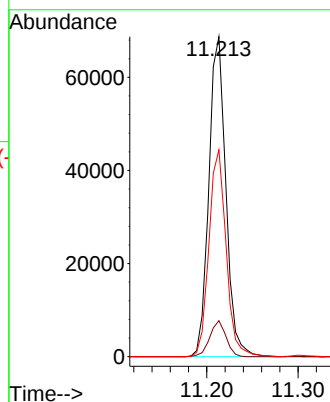
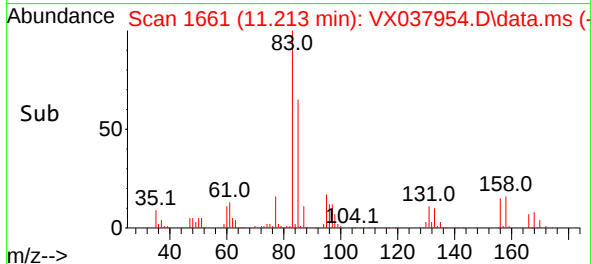
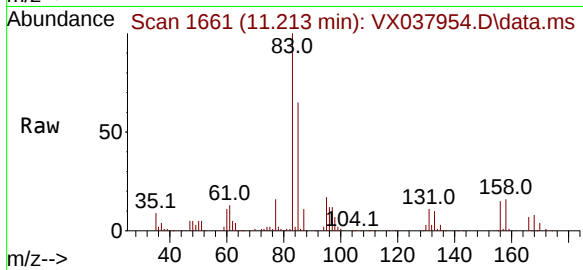
#75
1,1,2,2-Tetrachloroethane
Concen: 18.314 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35

Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD02

Tgt Ion: 83 Resp: 88719
Ion Ratio Lower Upper
83 100
131 10.7 5.3 15.8
85 65.3 32.0 96.2

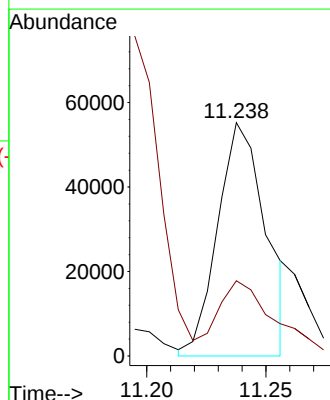
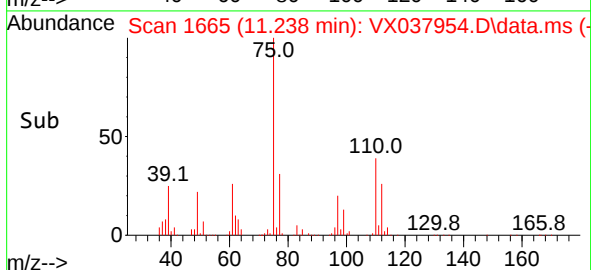
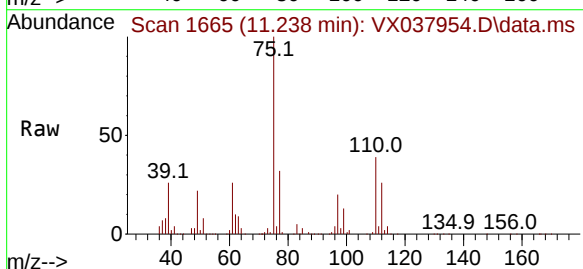
Manual Integrations
APPROVED

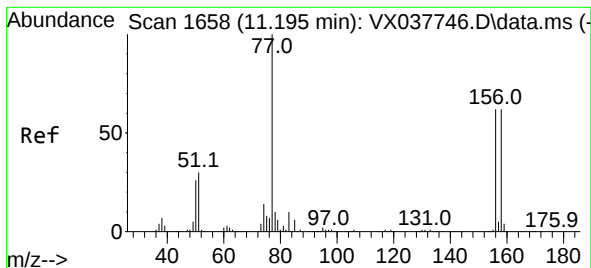
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#76
1,2,3-Trichloropropane
Concen: 17.885 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35

Tgt Ion: 75 Resp: 77662
Ion Ratio Lower Upper
75 100
77 38.2 19.1 57.5





#77

Bromobenzene

Concen: 19.149 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX037954.D

Acq: 28 Sep 2023 16:35

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBSD02

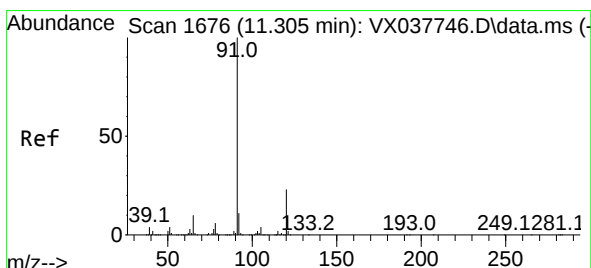
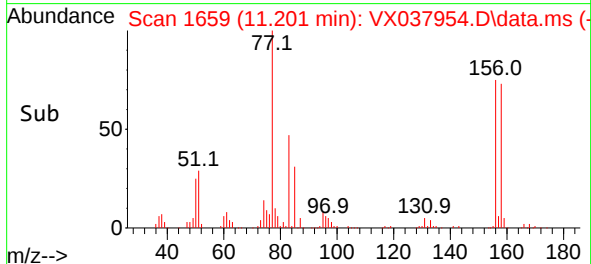
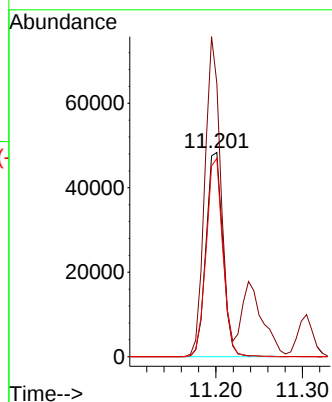
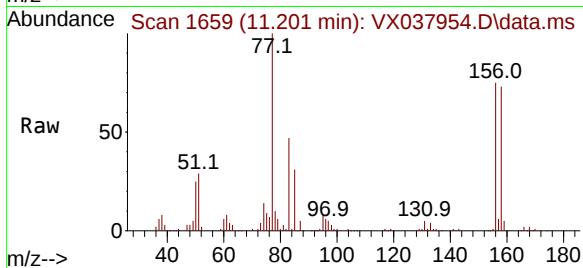
Tgt Ion:	156	Resp:	6528
Ion Ratio	Lower	Upper	
156	100		
77	148.3	88.4	265.3
158	96.4	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#78

n-propylbenzene

Concen: 19.409 ug/l

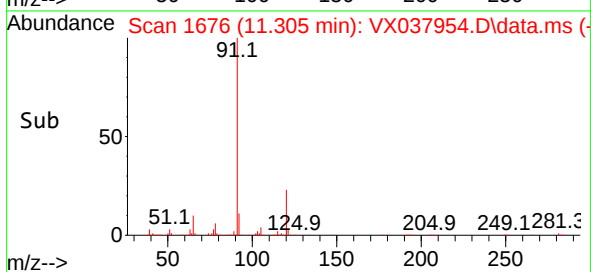
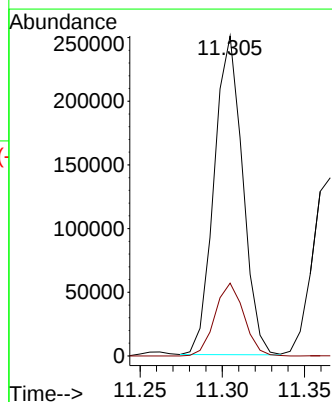
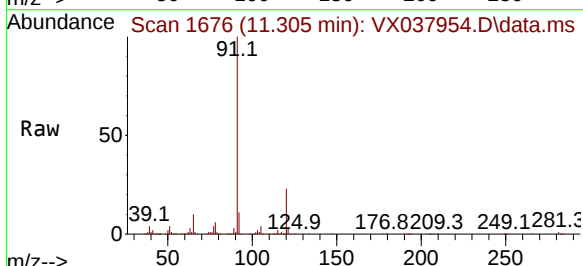
RT: 11.305 min Scan# 1676

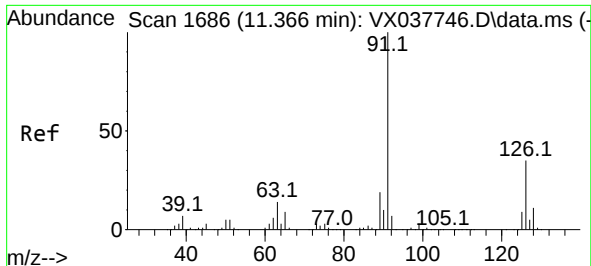
Delta R.T. -0.000 min

Lab File: VX037954.D

Acq: 28 Sep 2023 16:35

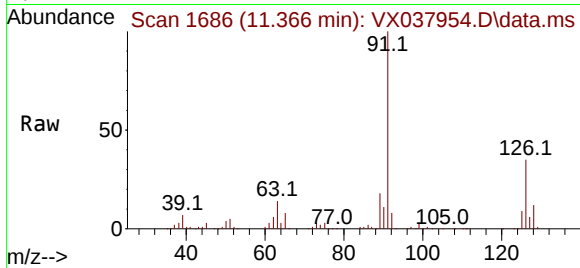
Tgt Ion:	91	Resp:	301921
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.5	34.4





#79
2-Chlorotoluene
Concen: 18.458 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35

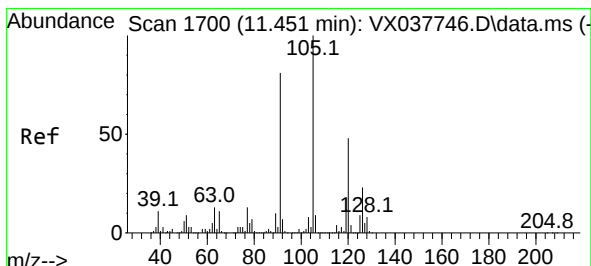
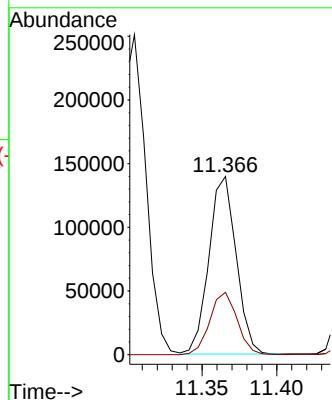
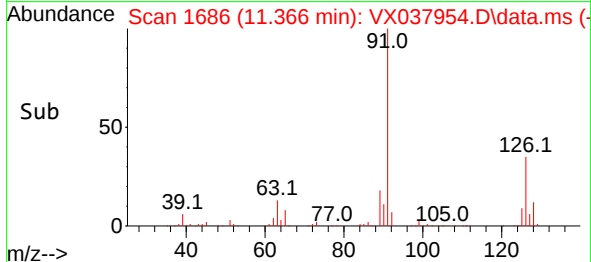
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD02



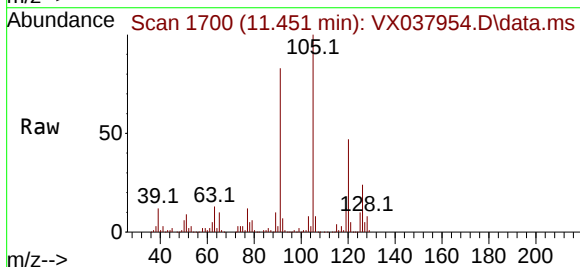
Tgt Ion: 91 Resp: 17703
Ion Ratio Lower Upper
91 100
126 35.1 16.3 48.8

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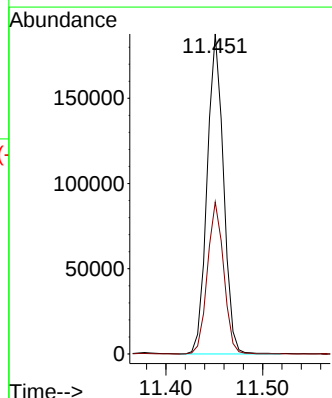
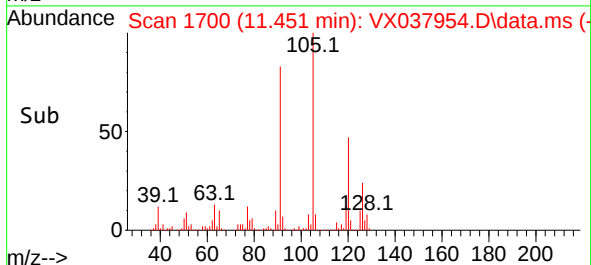
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023

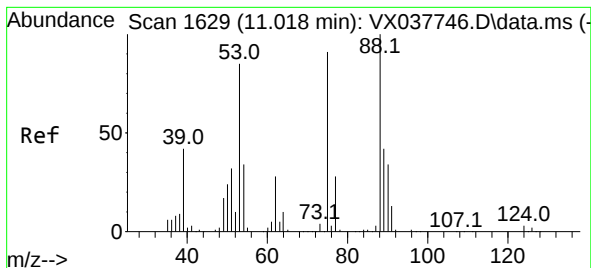


#80
1,3,5-Trimethylbenzene
Concen: 19.024 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35



Tgt Ion:105 Resp: 221286
Ion Ratio Lower Upper
105 100
120 47.2 24.1 72.3





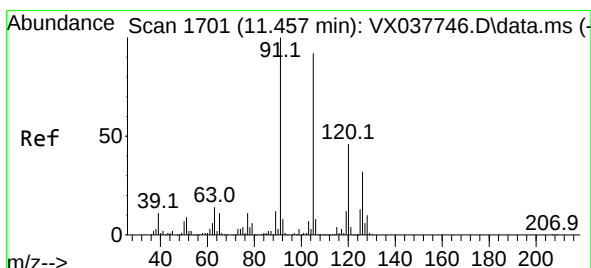
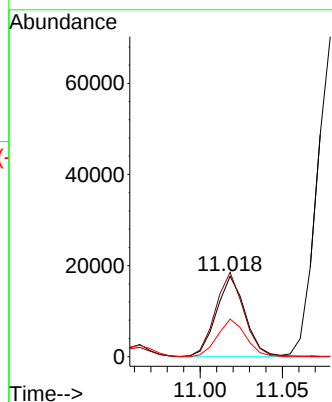
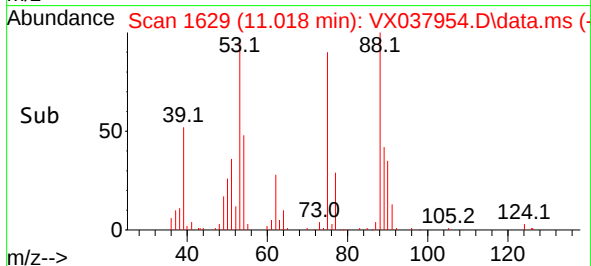
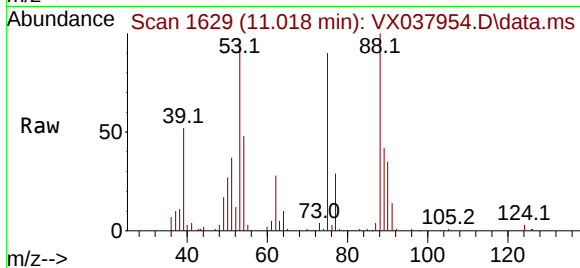
#81
trans-1,4-Dichloro-2-butene
Concen: 15.911 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35

Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD02

Tgt Ion: 75 Resp: 21568
Ion Ratio Lower Upper
75 100
53 104.4 90.5 135.7
89 45.6 36.9 55.3

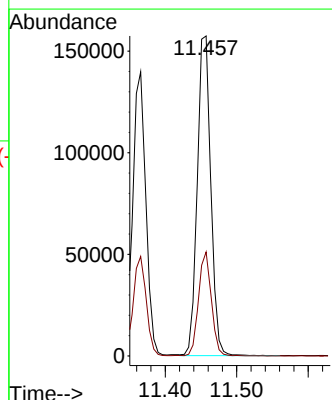
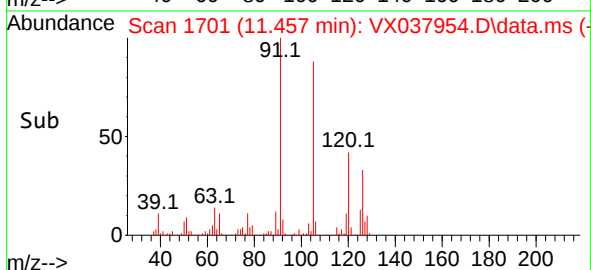
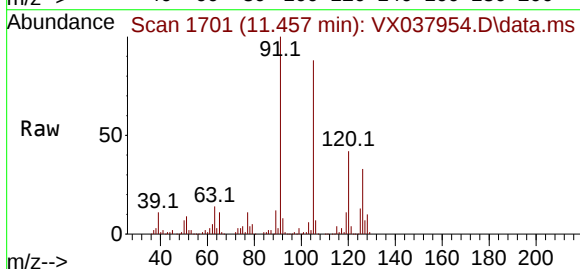
Manual Integrations
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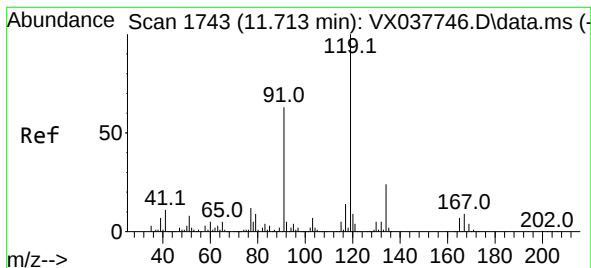
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#82
4-Chlorotoluene
Concen: 19.123 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35

Tgt Ion: 91 Resp: 206492
Ion Ratio Lower Upper
91 100
126 31.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 18.524 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX037954.D

Acq: 28 Sep 2023 16:35

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBSD02

Tgt Ion:119 Resp: 21777

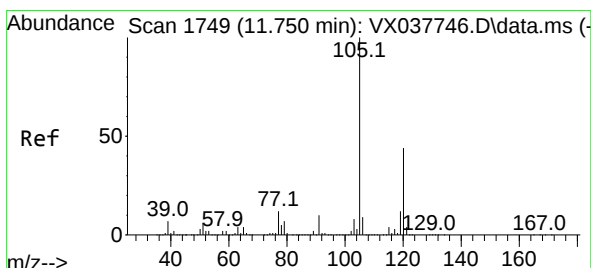
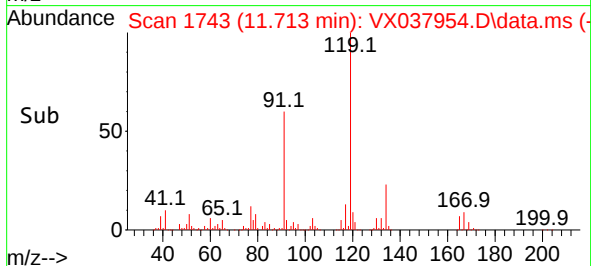
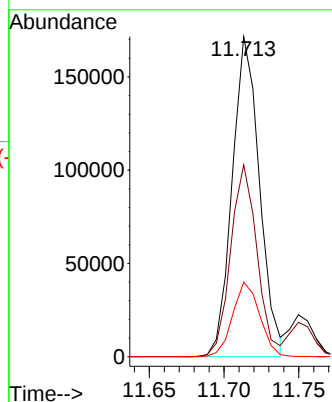
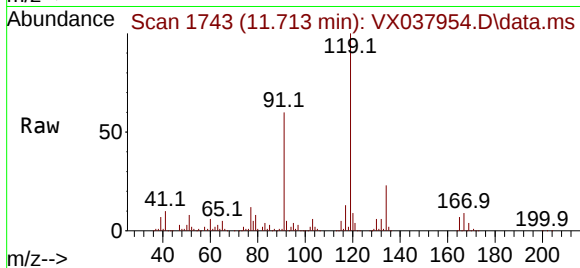
Ion	Ratio	Lower	Upper
119	100		
91	58.1	31.2	93.6
134	23.2	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#84

1,2,4-Trimethylbenzene

Concen: 19.073 ug/l

RT: 11.750 min Scan# 1749

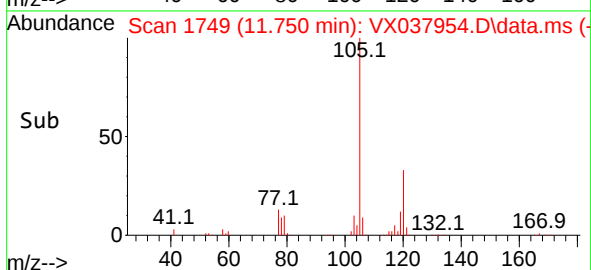
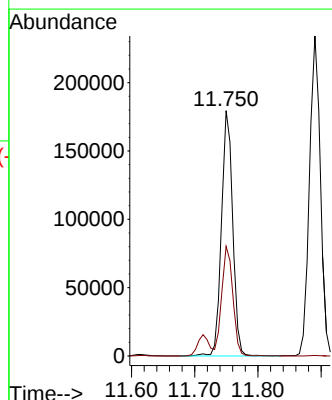
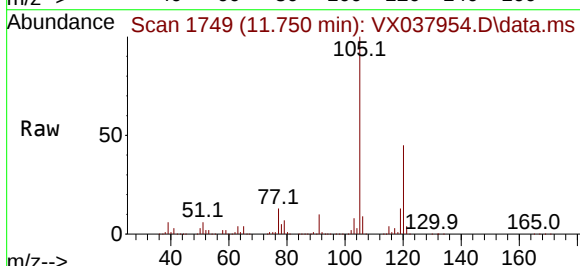
Delta R.T. -0.006 min

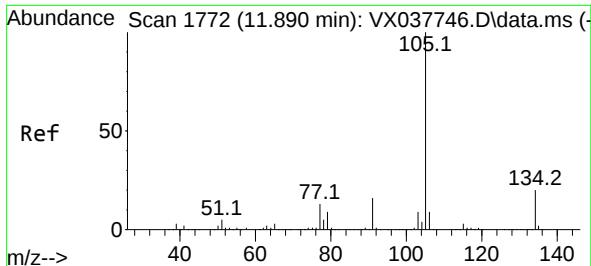
Lab File: VX037954.D

Acq: 28 Sep 2023 16:35

Tgt Ion:105 Resp: 220739

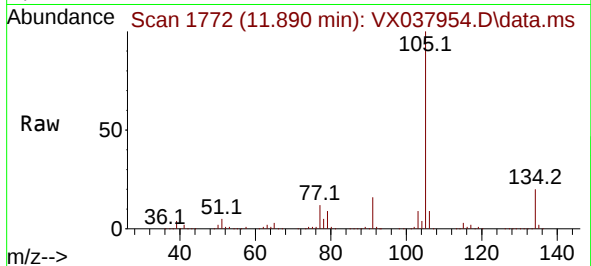
Ion	Ratio	Lower	Upper
105	100		
120	43.8	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 19.630 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX037954.D
 Acq: 28 Sep 2023 16:35

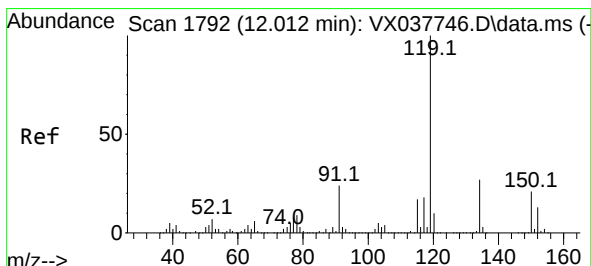
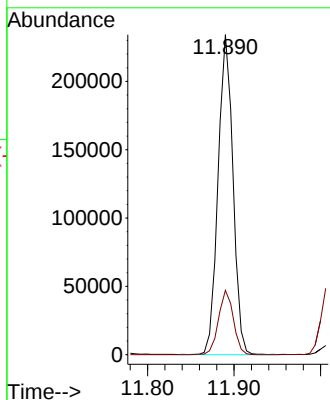
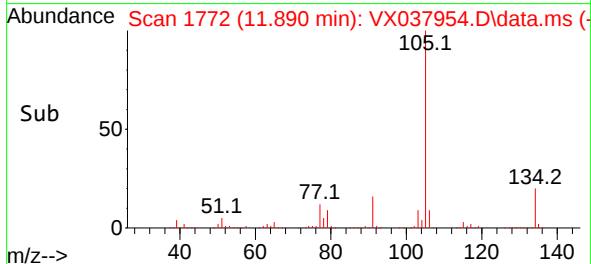
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0928WBSD02



Tgt Ion:105 Resp: 27998
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.4

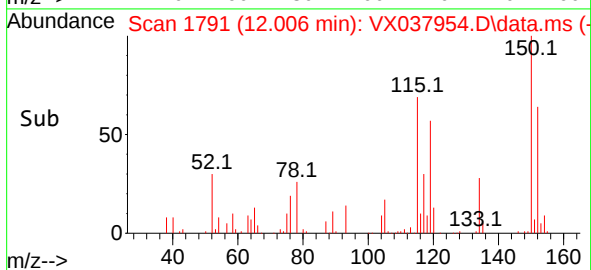
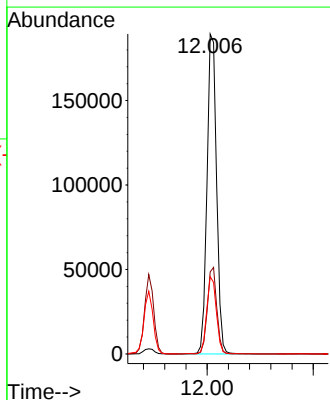
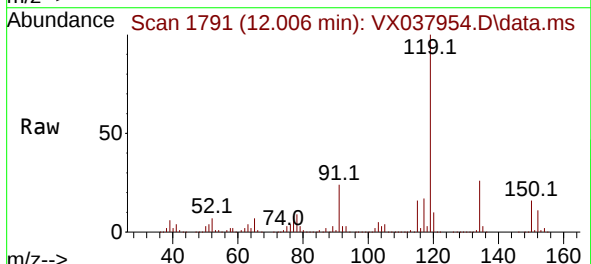
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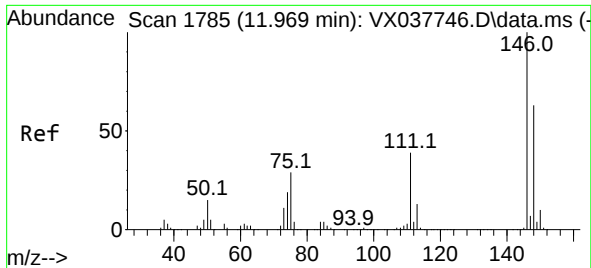
Reviewed By :John Carlone 09/29/2023
 Supervised By :Semsettin Yesilyurt 09/29/2023



#86
 p-Isopropyltoluene
 Concen: 19.885 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX037954.D
 Acq: 28 Sep 2023 16:35

Tgt Ion:119 Resp: 236297
 Ion Ratio Lower Upper
 119 100
 134 26.7 12.8 38.3
 91 24.3 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 19.858 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037954.D

Acq: 28 Sep 2023 16:35

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBSD02

Tgt Ion:146 Resp: 126200

Ion Ratio Lower Upper

146 100

111 39.8 22.1 66.1

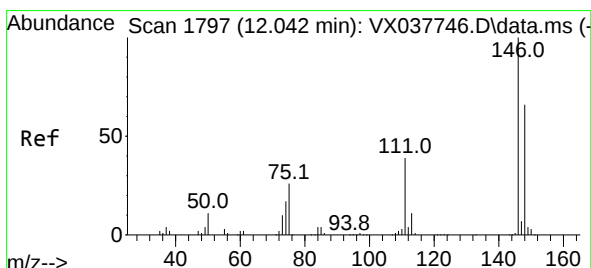
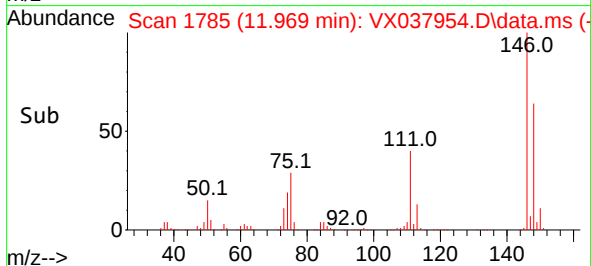
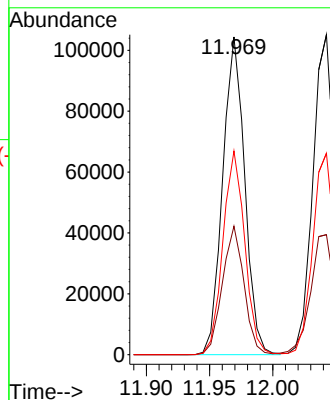
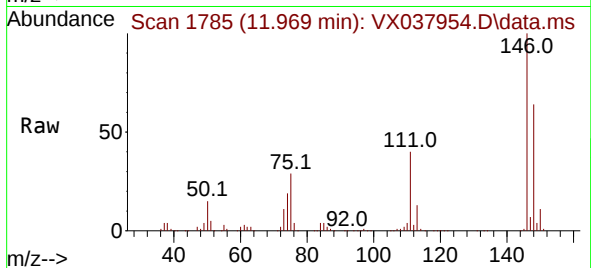
148 63.6 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#88

1,4-Dichlorobenzene

Concen: 19.950 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX037954.D

Acq: 28 Sep 2023 16:35

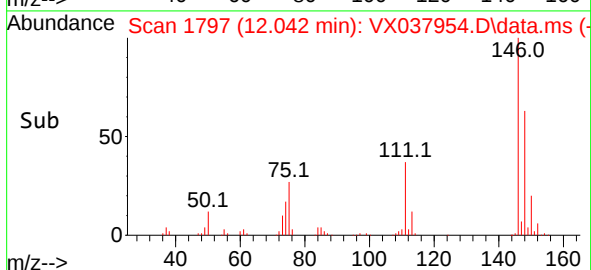
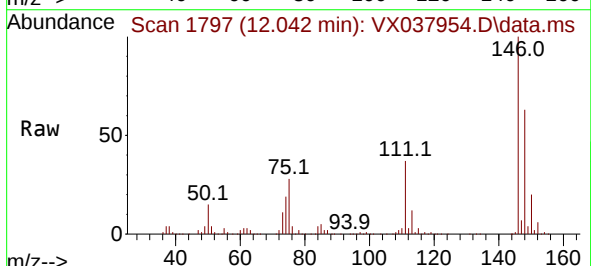
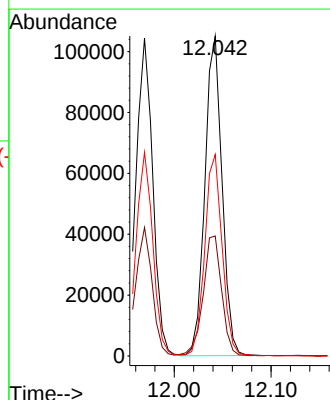
Tgt Ion:146 Resp: 129738

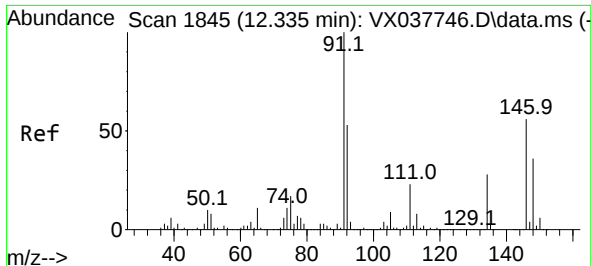
Ion Ratio Lower Upper

146 100

111 40.9 21.3 63.7

148 63.8 31.8 95.4





#89

n-Butylbenzene

Concen: 20.930 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX037954.D

Acq: 28 Sep 2023 16:35

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBSD02

Tgt Ion: 91 Resp: 21788

Ion Ratio Lower Upper

91 100

92 51.9 27.4 82.0

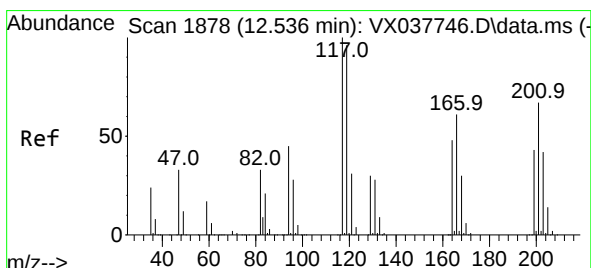
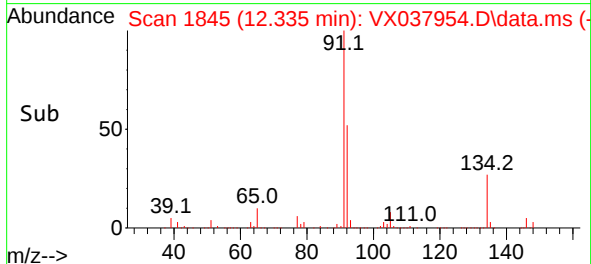
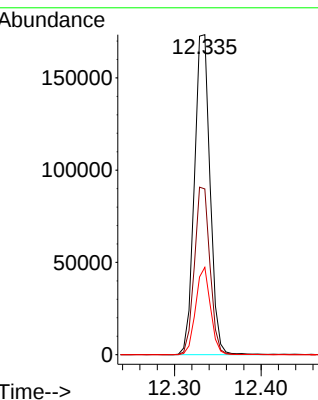
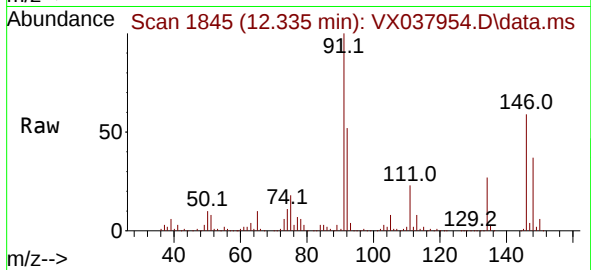
134 25.9 12.6 37.8

Manual Integrations

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Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#90

Hexachloroethane

Concen: 18.195 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX037954.D

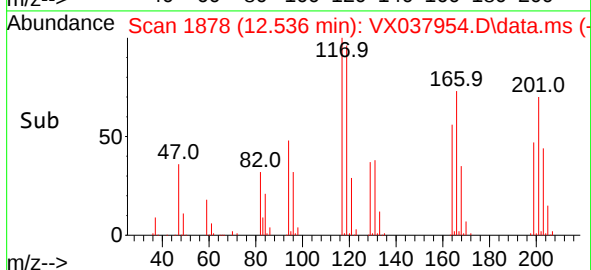
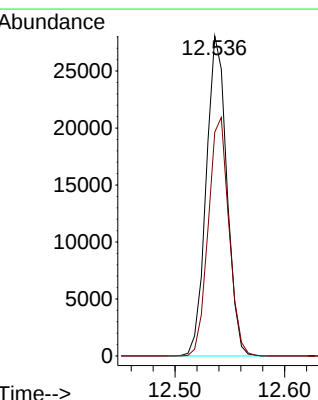
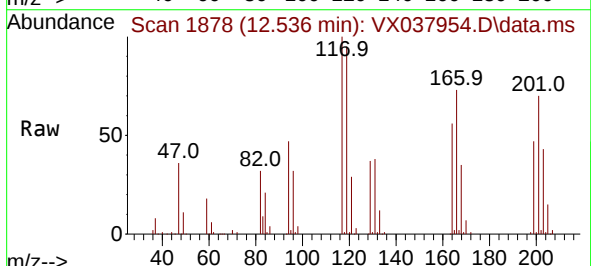
Acq: 28 Sep 2023 16:35

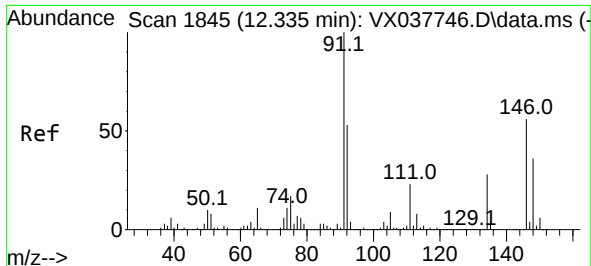
Tgt Ion:117 Resp: 36634

Ion Ratio Lower Upper

117 100

201 74.7 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 19.419 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX037954.D

Acq: 28 Sep 2023 16:35

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBSD02

Tgt Ion:146 Resp: 12600

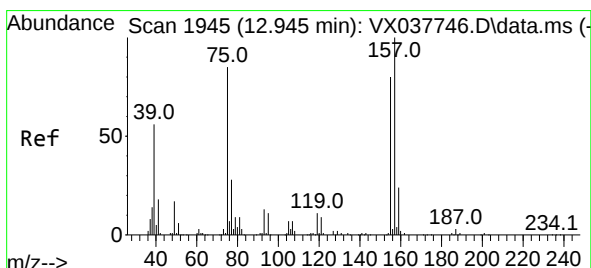
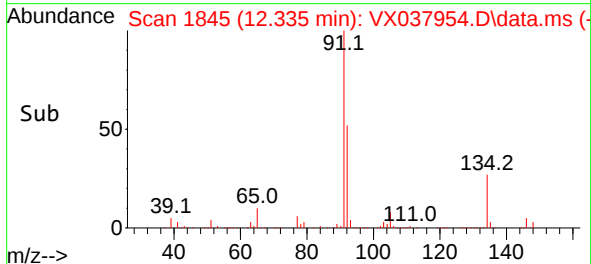
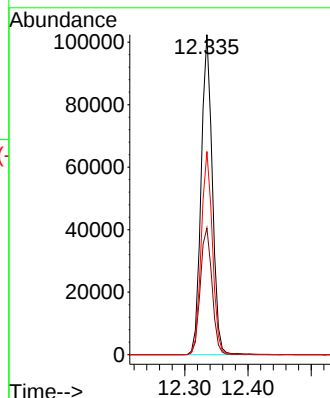
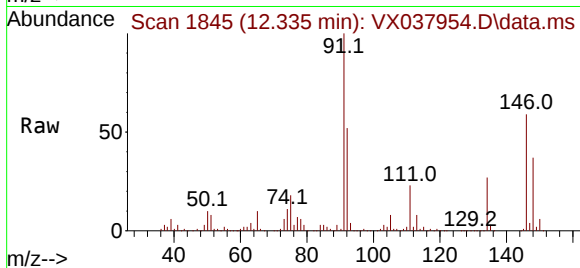
Ion	Ratio	Lower	Upper
146	100		
111	41.3	22.4	67.0
148	63.5	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.968 ug/l

RT: 12.945 min Scan# 1945

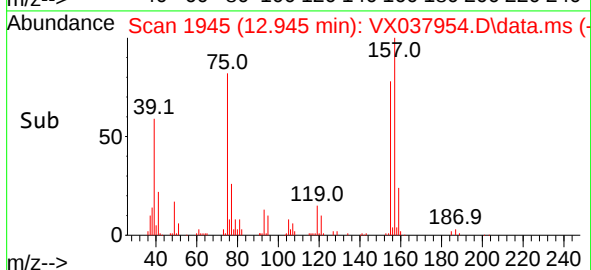
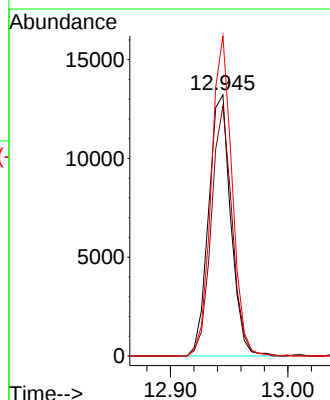
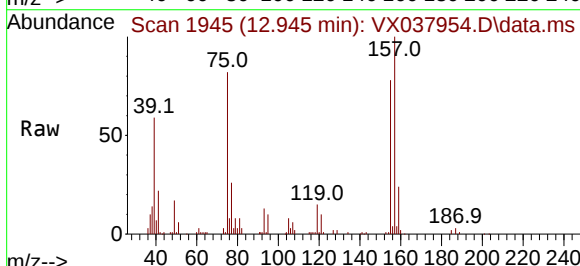
Delta R.T. 0.006 min

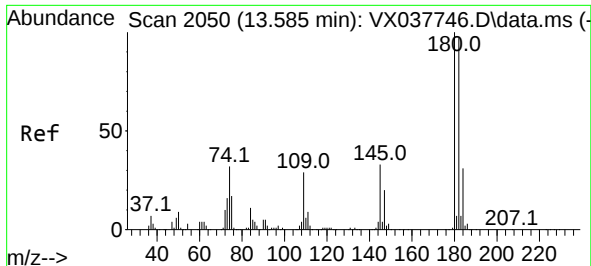
Lab File: VX037954.D

Acq: 28 Sep 2023 16:35

Tgt Ion: 75 Resp: 17350

Ion	Ratio	Lower	Upper
75	100		
155	89.7	36.1	108.5
157	114.7	44.9	134.7





#93
1,2,4-Trichlorobenzene
Concen: 22.259 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35

Instrument :

MSVOA_X

ClientSampleId :

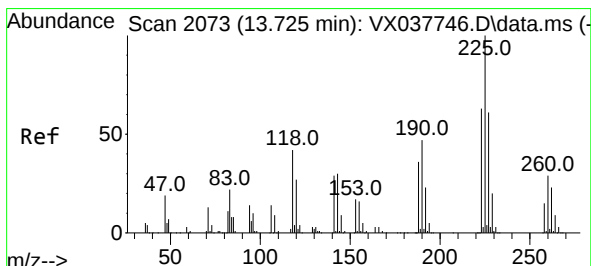
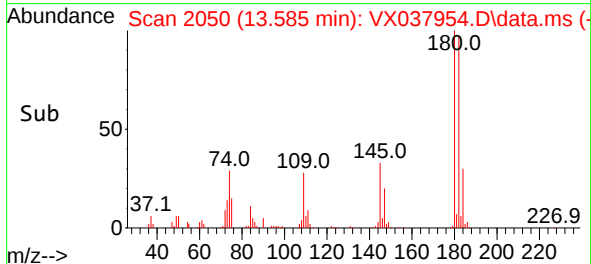
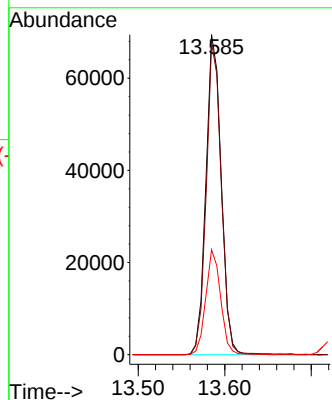
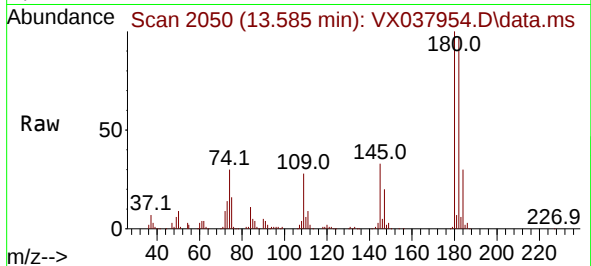
VX0928WBSD02

Tgt Ion:180 Resp: 85070
Ion Ratio Lower Upper
180 100
182 95.8 48.3 144.8
145 32.0 18.0 54.0

Manual Integrations

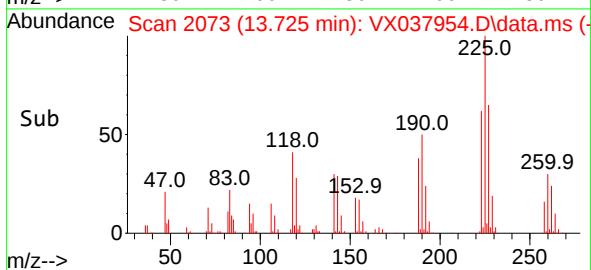
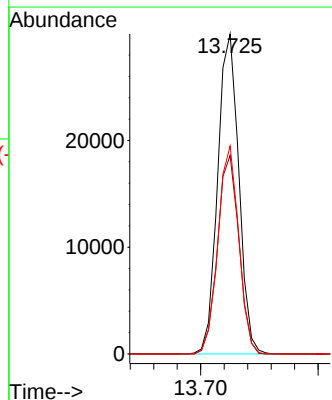
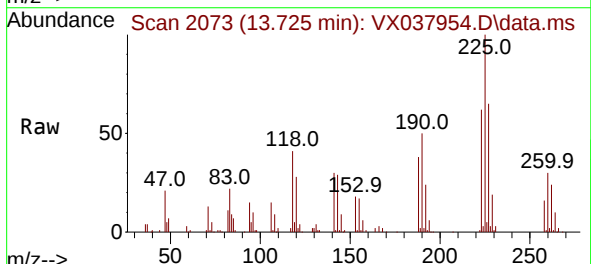
APPROVED

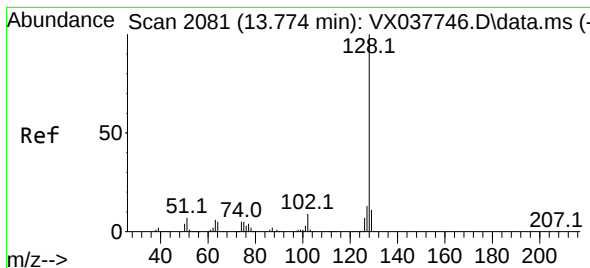
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#94
Hexachlorobutadiene
Concen: 20.965 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35

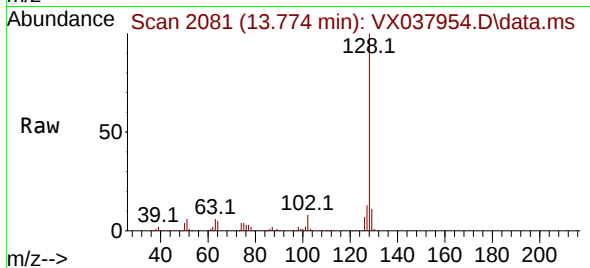
Tgt Ion:225 Resp: 37420
Ion Ratio Lower Upper
225 100
223 62.9 31.1 93.2
227 63.9 32.5 97.5





#95
Naphthalene
Concen: 20.335 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35

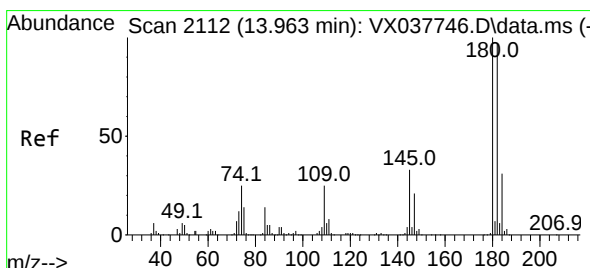
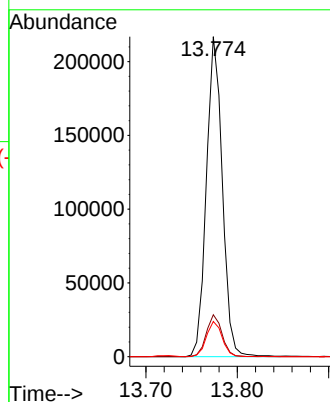
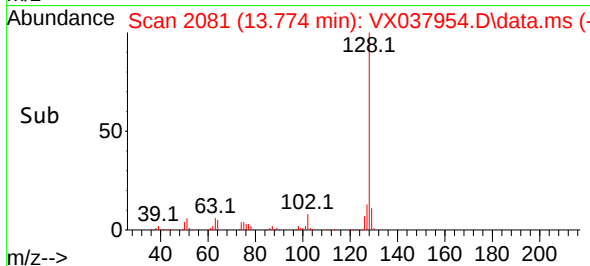
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD02



Tgt Ion:128 Resp: 262850
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#96
1,2,3-Trichlorobenzene
Concen: 21.356 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX037954.D
Acq: 28 Sep 2023 16:35

Tgt Ion:180 Resp: 84000
Ion Ratio Lower Upper
180 100
182 95.1 46.9 140.6
145 32.7 17.8 53.5

