

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091423\
 Data File : VX037723.D
 Acq On : 14 Sep 2023 12:28
 Operator : JC/MD
 Sample : VX0914MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0914MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/14/2023
 Supervised By : Semsettin Yesilyurt 09/15/2023

Quant Time: Sep 14 16:12:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	204529	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	344702	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	321951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	167605	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	152552	46.100	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.200%		
35) Dibromofluoromethane	5.385	113	127399	52.142	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.280%		
50) Toluene-d8	8.647	98	460077	49.929	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.860%		
62) 4-Bromofluorobenzene	11.079	95	168470	50.677	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.360%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	40265	17.956	ug/l	95
3) Chloromethane	1.300	50	46467	18.190	ug/l	96
4) Vinyl Chloride	1.373	62	48518	16.883	ug/l	100
5) Bromomethane	1.599	94	39377	16.382	ug/l	100
6) Chloroethane	1.684	64	34685	17.554	ug/l	99
7) Trichlorofluoromethane	1.886	101	82796	17.414	ug/l	100
8) Diethyl Ether	2.136	74	32425	17.184	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.331	101	41300	19.378	ug/l	98
10) Methyl Iodide	2.453	142	52560	20.882	ug/l	92
11) Tert butyl alcohol	2.959	59	63551	85.641	ug/l #	91
12) 1,1-Dichloroethene	2.318	96	39603	18.820	ug/l	88
13) Acrolein	2.239	56	59408	109.879	ug/l	99
14) Allyl chloride	2.666	41	66568	18.058	ug/l	96
15) Acrylonitrile	3.062	53	137127	90.359	ug/l	98
16) Acetone	2.379	43	129230	96.597	ug/l	90
17) Carbon Disulfide	2.514	76	84537	15.803	ug/l	98
18) Methyl Acetate	2.703	43	101920	18.040	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	152613	18.371	ug/l	98
20) Methylene Chloride	2.788	84	51207	19.006	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	44575	18.412	ug/l	88
22) Diisopropyl ether	3.757	45	147311	18.343	ug/l	94
23) Vinyl Acetate	3.721	43	535490	91.417	ug/l	97
24) 1,1-Dichloroethane	3.611	63	85392	18.247	ug/l	100
25) 2-Butanone	4.556	43	193552	88.729	ug/l	91
26) 2,2-Dichloropropane	4.477	77	67136	20.623	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	55545	18.815	ug/l	90
28) Bromochloromethane	4.903	49	41928	17.734	ug/l	83
29) Tetrahydrofuran	5.007	42	120523	86.761	ug/l	90
30) Chloroform	5.092	83	91926	18.189	ug/l	99
31) Cyclohexane	5.470	56	66825	17.537	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	78915	18.761	ug/l	97
36) 1,1-Dichloropropene	5.690	75	61183	18.408	ug/l	97
37) Ethyl Acetate	4.714	43	72978	19.189	ug/l	97
38) Carbon Tetrachloride	5.678	117	65206	19.203	ug/l	97
39) Methylcyclohexane	7.378	83	75444	19.182	ug/l	93
40) Benzene	6.037	78	194809	19.333	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	37566	18.753	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	72413	18.387	ug/l	98
43) Isopropyl Acetate	6.342	43	114930	18.942	ug/l	96
44) Trichloroethene	7.129	130	50363	20.005	ug/l	99
45) 1,2-Dichloropropane	7.433	63	50985	19.173	ug/l	96
46) Dibromomethane	7.580	93	37416	19.341	ug/l	94
47) Bromodichloromethane	7.824	83	67925	19.449	ug/l	99
48) Methyl methacrylate	7.696	41	54012	18.416	ug/l #	86
49) 1,4-Dioxane	7.659	88	30458	419.153	ug/l #	89
51) 4-Methyl-2-Pentanone	8.573	43	383155	96.172	ug/l	97
52) Toluene	8.720	92	124521	19.220	ug/l	94
53) t-1,3-Dichloropropene	8.982	75	69510	19.632	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	77301	19.896	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	54130	19.842	ug/l	94
56) Ethyl methacrylate	9.116	69	81468	19.518	ug/l	92
57) 1,3-Dichloropropane	9.311	76	88317	19.300	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	207654	102.603	ug/l	100
59) 2-Hexanone	9.433	43	296808	96.514	ug/l	95
60) Dibromochloromethane	9.518	129	51375	19.172	ug/l	97
61) 1,2-Dibromoethane	9.610	107	57545	19.624	ug/l	100
64) Tetrachloroethene	9.274	164	41588	19.937	ug/l	98
65) Chlorobenzene	10.079	112	135583	19.758	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	49401	20.888	ug/l	98
67) Ethyl Benzene	10.195	91	241427	19.770	ug/l	98
68) m/p-Xylenes	10.299	106	184846	39.697	ug/l	100
69) o-Xylene	10.640	106	93031	20.039	ug/l	99
70) Styrene	10.652	104	152601	20.148	ug/l	96
71) Bromoform	10.799	173	37046	20.018	ug/l #	99
73) Isopropylbenzene	10.963	105	242974	19.363	ug/l	98
74) N-amyl acetate	10.841	43	102709	18.770	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	90549	19.283	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	71081m	19.291	ug/l	
77) Bromobenzene	11.201	156	60191	20.241	ug/l	89
78) n-propylbenzene	11.305	91	279728	19.376	ug/l	100
79) 2-Chlorotoluene	11.366	91	171544	19.303	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	206611	19.591	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	21836	18.014	ug/l	97
82) 4-Chlorotoluene	11.457	91	192053	18.919	ug/l	97
83) tert-Butylbenzene	11.713	119	205334	19.381	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	210548	19.802	ug/l	99
85) sec-Butylbenzene	11.890	105	258858	19.791	ug/l	100
86) p-Isopropyltoluene	12.012	119	210757	19.664	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	111417	19.513	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	112791	19.221	ug/l	99
89) n-Butylbenzene	12.335	91	183538	18.907	ug/l	97
90) Hexachloroethane	12.536	117	34106	18.858	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	116523	20.397	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.938	75	18033	18.702	ug/l	80
93) 1,2,4-Trichlorobenzene	13.585	180	68937	20.263	ug/l	95
94) Hexachlorobutadiene	13.725	225	31274	22.006	ug/l	97
95) Naphthalene	13.774	128	238491	19.352	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	69329	19.861	ug/l	98

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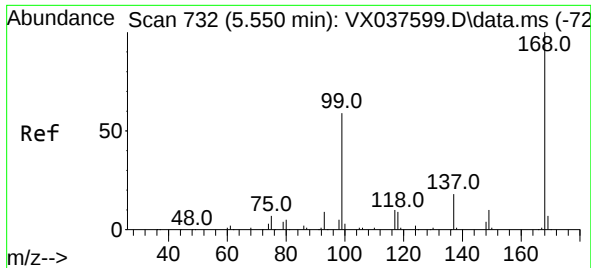
Manual Integrations
APPROVED

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Response via : Initial Calibration

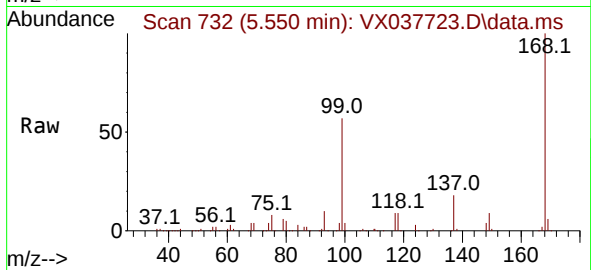
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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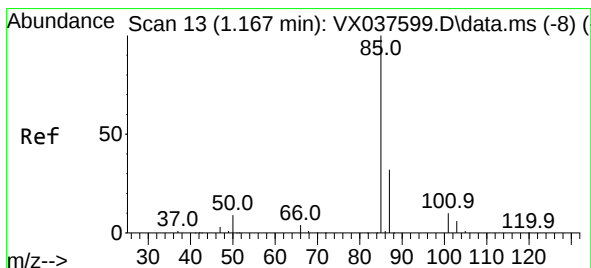
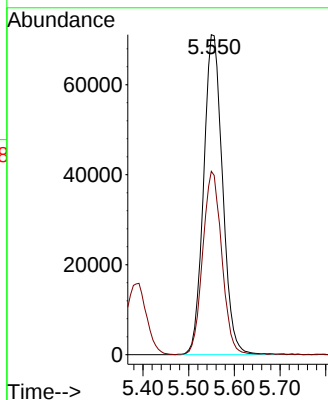
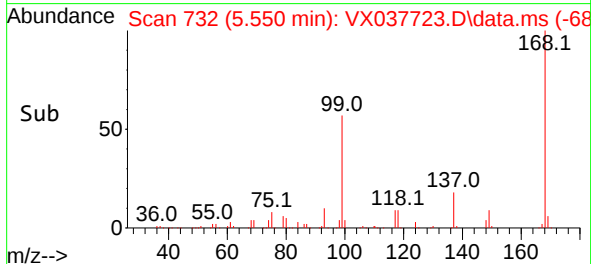
Instrument :
MSVOA_X
ClientSampleId :
VX0914MBS01



Tgt Ion:168 Resp: 204529
Ion Ratio Lower Upper
168 100
99 57.2 56.6 85.0

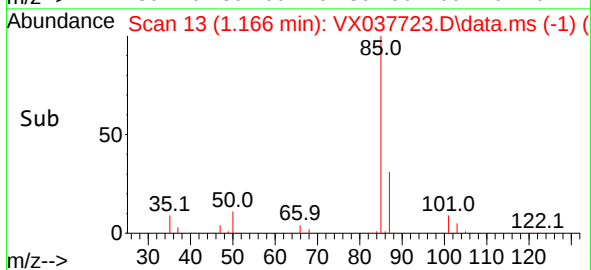
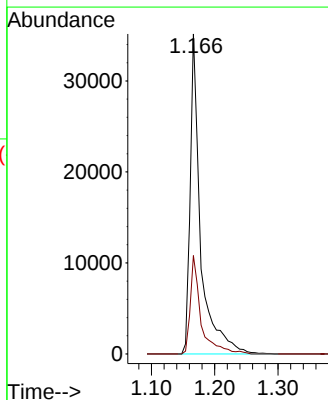
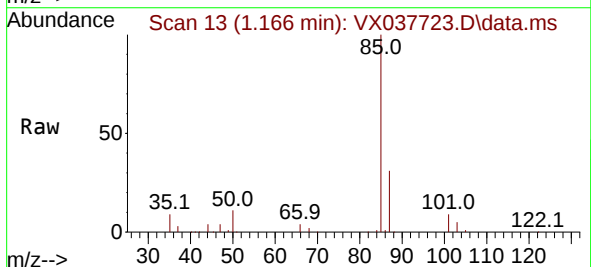
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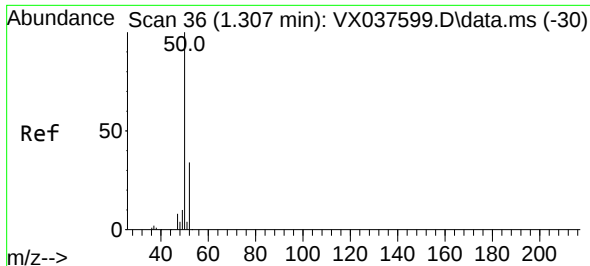
Reviewed By :John Carlone 09/14/2023
Supervised By :Semsettin Yesilyurt 09/15/2023



#2
Dichlorodifluoromethane
Concen: 17.956 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28

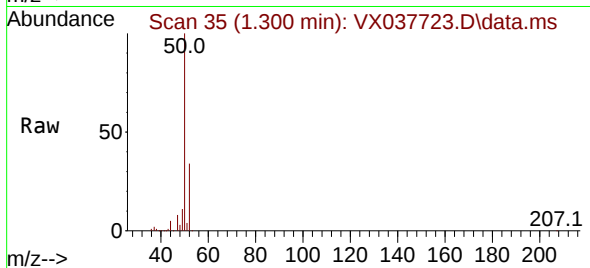
Tgt Ion: 85 Resp: 40265
Ion Ratio Lower Upper
85 100
87 30.7 16.7 50.1





#3
Chloromethane
Concen: 18.190 ug/l
RT: 1.300 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28

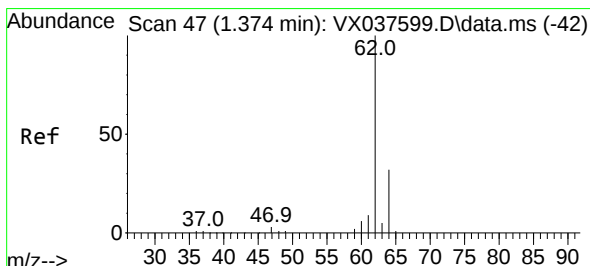
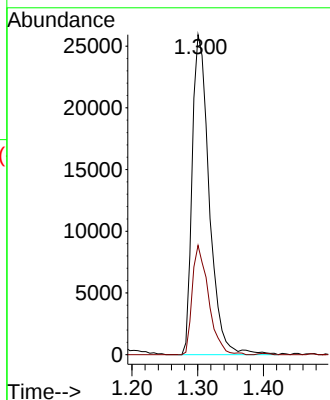
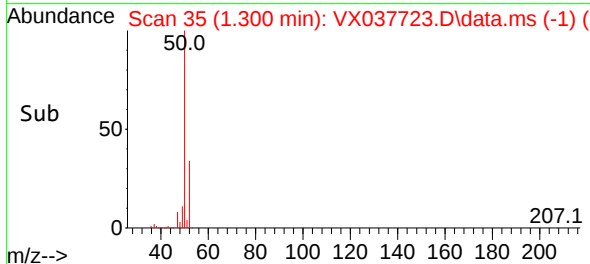
Instrument :
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ClientSampleId :
VX0914MBS01



Tgt Ion: 50 Resp: 4646
Ion Ratio Lower Upper
50 100
52 34.2 25.5 38.3

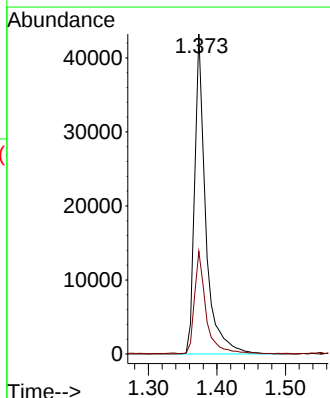
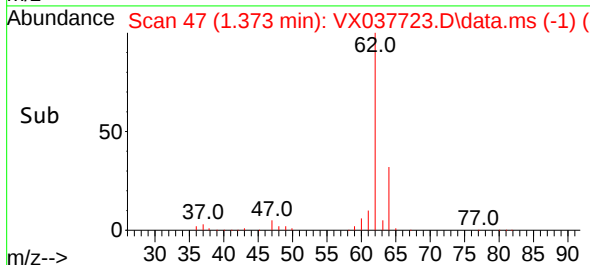
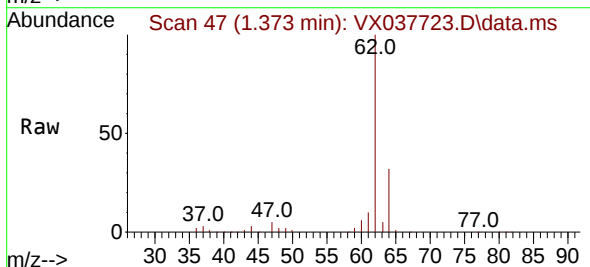
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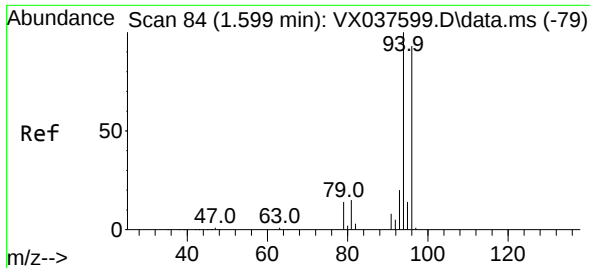
Reviewed By :John Carlone 09/14/2023
Supervised By :Semsettin Yesilyurt 09/15/2023



#4
Vinyl Chloride
Concen: 16.883 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28

Tgt Ion: 62 Resp: 48518
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.0





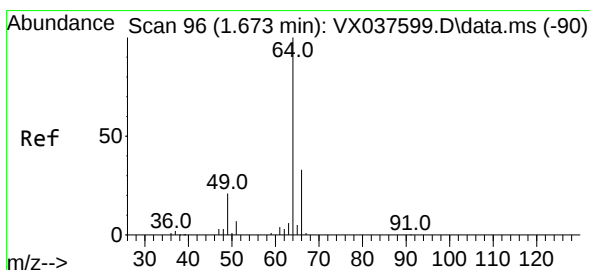
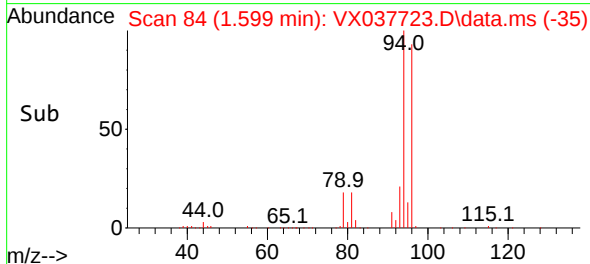
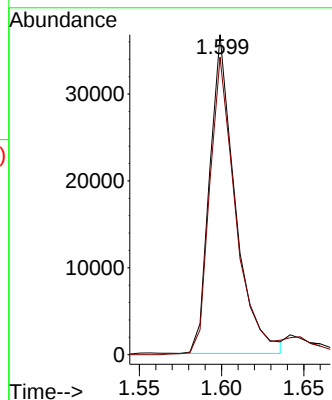
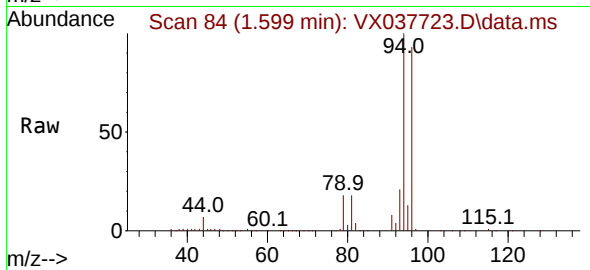
#5
Bromomethane
Concen: 16.382 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 3937
Ion Ratio Lower Upper
94 100
96 93.1 74.6 111.8

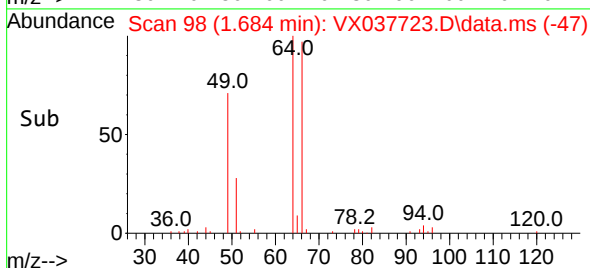
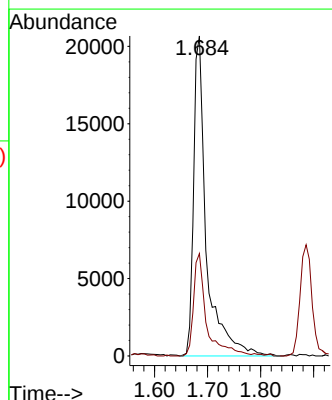
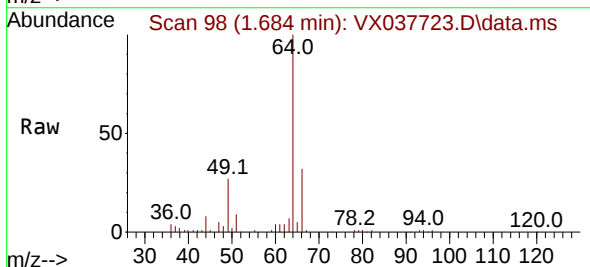
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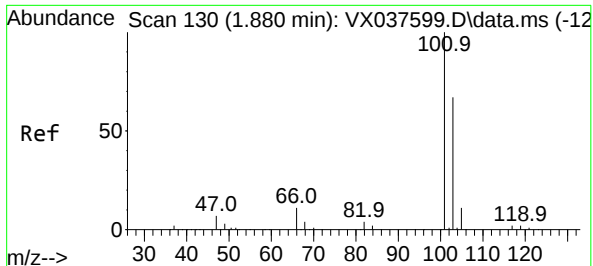
Reviewed By :John Carlone 09/14/2023
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#6
Chloroethane
Concen: 17.554 ug/l
RT: 1.684 min Scan# 98
Delta R.T. 0.011 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28

Tgt Ion: 64 Resp: 34685
Ion Ratio Lower Upper
64 100
66 32.0 25.1 37.7





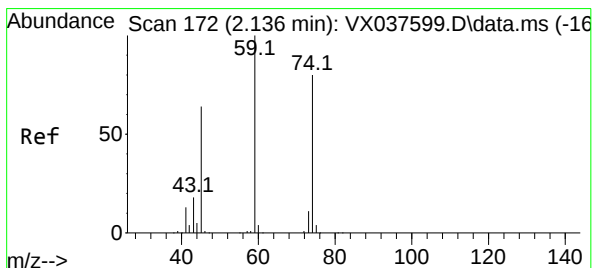
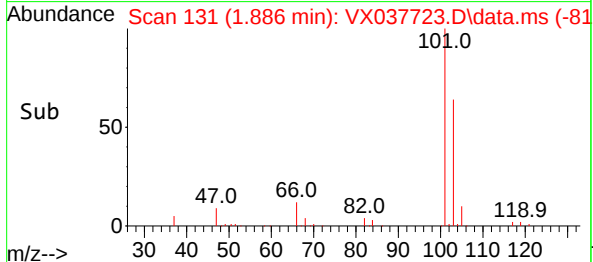
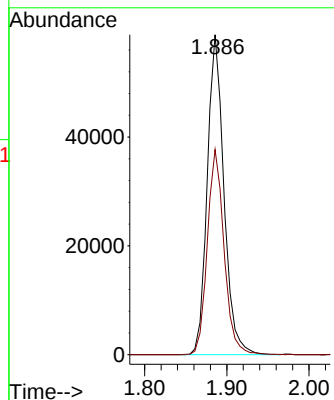
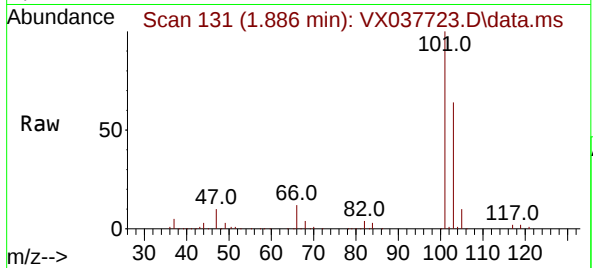
#7
Trichlorofluoromethane
Concen: 17.414 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28

Instrument :
MSVOA_X
ClientSampleId :
VX0914MBS01

Tgt Ion:101 Resp: 82790
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.2

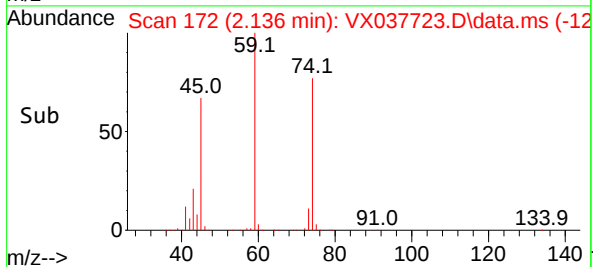
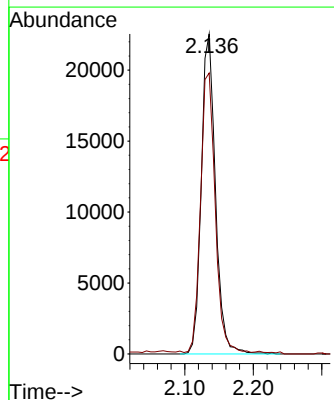
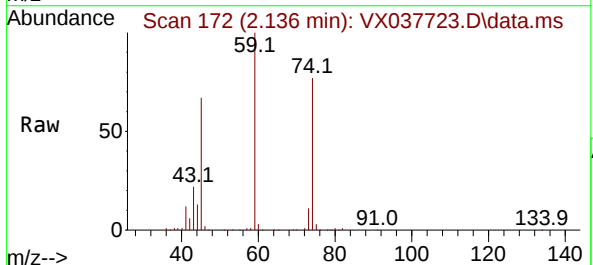
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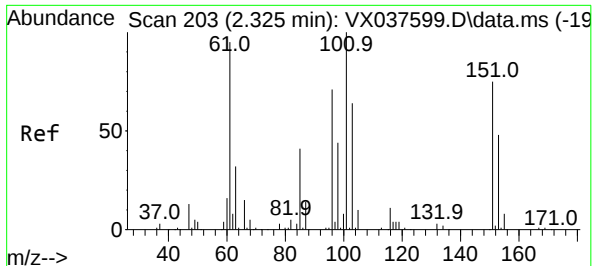
Reviewed By :John Carlone 09/14/2023
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#8
Diethyl Ether
Concen: 17.184 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28

Tgt Ion: 74 Resp: 32425
Ion Ratio Lower Upper
74 100
45 90.4 53.3 159.8





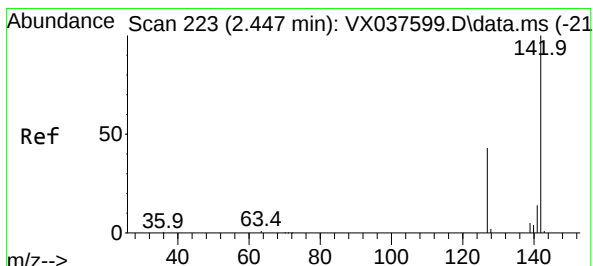
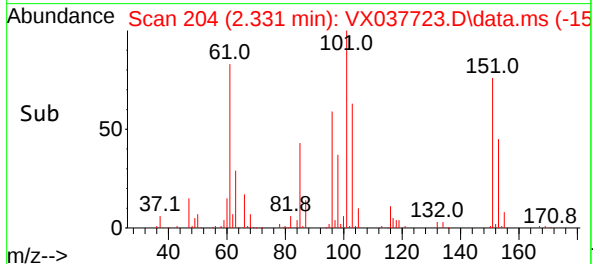
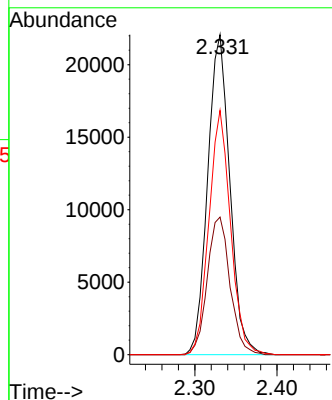
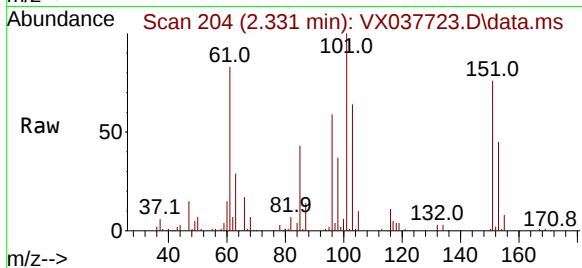
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.378 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28

Instrument :
MSVOA_X
ClientSampleId :
VX0914MBS01

Tgt Ion:101 Resp: 41300
Ion Ratio Lower Upper
101 100
85 44.2 37.0 55.6
151 74.6 58.6 87.8

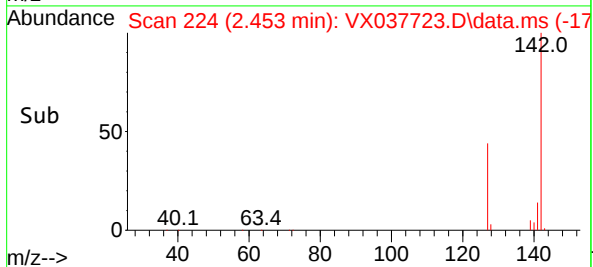
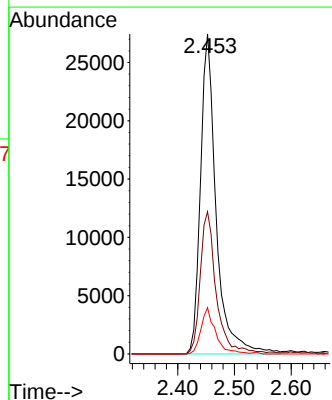
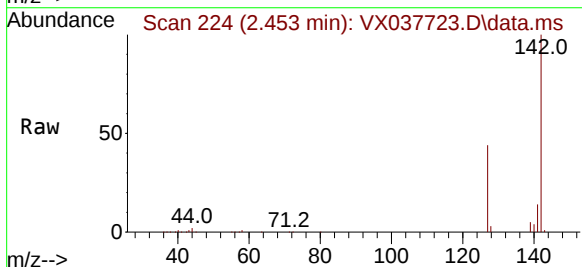
Manual Integrations
APPROVED

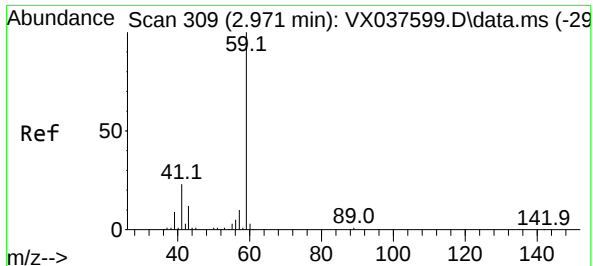
Reviewed By :John Carlone 09/14/2023
Supervised By :Semsettin Yesilyurt 09/15/2023



#10
Methyl Iodide
Concen: 20.882 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28

Tgt Ion:142 Resp: 52560
Ion Ratio Lower Upper
142 100
127 45.3 41.6 62.4
141 13.5 11.6 17.4





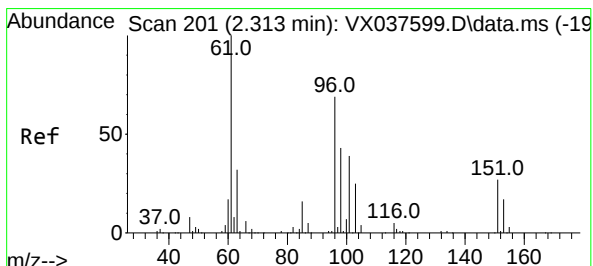
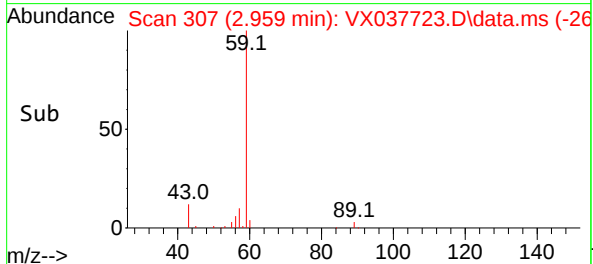
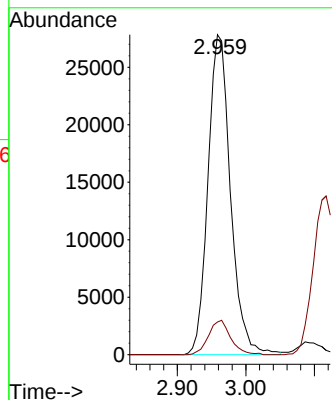
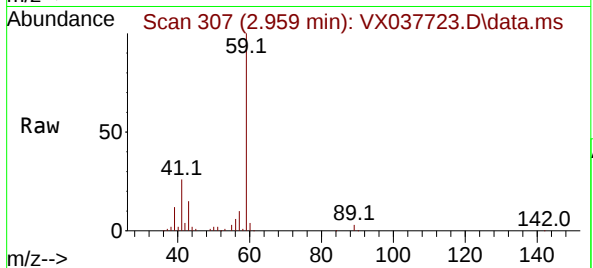
#11
Tert butyl alcohol
Concen: 85.641 ug/l
RT: 2.959 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28

Instrument :
MSVOA_X
ClientSampleId :
VX0914MBS01

Tgt Ion: 59 Resp: 6355
Ion Ratio Lower Upper
59 100
57 10.6 6.0 9.0

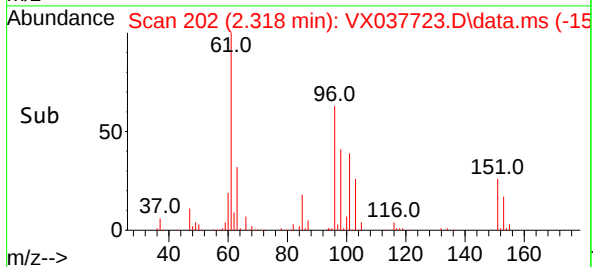
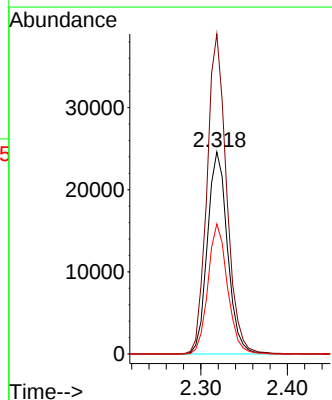
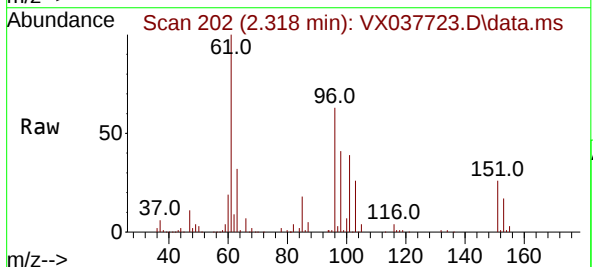
Manual Integrations
APPROVED

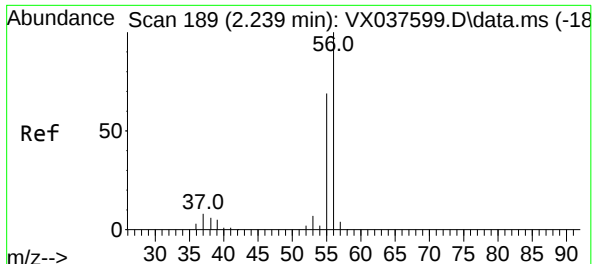
Reviewed By :John Carlone 09/14/2023
Supervised By :Semsettin Yesilyurt 09/15/2023



#12
1,1-Dichloroethene
Concen: 18.820 ug/l
RT: 2.318 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28

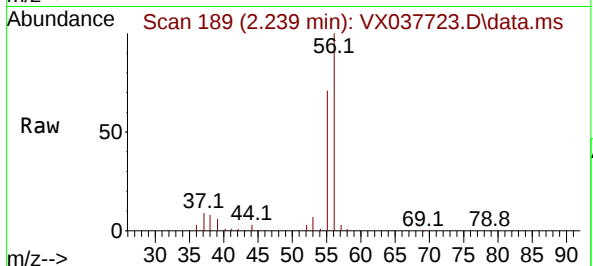
Tgt Ion: 96 Resp: 39603
Ion Ratio Lower Upper
96 100
61 158.3 144.6 216.8
98 64.3 50.4 75.6





#13
Acrolein
Concen: 109.879 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28

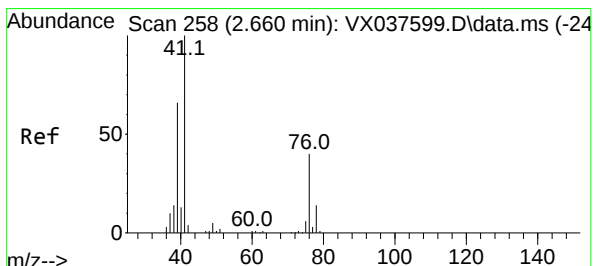
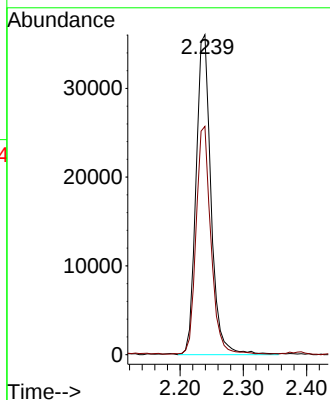
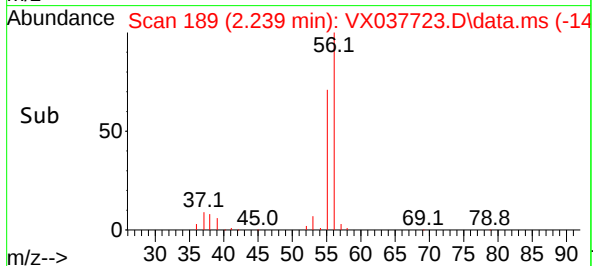
Instrument :
MSVOA_X
ClientSampleId :
VX0914MBS01



Tgt Ion: 56 Resp: 59408
Ion Ratio Lower Upper
56 100
55 70.2 57.1 85.7

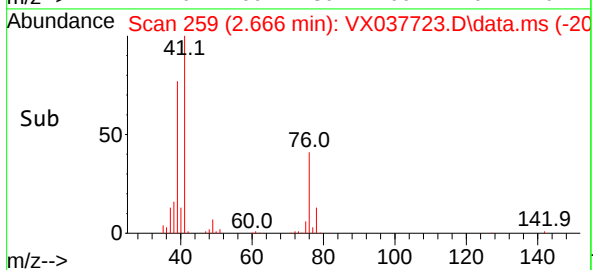
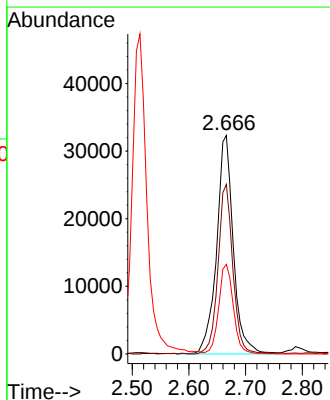
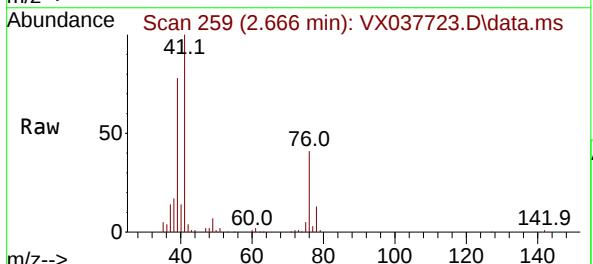
Manual Integrations
APPROVED

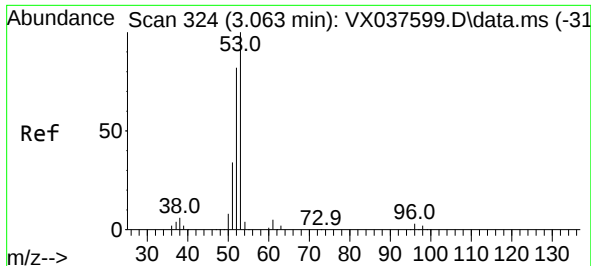
Reviewed By :John Carlone 09/14/2023
Supervised By :Semsettin Yesilyurt 09/15/2023



#14
Allyl chloride
Concen: 18.058 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28

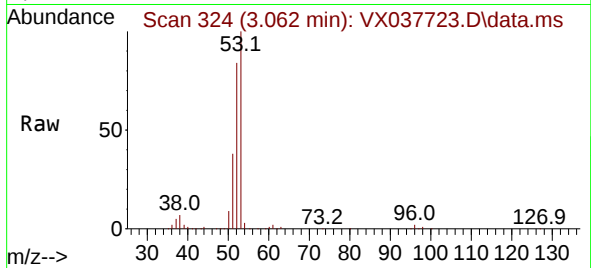
Tgt Ion: 41 Resp: 66568
Ion Ratio Lower Upper
41 100
39 68.6 55.8 83.6
76 35.7 24.3 36.5





#15
Acrylonitrile
Concen: 90.359 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28

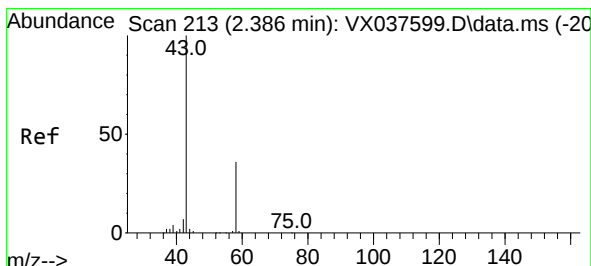
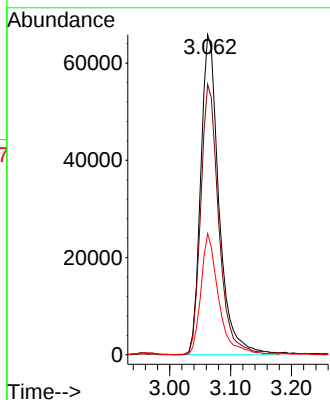
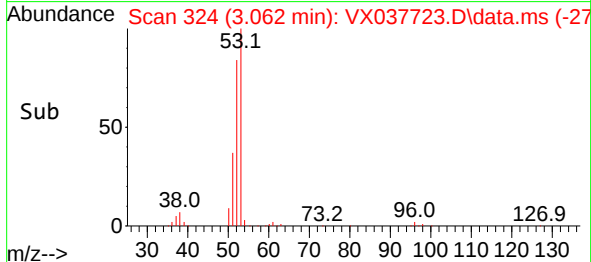
Instrument :
MSVOA_X
ClientSampleId :
VX0914MBS01



Tgt Ion: 53 Resp: 13712
Ion Ratio Lower Upper
53 100
52 84.2 66.0 99.0
51 36.8 29.8 44.6

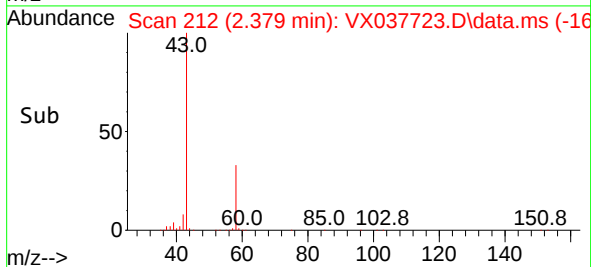
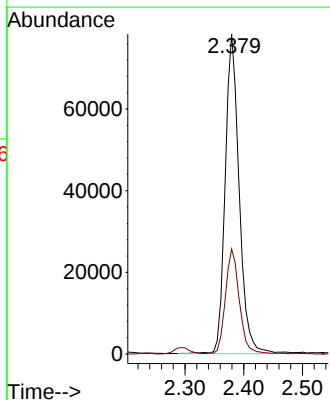
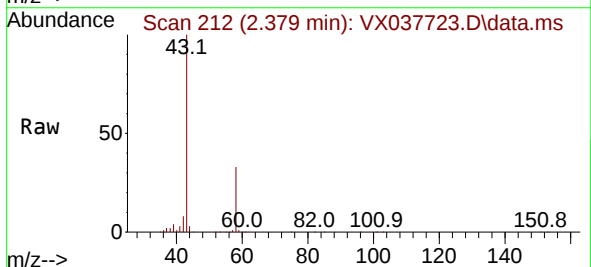
Manual Integrations
APPROVED

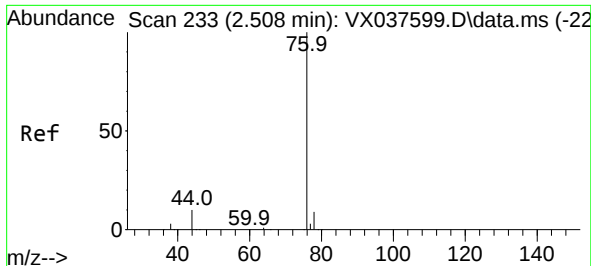
Reviewed By :John Carlone 09/14/2023
Supervised By :Semsettin Yesilyurt 09/15/2023



#16
Acetone
Concen: 96.597 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28

Tgt Ion: 43 Resp: 129230
Ion Ratio Lower Upper
43 100
58 32.6 21.9 32.9





#17

Carbon Disulfide

Concen: 15.803 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX037723.D

Acq: 14 Sep 2023 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0914MBS01

Tgt Ion: 76 Resp: 8453

Ion Ratio Lower Upper

76 100

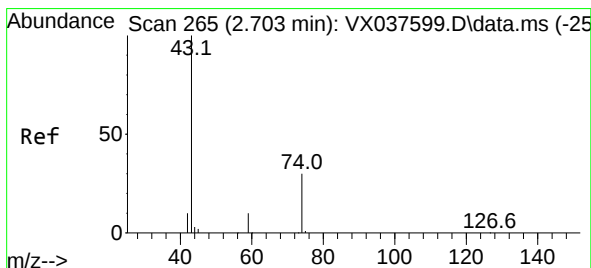
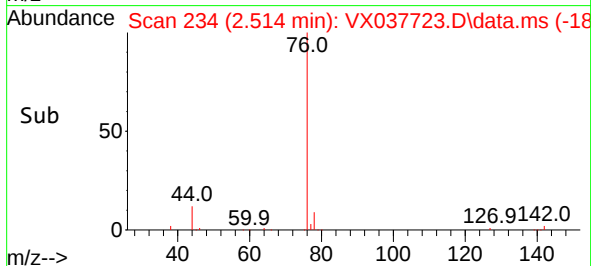
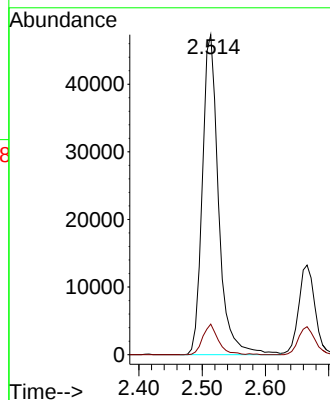
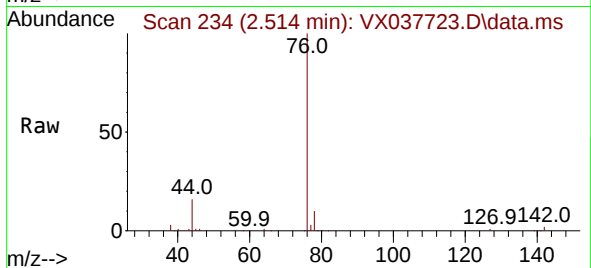
78 9.5 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Semsettin Yesilyurt 09/15/2023



#18

Methyl Acetate

Concen: 18.040 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX037723.D

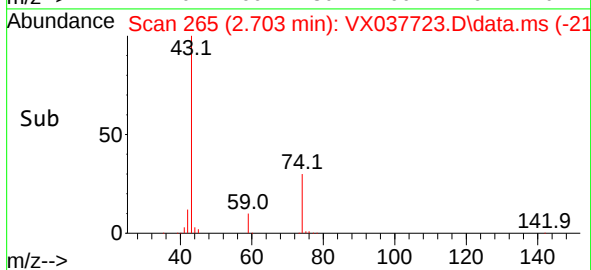
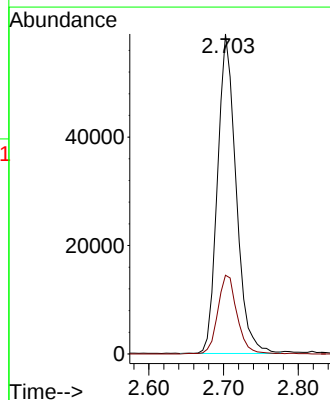
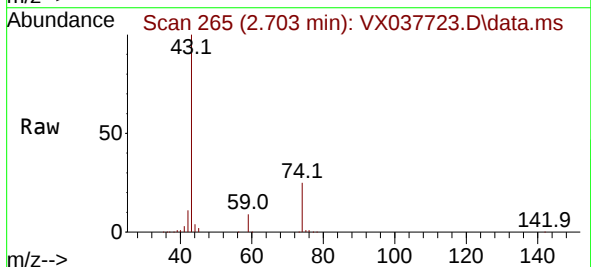
Acq: 14 Sep 2023 12:28

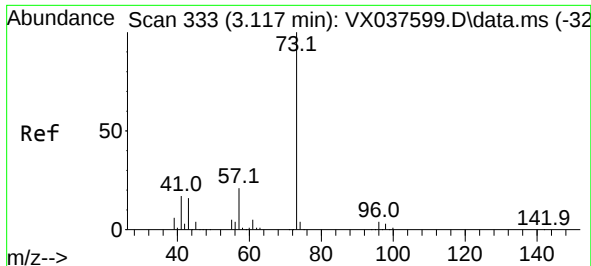
Tgt Ion: 43 Resp: 101920

Ion Ratio Lower Upper

43 100

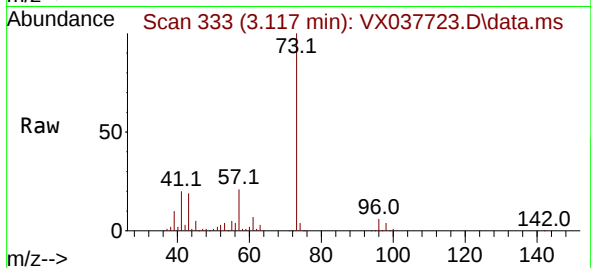
74 25.5 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 18.371 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28

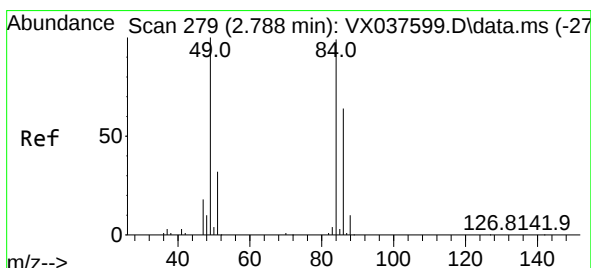
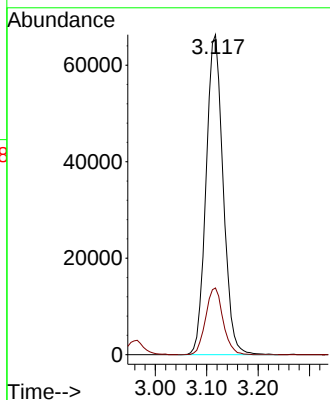
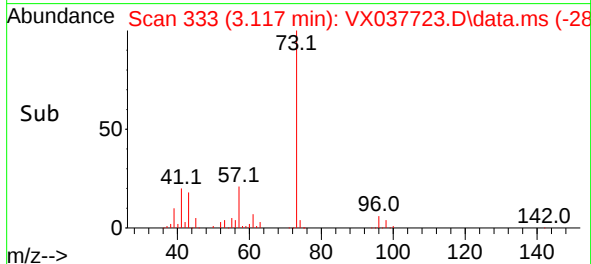
Instrument :
MSVOA_X
ClientSampleId :
VX0914MBS01



Tgt Ion: 73 Resp: 15261
Ion Ratio Lower Upper
73 100
57 20.8 17.3 25.9

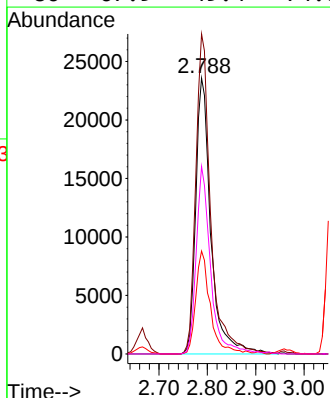
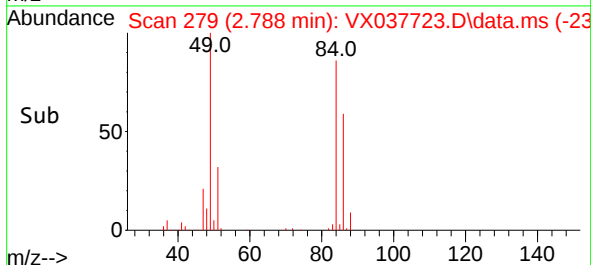
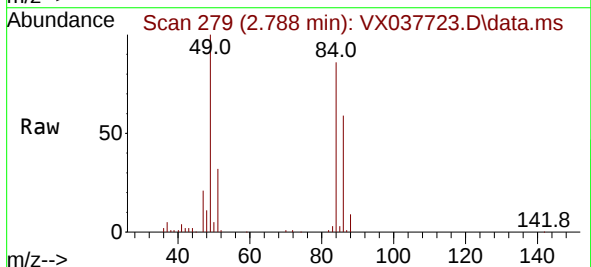
Manual Integrations
APPROVED

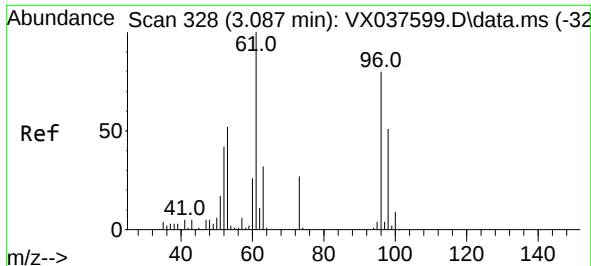
Reviewed By :John Carlone 09/14/2023
Supervised By :Semsettin Yesilyurt 09/15/2023



#20
Methylene Chloride
Concen: 19.006 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28

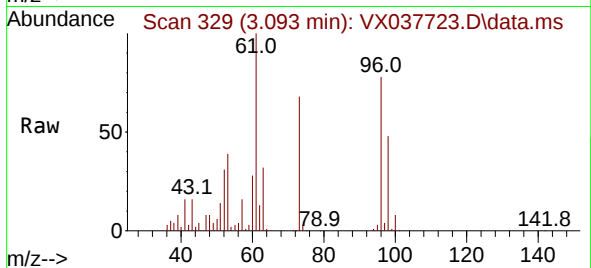
Tgt Ion: 84 Resp: 51207
Ion Ratio Lower Upper
84 100
49 116.0 103.6 155.4
51 37.3 33.8 50.6
86 67.9 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 18.412 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28

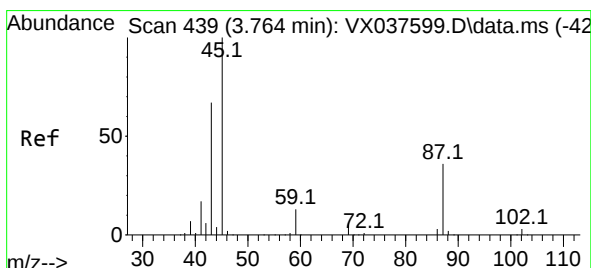
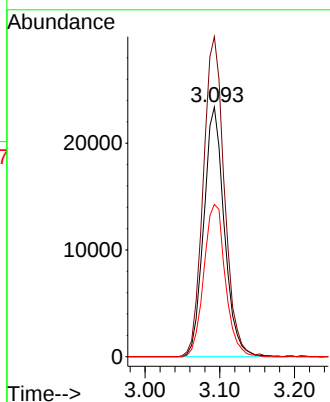
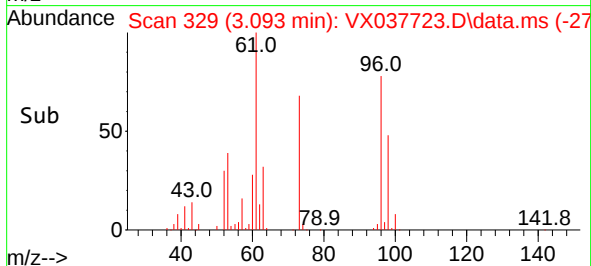
Instrument :
MSVOA_X
ClientSampleId :
VX0914MBS01



Tgt Ion: 96 Resp: 44579
Ion Ratio Lower Upper
96 100
61 128.2 119.2 178.8
98 61.1 48.7 73.1

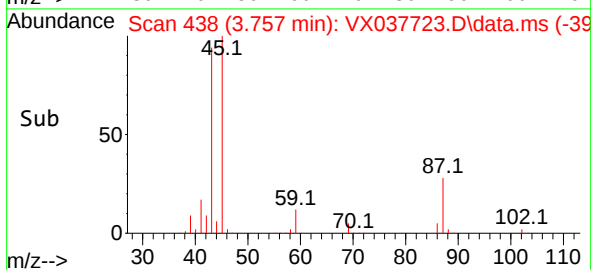
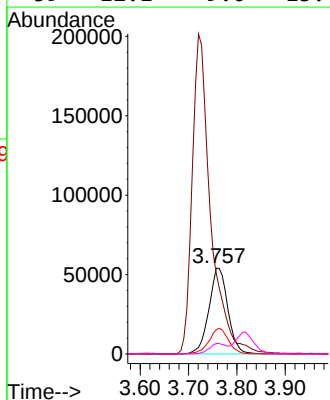
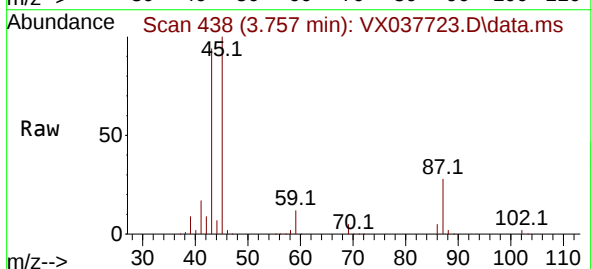
Manual Integrations
APPROVED

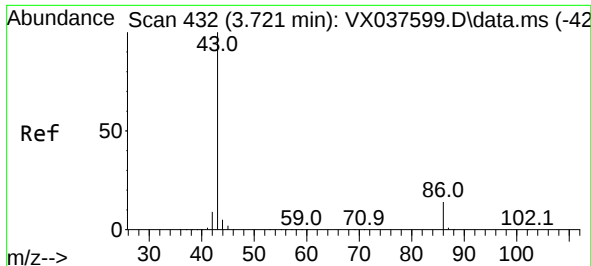
Reviewed By :John Carlone 09/14/2023
Supervised By :Semsettin Yesilyurt 09/15/2023



#22
Diisopropyl ether
Concen: 18.343 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28

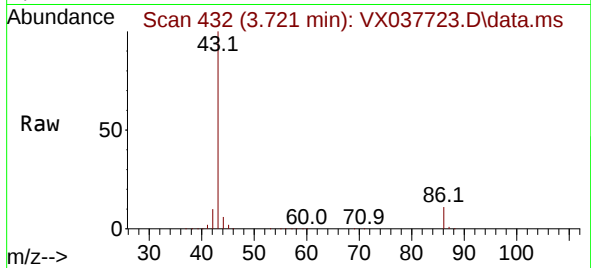
Tgt Ion: 45 Resp: 147311
Ion Ratio Lower Upper
45 100
43 93.2 69.7 104.5
87 28.4 20.8 31.2
59 12.1 9.0 13.4





#23
 Vinyl Acetate
 Concen: 91.417 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX037723.D
 Acq: 14 Sep 2023 12:28

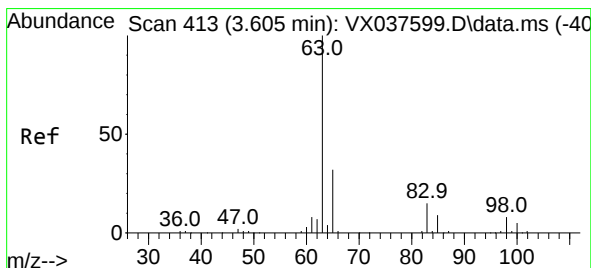
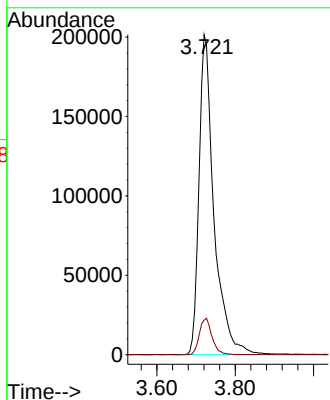
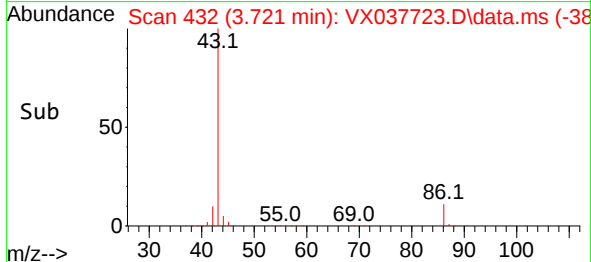
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0914MBS01



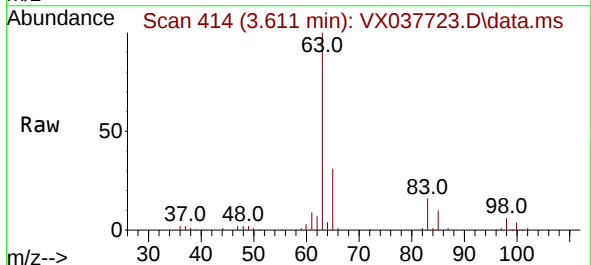
Tgt Ion: 43 Resp: 535490
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.8 11.8

Manual Integrations
 APPROVED

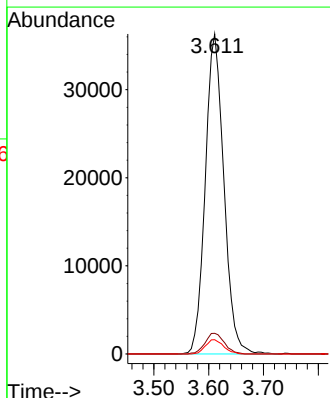
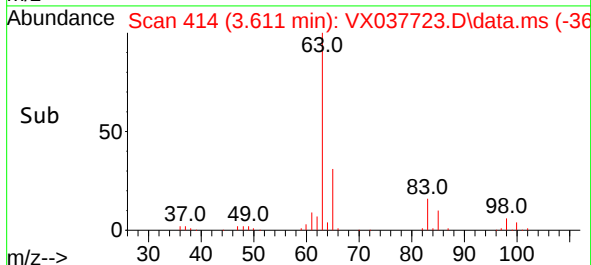
Reviewed By :John Carlone 09/14/2023
 Supervised By :Semsettin Yesilyurt 09/15/2023

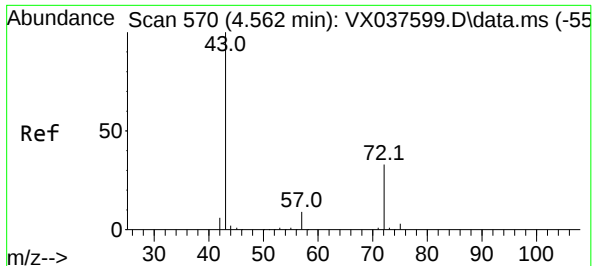


#24
 1,1-Dichloroethane
 Concen: 18.247 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX037723.D
 Acq: 14 Sep 2023 12:28



Tgt Ion: 63 Resp: 85392
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.3 9.8
 100 4.5 2.1 6.5





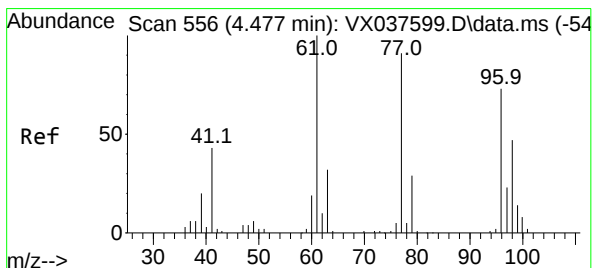
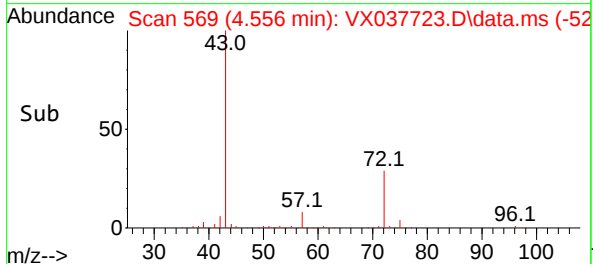
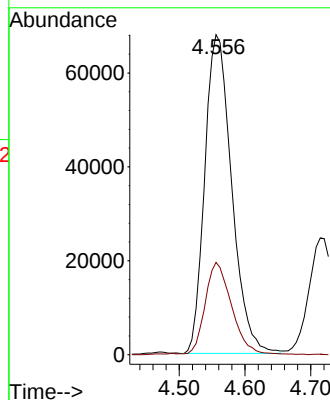
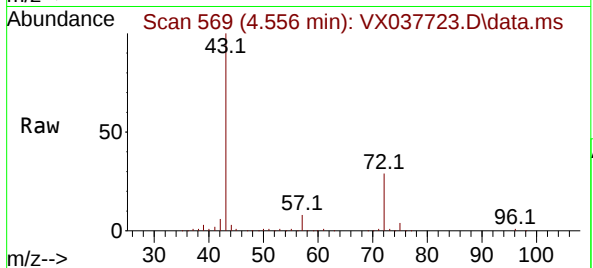
#25
2-Butanone
Concen: 88.729 ug/l
RT: 4.556 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28

Instrument :
MSVOA_X
ClientSampleId :
VX0914MBS01

Tgt Ion: 43 Resp: 193552
Ion Ratio Lower Upper
43 100
72 28.7 19.4 29.2

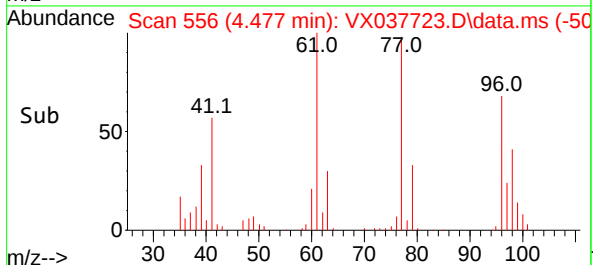
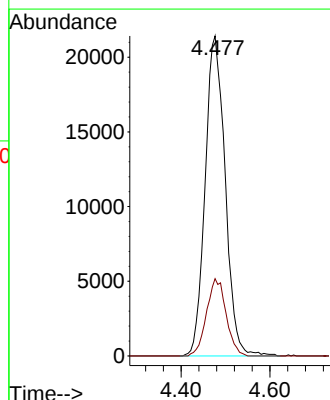
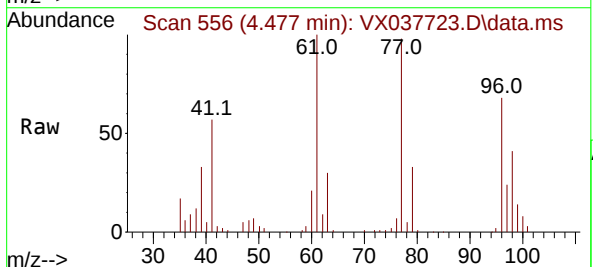
Manual Integrations
APPROVED

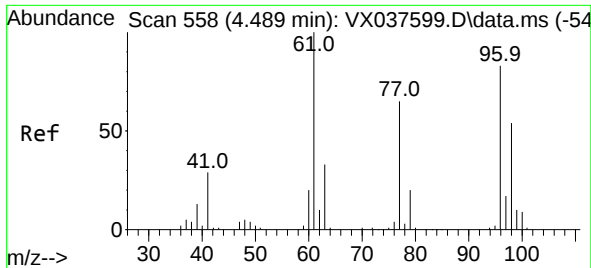
Reviewed By :John Carlone 09/14/2023
Supervised By :Semsettin Yesilyurt 09/15/2023



#26
2,2-Dichloropropane
Concen: 20.623 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28

Tgt Ion: 77 Resp: 67136
Ion Ratio Lower Upper
77 100
97 23.6 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 18.815 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX037723.D

Acq: 14 Sep 2023 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0914MBS01

Tgt Ion: 96 Resp: 5554

Ion Ratio Lower Upper

96 100

61 138.9 0.0 312.2

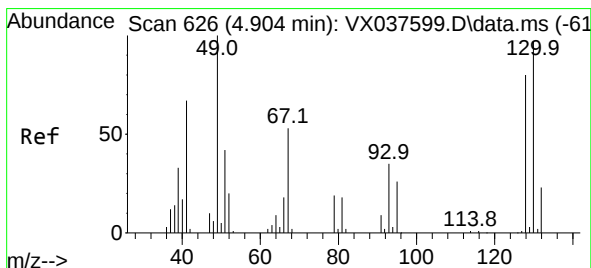
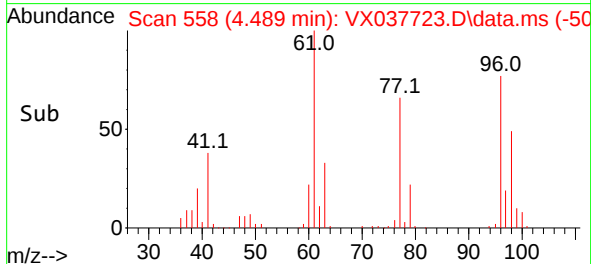
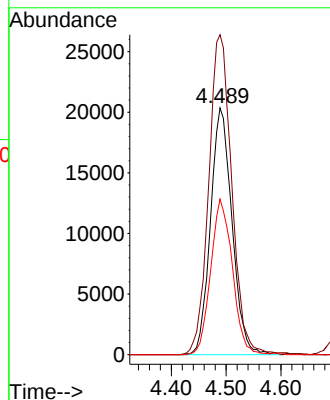
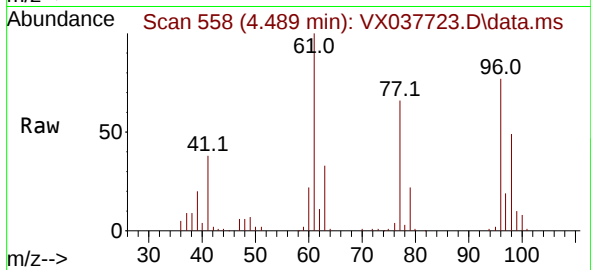
98 63.3 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Semsettin Yesilyurt 09/15/2023



#28

Bromochloromethane

Concen: 17.734 ug/l

RT: 4.903 min Scan# 626

Delta R.T. -0.000 min

Lab File: VX037723.D

Acq: 14 Sep 2023 12:28

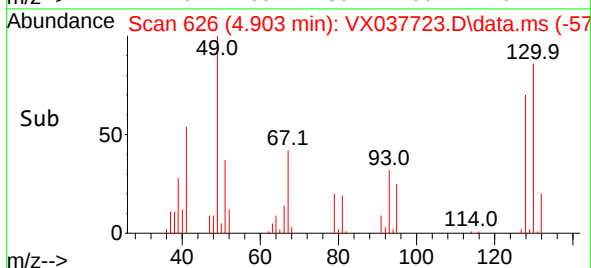
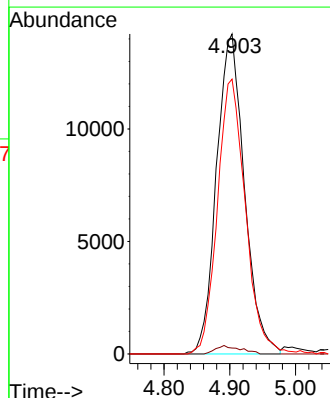
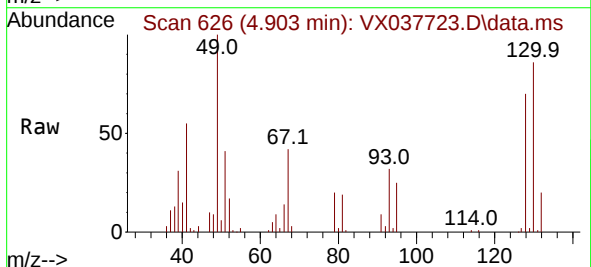
Tgt Ion: 49 Resp: 41928

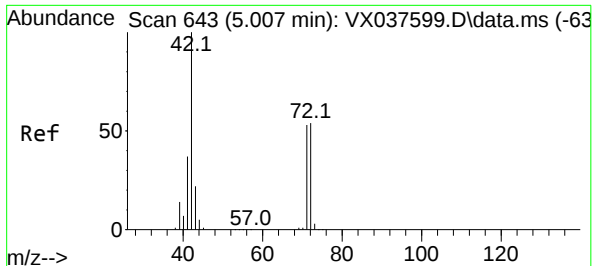
Ion Ratio Lower Upper

49 100

129 2.3 0.0 3.8

130 86.1 57.5 86.3





#29

Tetrahydrofuran

Concen: 86.761 ug/l

RT: 5.007 min Scan# 643

Delta R.T. -0.000 min

Lab File: VX037723.D

Acq: 14 Sep 2023 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0914MBS01

Tgt Ion: 42 Resp: 12052

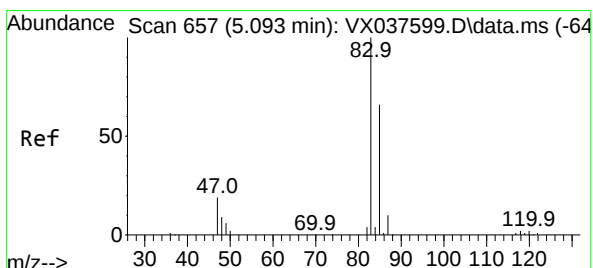
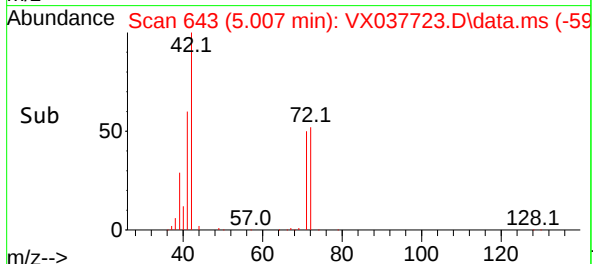
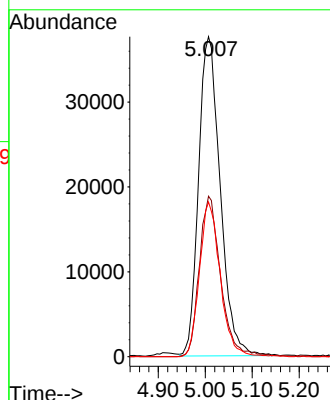
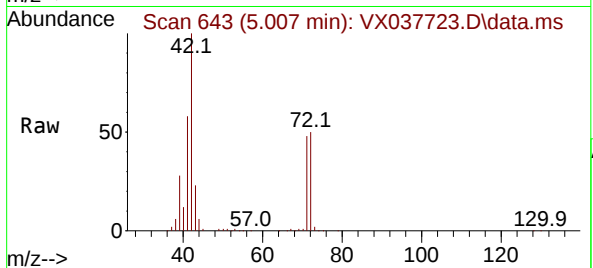
Ion	Ratio	Lower	Upper
42	100		
72	49.5	34.2	51.4
71	46.3	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Semsettin Yesilyurt 09/15/2023



#30

Chloroform

Concen: 18.189 ug/l

RT: 5.092 min Scan# 657

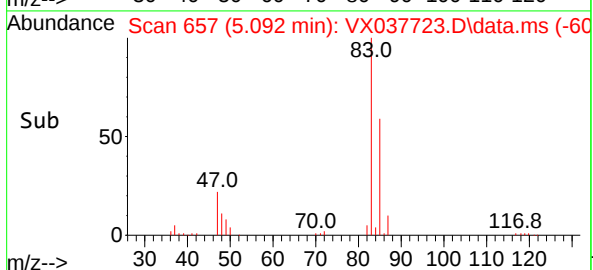
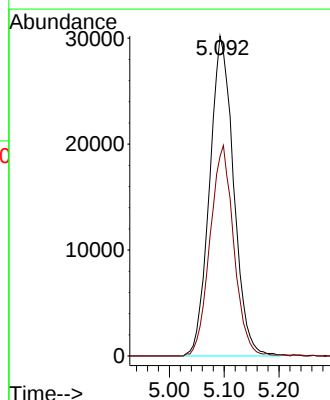
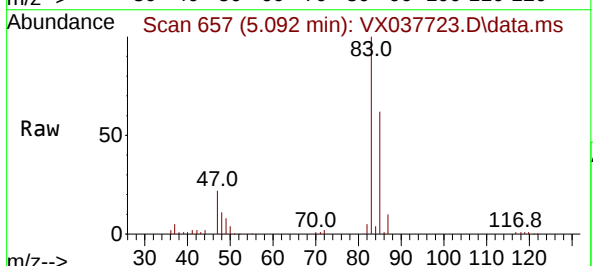
Delta R.T. -0.000 min

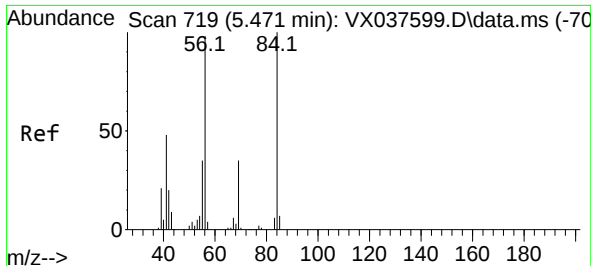
Lab File: VX037723.D

Acq: 14 Sep 2023 12:28

Tgt Ion: 83 Resp: 91926

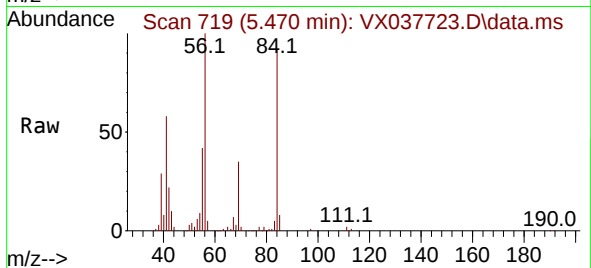
Ion	Ratio	Lower	Upper
83	100		
85	62.4	50.3	75.5





#31
Cyclohexane
Concen: 17.537 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28

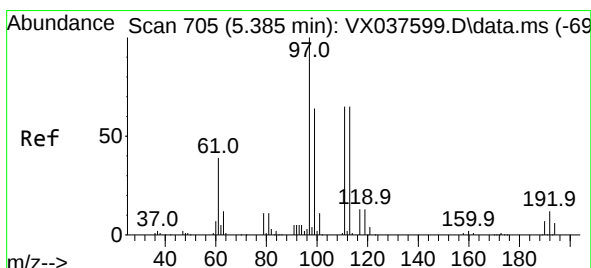
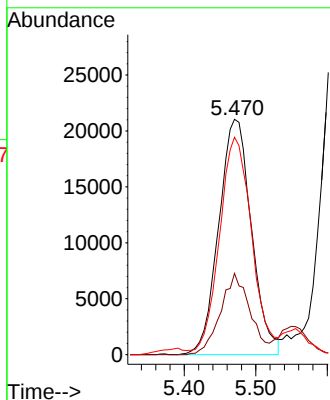
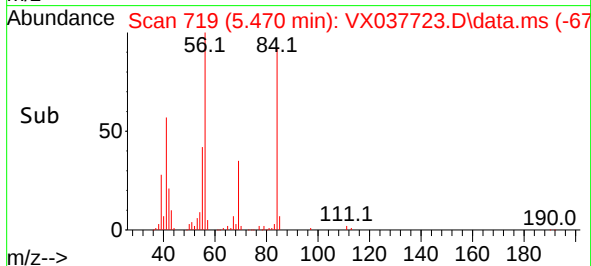
Instrument :
MSVOA_X
ClientSampleId :
VX0914MBS01



Tgt Ion: 56 Resp: 66825
Ion Ratio Lower Upper
56 100
69 34.5 23.4 35.2
84 89.6 65.9 98.9

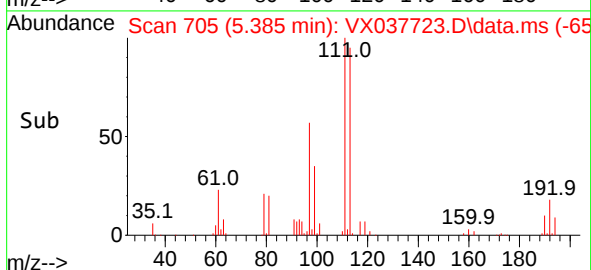
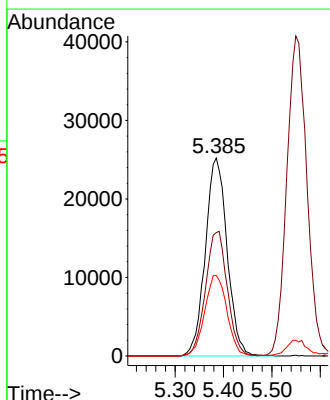
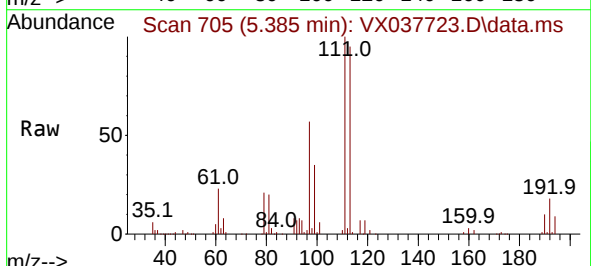
Manual Integrations
APPROVED

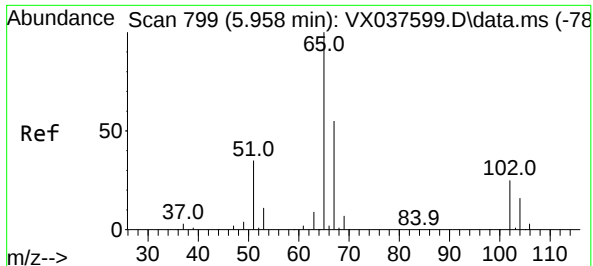
Reviewed By :John Carlone 09/14/2023
Supervised By :Semsettin Yesilyurt 09/15/2023



#32
1,1,1-Trichloroethane
Concen: 18.761 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28

Tgt Ion: 97 Resp: 78915
Ion Ratio Lower Upper
97 100
99 62.9 51.1 76.7
61 41.7 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 46.100 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037723.D

Acq: 14 Sep 2023 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0914MBS01

Tgt Ion: 65 Resp: 15255

Ion Ratio Lower Upper

65 100

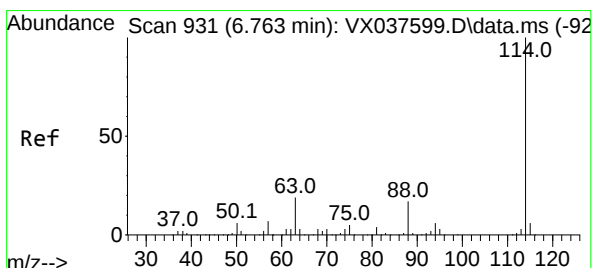
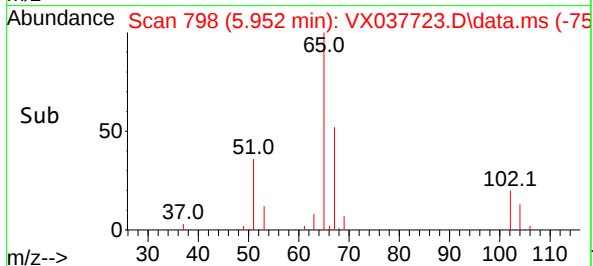
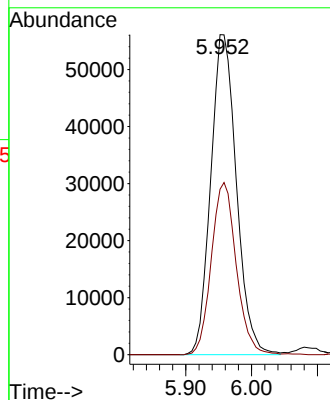
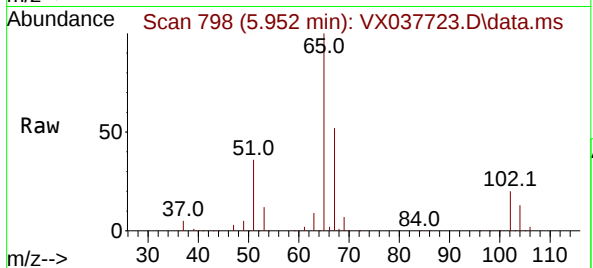
67 52.2 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Semsettin Yesilyurt 09/15/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX037723.D

Acq: 14 Sep 2023 12:28

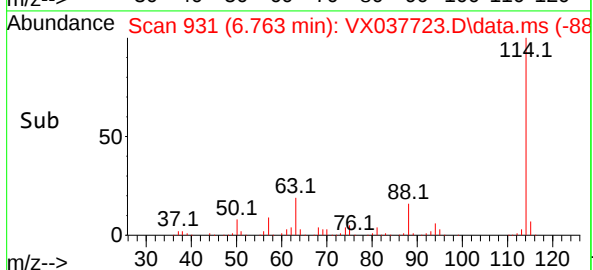
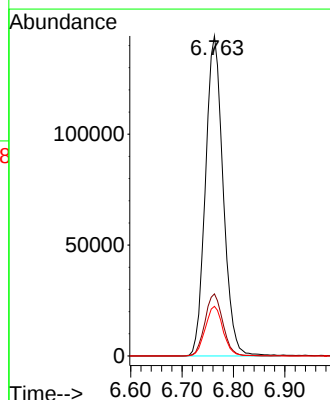
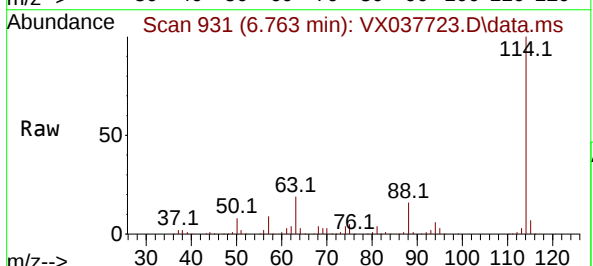
Tgt Ion:114 Resp: 344702

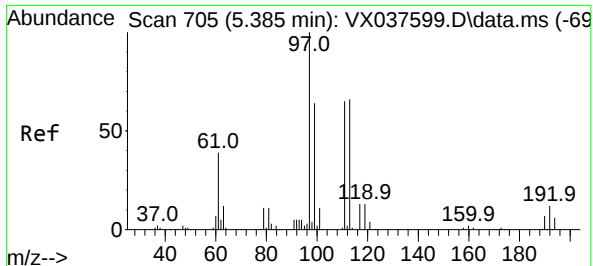
Ion Ratio Lower Upper

114 100

63 19.4 0.0 45.0

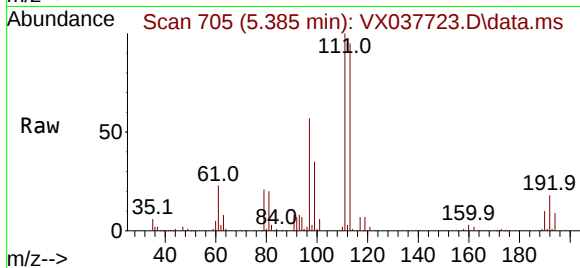
88 15.5 0.0 36.6





#35
Dibromofluoromethane
Concen: 52.142 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28

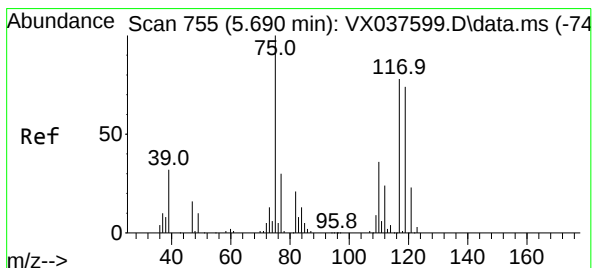
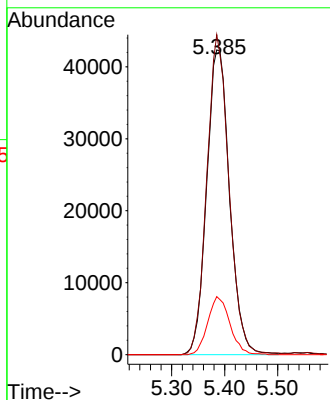
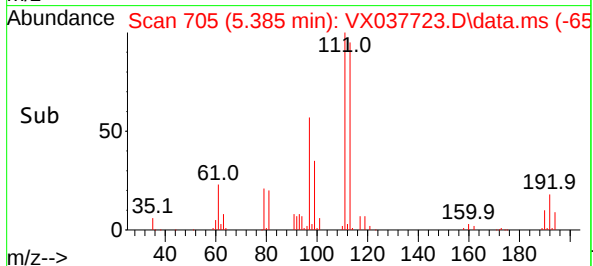
Instrument :
MSVOA_X
ClientSampleId :
VX0914MBS01



Tgt Ion: 113 Resp: 127399
Ion Ratio Lower Upper
113 100
111 101.2 82.9 124.3
192 18.4 13.3 19.9

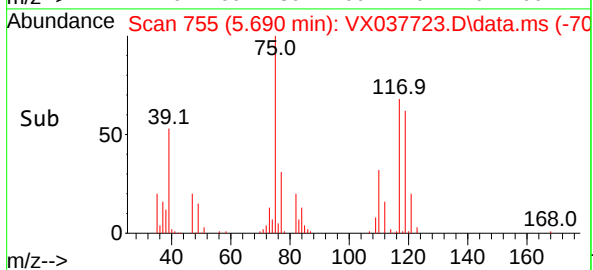
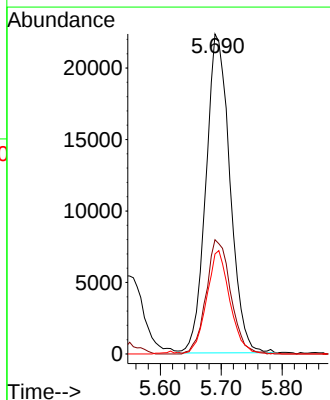
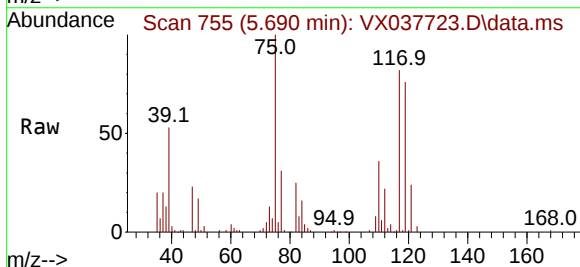
Manual Integrations
APPROVED

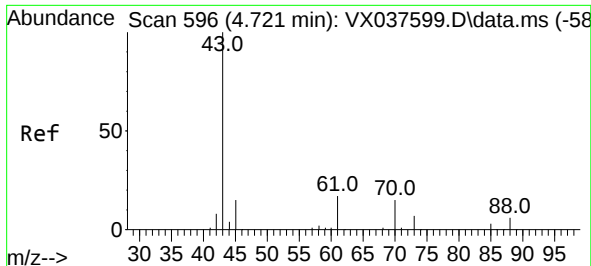
Reviewed By :John Carlone 09/14/2023
Supervised By :Semsettin Yesilyurt 09/15/2023



#36
1,1-Dichloropropene
Concen: 18.408 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28

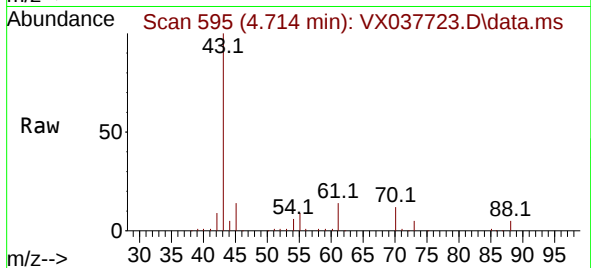
Tgt Ion: 75 Resp: 61183
Ion Ratio Lower Upper
75 100
110 36.7 17.0 50.9
77 31.3 24.7 37.1





#37
Ethyl Acetate
Concen: 19.189 ug/l
RT: 4.714 min Scan# 596
Delta R.T. -0.006 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28

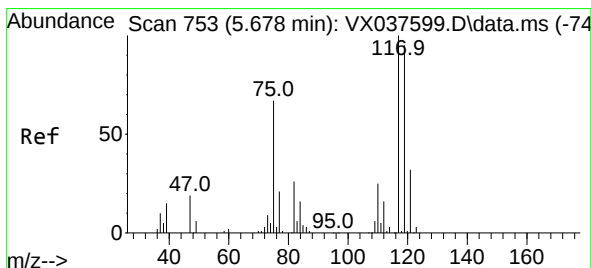
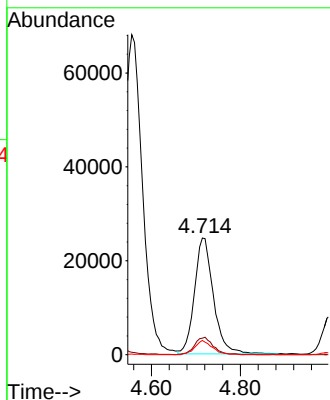
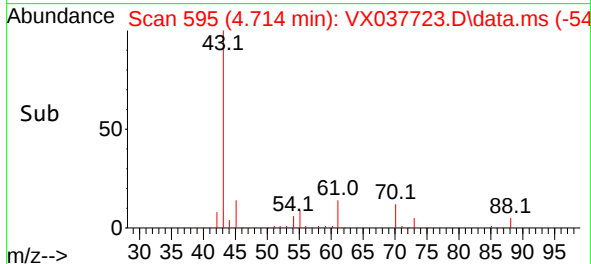
Instrument :
MSVOA_X
ClientSampleId :
VX0914MBS01



Tgt Ion: 43 Resp: 72978
Ion Ratio Lower Upper
43 100
61 14.9 10.6 16.0
70 11.4 8.3 12.5

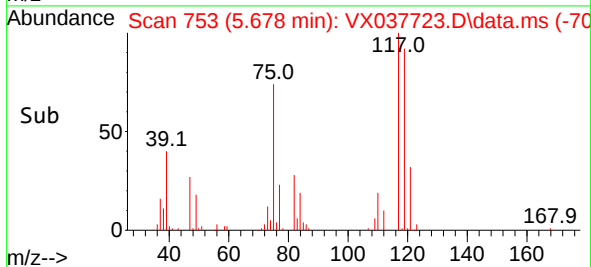
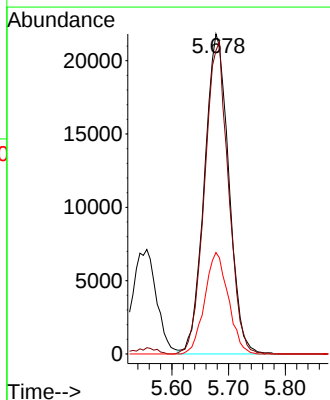
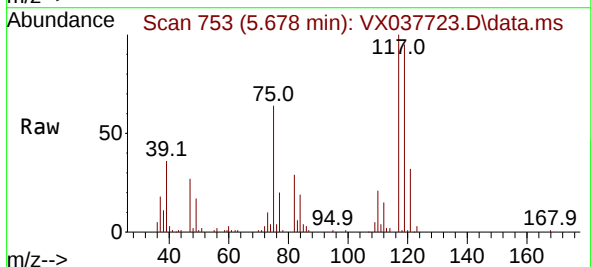
Manual Integrations
APPROVED

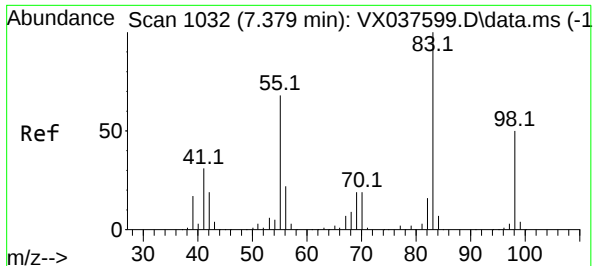
Reviewed By :John Carlone 09/14/2023
Supervised By :Semsettin Yesilyurt 09/15/2023



#38
Carbon Tetrachloride
Concen: 19.203 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28

Tgt Ion:117 Resp: 65206
Ion Ratio Lower Upper
117 100
119 94.9 78.2 117.2
121 31.7 24.4 36.6





#39

Methylcyclohexane

Concen: 19.182 ug/l

RT: 7.378 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX037723.D

Acq: 14 Sep 2023 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0914MBS01

Tgt Ion: 83 Resp: 7544

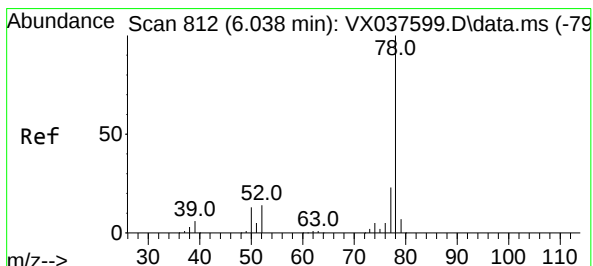
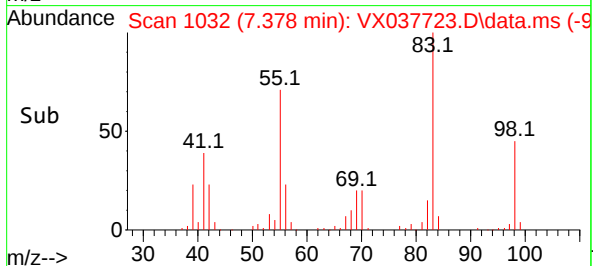
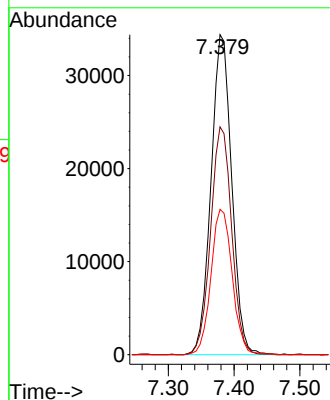
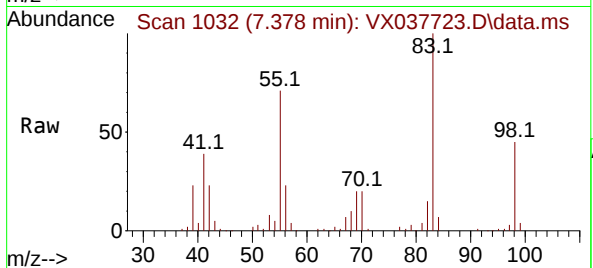
Ion	Ratio	Lower	Upper
83	100		
55	71.2	64.6	97.0
98	45.4	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Semsettin Yesilyurt 09/15/2023



#40

Benzene

Concen: 19.333 ug/l

RT: 6.037 min Scan# 812

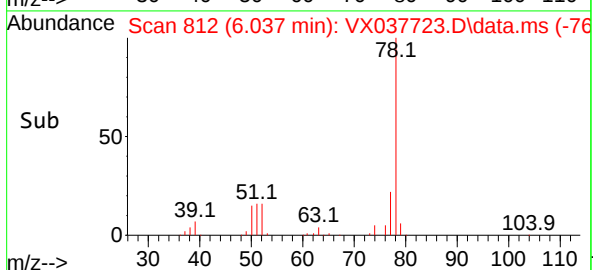
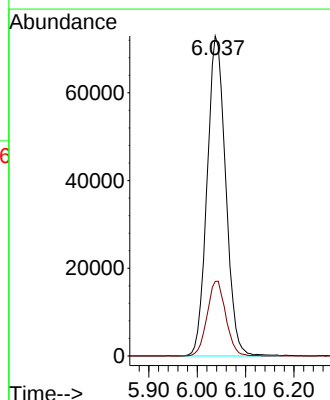
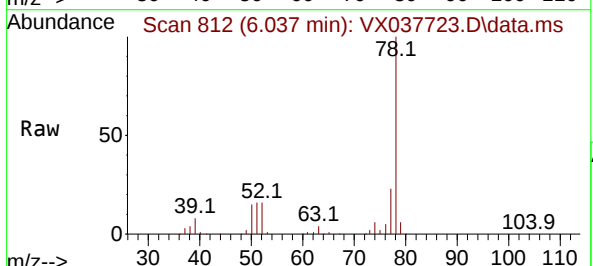
Delta R.T. -0.000 min

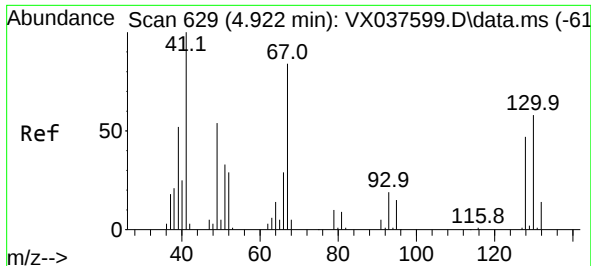
Lab File: VX037723.D

Acq: 14 Sep 2023 12:28

Tgt Ion: 78 Resp: 194809

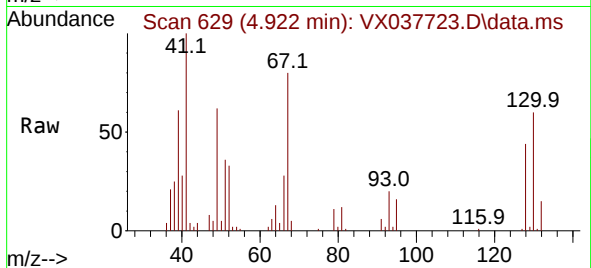
Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.3	28.9





#41
Methacrylonitrile
Concen: 18.753 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28

Instrument :
MSVOA_X
ClientSampleId :
VX0914MBS01

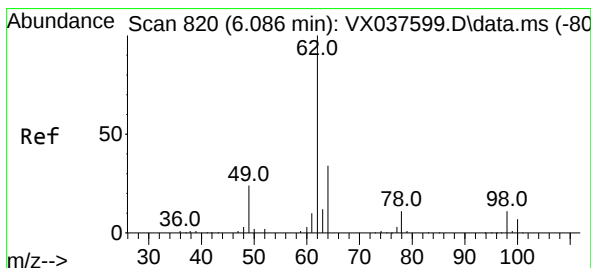
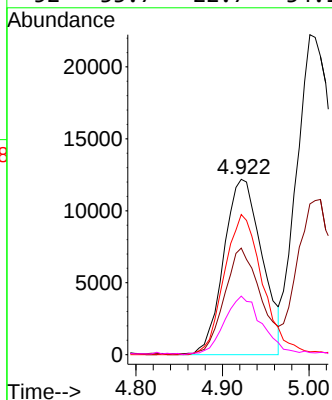
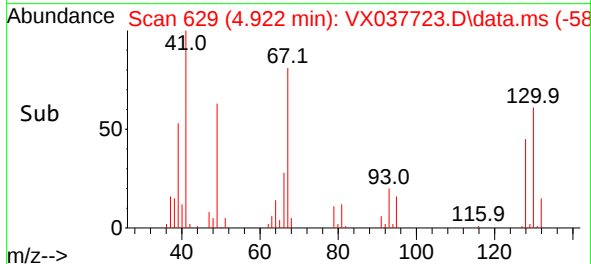


Tgt Ion: 41 Resp: 3756

Ion	Ratio	Lower	Upper
41	100		
39	56.7	45.2	67.8
67	80.8	52.6	78.8
52	33.7	22.7	34.1

Manual Integrations
APPROVED

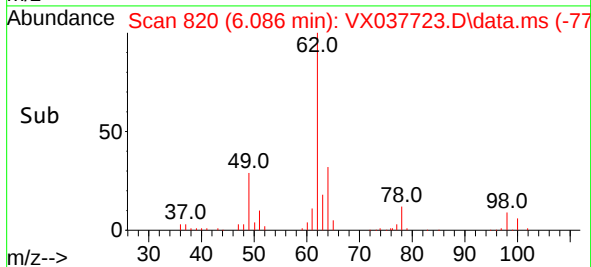
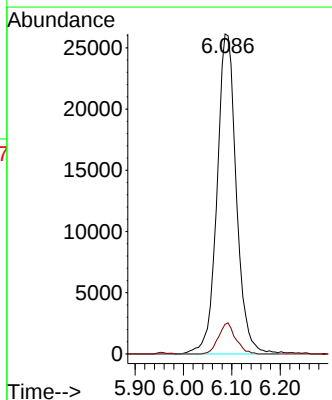
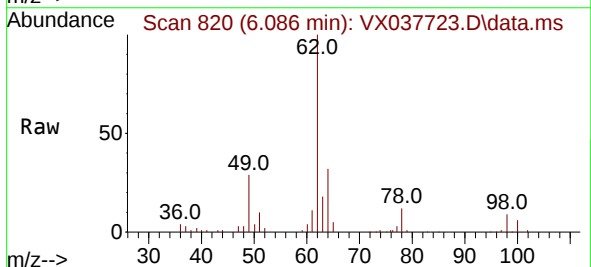
Reviewed By :John Carlone 09/14/2023
Supervised By :Semsettin Yesilyurt 09/15/2023

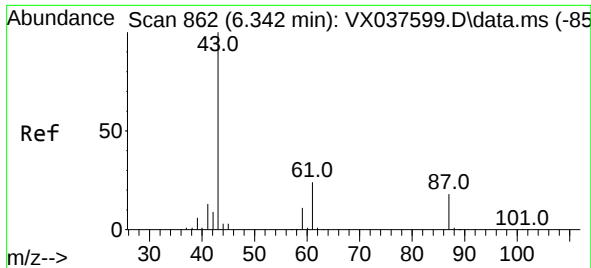


#42
1,2-Dichloroethane
Concen: 18.387 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28

Tgt Ion: 62 Resp: 72413

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.0





#43

Isopropyl Acetate

Concen: 18.942 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX037723.D

Acq: 14 Sep 2023 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0914MBS01

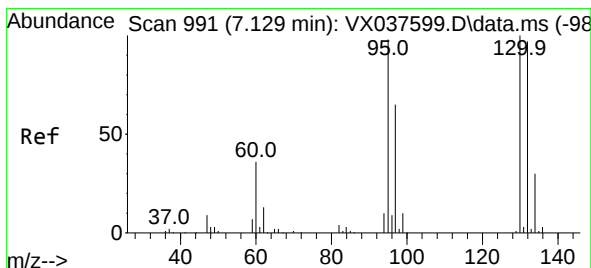
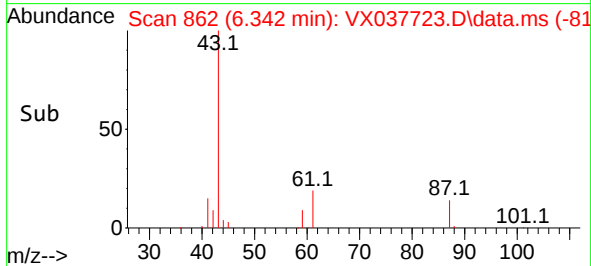
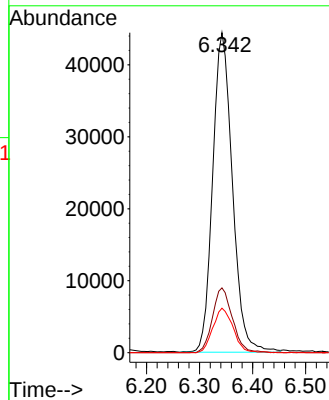
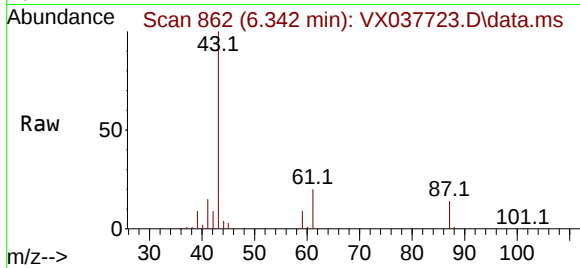
Tgt Ion:	43	Resp:	114930
Ion	Ratio	Lower	Upper
43	100		
61	20.5	15.2	22.8
87	14.3	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Semsettin Yesilyurt 09/15/2023



#44

Trichloroethene

Concen: 20.005 ug/l

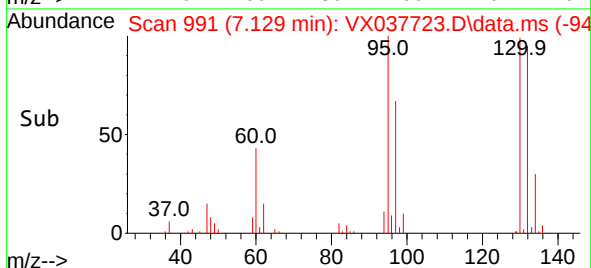
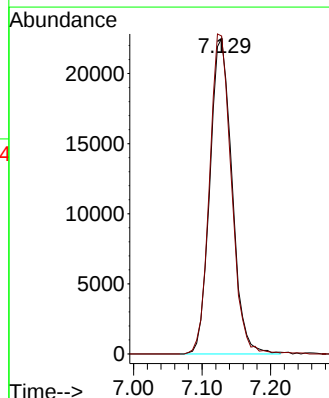
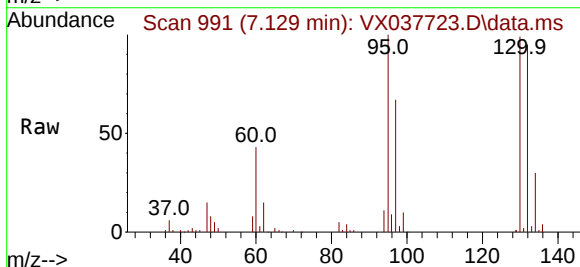
RT: 7.129 min Scan# 991

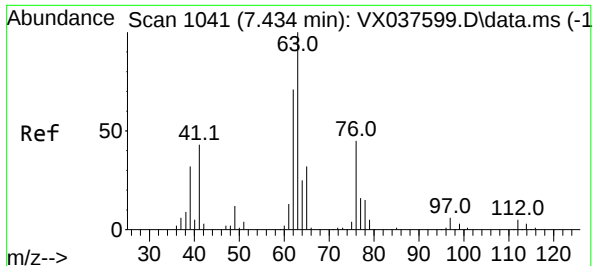
Delta R.T. -0.000 min

Lab File: VX037723.D

Acq: 14 Sep 2023 12:28

Tgt Ion:	130	Resp:	50363
Ion	Ratio	Lower	Upper
130	100		
95	100.7	0.0	204.4





#45

1,2-Dichloropropane

Concen: 19.173 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX037723.D

Acq: 14 Sep 2023 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0914MBS01

Tgt Ion: 63 Resp: 5098

Ion Ratio Lower Upper

63 100

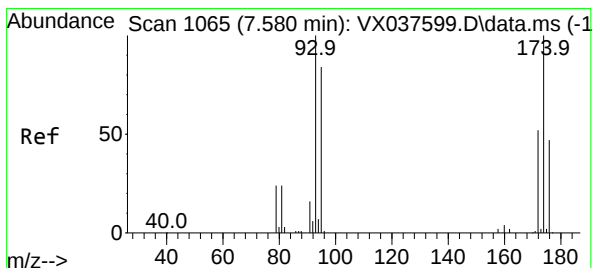
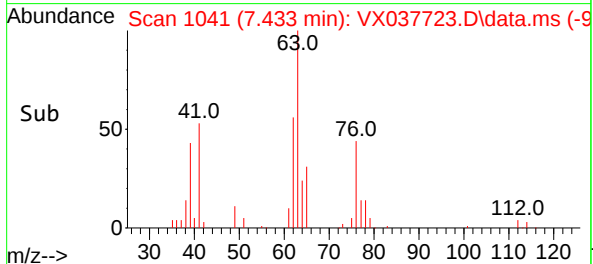
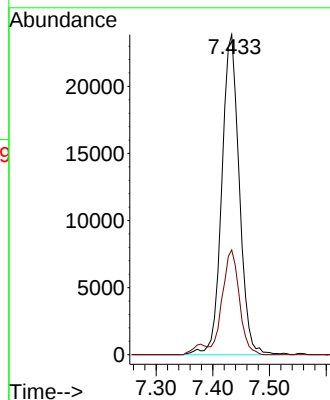
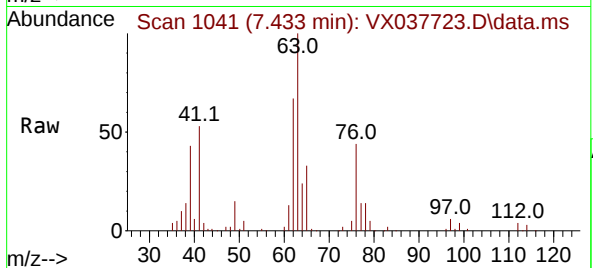
65 32.7 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Semsettin Yesilyurt 09/15/2023



#46

Dibromomethane

Concen: 19.341 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX037723.D

Acq: 14 Sep 2023 12:28

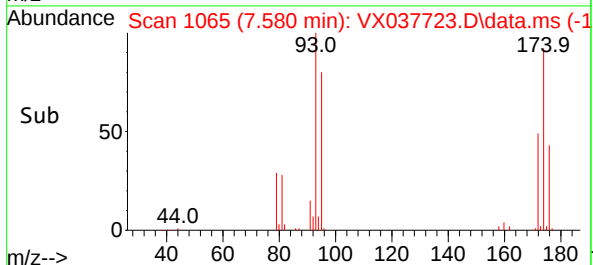
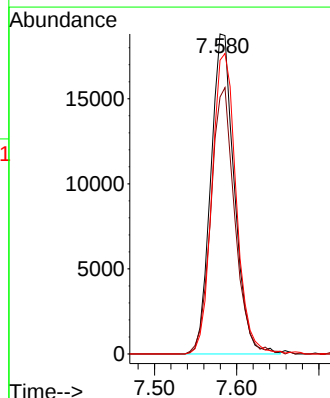
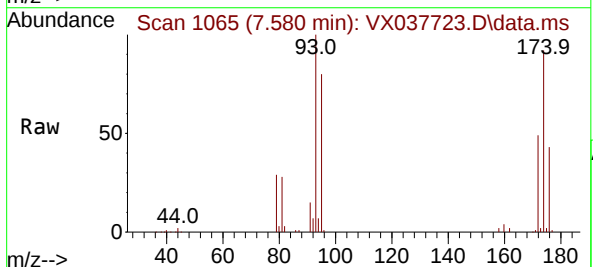
Tgt Ion: 93 Resp: 37416

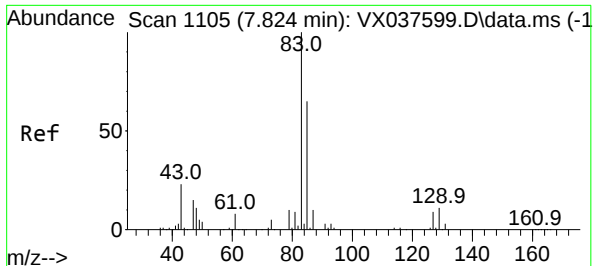
Ion Ratio Lower Upper

93 100

95 84.5 66.6 100.0

174 96.3 69.4 104.0





#47

Bromodichloromethane

Concen: 19.449 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX037723.D

Acq: 14 Sep 2023 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0914MBS01

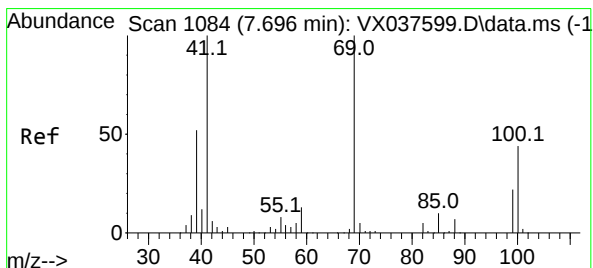
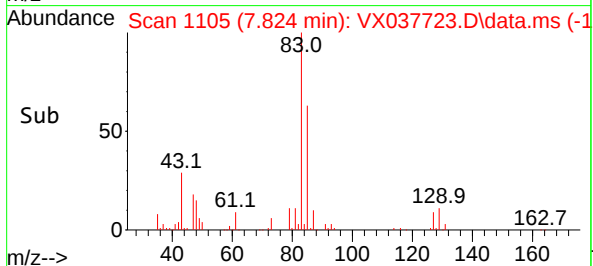
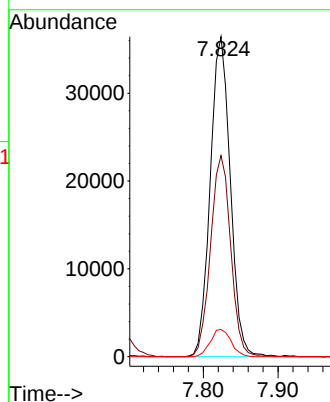
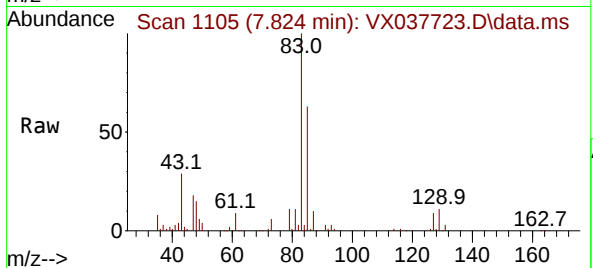
Tgt Ion:	83	Resp:	6792
Ion	Ratio	Lower	Upper
83	100		
85	62.9	49.8	74.6
127	8.5	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Semsettin Yesilyurt 09/15/2023



#48

Methyl methacrylate

Concen: 18.416 ug/l

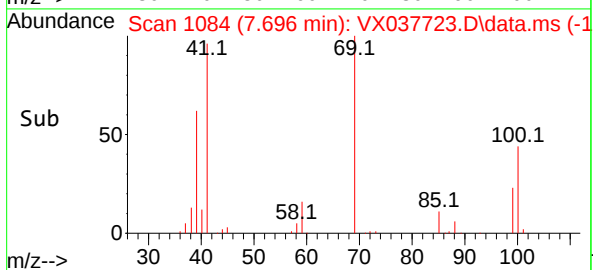
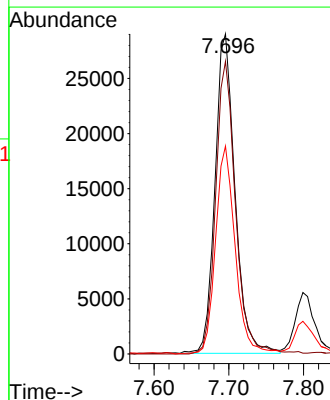
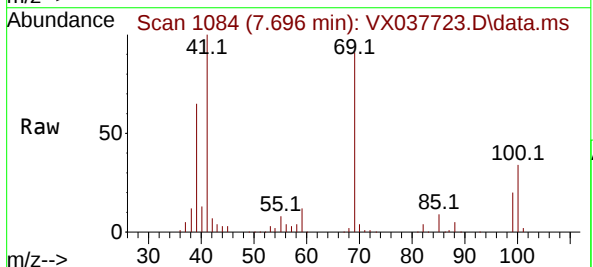
RT: 7.696 min Scan# 1084

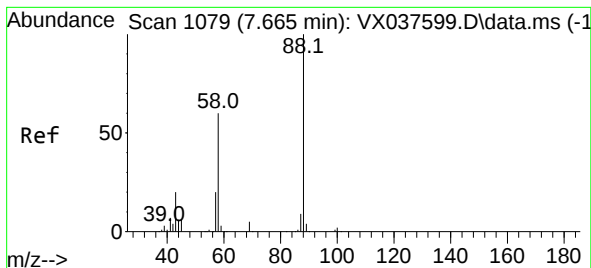
Delta R.T. -0.000 min

Lab File: VX037723.D

Acq: 14 Sep 2023 12:28

Tgt Ion:	41	Resp:	54012
Ion	Ratio	Lower	Upper
41	100		
69	90.9	59.2	88.8
39	64.1	47.7	71.5





#49

1,4-Dioxane

Concen: 419.153 ug/l

RT: 7.659 min Scan# 1079

Delta R.T. -0.006 min

Lab File: VX037723.D

Acq: 14 Sep 2023 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0914MBS01

Tgt Ion: 88 Resp: 30458

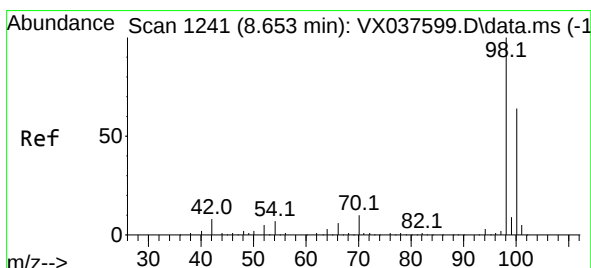
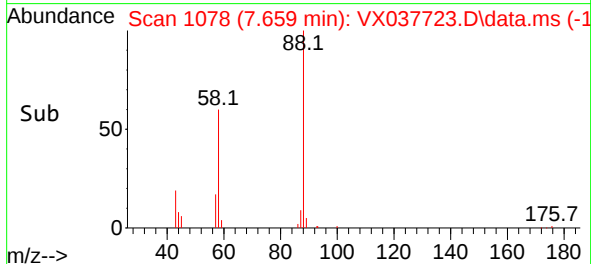
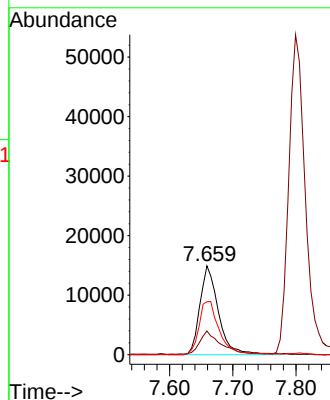
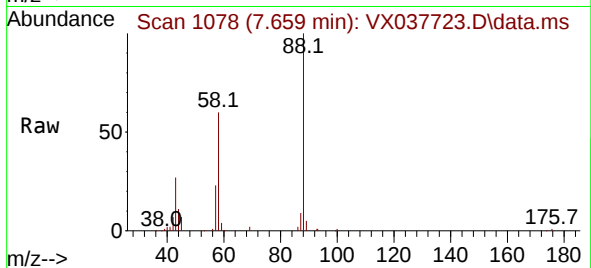
Ion	Ratio	Lower	Upper
88	100		
43	31.3	0.0	0.0
58	65.7	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Semsettin Yesilyurt 09/15/2023



#50

Toluene-d8

Concen: 49.929 ug/l

RT: 8.647 min Scan# 1240

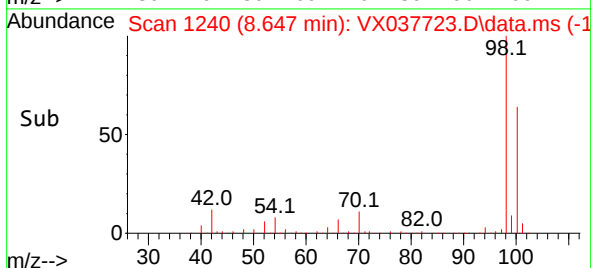
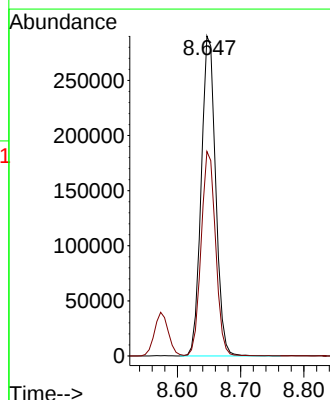
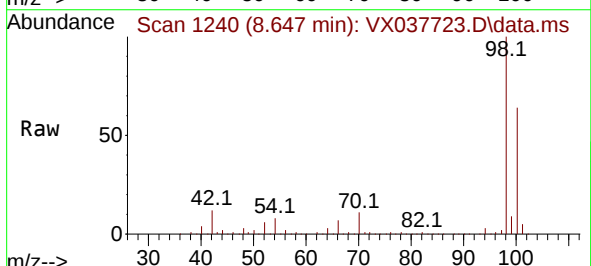
Delta R.T. -0.006 min

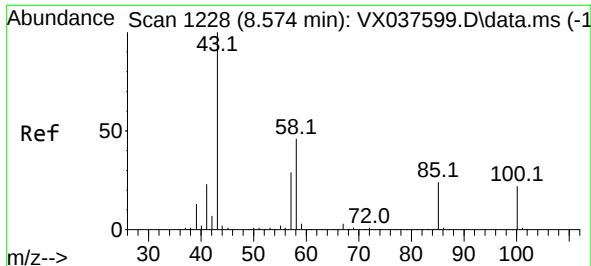
Lab File: VX037723.D

Acq: 14 Sep 2023 12:28

Tgt Ion: 98 Resp: 460077

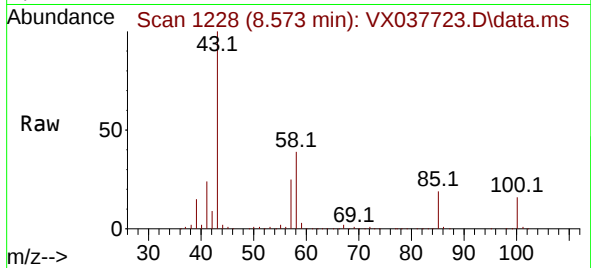
Ion	Ratio	Lower	Upper
98	100		
100	64.3	53.1	79.7





#51
4-Methyl-2-Pentanone
Concen: 96.172 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.001 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28

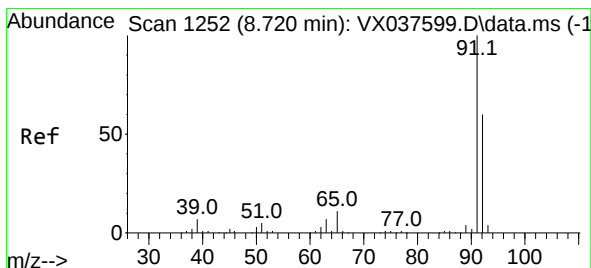
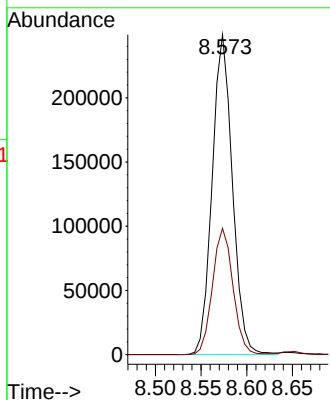
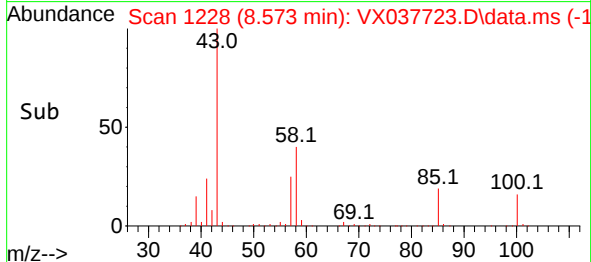
Instrument :
MSVOA_X
ClientSampleId :
VX0914MBS01



Tgt Ion: 43 Resp: 38315
Ion Ratio Lower Upper
43 100
58 40.0 30.4 45.6

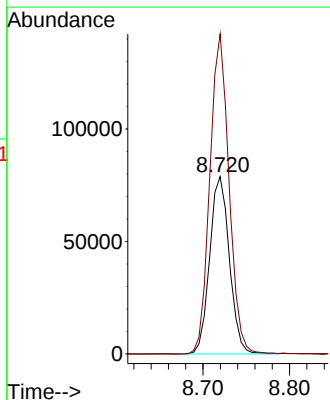
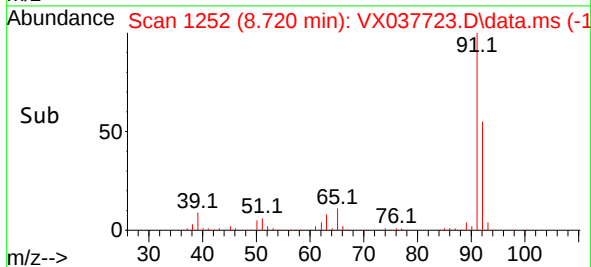
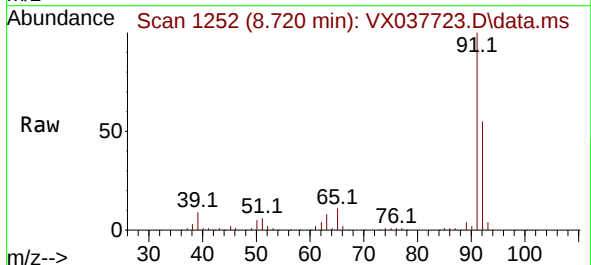
Manual Integrations
APPROVED

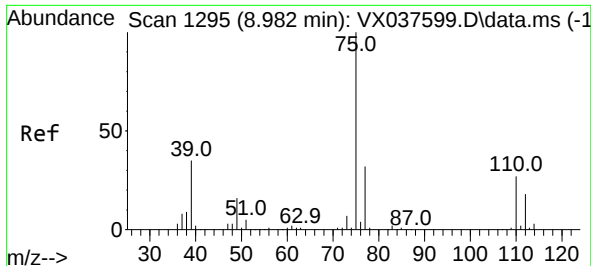
Reviewed By :John Carlone 09/14/2023
Supervised By :Semsettin Yesilyurt 09/15/2023



#52
Toluene
Concen: 19.220 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28

Tgt Ion: 92 Resp: 124521
Ion Ratio Lower Upper
92 100
91 176.3 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 19.632 ug/l

RT: 8.982 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX037723.D

Acq: 14 Sep 2023 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0914MBS01

Tgt Ion: 75 Resp: 69510

Ion Ratio Lower Upper

75 100

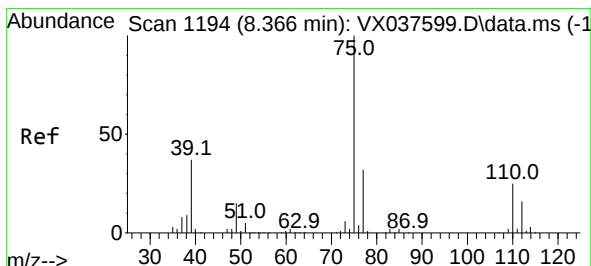
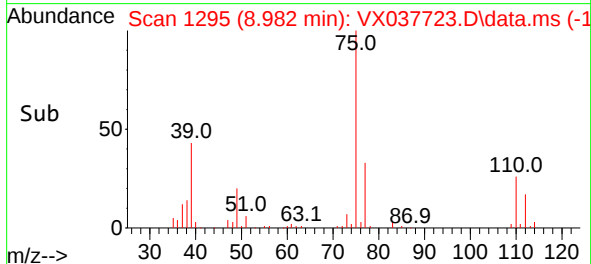
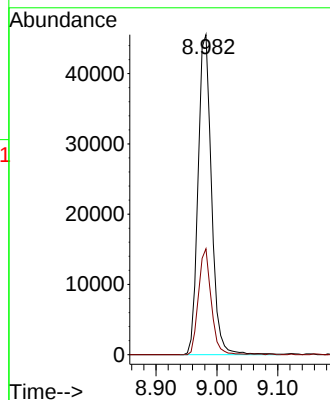
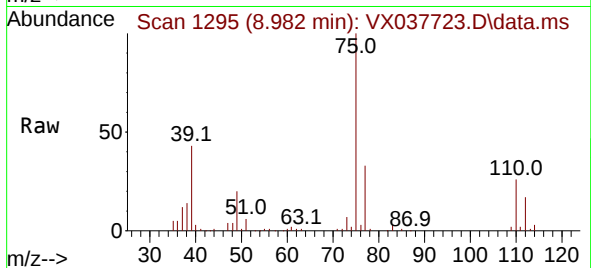
77 33.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Semsettin Yesilyurt 09/15/2023



#54

cis-1,3-Dichloropropene

Concen: 19.896 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX037723.D

Acq: 14 Sep 2023 12:28

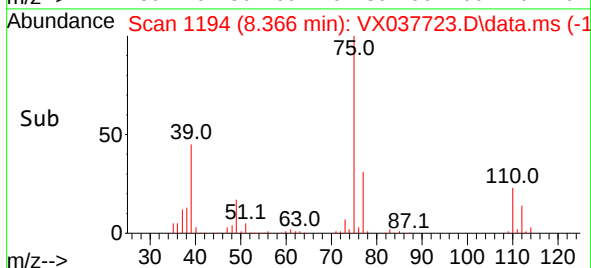
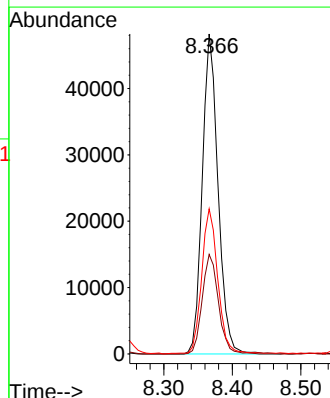
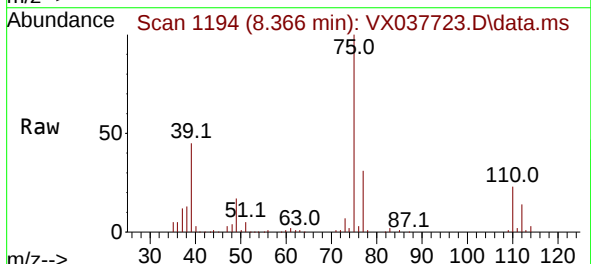
Tgt Ion: 75 Resp: 77301

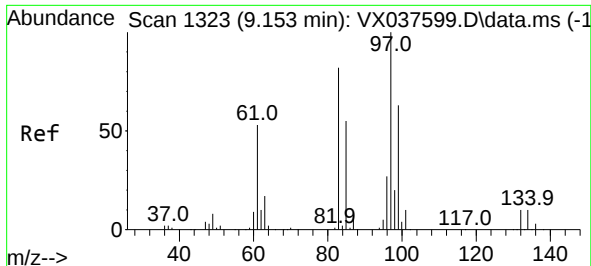
Ion Ratio Lower Upper

75 100

77 31.1 25.3 37.9

39 45.1 46.7 70.1#





#55

1,1,2-Trichloroethane

Concen: 19.842 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX037723.D

Acq: 14 Sep 2023 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0914MBS01

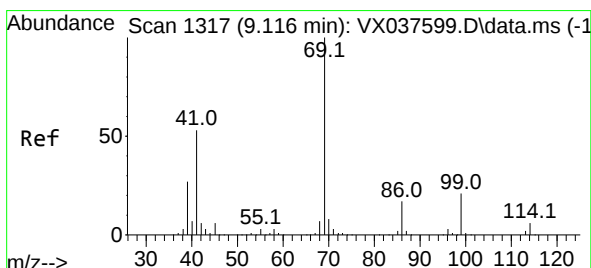
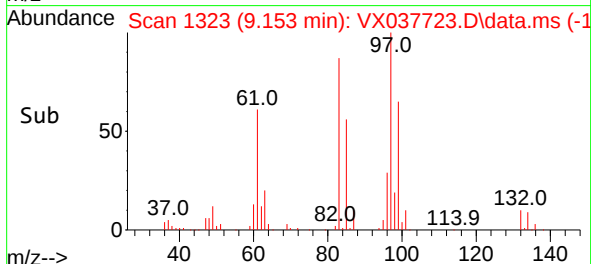
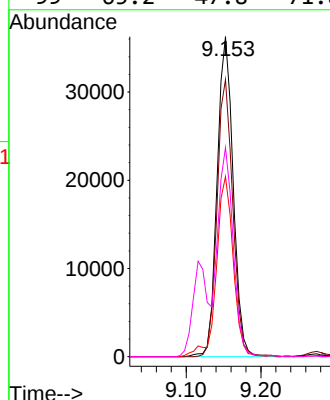
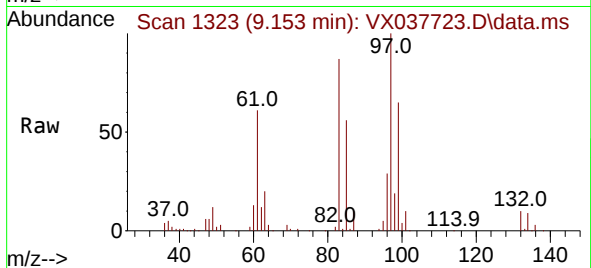
Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.6	65.8	98.8
85	56.3	41.6	62.4
99	65.2	47.8	71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Semsettin Yesilyurt 09/15/2023



#56

Ethyl methacrylate

Concen: 19.518 ug/l

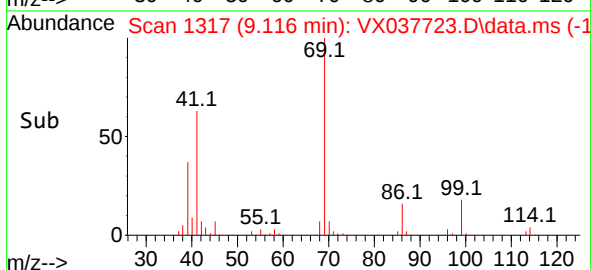
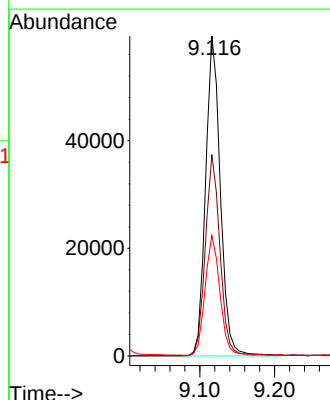
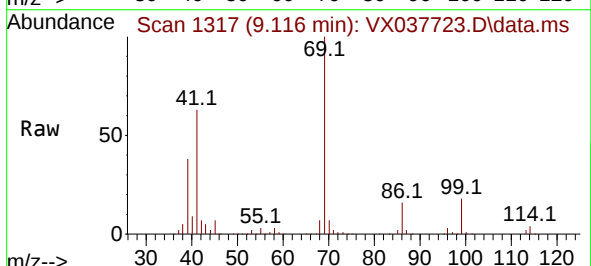
RT: 9.116 min Scan# 1317

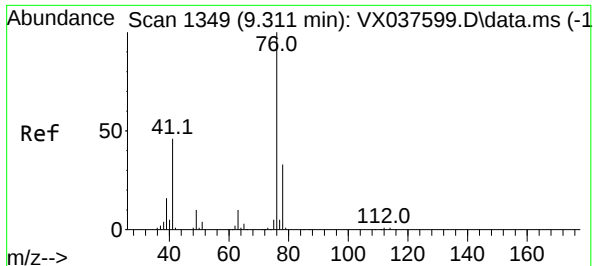
Delta R.T. -0.000 min

Lab File: VX037723.D

Acq: 14 Sep 2023 12:28

Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.0	56.8	85.2
39	37.5	32.0	48.0





#57

1,3-Dichloropropane

Concen: 19.300 ug/l

RT: 9.311 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037723.D

Acq: 14 Sep 2023 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0914MBS01

Tgt Ion: 76 Resp: 8831

Ion Ratio Lower Upper

76 100

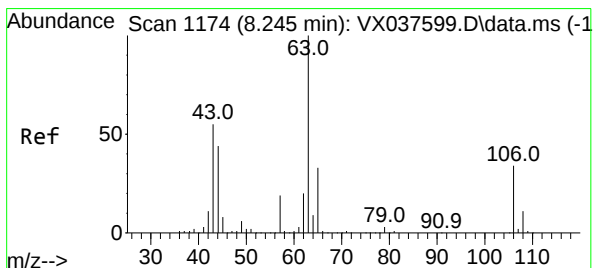
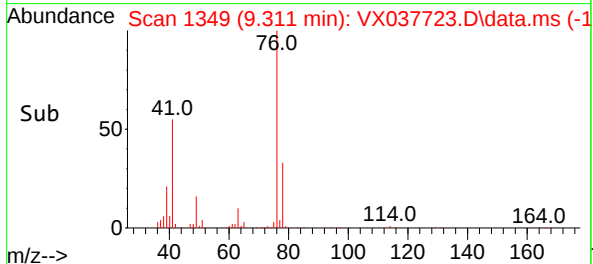
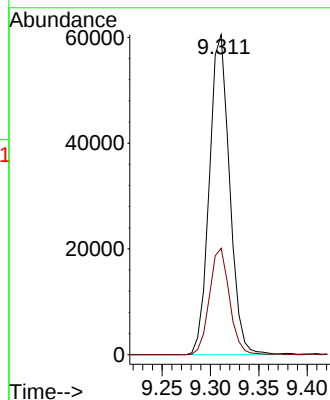
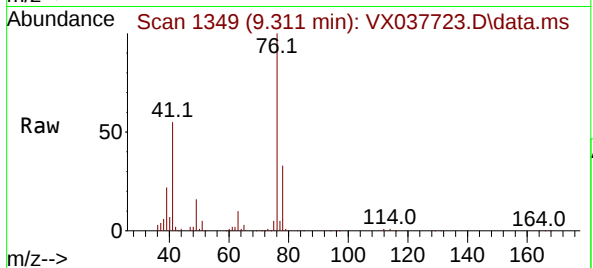
78 32.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Semsettin Yesilyurt 09/15/2023



#58

2-Chloroethyl Vinyl ether

Concen: 102.603 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX037723.D

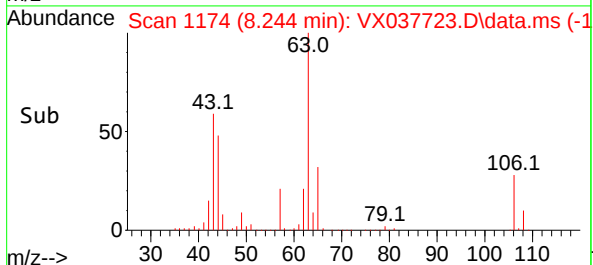
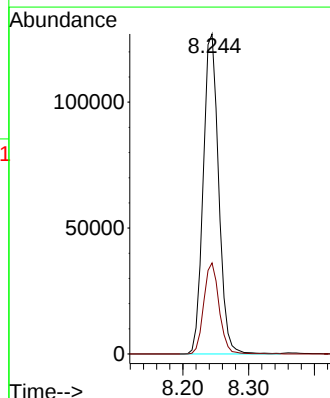
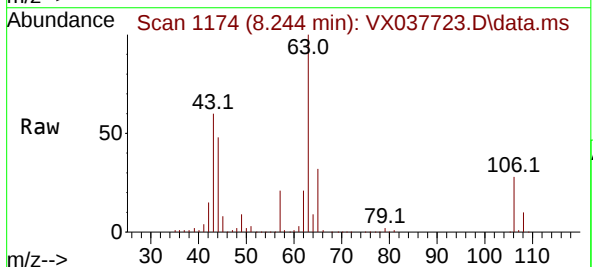
Acq: 14 Sep 2023 12:28

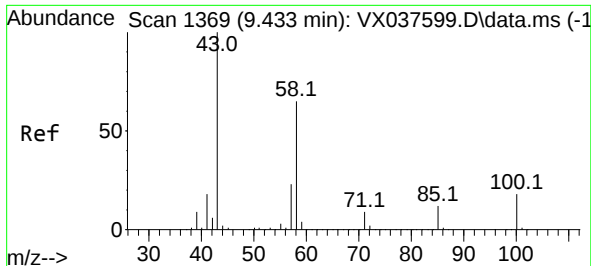
Tgt Ion: 63 Resp: 207654

Ion Ratio Lower Upper

63 100

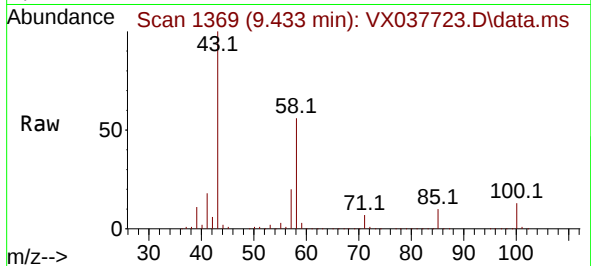
106 28.3 22.5 33.7





#59
2-Hexanone
Concen: 96.514 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28

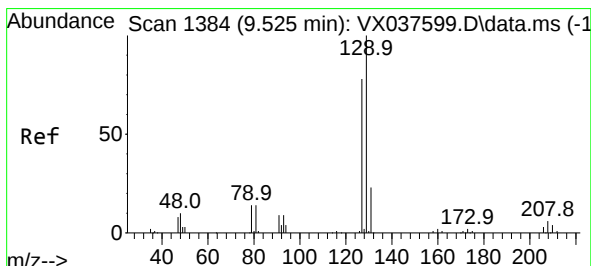
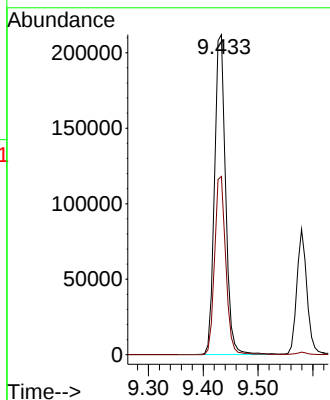
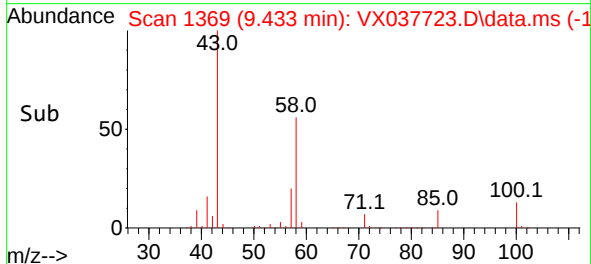
Instrument :
MSVOA_X
ClientSampleId :
VX0914MBS01



Tgt Ion: 43 Resp: 296808
Ion Ratio Lower Upper
43 100
58 56.1 26.2 78.5

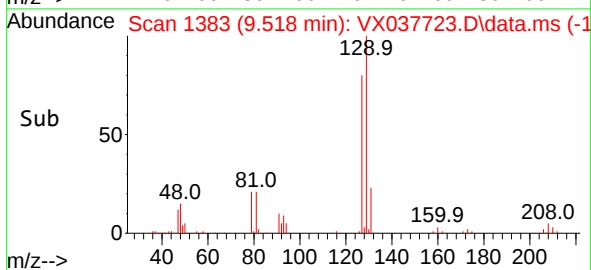
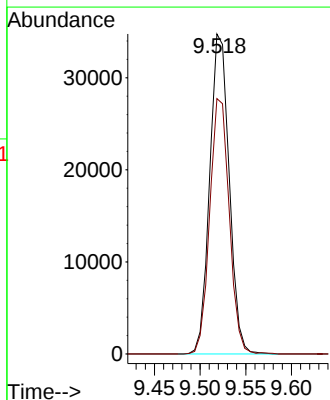
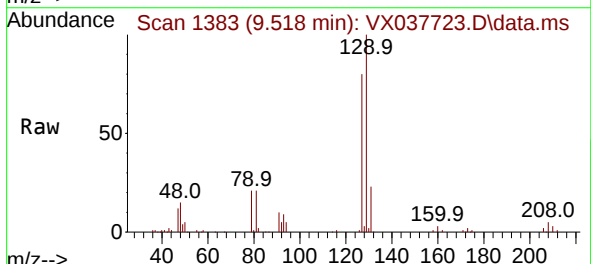
Manual Integrations
APPROVED

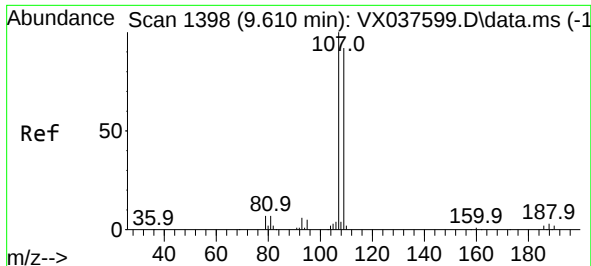
Reviewed By :John Carlone 09/14/2023
Supervised By :Semsettin Yesilyurt 09/15/2023



#60
Dibromochloromethane
Concen: 19.172 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28

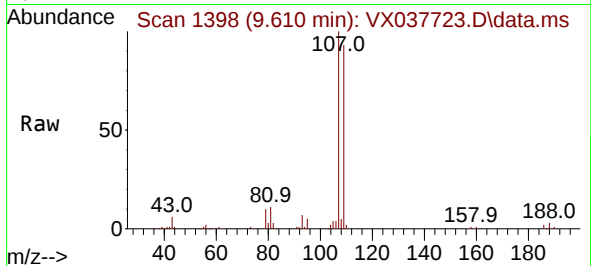
Tgt Ion:129 Resp: 51375
Ion Ratio Lower Upper
129 100
127 80.0 38.8 116.4





#61
1,2-Dibromoethane
Concen: 19.624 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28

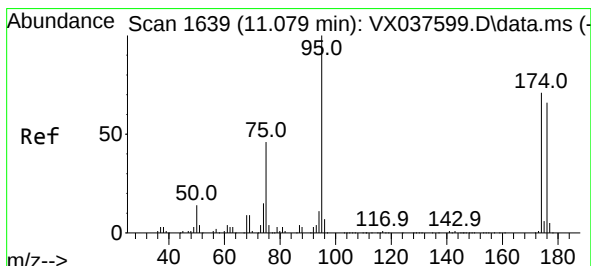
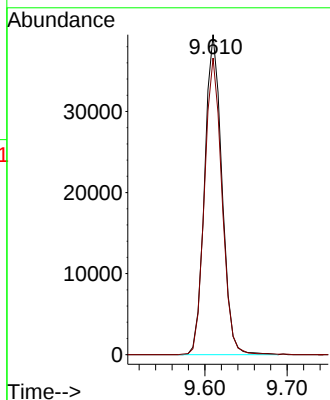
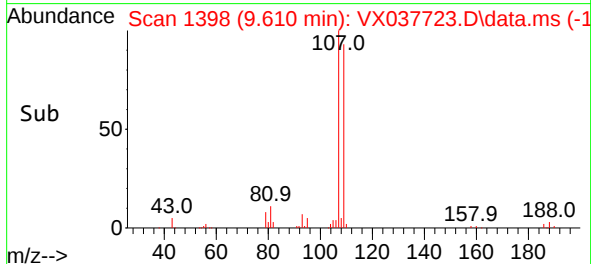
Instrument :
MSVOA_X
ClientSampleId :
VX0914MBS01



Tgt Ion:107 Resp: 57549
Ion Ratio Lower Upper
107 100
109 93.7 75.2 112.8

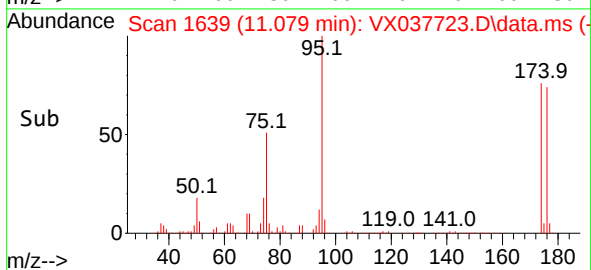
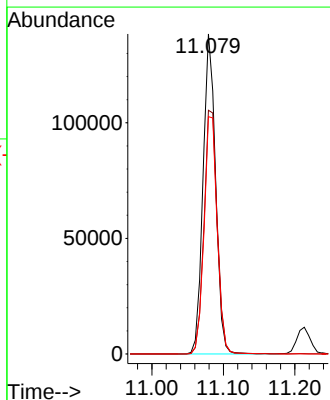
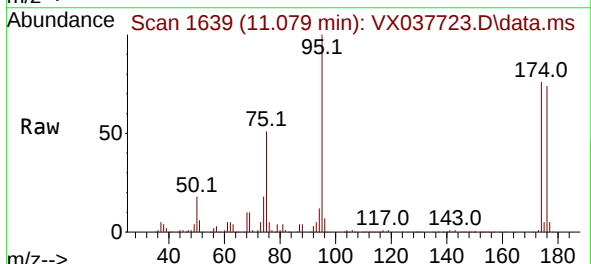
Manual Integrations
APPROVED

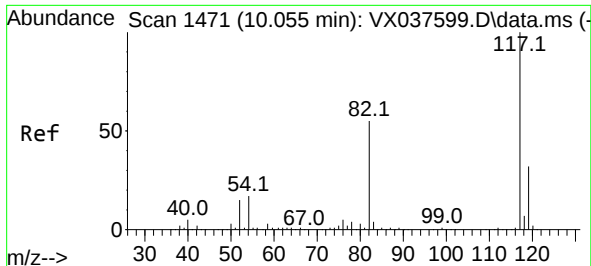
Reviewed By :John Carlone 09/14/2023
Supervised By :Semsettin Yesilyurt 09/15/2023



#62
4-Bromofluorobenzene
Concen: 50.677 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28

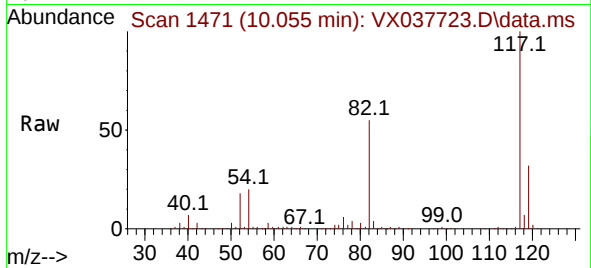
Tgt Ion: 95 Resp: 168470
Ion Ratio Lower Upper
95 100
174 80.6 0.0 135.6
176 78.2 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28

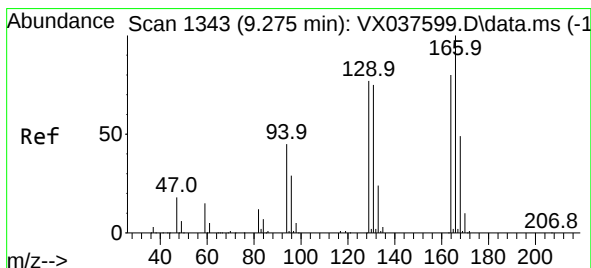
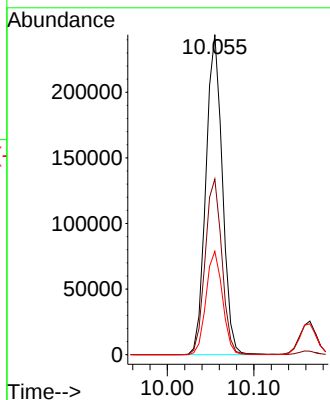
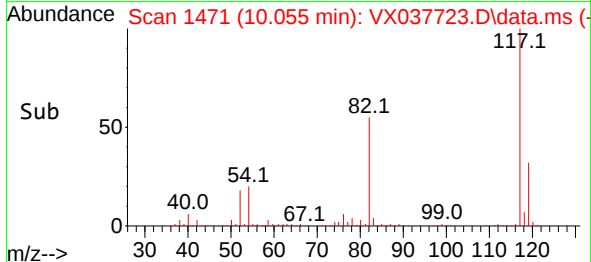
Instrument :
MSVOA_X
ClientSampleId :
VX0914MBS01



Tgt Ion:117 Resp: 32195
Ion Ratio Lower Upper
117 100
82 54.9 46.2 69.4
119 32.3 25.5 38.3

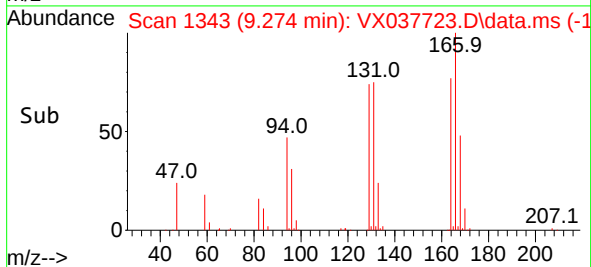
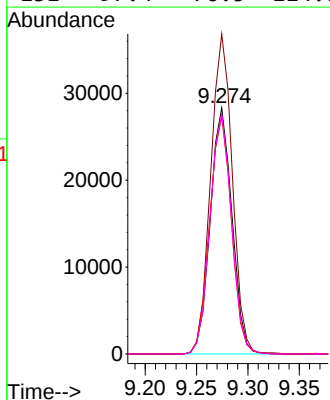
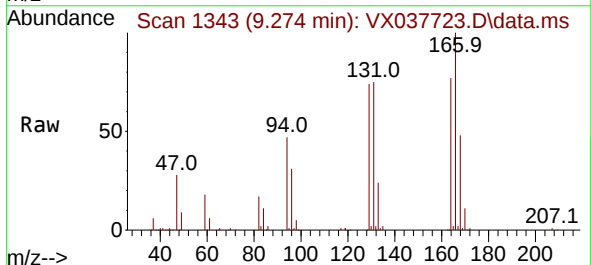
Manual Integrations
APPROVED

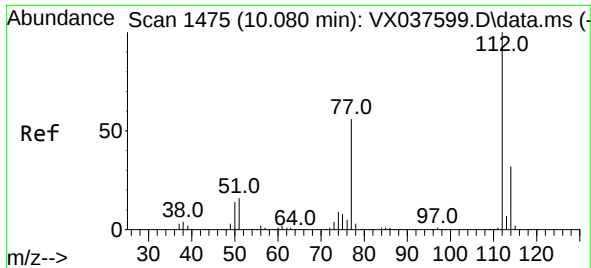
Reviewed By :John Carlone 09/14/2023
Supervised By :Semsettin Yesilyurt 09/15/2023



#64
Tetrachloroethene
Concen: 19.937 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28

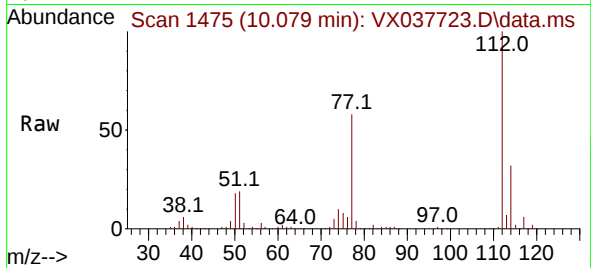
Tgt Ion:164 Resp: 41588
Ion Ratio Lower Upper
164 100
166 130.0 102.7 154.1
129 96.5 80.4 120.6
131 97.4 76.5 114.7





#65
Chlorobenzene
Concen: 19.758 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28

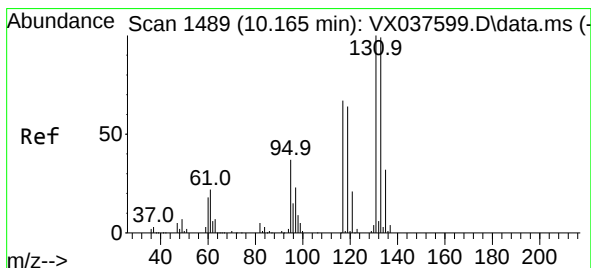
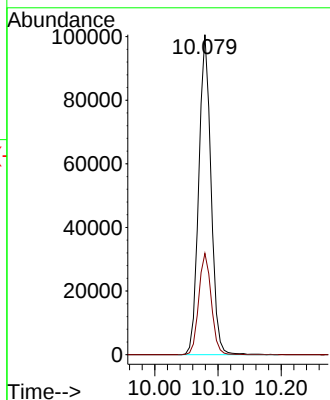
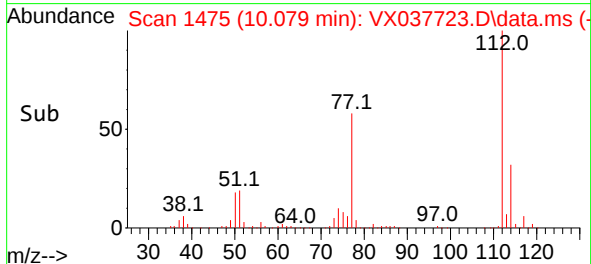
Instrument :
MSVOA_X
ClientSampleId :
VX0914MBS01



Tgt Ion:112 Resp: 13558
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5

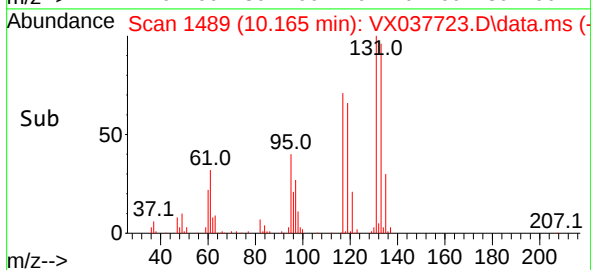
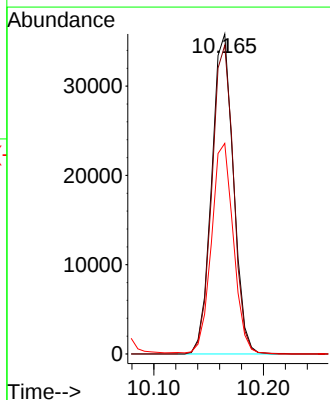
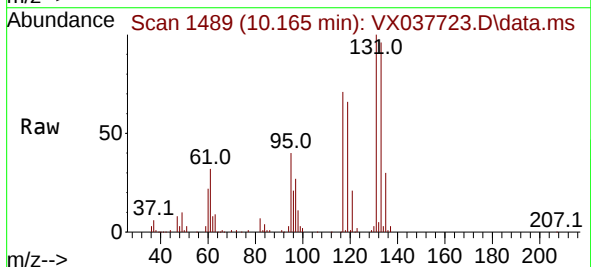
Manual Integrations
APPROVED

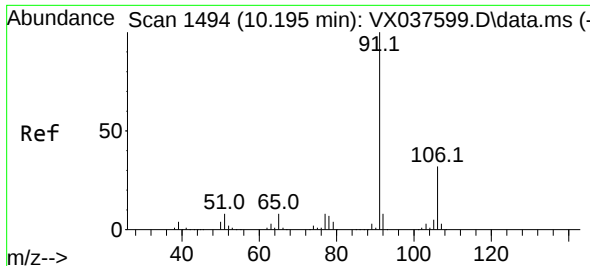
Reviewed By :John Carlone 09/14/2023
Supervised By :Semsettin Yesilyurt 09/15/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.888 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28

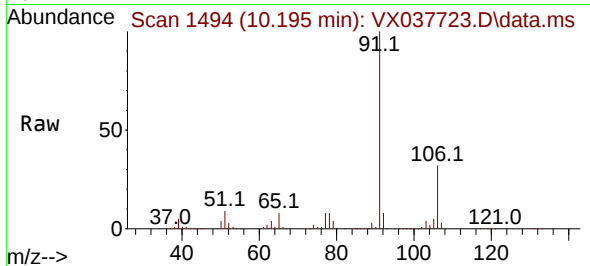
Tgt Ion:131 Resp: 49401
Ion Ratio Lower Upper
131 100
133 96.4 47.1 141.4
119 66.7 32.2 96.6





#67
Ethyl Benzene
Concen: 19.770 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28

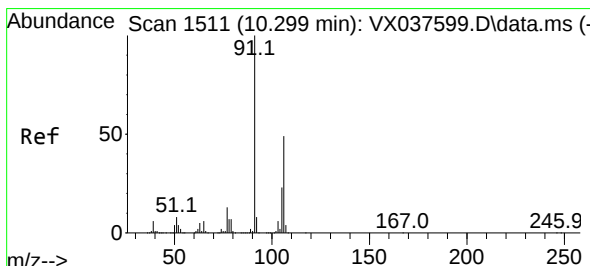
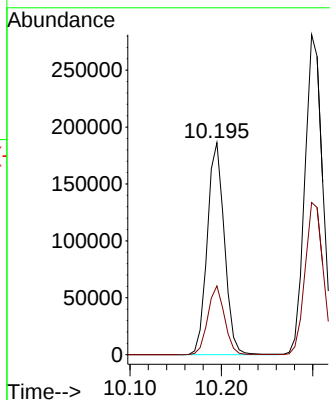
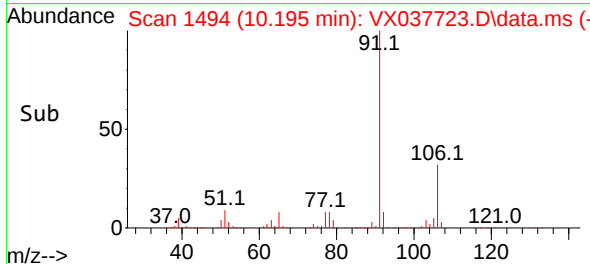
Instrument :
MSVOA_X
ClientSampleId :
VX0914MBS01



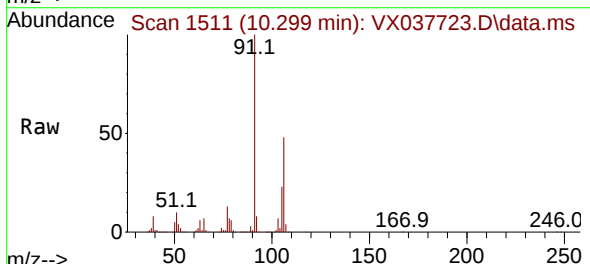
Tgt Ion: 91 Resp: 241427
Ion Ratio Lower Upper
91 100
106 32.4 24.9 37.3

Manual Integrations
APPROVED

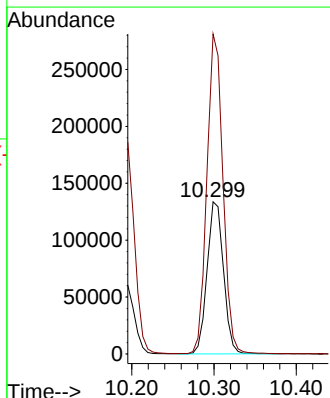
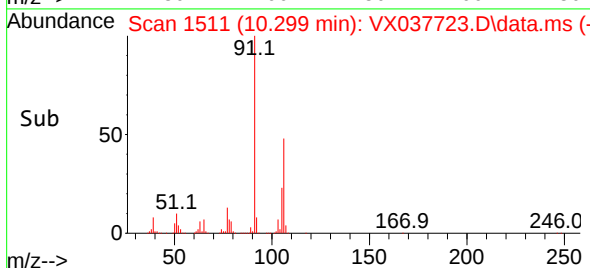
Reviewed By :John Carlone 09/14/2023
Supervised By :Semsettin Yesilyurt 09/15/2023

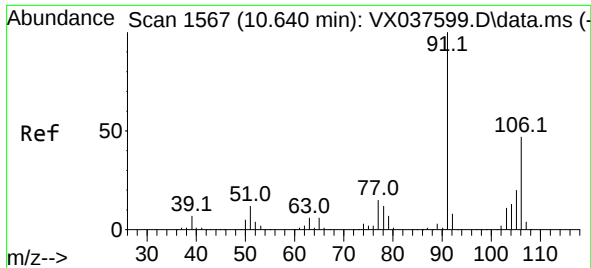


#68
m/p-Xylenes
Concen: 39.697 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28



Tgt Ion:106 Resp: 184846
Ion Ratio Lower Upper
106 100
91 206.2 165.5 248.3





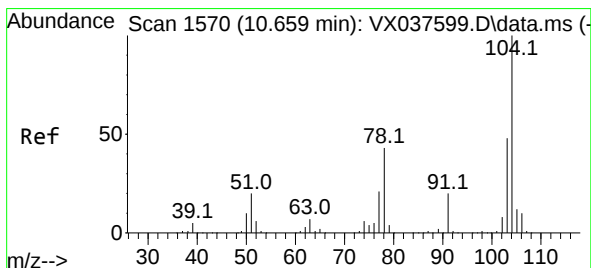
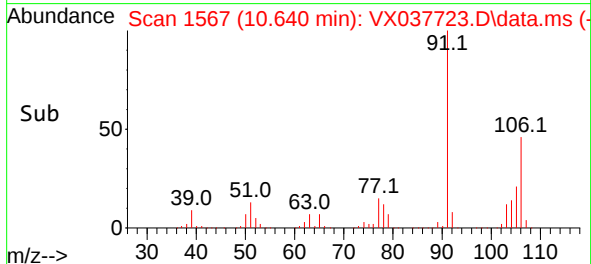
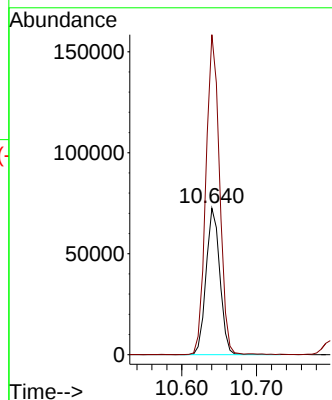
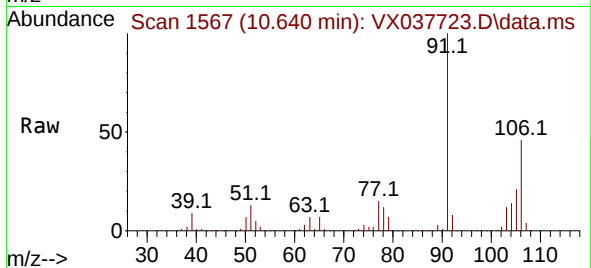
#69
o-Xylene
Concen: 20.039 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28

Instrument :
MSVOA_X
ClientSampleId :
VX0914MBS01

Tgt Ion:106 Resp: 9303
Ion Ratio Lower Upper
106 100
91 216.5 108.9 326.8

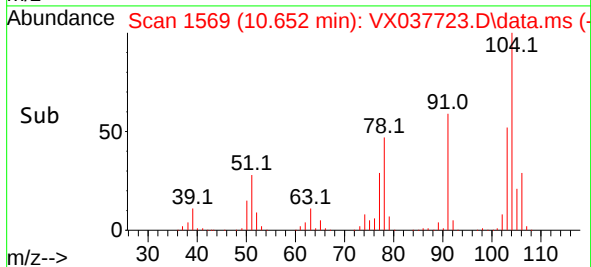
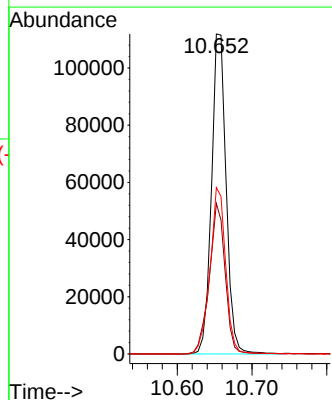
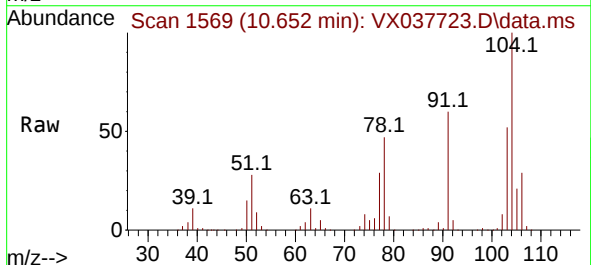
Manual Integrations
APPROVED

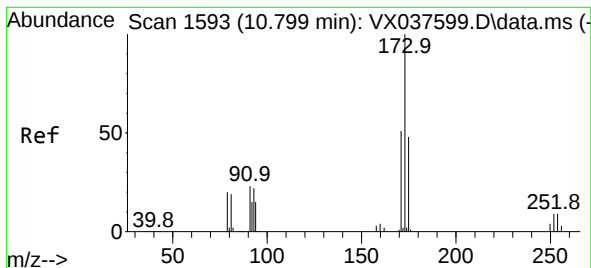
Reviewed By :John Carlone 09/14/2023
Supervised By :Semsettin Yesilyurt 09/15/2023



#70
Styrene
Concen: 20.148 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.007 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28

Tgt Ion:104 Resp: 152601
Ion Ratio Lower Upper
104 100
78 50.5 43.6 65.4
103 55.8 43.6 65.4





#71

Bromoform

Concen: 20.018 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX037723.D

Acq: 14 Sep 2023 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0914MBS01

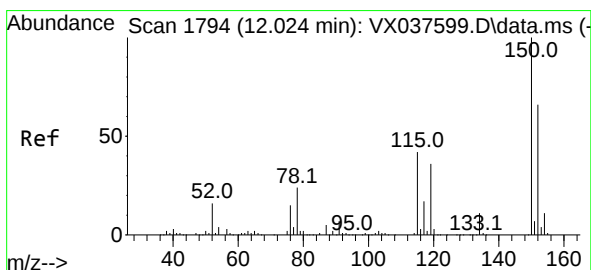
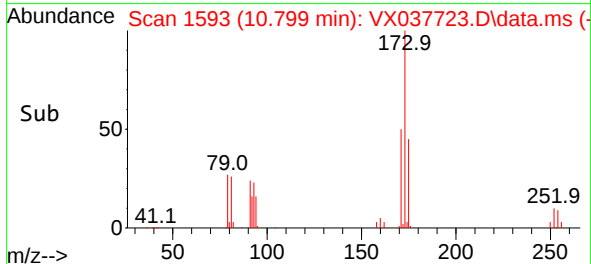
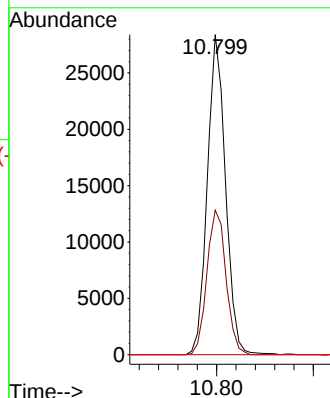
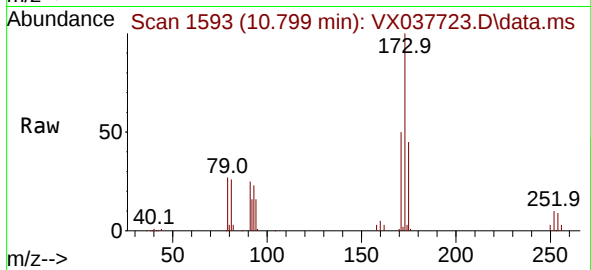
Tgt Ion:173	Resp:	37040
Ion Ratio	Lower	Upper
173	100	
175	47.6	24.1 72.4
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Semsettin Yesilyurt 09/15/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

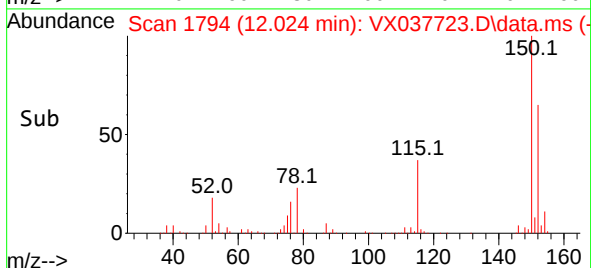
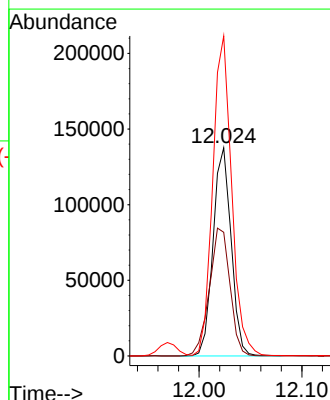
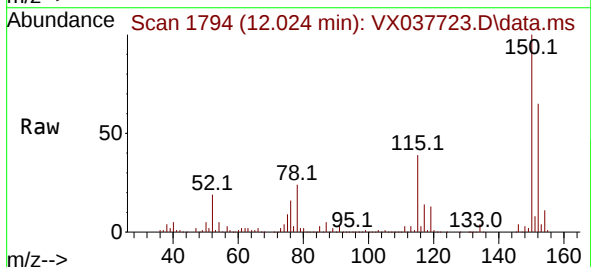
RT: 12.024 min Scan# 1794

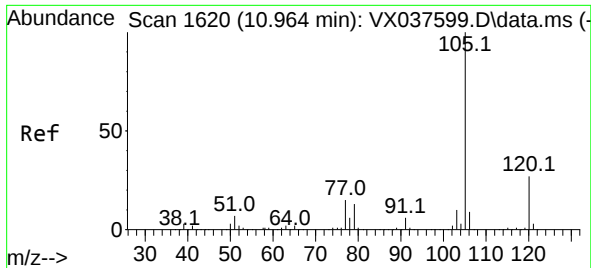
Delta R.T. -0.000 min

Lab File: VX037723.D

Acq: 14 Sep 2023 12:28

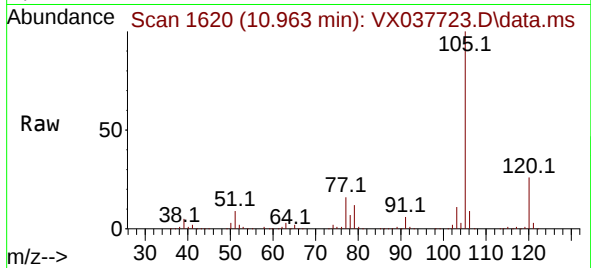
Tgt Ion:152	Resp:	167605
Ion Ratio	Lower	Upper
152	100	
115	70.2	43.3 129.9
150	161.3	0.0 345.0





#73
Isopropylbenzene
Concen: 19.363 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28

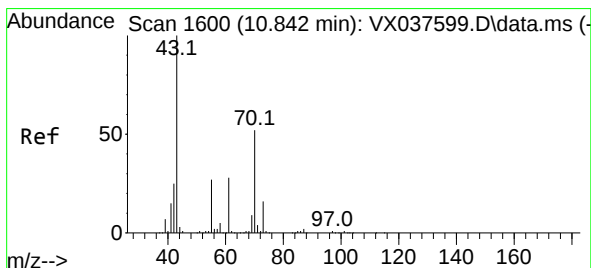
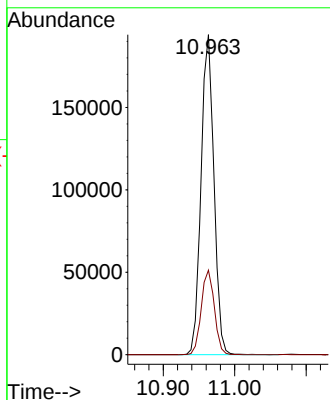
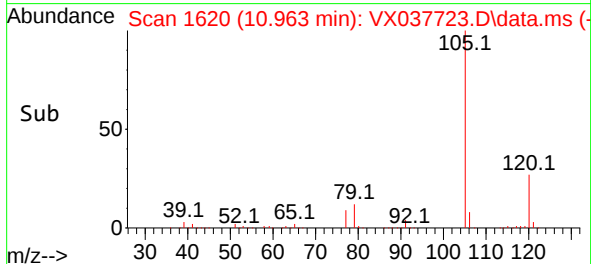
Instrument :
MSVOA_X
ClientSampleId :
VX0914MBS01



Tgt Ion:105 Resp: 242974
Ion Ratio Lower Upper
105 100
120 26.8 12.9 38.6

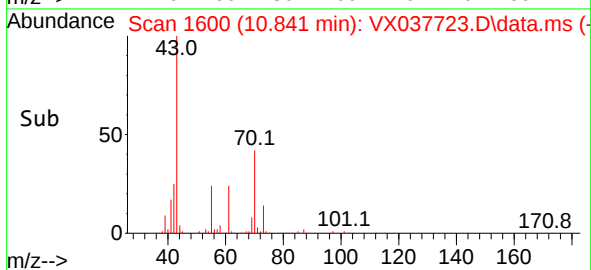
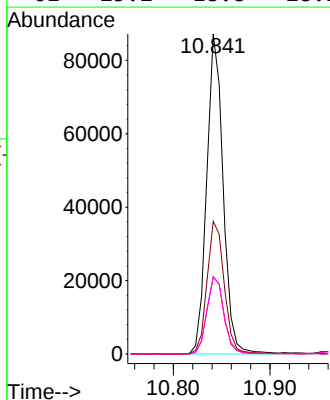
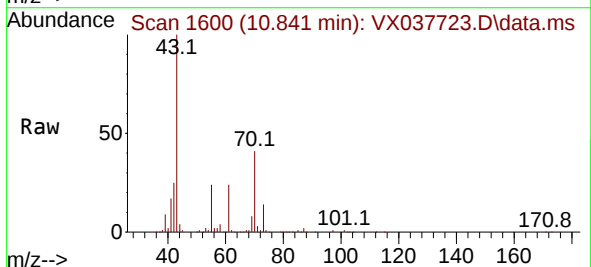
Manual Integrations
APPROVED

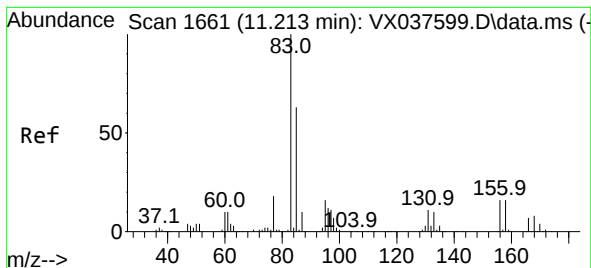
Reviewed By :John Carlone 09/14/2023
Supervised By :Semsettin Yesilyurt 09/15/2023



#74
N-ethyl acetate
Concen: 18.770 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28

Tgt Ion: 43 Resp: 102709
Ion Ratio Lower Upper
43 100
70 43.7 32.9 49.3
55 25.5 19.3 28.9
61 25.2 18.8 28.2





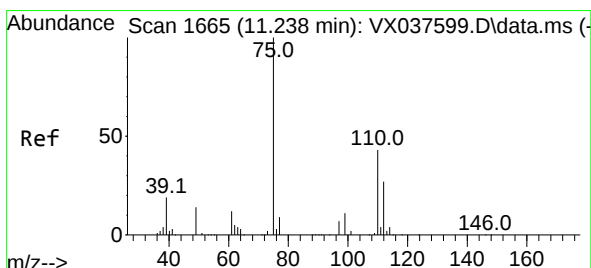
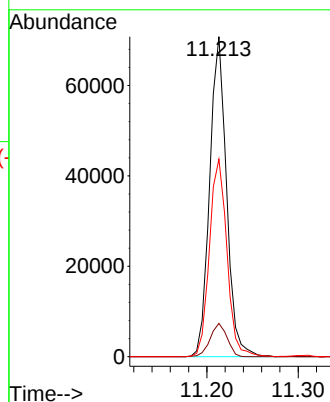
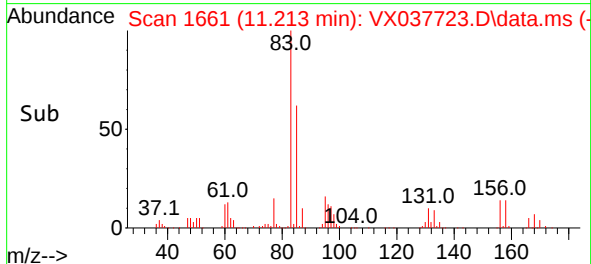
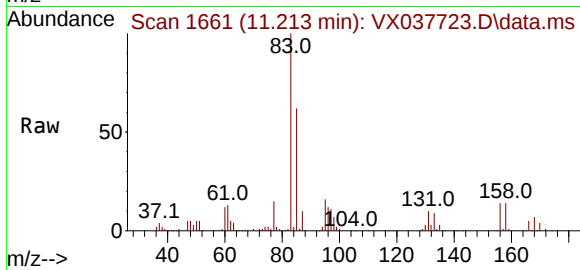
#75
1,1,2,2-Tetrachloroethane
Concen: 19.283 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28

Instrument :
MSVOA_X
ClientSampleId :
VX0914MBS01

Tgt Ion: 83 Resp: 90549
Ion Ratio Lower Upper
83 100
131 10.4 5.3 15.8
85 64.1 32.0 96.2

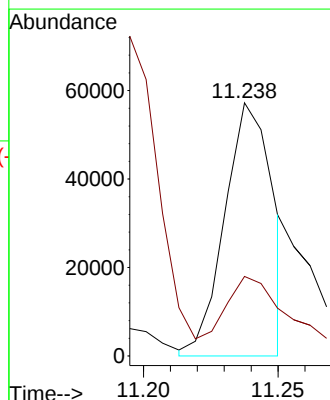
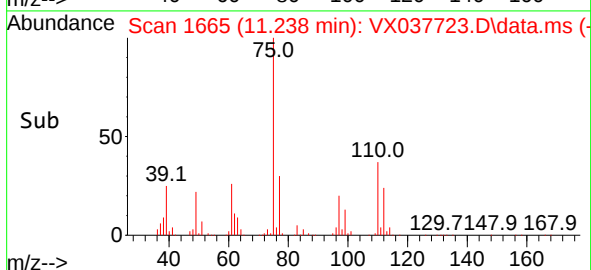
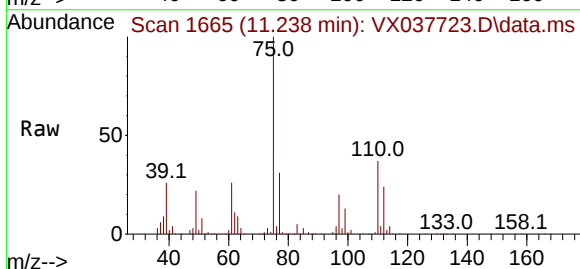
Manual Integrations
APPROVED

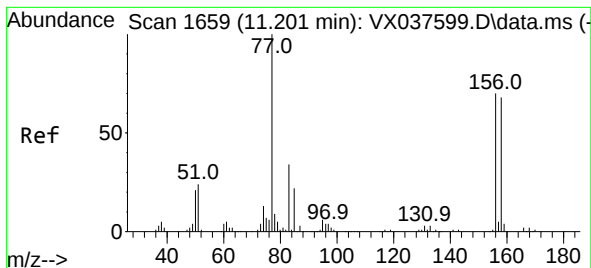
Reviewed By :John Carlone 09/14/2023
Supervised By :Semsettin Yesilyurt 09/15/2023



#76
1,2,3-Trichloropropane
Concen: 19.291 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28

Tgt Ion: 75 Resp: 71081
Ion Ratio Lower Upper
75 100
77 42.9 19.1 57.5





#77

Bromobenzene

Concen: 20.241 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX037723.D

Acq: 14 Sep 2023 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0914MBS01

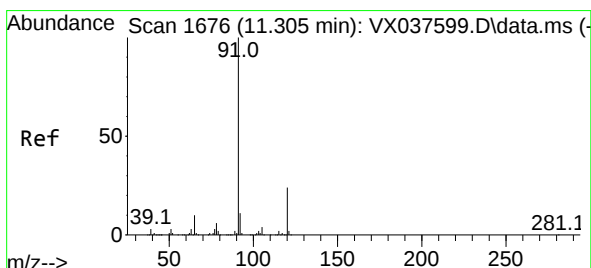
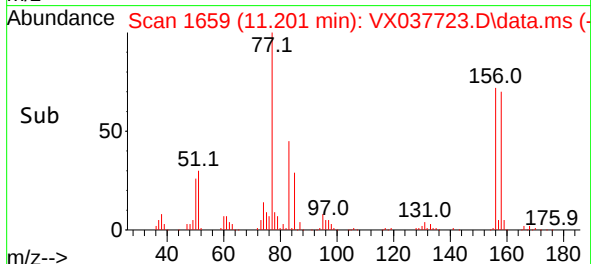
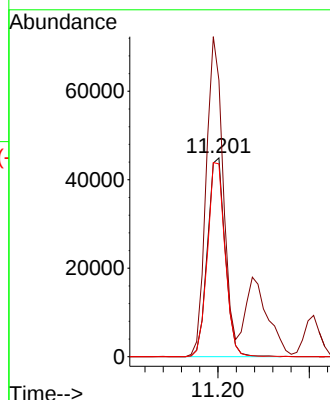
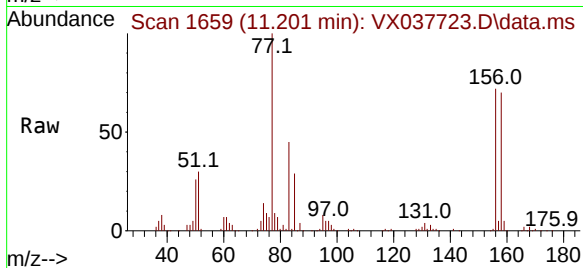
Tgt Ion:	156	Resp:	6019
Ion Ratio	Lower	Upper	
156	100		
77	154.6	88.4	265.3
158	97.6	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Semsettin Yesilyurt 09/15/2023



#78

n-propylbenzene

Concen: 19.376 ug/l

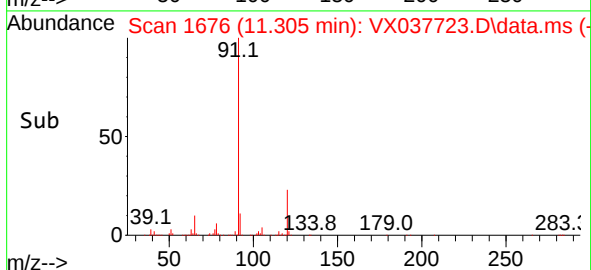
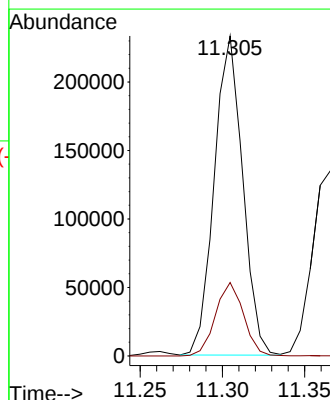
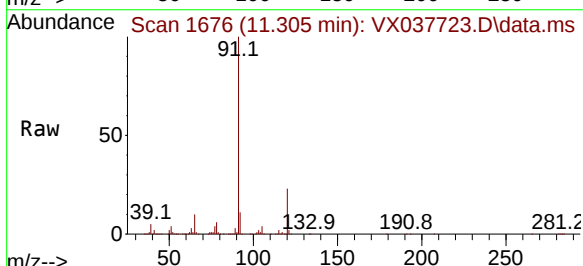
RT: 11.305 min Scan# 1676

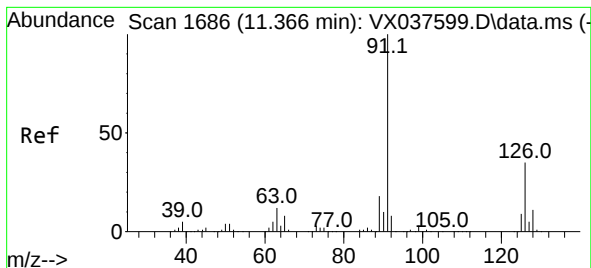
Delta R.T. -0.000 min

Lab File: VX037723.D

Acq: 14 Sep 2023 12:28

Tgt Ion:	91	Resp:	279728
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.5	34.4





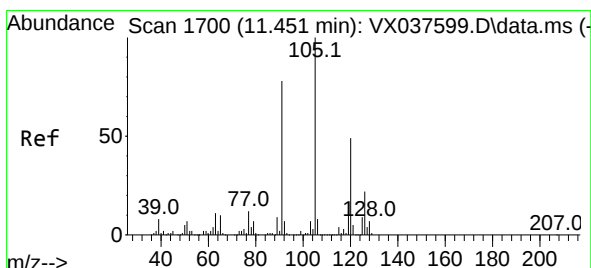
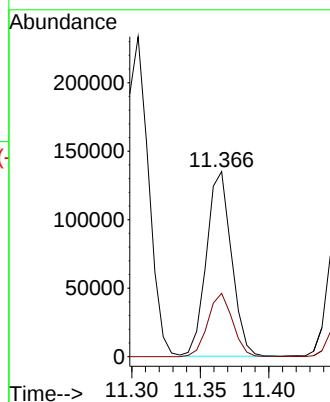
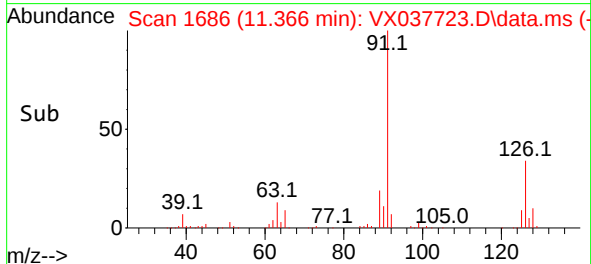
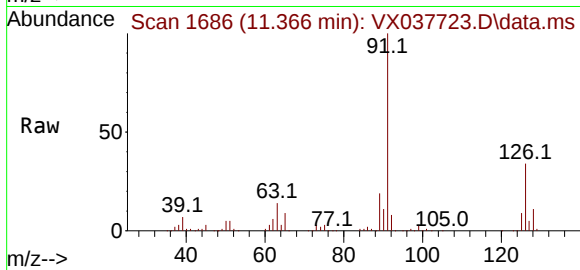
#79
2-Chlorotoluene
Concen: 19.303 ug/l
RT: 11.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28

Instrument :
MSVOA_X
ClientSampleId :
VX0914MBS01

Tgt Ion: 91 Resp: 171544
Ion Ratio Lower Upper
91 100
126 33.9 16.3 48.8

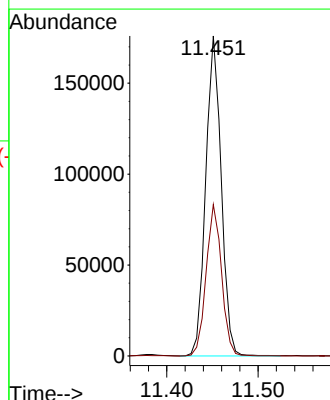
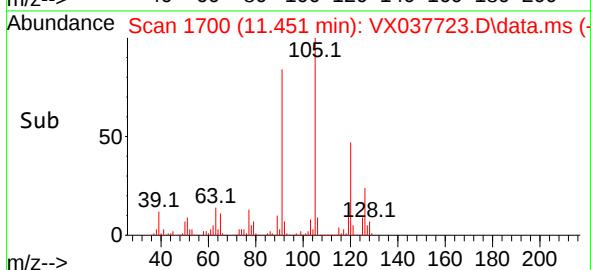
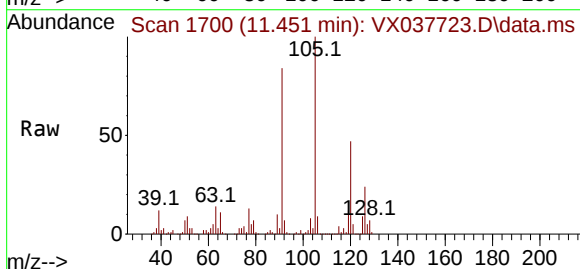
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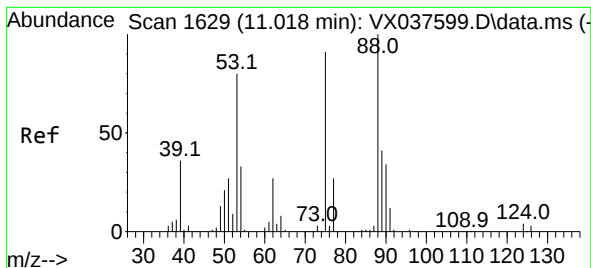
Reviewed By :John Carlone 09/14/2023
Supervised By :Semsettin Yesilyurt 09/15/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.591 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28

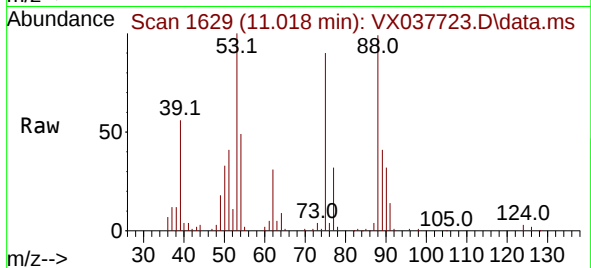
Tgt Ion:105 Resp: 206611
Ion Ratio Lower Upper
105 100
120 47.2 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 18.014 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28

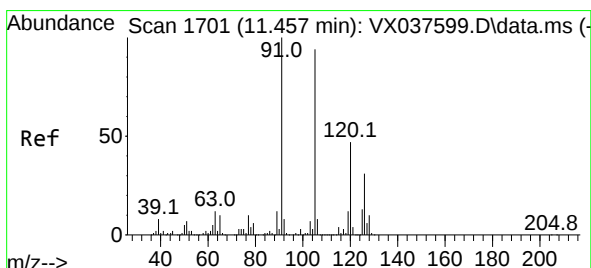
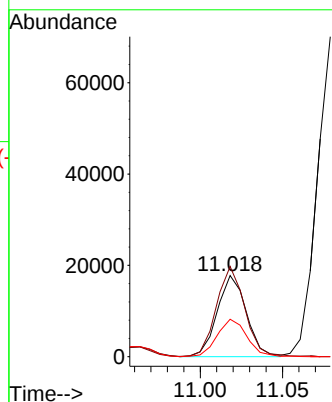
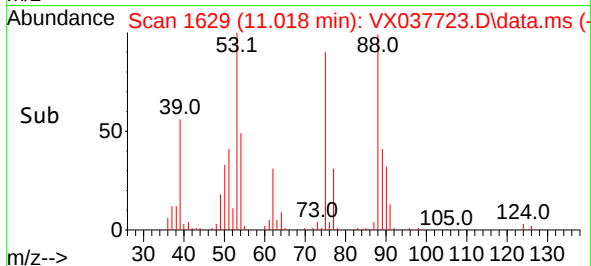
Instrument :
MSVOA_X
ClientSampleId :
VX0914MBS01



Tgt Ion: 75 Resp: 21830
Ion Ratio Lower Upper
75 100
53 109.2 90.5 135.7
89 47.4 36.9 55.3

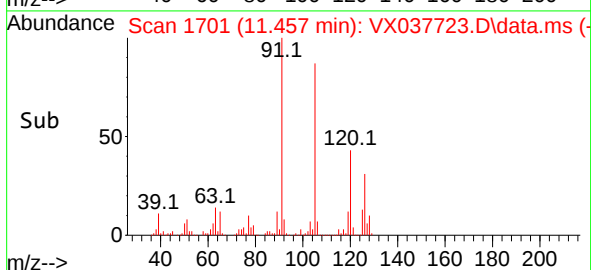
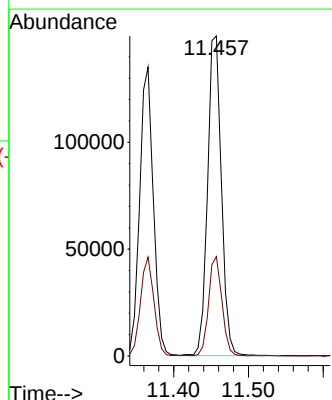
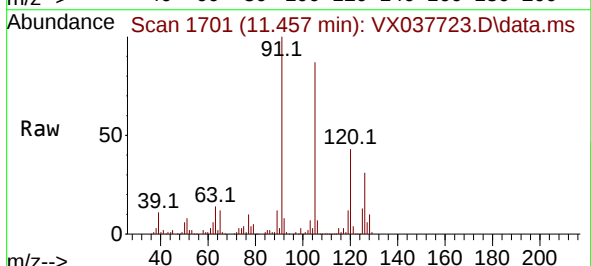
Manual Integrations
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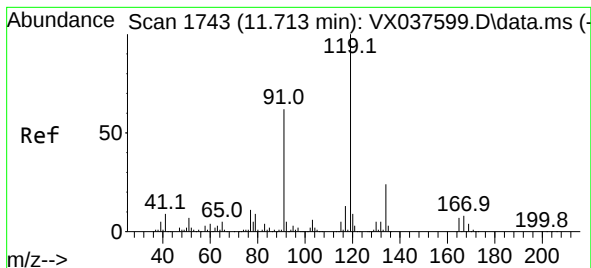
Reviewed By :John Carlone 09/14/2023
Supervised By :Semsettin Yesilyurt 09/15/2023



#82
4-Chlorotoluene
Concen: 18.919 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28

Tgt Ion: 91 Resp: 192053
Ion Ratio Lower Upper
91 100
126 29.8 14.2 42.6





#83

tert-Butylbenzene

Concen: 19.381 ug/l

RT: 11.713 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037723.D

Acq: 14 Sep 2023 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0914MBS01

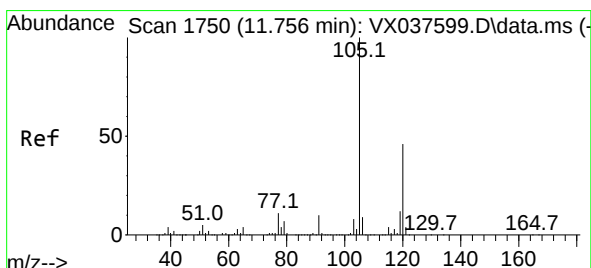
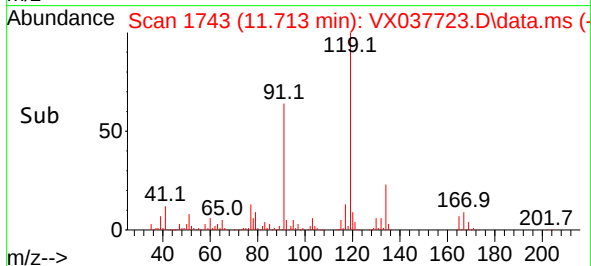
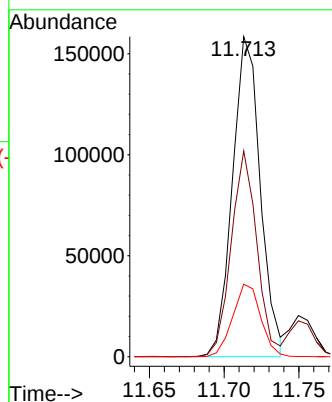
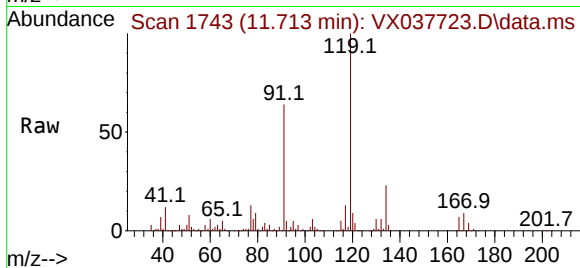
Tgt Ion:	119	Resp:	205334
Ion Ratio	Lower	Upper	
119	100		
91	59.5	31.2	93.6
134	22.8	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Semsettin Yesilyurt 09/15/2023



#84

1,2,4-Trimethylbenzene

Concen: 19.802 ug/l

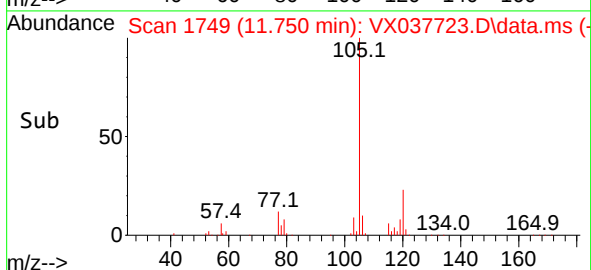
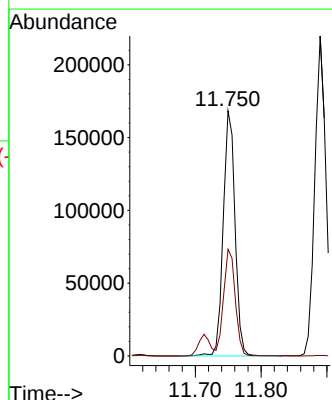
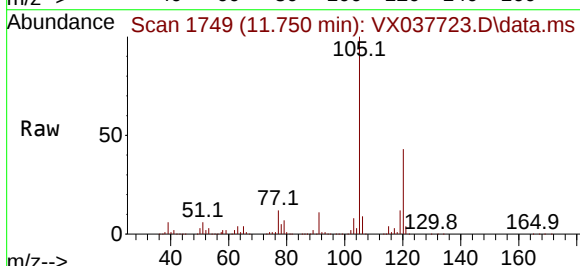
RT: 11.750 min Scan# 1749

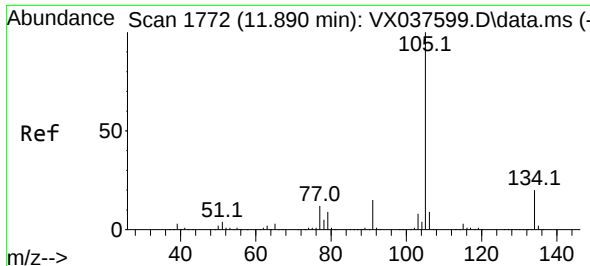
Delta R.T. -0.006 min

Lab File: VX037723.D

Acq: 14 Sep 2023 12:28

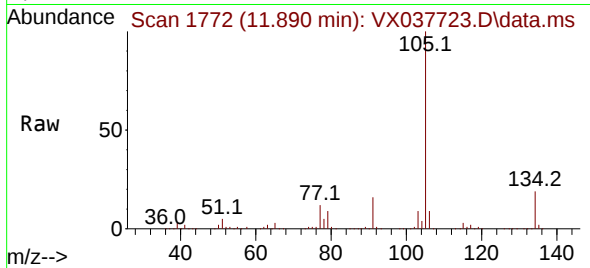
Tgt Ion:	105	Resp:	210548
Ion Ratio	Lower	Upper	
105	100		
120	42.8	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 19.791 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX037723.D
 Acq: 14 Sep 2023 12:28

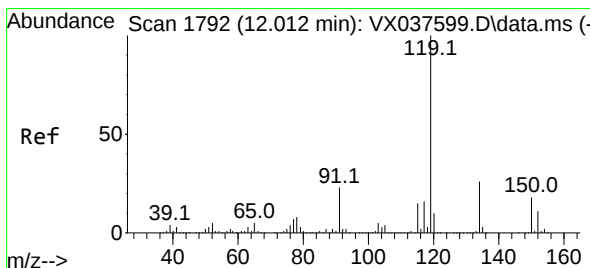
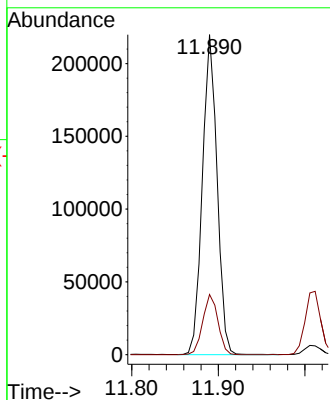
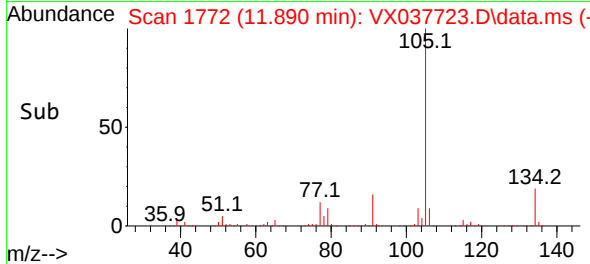
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0914MBS01



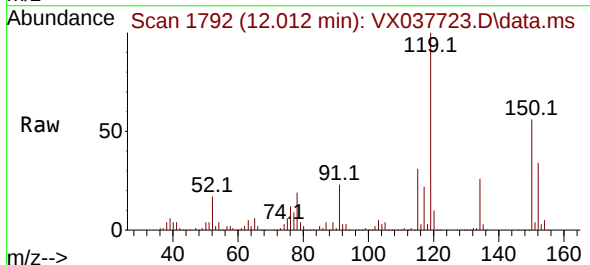
Tgt Ion:105 Resp: 25885
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.4

Manual Integrations
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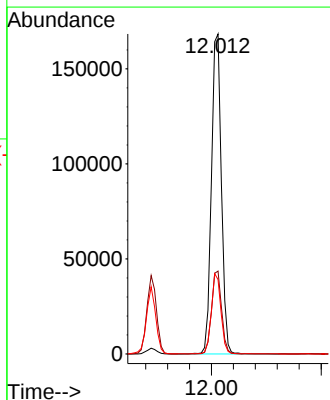
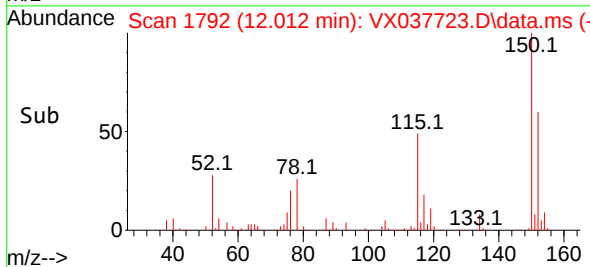
Reviewed By :John Carlone 09/14/2023
 Supervised By :Semsettin Yesilyurt 09/15/2023

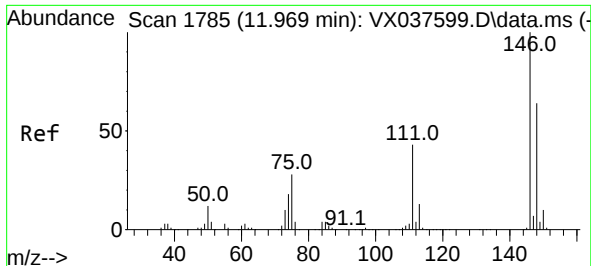


#86
 p-Isopropyltoluene
 Concen: 19.664 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX037723.D
 Acq: 14 Sep 2023 12:28



Tgt Ion:119 Resp: 210757
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.8 38.3
 91 24.3 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 19.513 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037723.D

Acq: 14 Sep 2023 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0914MBS01

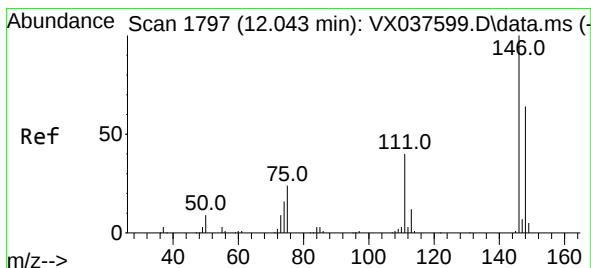
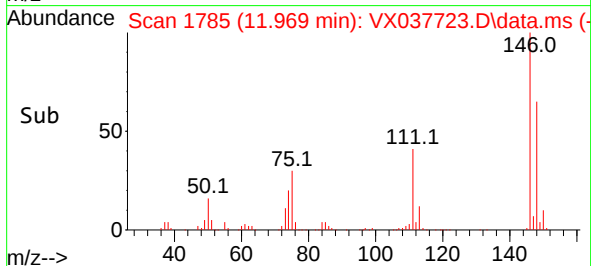
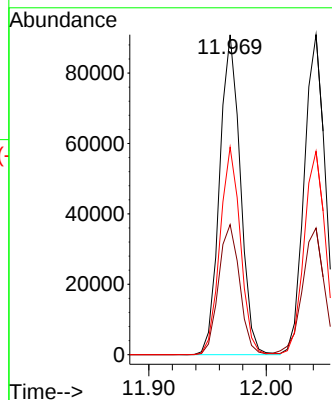
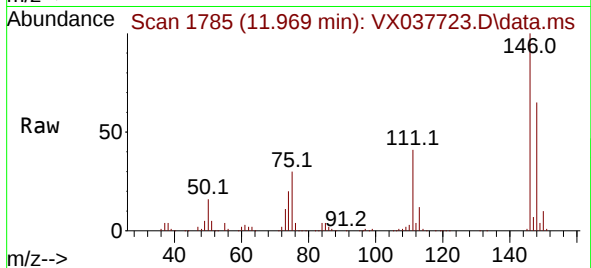
Tgt Ion:146 Resp: 111417
 Ion Ratio Lower Upper
 146 100
 111 41.5 22.1 66.1
 148 64.1 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Semsettin Yesilyurt 09/15/2023



#88

1,4-Dichlorobenzene

Concen: 19.221 ug/l

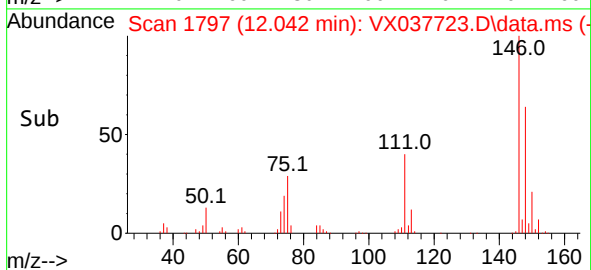
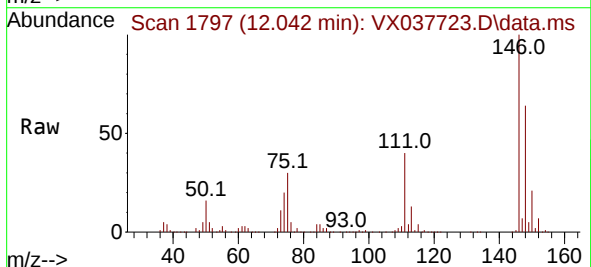
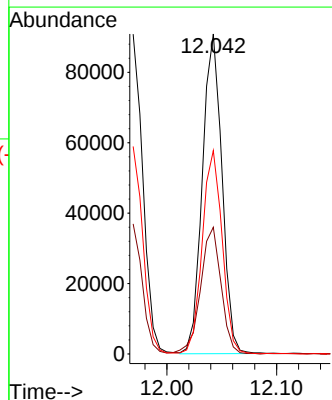
RT: 12.042 min Scan# 1797

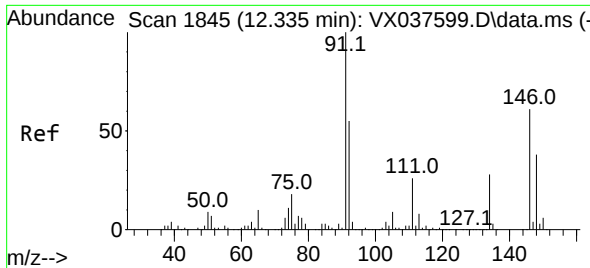
Delta R.T. -0.000 min

Lab File: VX037723.D

Acq: 14 Sep 2023 12:28

Tgt Ion:146 Resp: 112791
 Ion Ratio Lower Upper
 146 100
 111 41.6 21.3 63.7
 148 64.5 31.8 95.4





#89

n-Butylbenzene

Concen: 18.907 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX037723.D

Acq: 14 Sep 2023 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0914MBS01

Tgt Ion: 91 Resp: 18353

Ion Ratio Lower Upper

91 100

92 51.4 27.4 82.0

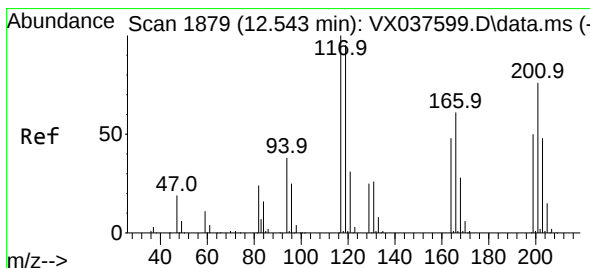
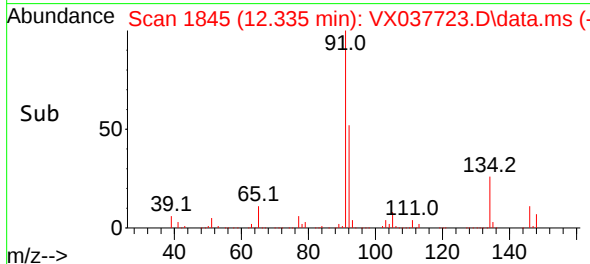
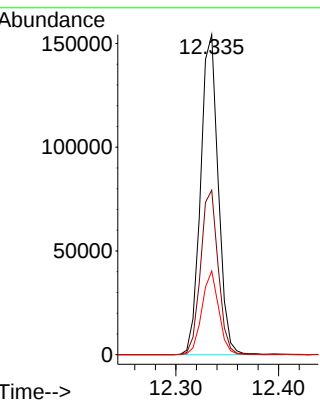
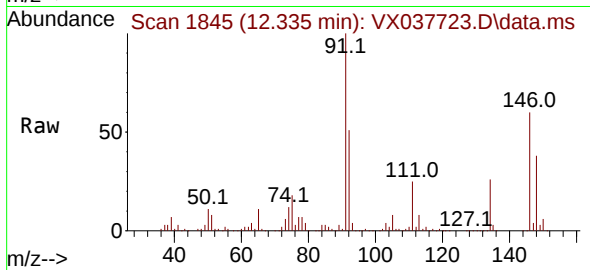
134 24.9 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Semsettin Yesilyurt 09/15/2023



#90

Hexachloroethane

Concen: 18.858 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VX037723.D

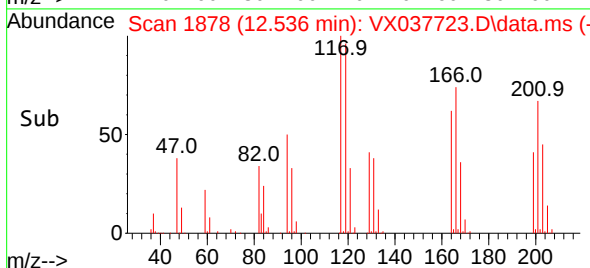
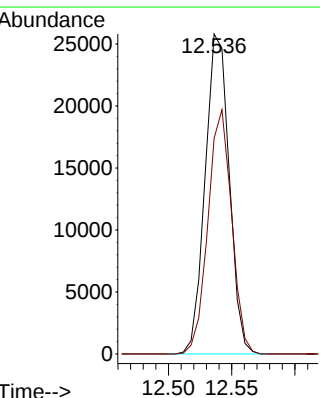
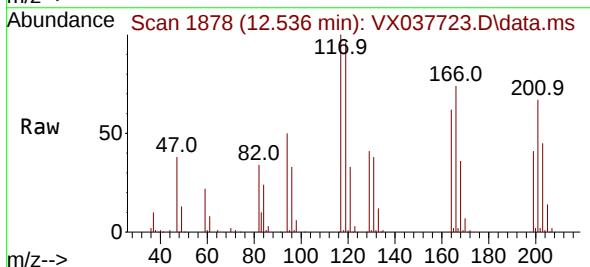
Acq: 14 Sep 2023 12:28

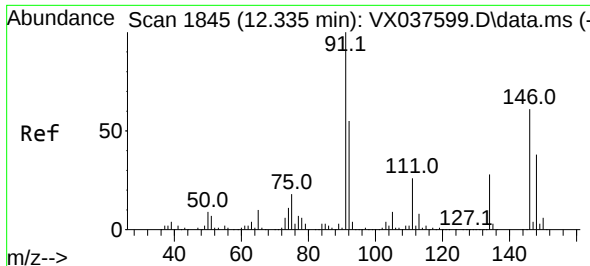
Tgt Ion:117 Resp: 34106

Ion Ratio Lower Upper

117 100

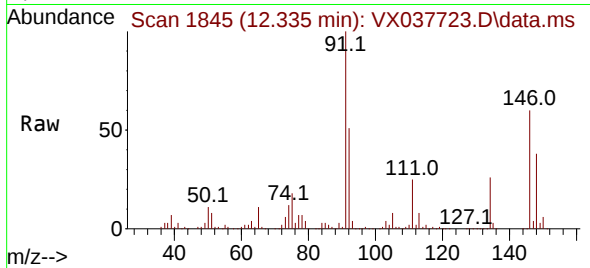
201 75.2 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 20.397 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28

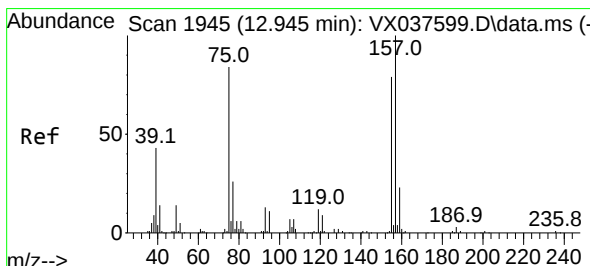
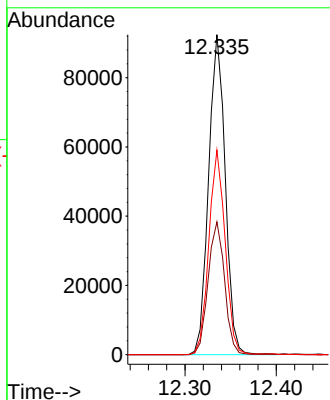
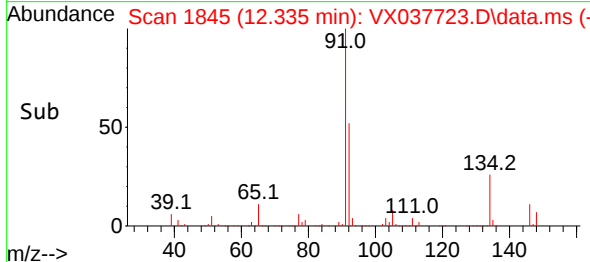
Instrument :
MSVOA_X
ClientSampleId :
VX0914MBS01



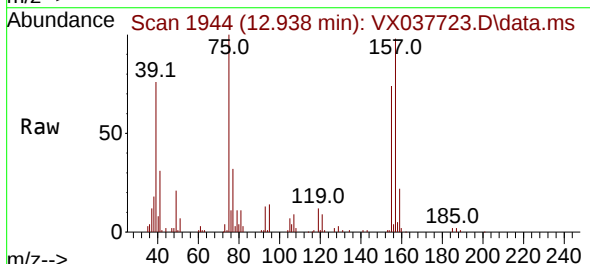
Tgt Ion:146 Resp: 11652
Ion Ratio Lower Upper
146 100
111 41.3 22.4 67.0
148 63.1 31.6 95.0

Manual Integrations
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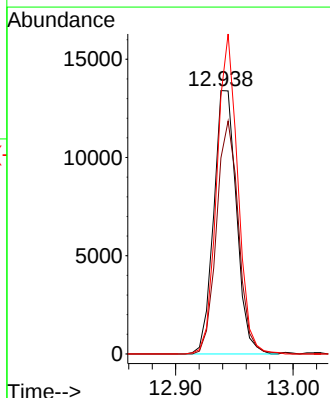
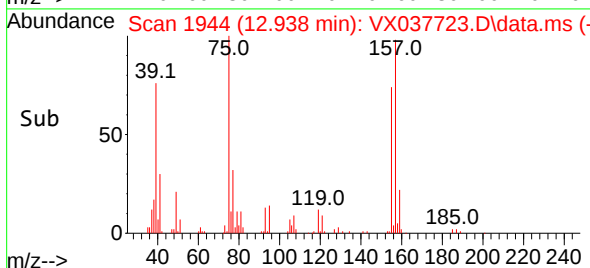
Reviewed By :John Carlone 09/14/2023
Supervised By :Semsettin Yesilyurt 09/15/2023

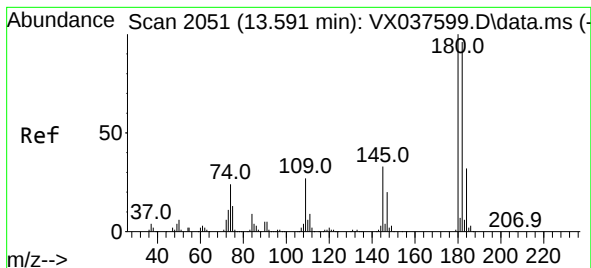


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.702 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28



Tgt Ion: 75 Resp: 18033
Ion Ratio Lower Upper
75 100
155 85.6 36.1 108.5
157 111.8 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 20.263 ug/l

RT: 13.585 min Scan# 2051

Delta R.T. -0.006 min

Lab File: VX037723.D

Acq: 14 Sep 2023 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0914MBS01

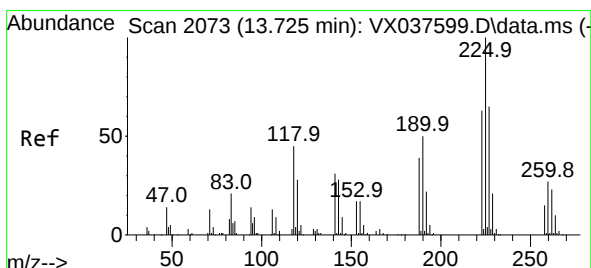
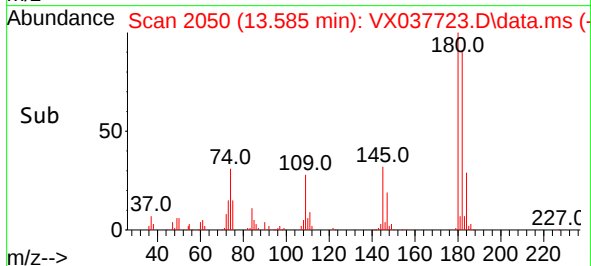
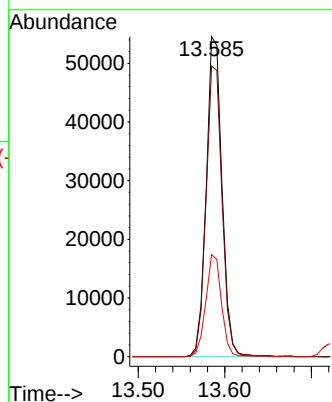
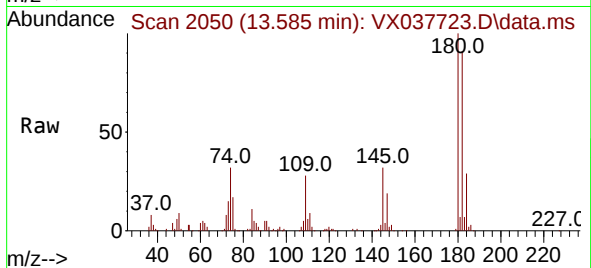
Tgt Ion:180	Resp: 6893
Ion Ratio	Lower Upper
180 100	
182 92.3	48.3 144.8
145 31.7	18.0 54.0

Manual Integrations

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Reviewed By :John Carlone 09/14/2023

Supervised By :Semsettin Yesilyurt 09/15/2023



#94

Hexachlorobutadiene

Concen: 22.006 ug/l

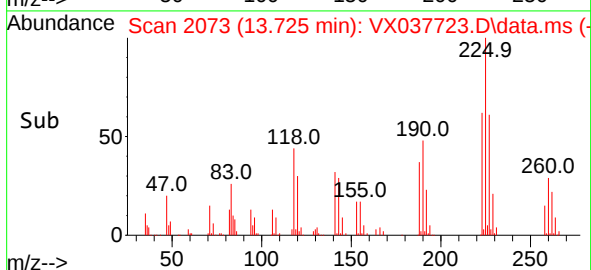
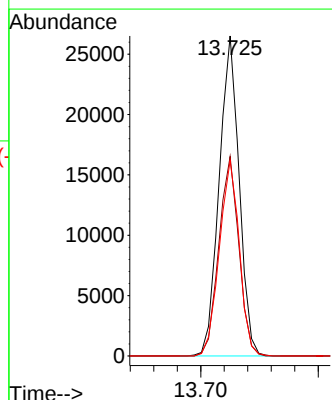
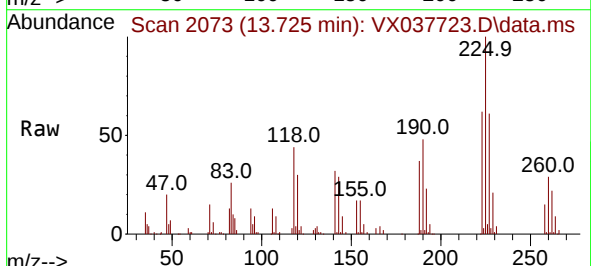
RT: 13.725 min Scan# 2073

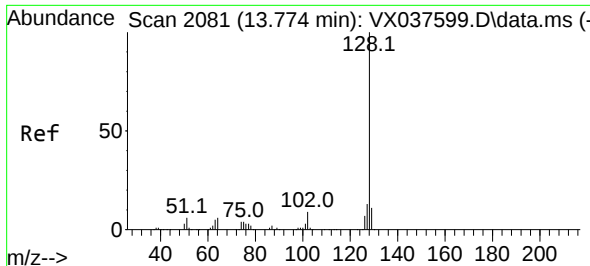
Delta R.T. -0.000 min

Lab File: VX037723.D

Acq: 14 Sep 2023 12:28

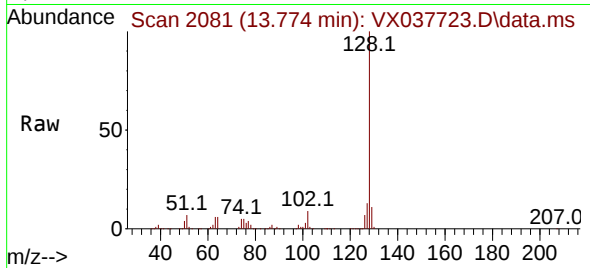
Tgt Ion:225	Resp: 31274
Ion Ratio	Lower Upper
225 100	
223 62.4	31.1 93.2
227 61.2	32.5 97.5





#95
Naphthalene
Concen: 19.352 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28

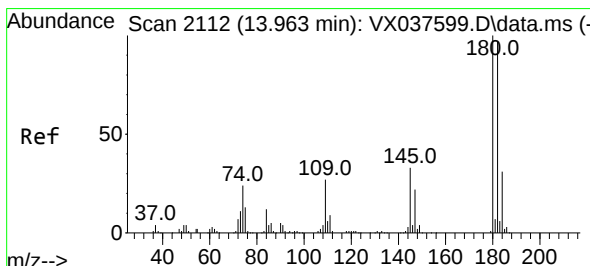
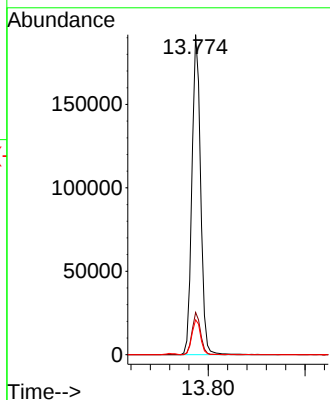
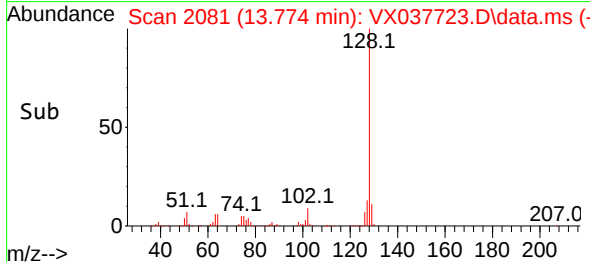
Instrument :
MSVOA_X
ClientSampleId :
VX0914MBS01



Tgt Ion:128 Resp: 23849
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/14/2023
Supervised By :Semsettin Yesilyurt 09/15/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.861 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX037723.D
Acq: 14 Sep 2023 12:28

Tgt Ion:180 Resp: 69329
Ion Ratio Lower Upper
180 100
182 94.0 46.9 140.6
145 33.0 17.8 53.5

