

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092823\
 Data File : VX037941.D
 Acq On : 28 Sep 2023 10:53
 Operator : JC/MD
 Sample : VX0928WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0928WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Sep 29 04:22:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X092723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Sep 28 06:08:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	43571	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	243743	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	233393	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	94214	29.997	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.000%			
60) 4-Bromofluorobenzene	11.079	95	114121	29.995	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.967%			
63) Toluene-d8	8.647	98	304255	30.198	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.667%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	45403	19.878	ug/l	98
3) Chloromethane	1.300	50	47519	19.426	ug/l	93
4) Vinyl Chloride	1.374	62	54422	19.874	ug/l	97
5) Bromomethane	1.611	94	43123	20.442	ug/l	94
6) Chloroethane	1.691	64	36068	19.620	ug/l	94
7) Trichlorofluoromethane	1.892	101	92124	20.381	ug/l	98
8) Diethyl Ether	2.136	74	34090	20.442	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	48151	20.894	ug/l	98
10) 1,1-Dichloroethene	2.319	96	45449	20.147	ug/l	95
11) Methyl Iodide	2.453	142	61708	20.212	ug/l	99
12) Methyl Acetate	2.703	43	98219	21.421	ug/l	98
13) Acrolein	2.233	56	55410	104.720	ug/l	95
14) Acrylonitrile	3.062	53	134992	106.630	ug/l	98
15) Acetone	2.380	58	41880	114.366	ug/l	83
16) Carbon Disulfide	2.514	76	109605	19.911	ug/l	98
17) Allyl chloride	2.666	41	71414	20.678	ug/l	94
18) Methylene Chloride	2.788	84	54823	20.277	ug/l	94
19) trans-1,2-Dichloroethene	3.093	96	50318	19.790	ug/l	96
20) Diisopropyl ether	3.757	45	150493	20.411	ug/l #	84
21) 1,1-Dichloroethane	3.611	63	89994	20.202	ug/l	98
22) cis-1,2-Dichloroethene	4.495	96	60660	20.093	ug/l	96
23) tert-Butyl Alcohol	2.953	59	60563	114.654	ug/l #	1
24) Methyl tert-Butyl Ether	3.111	73	161133	20.637	ug/l	97
25) Chloroform	5.092	83	98387	20.082	ug/l	98
26) Cyclohexane	5.470	56	75944	20.032	ug/l #	96
29) 1,1-Dichloropropene	5.696	75	71787	20.374	ug/l	98
30) 2-Butanone	4.556	43	185313	109.592	ug/l	96
31) 2,2-Dichloropropane	4.477	77	74233	20.913	ug/l #	77
32) 1,1,1-Trichloroethane	5.385	97	84457	20.004	ug/l	98
33) Carbon Tetrachloride	5.678	117	73445	20.322	ug/l	98
34) Benzene	6.037	78	211031	20.050	ug/l	97
35) Methacrylonitrile	4.922	41	36326	20.434	ug/l	93
36) 1,2-Dichloroethane	6.086	62	76770	20.619	ug/l	99
37) Trichloroethene	7.129	130	58294	20.076	ug/l	98
38) Methylcyclohexane	7.379	83	90586	20.454	ug/l	94
39) 1,2-Dichloropropane	7.427	63	54108	20.094	ug/l	97
40) Dibromomethane	7.580	93	40783	20.525	ug/l	98
41) Bromodichloromethane	7.824	83	73681	20.311	ug/l	100
42) Vinyl Acetate	3.721	43	561662	105.369	ug/l	98

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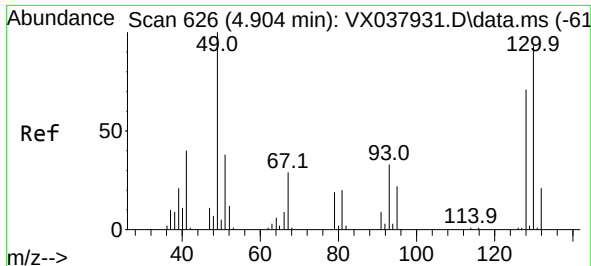
Manual Integrations
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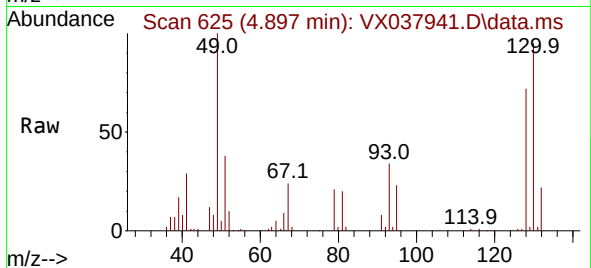
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.708	43	71383	21.354	ug/l	97
44) Isopropyl Acetate	6.336	43	115041	20.802	ug/l	95
45) 1,4-Dioxane	7.659	88	29427	461.765	ug/l #	1
46) Methyl methacrylate	7.696	41	55714	21.193	ug/l	92
47) n-amyl Acetate	10.841	43	104889	20.159	ug/l	95
48) t-1,3-Dichloropropene	8.982	75	79400	20.148	ug/l	95
49) cis-1,3-Dichloropropene	8.366	75	85719	20.254	ug/l	94
50) 1,1,2-Trichloroethane	9.153	97	58187	20.492	ug/l	97
51) Ethyl methacrylate	9.116	69	83728	20.012	ug/l	96
52) 1,3-Dichloropropane	9.311	76	93984	20.634	ug/l	99
53) Dibromochloromethane	9.518	129	59072	20.186	ug/l	99
54) 1,2-Dibromoethane	9.610	107	63028	20.456	ug/l	98
55) 2-Chloroethyl vinyl ether	8.244	63	202356	99.219	ug/l	98
56) Bromoform	10.799	173	43026	19.548	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	369149	108.046	ug/l	96
59) 2-Hexanone	9.427	43	281401	108.454	ug/l	96
61) Tetrachloroethene	9.275	164	50755	20.435	ug/l	97
62) Toluene	8.720	91	244341	20.182	ug/l	99
64) Chlorobenzene	10.079	112	156903	20.775	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	55647	20.298	ug/l	98
66) Ethyl Benzene	10.195	91	274180	20.520	ug/l	96
67) m/p-Xylenes	10.299	106	215310	40.905	ug/l	98
68) o-Xylene	10.640	106	103148	20.236	ug/l	97
69) Styrene	10.652	104	173804	20.325	ug/l	98
70) Isopropylbenzene	10.963	105	276294	20.425	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.213	83	93178	20.899	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	82184m	20.994	ug/l	
73) Bromobenzene	11.195	156	70637	20.587	ug/l	90
74) n-propylbenzene	11.305	91	332779	20.591	ug/l	100
75) 2-Chlorotoluene	11.366	91	198144	20.942	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	239463	20.527	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	24260	19.568	ug/l	94
78) 4-Chlorotoluene	11.457	91	226780	20.432	ug/l	98
79) tert-butylbenzene	11.713	119	236132	20.566	ug/l	95
80) 1,2,4-Trimethylbenzene	11.750	105	237445	20.475	ug/l	99
81) sec-Butylbenzene	11.890	105	304026	20.590	ug/l	99
82) p-Isopropyltoluene	12.012	119	255460	20.608	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	137656	20.764	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	139518	20.768	ug/l	98
85) n-Butylbenzene	12.335	91	237810	20.504	ug/l	99
86) Hexachloroethane	12.542	117	40267	19.937	ug/l	95
87) 1,2-Dichlorobenzene	12.335	146	134362	20.570	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	12.945	75	18880	21.261	ug/l	88
89) 1,2,4-Trichlorobenzene	13.585	180	91846	20.667	ug/l	99
90) Hexachlorobutadiene	13.725	225	41047	21.024	ug/l	97
91) Naphthalene	13.774	128	277714	20.604	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	90108	20.826	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

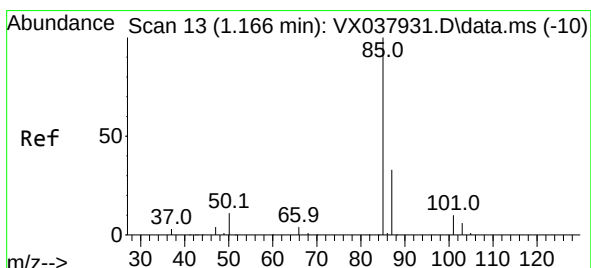
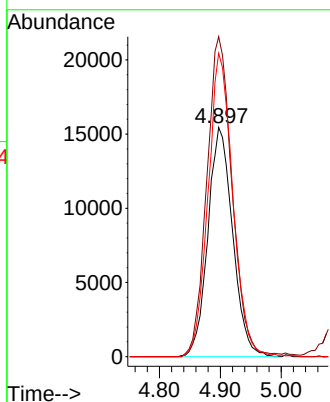
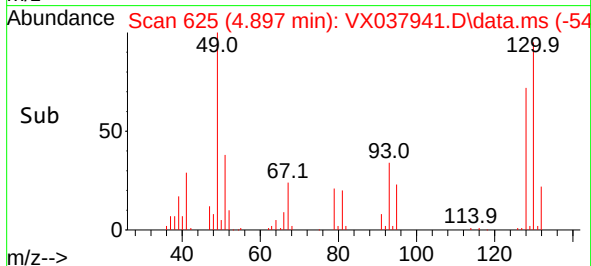
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD01



Tgt Ion:128 Resp: 4357
Ion Ratio Lower Upper
128 100
49 142.2 0.0 406.3
130 131.9 0.0 328.0

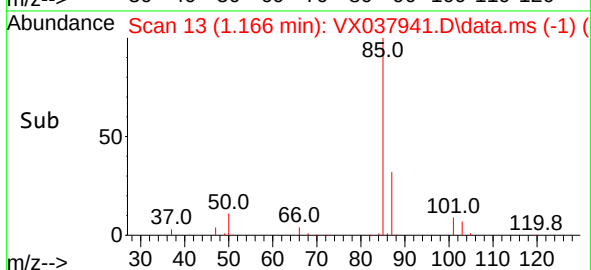
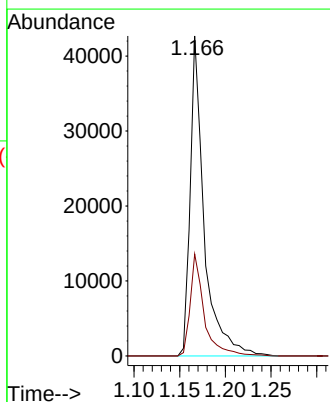
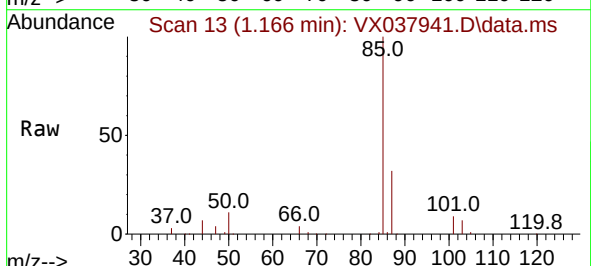
Manual Integrations
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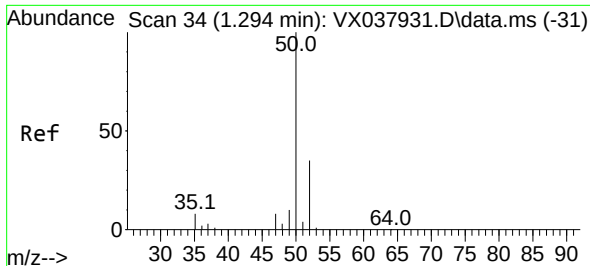
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#2
Dichlorodifluoromethane
Concen: 19.878 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

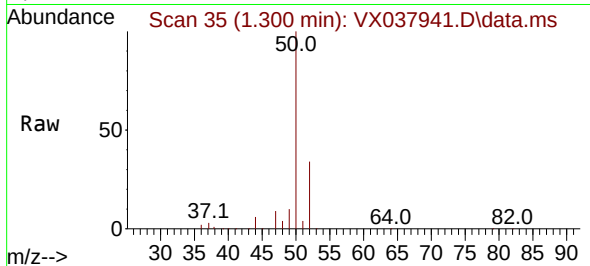
Tgt Ion: 85 Resp: 45403
Ion Ratio Lower Upper
85 100
87 31.9 16.4 49.4





#3
Chloromethane
Concen: 19.426 ug/l
RT: 1.300 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

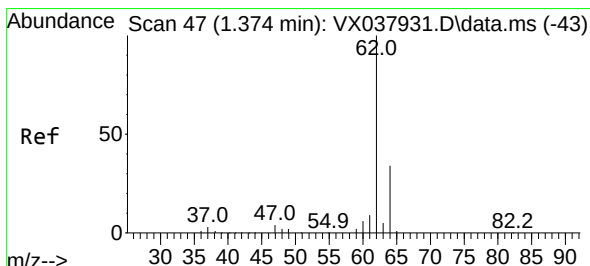
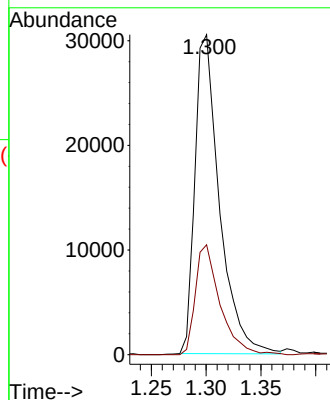
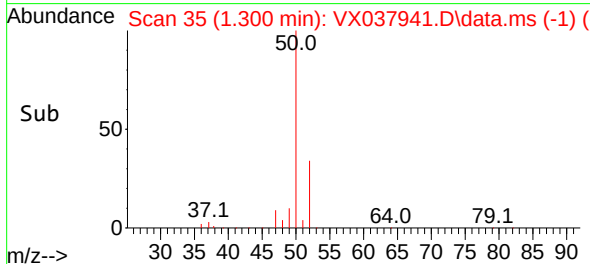
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD01



Tgt Ion: 50 Resp: 47519
Ion Ratio Lower Upper
50 100
52 34.5 24.5 36.7

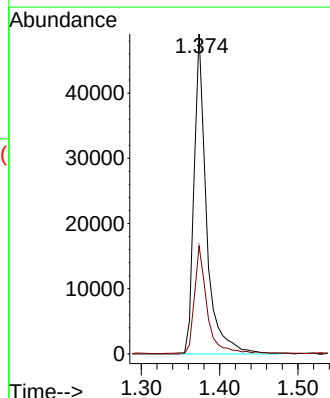
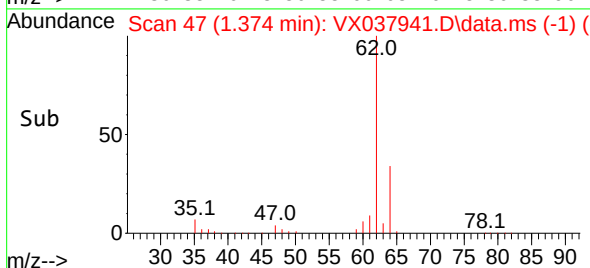
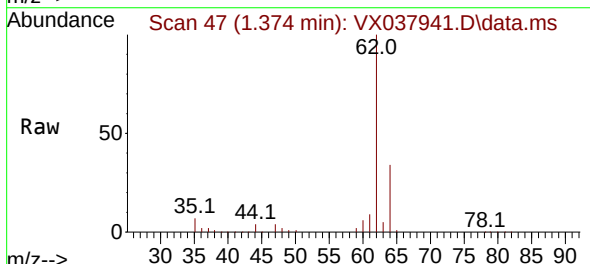
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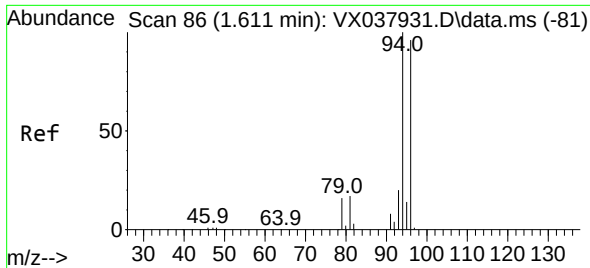
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#4
Vinyl Chloride
Concen: 19.874 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

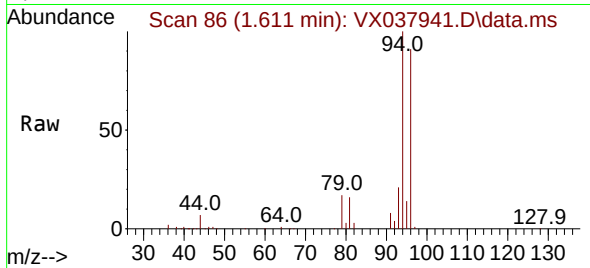
Tgt Ion: 62 Resp: 54422
Ion Ratio Lower Upper
62 100
64 33.4 25.3 37.9





#5
Bromomethane
Concen: 20.442 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.000 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

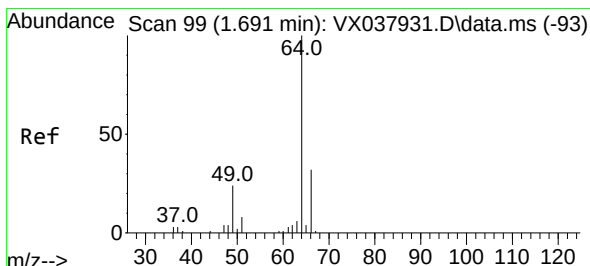
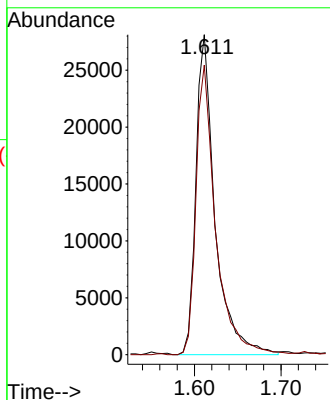
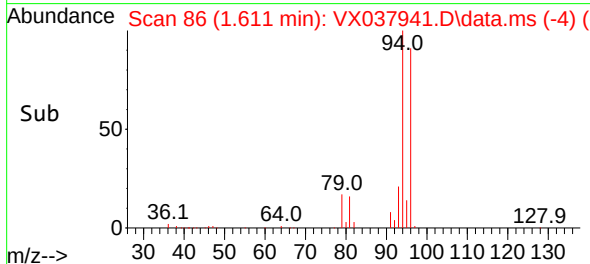
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD01



Tgt Ion: 94 Resp: 4312
Ion Ratio Lower Upper
94 100
96 90.5 77.4 116.2

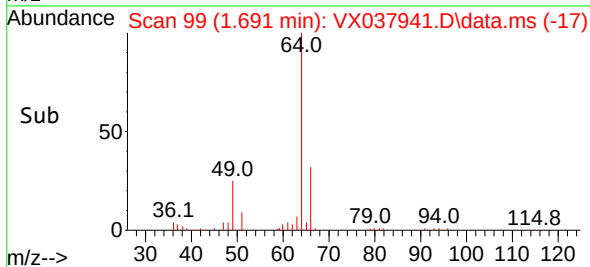
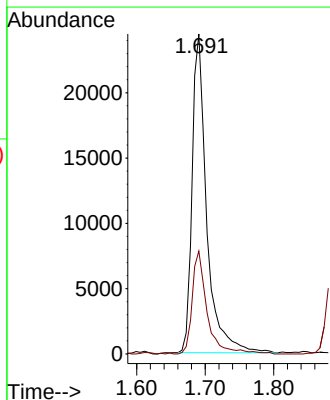
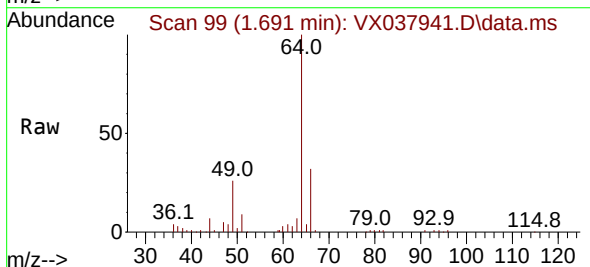
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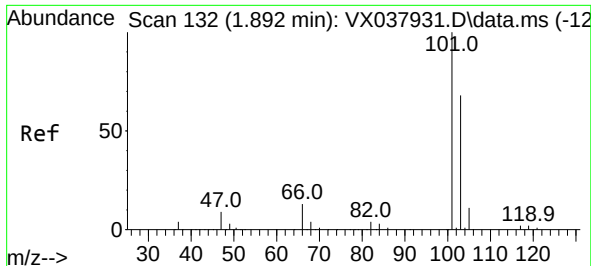
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#6
Chloroethane
Concen: 19.620 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

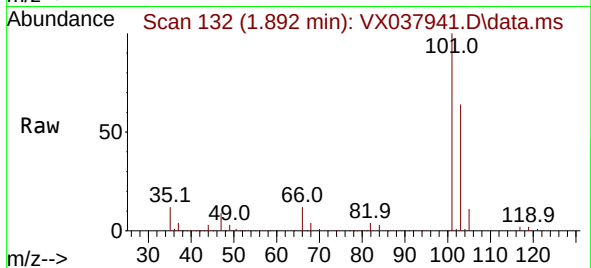
Tgt Ion: 64 Resp: 36068
Ion Ratio Lower Upper
64 100
66 32.3 23.1 34.7





#7
Trichlorofluoromethane
Concen: 20.381 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

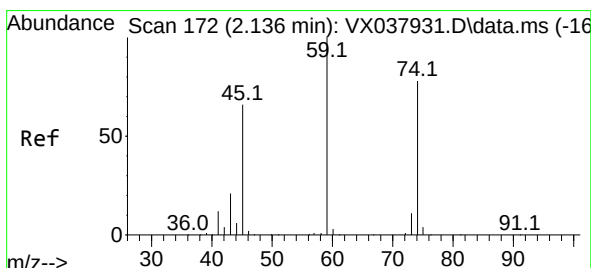
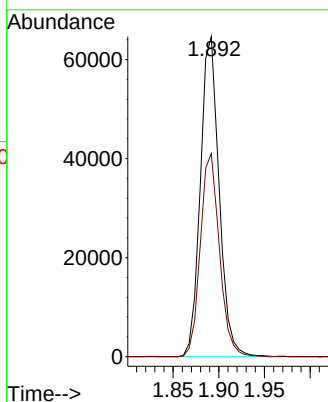
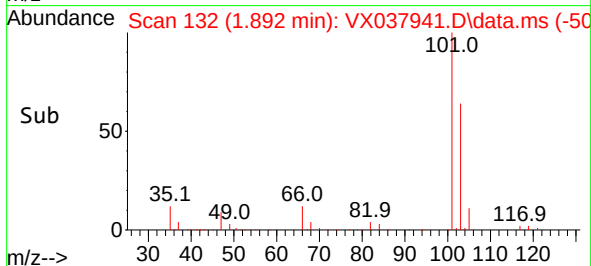
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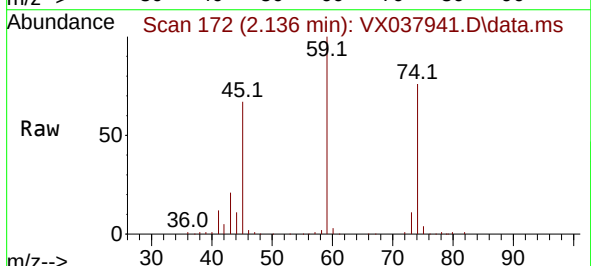
Tgt Ion:101 Resp: 92124
Ion Ratio Lower Upper
101 100
103 63.5 52.2 78.2

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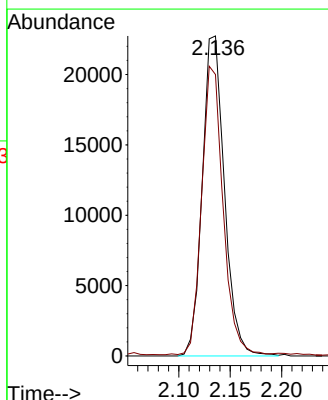
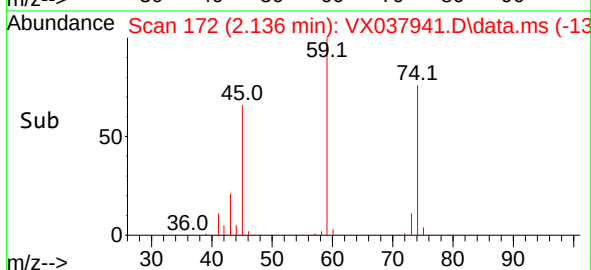
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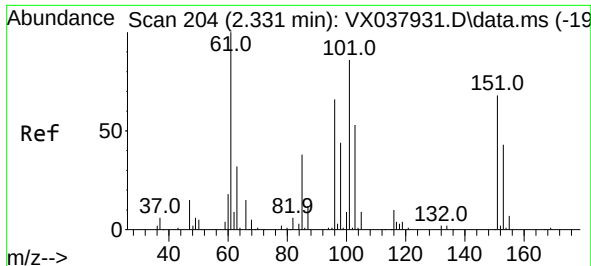


#8
Diethyl Ether
Concen: 20.442 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53



Tgt Ion: 74 Resp: 34090
Ion Ratio Lower Upper
74 100
45 86.5 19.9 178.9





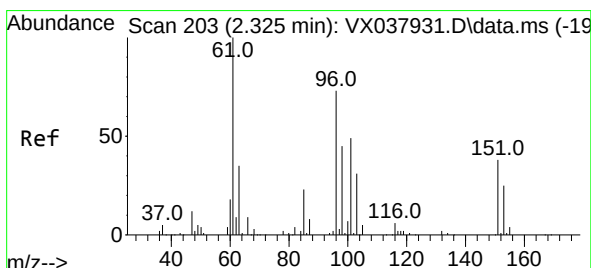
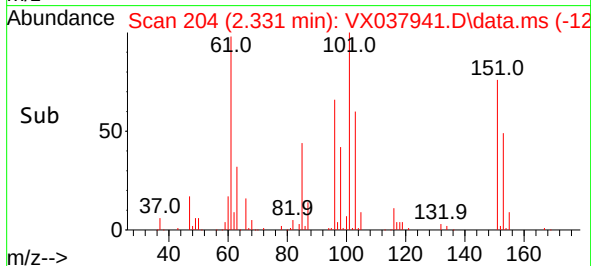
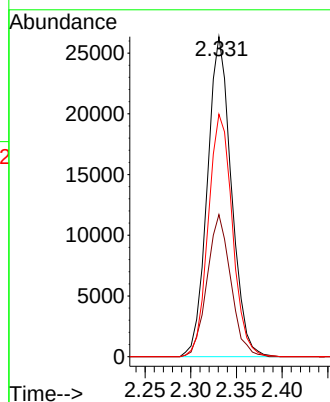
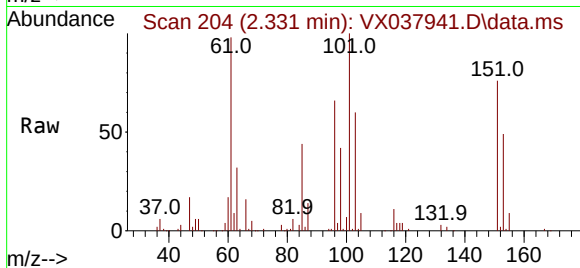
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.894 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD01

Tgt Ion:101 Resp: 4815
Ion Ratio Lower Upper
101 100
85 43.7 0.0 91.0
151 76.0 0.0 155.4

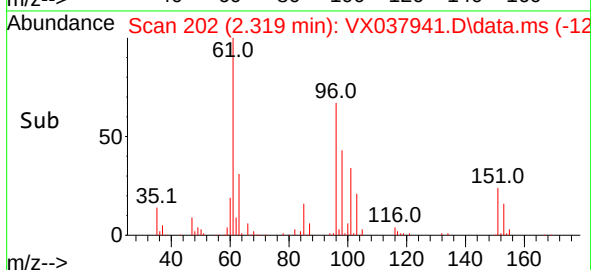
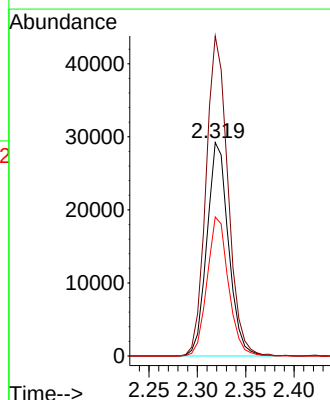
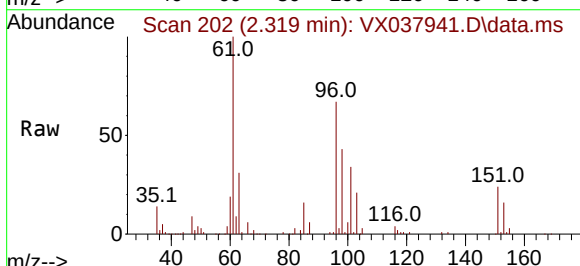
Manual Integrations
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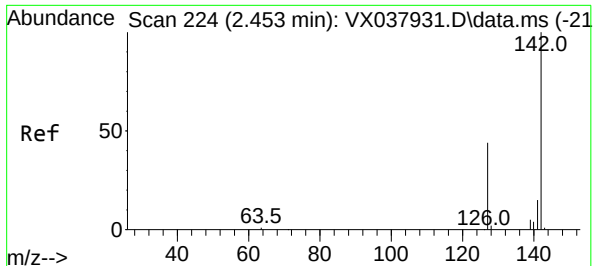
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#10
1,1-Dichloroethene
Concen: 20.147 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

Tgt Ion: 96 Resp: 45449
Ion Ratio Lower Upper
96 100
61 149.9 127.2 190.8
98 65.1 52.7 79.1





#11

Methyl Iodide

Concen: 20.212 ug/l

RT: 2.453 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX037941.D

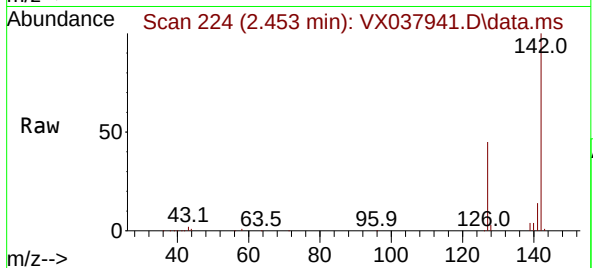
Acq: 28 Sep 2023 10:53

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBSD01



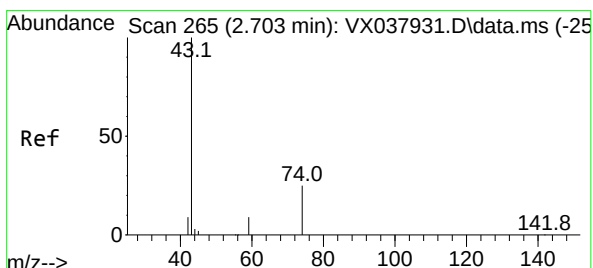
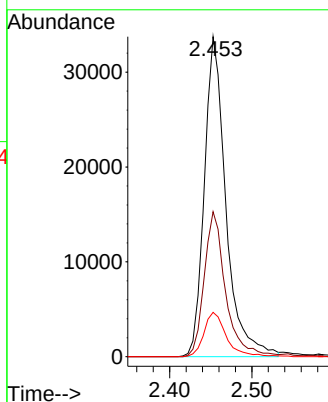
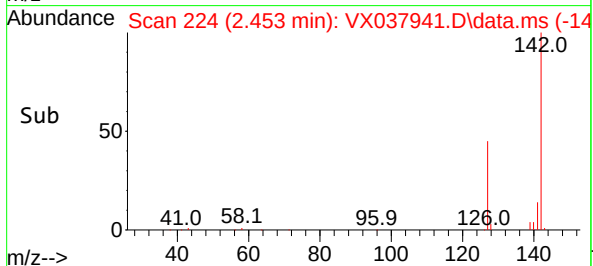
Tgt Ion:	142	Resp:	61708
Ion Ratio	Lower	Upper	
142	100		
127	45.3	22.9	68.8
141	13.8	7.5	22.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#12

Methyl Acetate

Concen: 21.421 ug/l

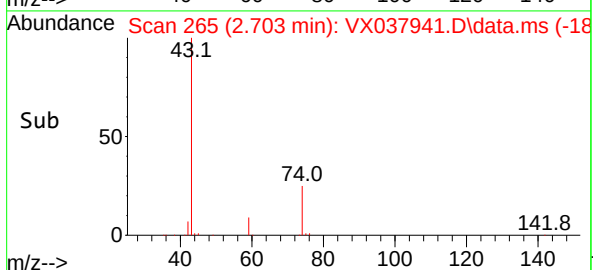
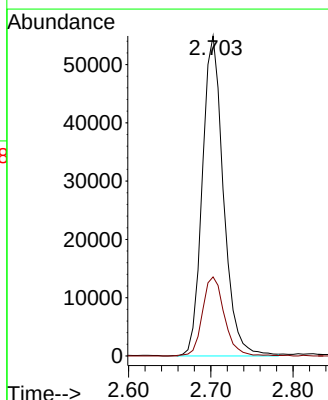
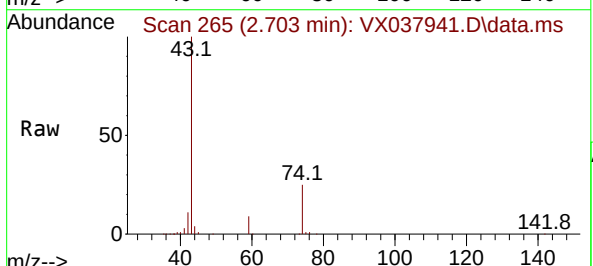
RT: 2.703 min Scan# 265

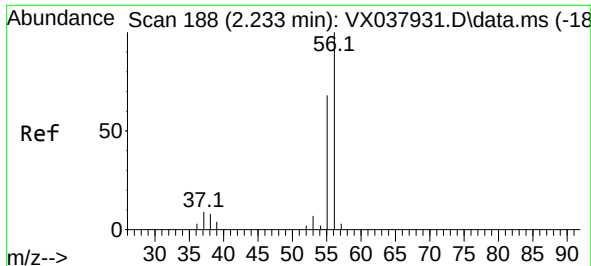
Delta R.T. -0.000 min

Lab File: VX037941.D

Acq: 28 Sep 2023 10:53

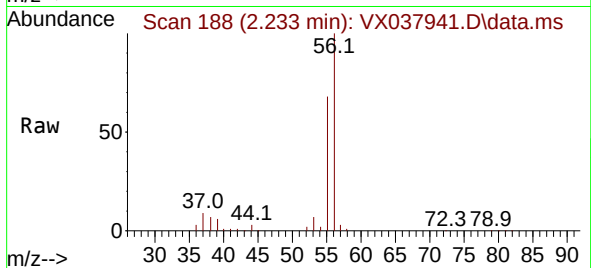
Tgt Ion:	43	Resp:	98219
Ion Ratio	Lower	Upper	
43	100		
74	24.6	20.3	30.5





#13
Acrolein
Concen: 104.720 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

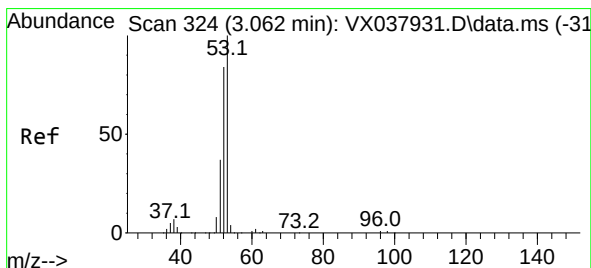
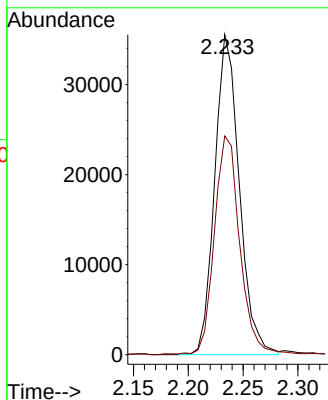
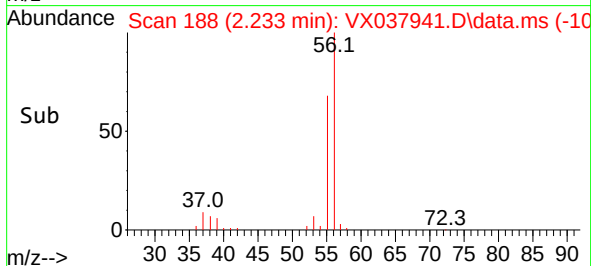
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD01



Tgt Ion: 56 Resp: 55410
Ion Ratio Lower Upper
56 100
55 70.4 59.7 89.5

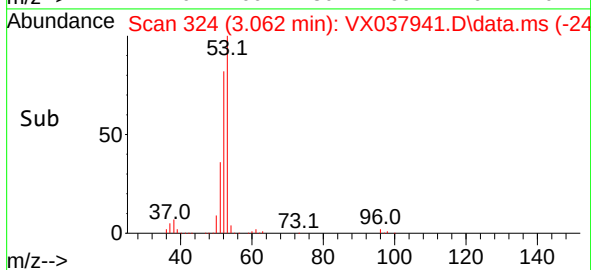
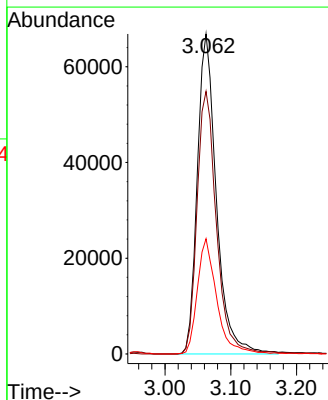
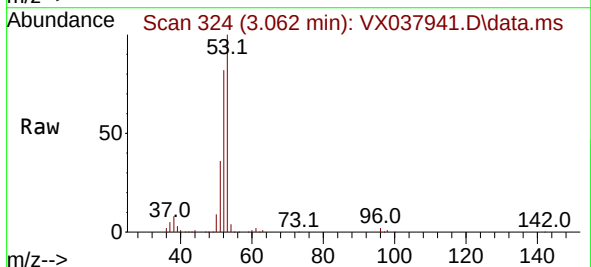
Manual Integrations
APPROVED

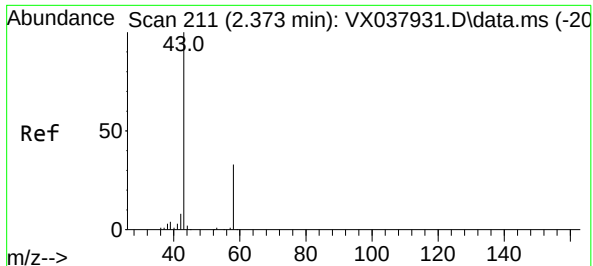
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#14
Acrylonitrile
Concen: 106.630 ug/l
RT: 3.062 min Scan# 324
Delta R.T. -0.000 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

Tgt Ion: 53 Resp: 134992
Ion Ratio Lower Upper
53 100
52 82.8 40.0 119.9
51 36.5 18.2 54.6





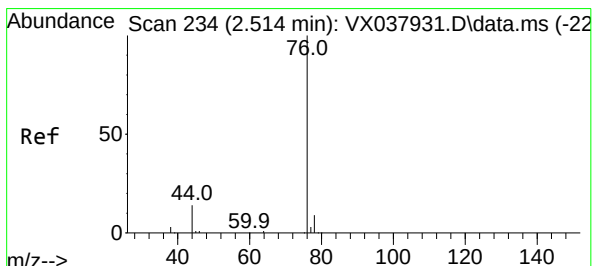
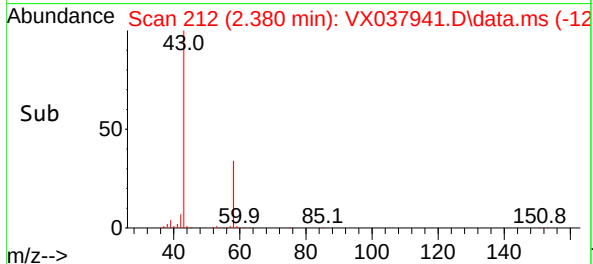
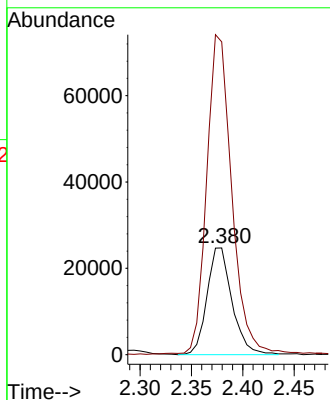
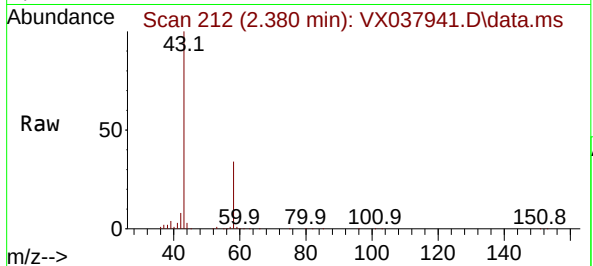
#15
Acetone
Concen: 114.366 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD01

Tgt Ion: 58 Resp: 41880
Ion Ratio Lower Upper
58 100
43 291.7 261.0 391.4

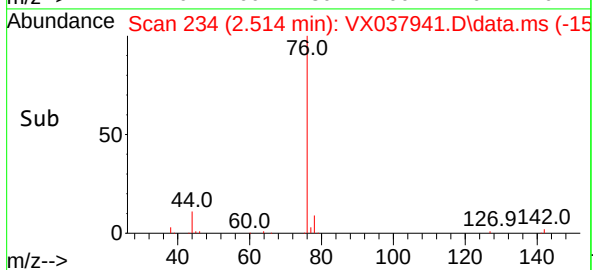
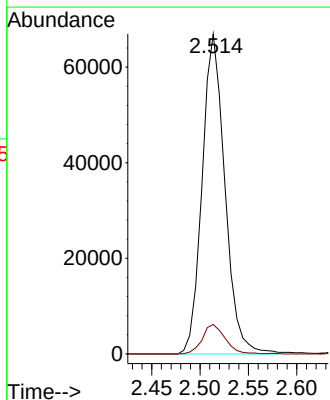
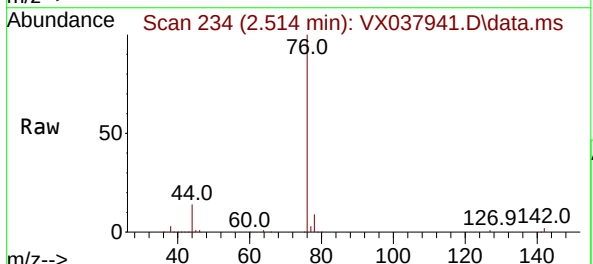
Manual Integrations
APPROVED

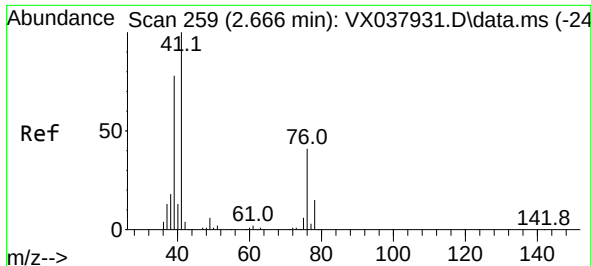
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#16
Carbon Disulfide
Concen: 19.911 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

Tgt Ion: 76 Resp: 109605
Ion Ratio Lower Upper
76 100
78 9.2 8.0 12.0





#17

Allyl chloride

Concen: 20.678 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.000 min

Lab File: VX037941.D

Acq: 28 Sep 2023 10:53

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBSD01

Tgt Ion: 41 Resp: 71414

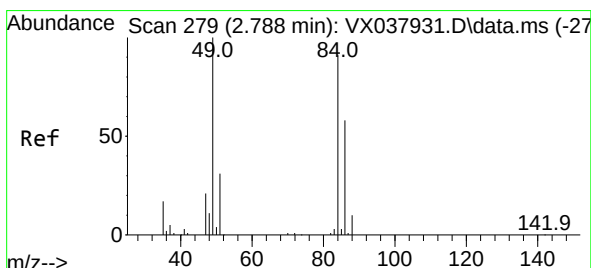
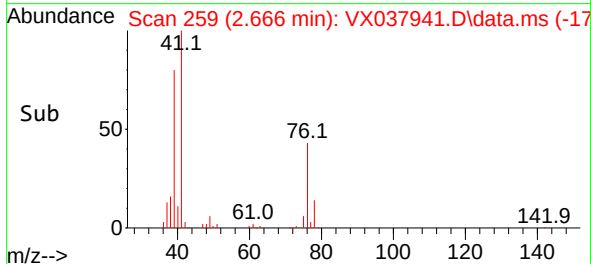
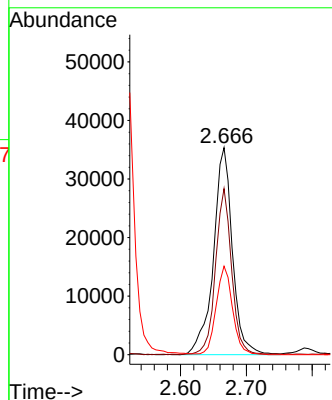
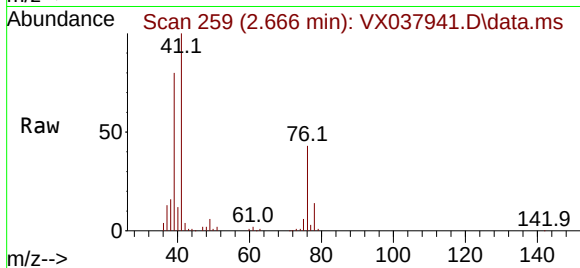
Ion	Ratio	Lower	Upper
41	100		
39	80.2	38.5	115.3
76	42.8	18.6	55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#18

Methylene Chloride

Concen: 20.277 ug/l

RT: 2.788 min Scan# 279

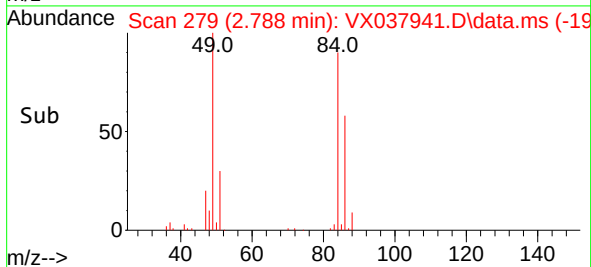
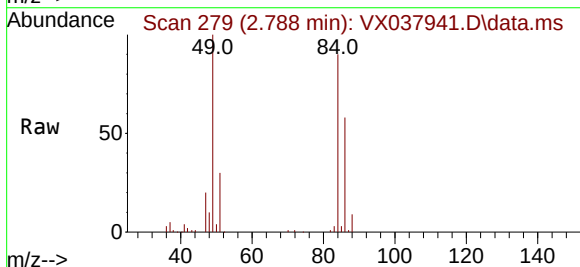
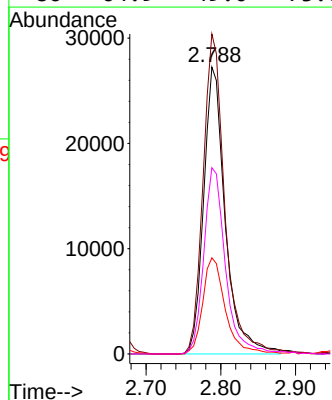
Delta R.T. -0.000 min

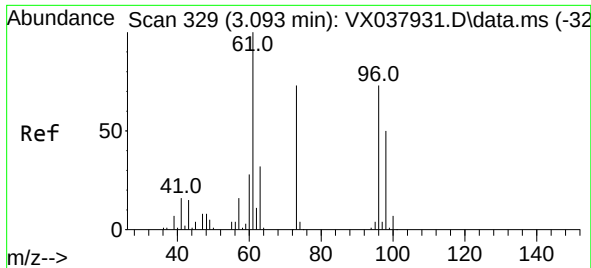
Lab File: VX037941.D

Acq: 28 Sep 2023 10:53

Tgt Ion: 84 Resp: 54823

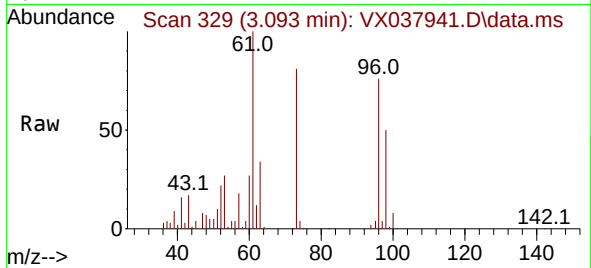
Ion	Ratio	Lower	Upper
84	100		
49	111.5	95.4	143.0
51	33.5	28.3	42.5
86	64.9	49.0	73.6





#19
trans-1,2-Dichloroethene
Concen: 19.790 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

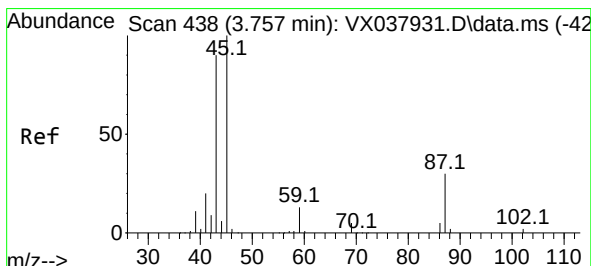
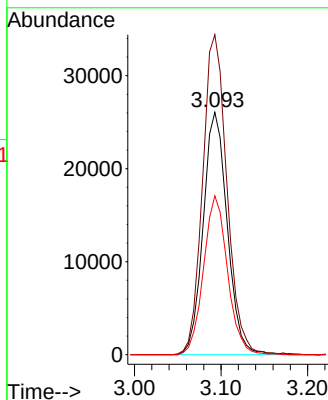
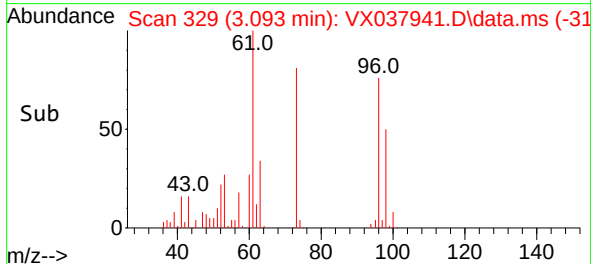
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD01



Tgt Ion: 96 Resp: 50318
Ion Ratio Lower Upper
96 100
61 131.6 108.7 163.1
98 65.5 49.1 73.7

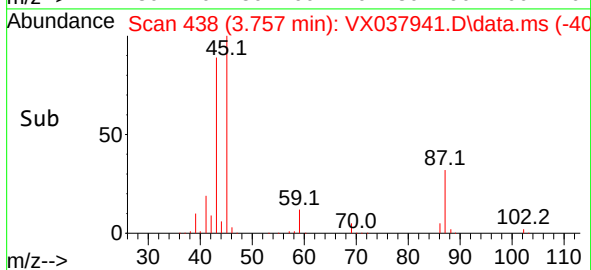
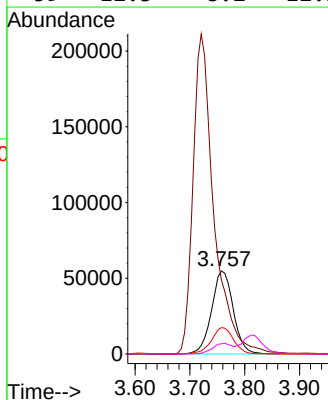
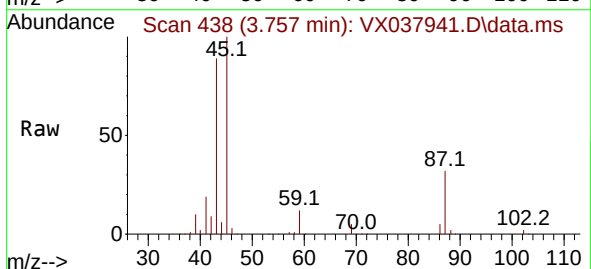
Manual Integrations
APPROVED

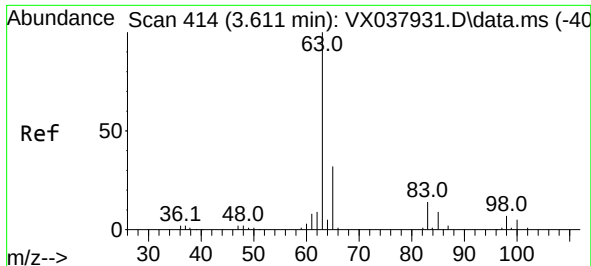
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#20
Diisopropyl ether
Concen: 20.411 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

Tgt Ion: 45 Resp: 150493
Ion Ratio Lower Upper
45 100
43 88.1 55.8 83.6#
87 31.8 23.0 34.4
59 12.3 8.2 12.2#





#21

1,1-Dichloroethane

Concen: 20.202 ug/l

RT: 3.611 min Scan# 414

Delta R.T. -0.000 min

Lab File: VX037941.D

Acq: 28 Sep 2023 10:53

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBSD01

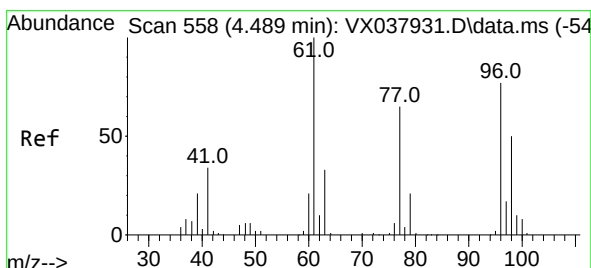
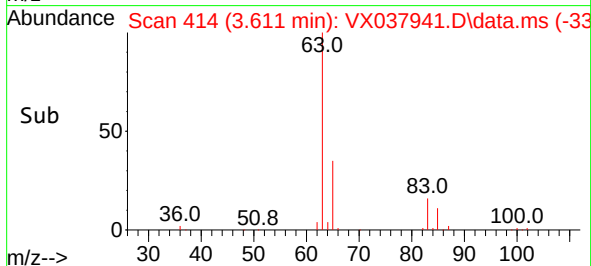
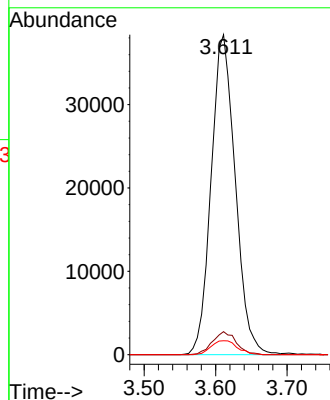
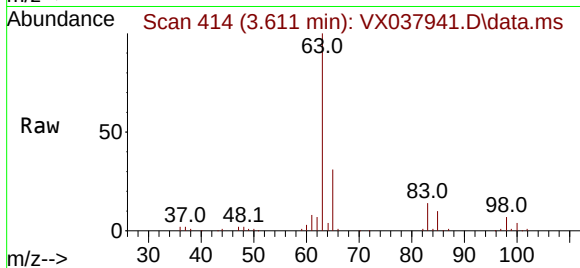
Tgt Ion:	63	Resp:	89994
Ion Ratio	Lower	Upper	
63	100		
98	7.2	3.2	9.6
100	4.4	2.3	6.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#22

cis-1,2-Dichloroethene

Concen: 20.093 ug/l

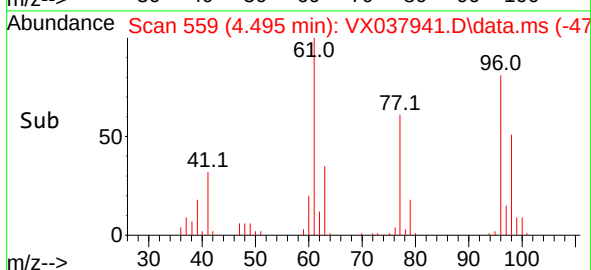
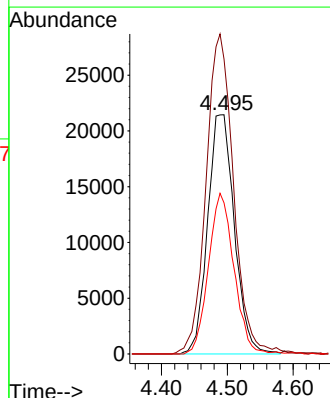
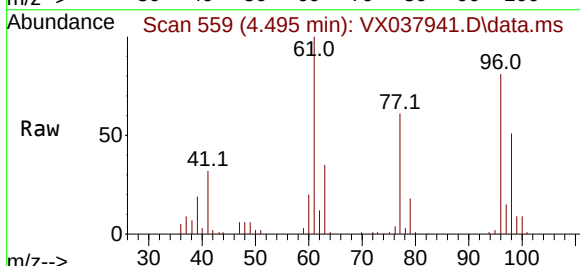
RT: 4.495 min Scan# 559

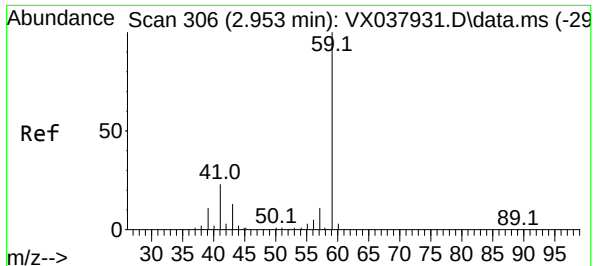
Delta R.T. 0.006 min

Lab File: VX037941.D

Acq: 28 Sep 2023 10:53

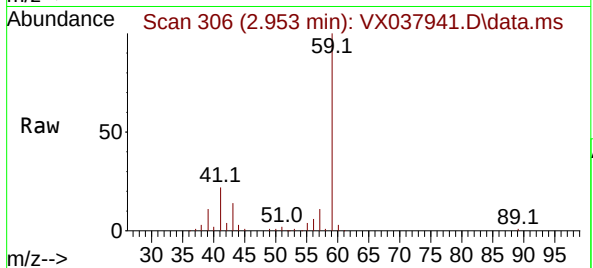
Tgt Ion:	96	Resp:	60660
Ion Ratio	Lower	Upper	
96	100		
61	136.5	114.0	171.0
98	63.8	51.6	77.4





#23
tert-Butyl Alcohol
Concen: 114.654 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.000 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

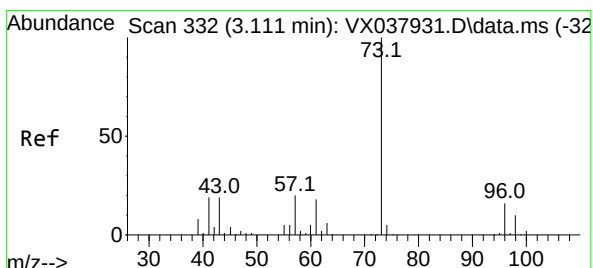
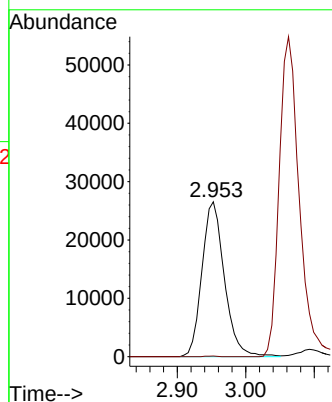
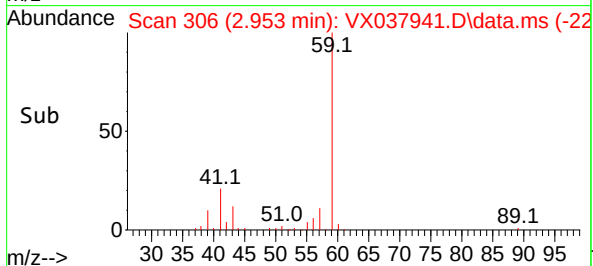
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD01



Tgt Ion: 59 Resp: 6056
Ion Ratio Lower Upper
59 100
52 0.2 142.6 213.8

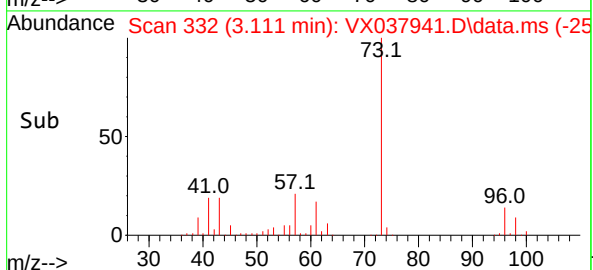
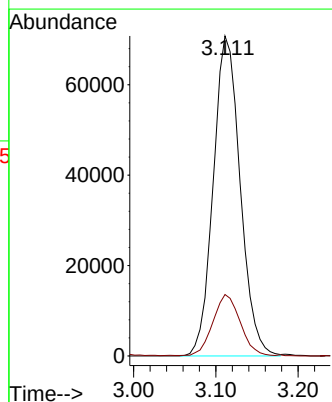
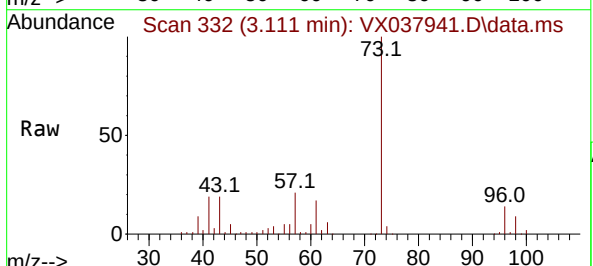
Manual Integrations
APPROVED

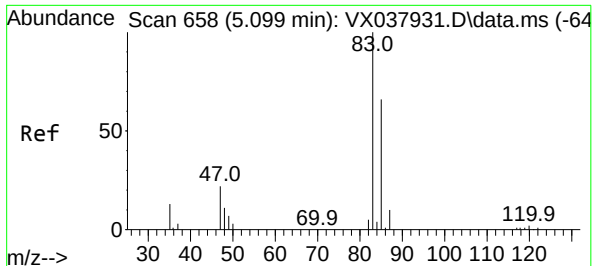
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#24
Methyl tert-Butyl Ether
Concen: 20.637 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

Tgt Ion: 73 Resp: 161133
Ion Ratio Lower Upper
73 100
43 19.5 16.8 25.2





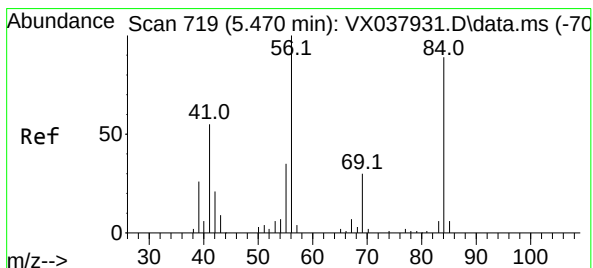
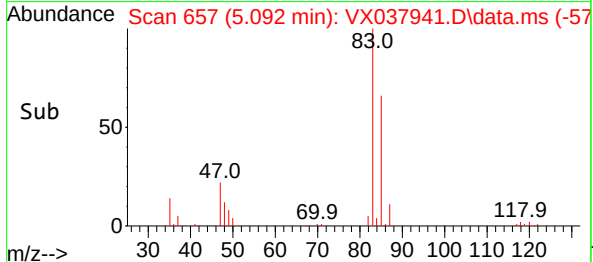
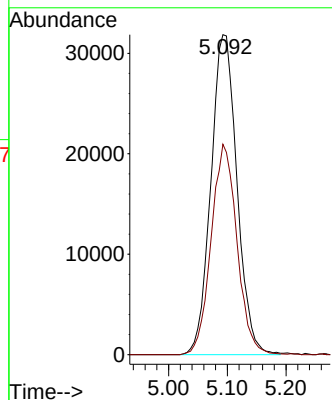
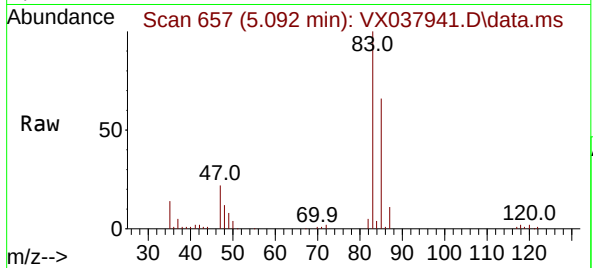
#25
Chloroform
Concen: 20.082 ug/l
RT: 5.092 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD01

Tgt Ion: 83 Resp: 9838
Ion Ratio Lower Upper
83 100
85 65.7 51.5 77.3

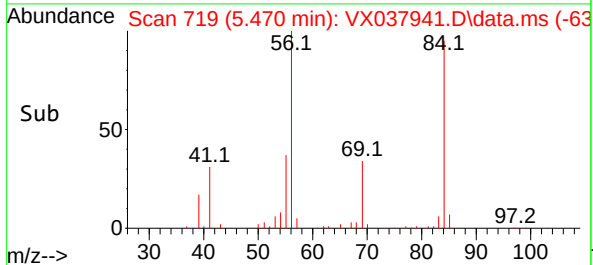
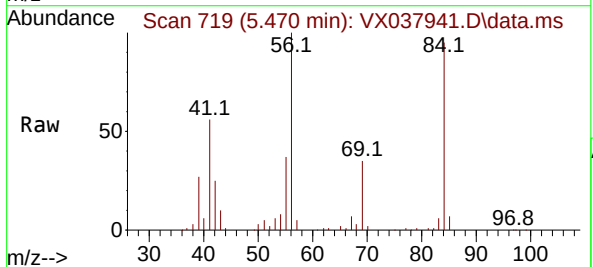
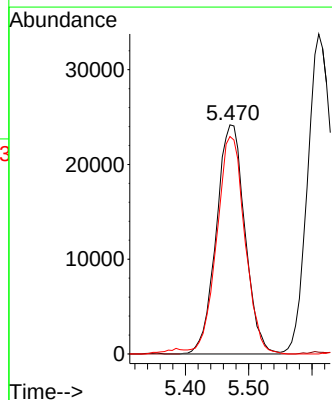
Manual Integrations
APPROVED

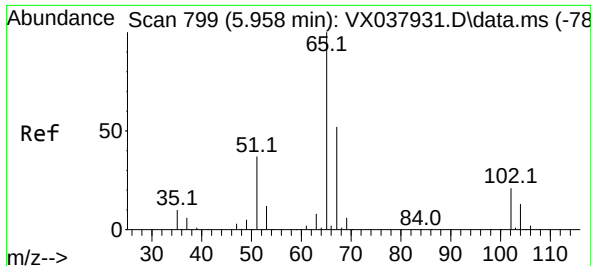
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#26
Cyclohexane
Concen: 20.032 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

Tgt Ion: 56 Resp: 75944
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 93.3 71.4 107.2





#27

1,2-Dichloroethane-d4

Concen: 29.997 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037941.D

Acq: 28 Sep 2023 10:53

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBSD01

Tgt Ion: 65 Resp: 94214

Ion Ratio Lower Upper

65 100

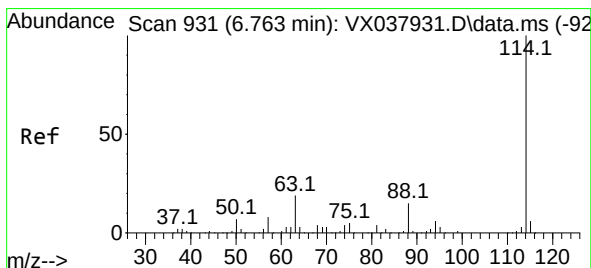
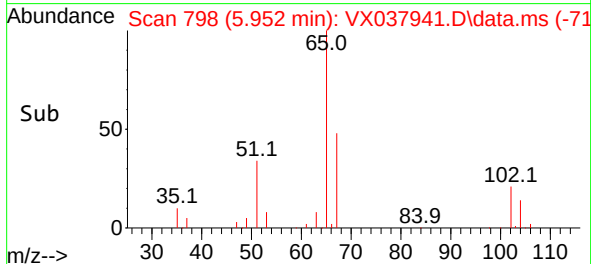
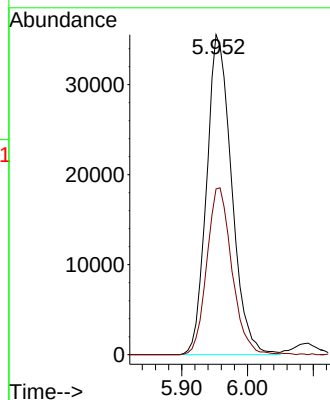
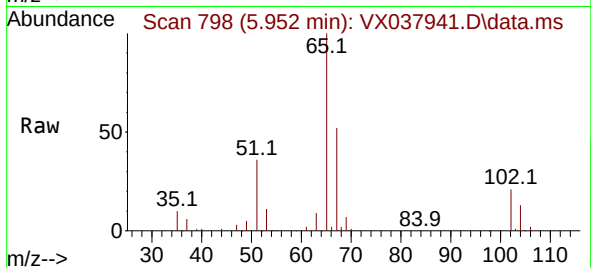
67 52.2 42.1 63.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX037941.D

Acq: 28 Sep 2023 10:53

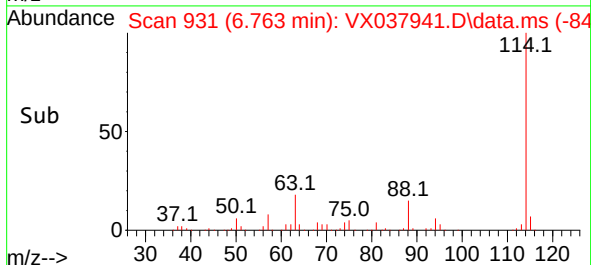
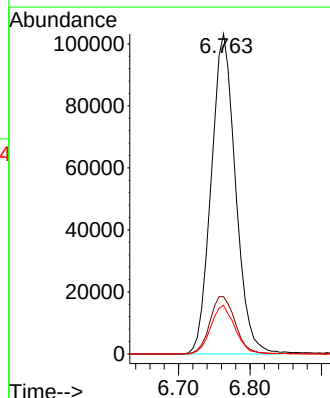
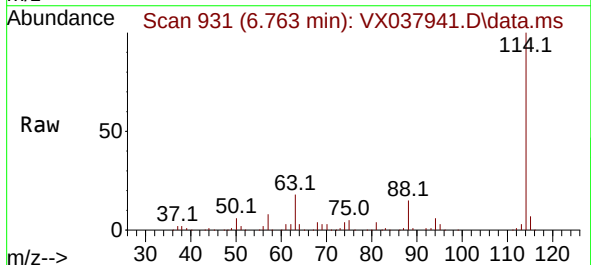
Tgt Ion:114 Resp: 243743

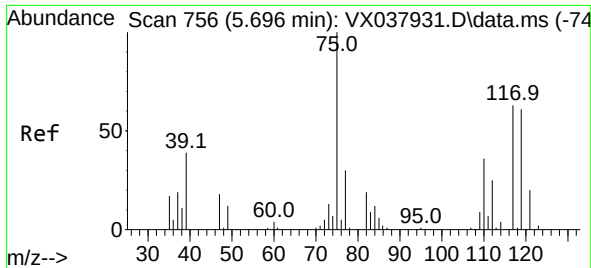
Ion Ratio Lower Upper

114 100

63 18.8 16.6 24.8

88 15.1 12.9 19.3





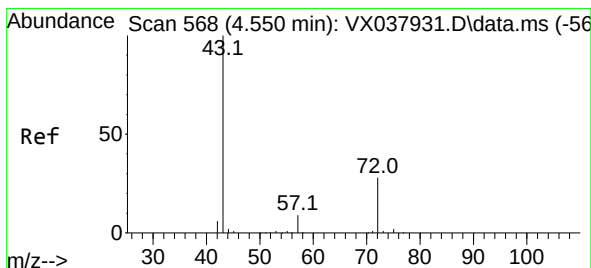
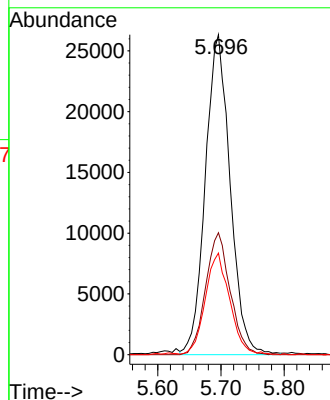
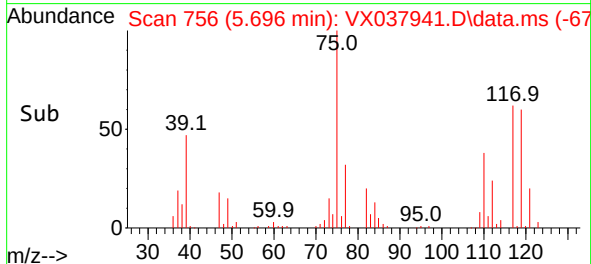
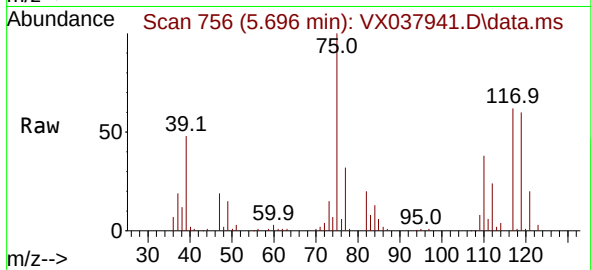
#29
1,1-Dichloropropene
Concen: 20.374 ug/l
RT: 5.696 min Scan# 7178
Delta R.T. -0.000 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD01

Tgt Ion: 75	Resp: 7178
Ion Ratio	Lower Upper
75 100	
110 37.6	0.0 70.4
77 31.0	0.0 62.8

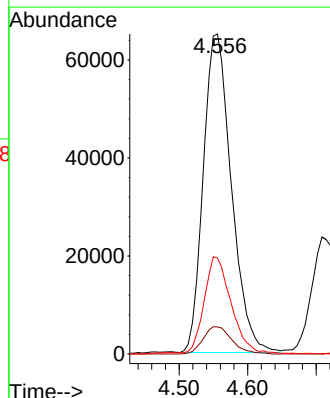
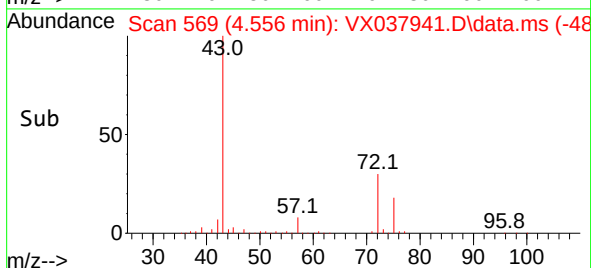
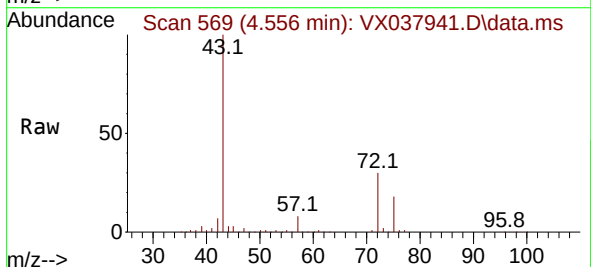
Manual Integrations
APPROVED

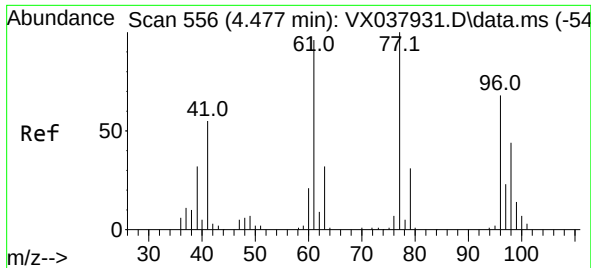
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#30
2-Butanone
Concen: 109.592 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.006 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

Tgt Ion: 43	Resp: 185313
Ion Ratio	Lower Upper
43 100	
57 8.7	6.4 9.6
72 29.1	21.6 32.4





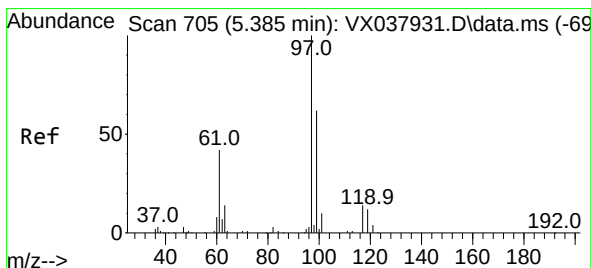
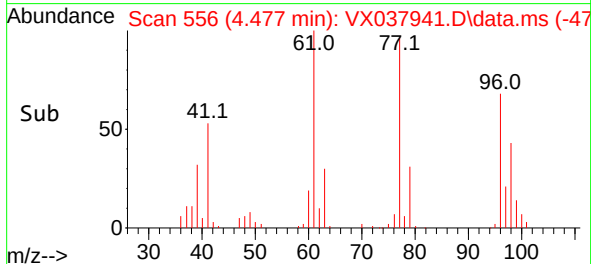
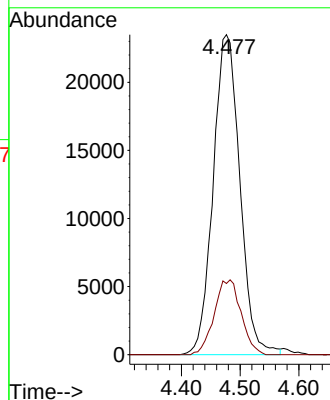
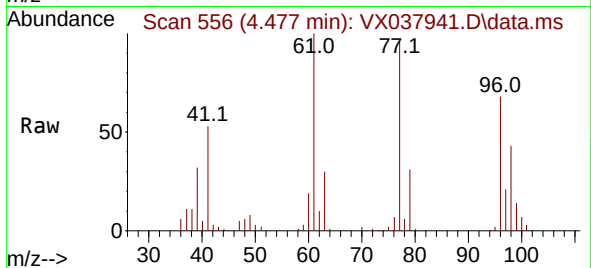
#31
2,2-Dichloropropane
Concen: 20.913 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD01

Tgt Ion: 77 Resp: 7423
Ion Ratio Lower Upper
77 100
97 12.0 18.6 27.8

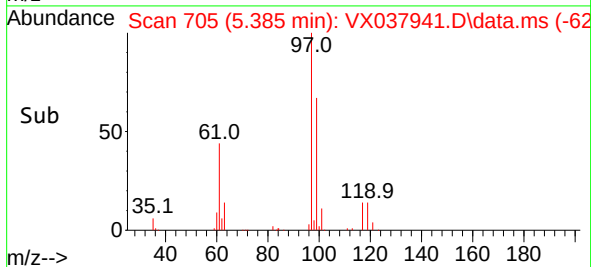
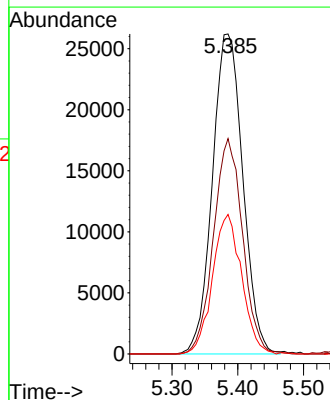
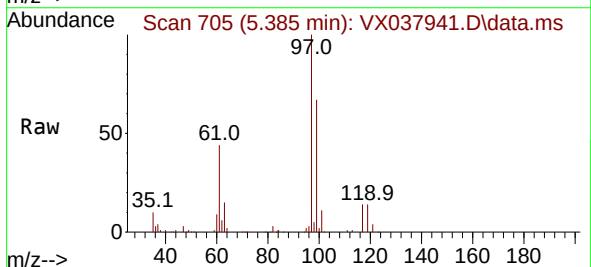
Manual Integrations
APPROVED

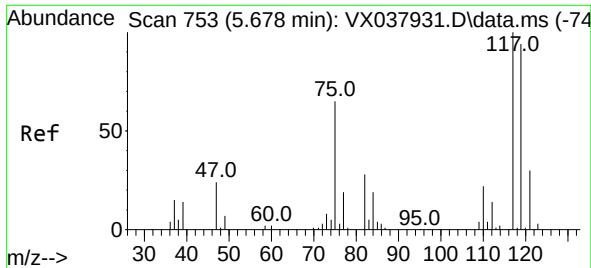
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#32
1,1,1-Trichloroethane
Concen: 20.004 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

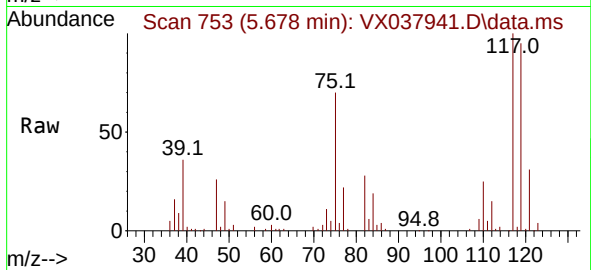
Tgt Ion: 97 Resp: 84457
Ion Ratio Lower Upper
97 100
99 64.4 51.5 77.3
61 41.7 35.8 53.8





#33
Carbon Tetrachloride
Concen: 20.322 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

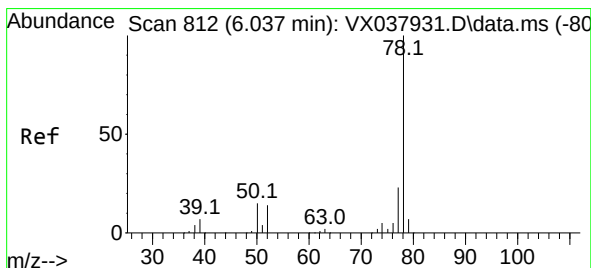
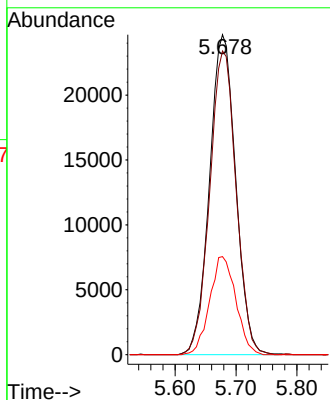
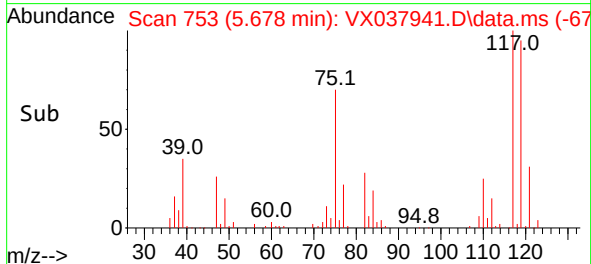
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD01



Tgt Ion: 117 Resp: 7344
Ion Ratio Lower Upper
117 100
119 94.9 76.6 115.0
121 30.6 26.5 39.7

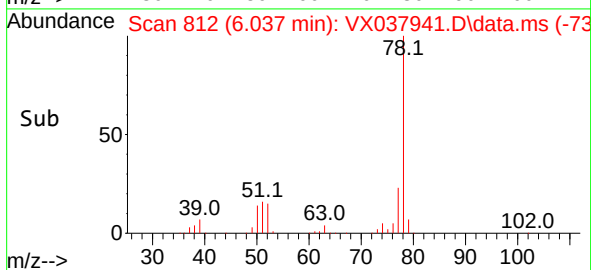
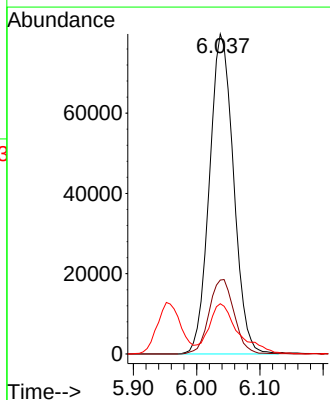
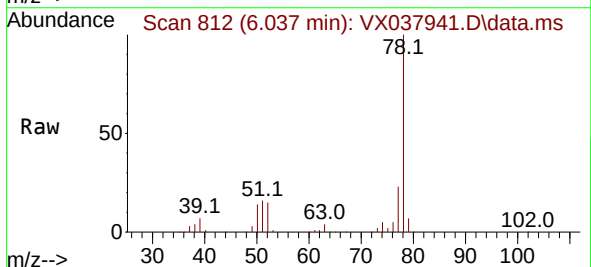
Manual Integrations
APPROVED

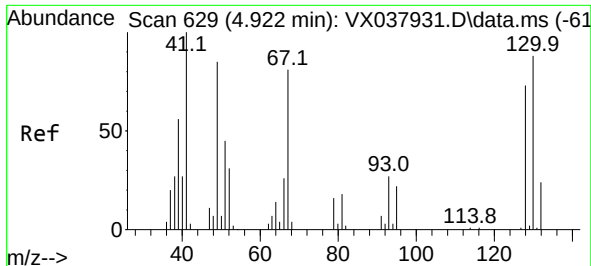
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#34
Benzene
Concen: 20.050 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

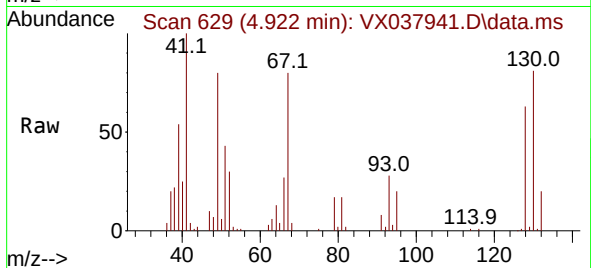
Tgt Ion: 78 Resp: 211031
Ion Ratio Lower Upper
78 100
77 23.1 18.7 28.1
51 15.2 14.2 21.4





#35
Methacrylonitrile
Concen: 20.434 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

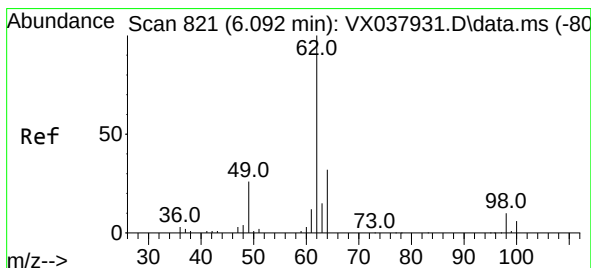
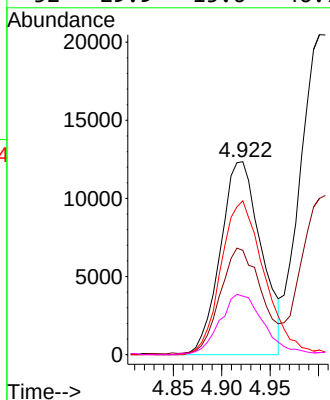
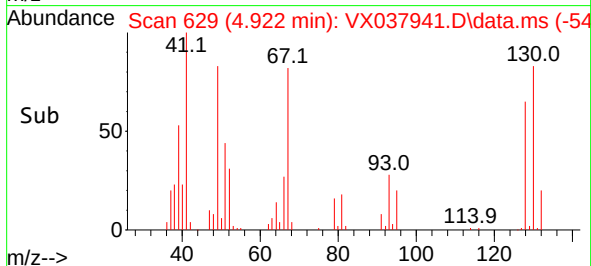
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD01



Tgt Ion: 41 Resp: 36320
Ion Ratio Lower Upper
41 100
39 53.4 28.2 84.7
67 79.8 35.0 105.1
52 29.9 15.6 46.7

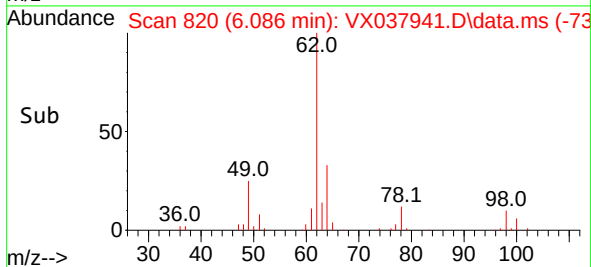
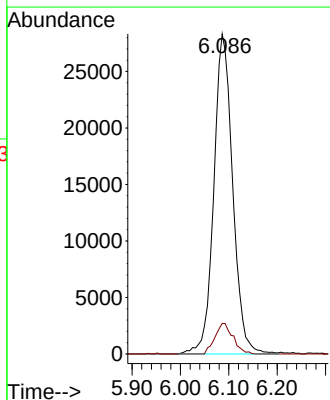
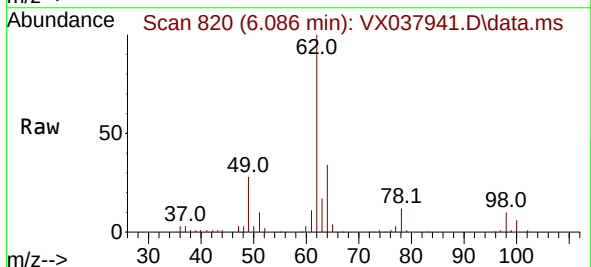
Manual Integrations
APPROVED

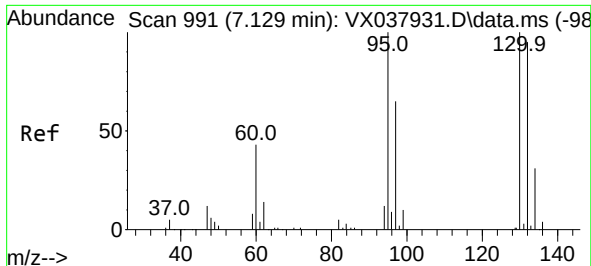
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#36
1,2-Dichloroethane
Concen: 20.619 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

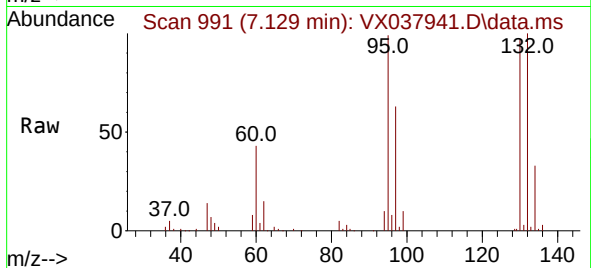
Tgt Ion: 62 Resp: 76770
Ion Ratio Lower Upper
62 100
98 9.1 7.0 10.6





#37
Trichloroethene
Concen: 20.076 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

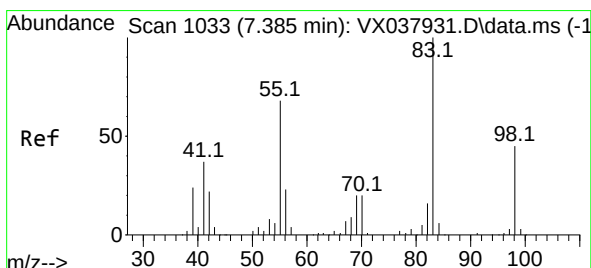
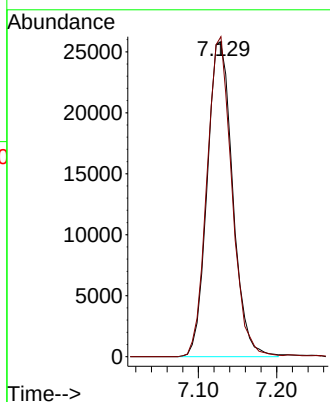
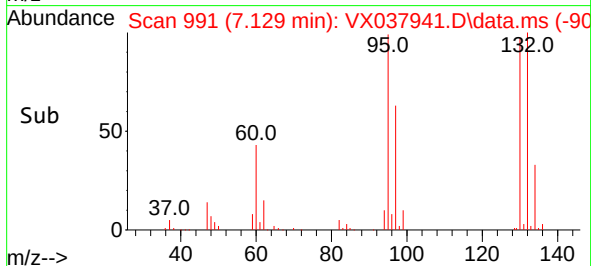
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD01



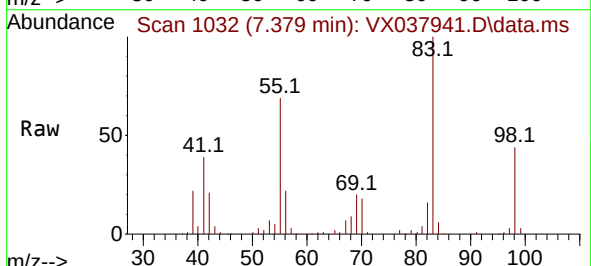
Tgt Ion:130 Resp: 58294
Ion Ratio Lower Upper
130 100
95 102.3 83.2 124.8

Manual Integrations
APPROVED

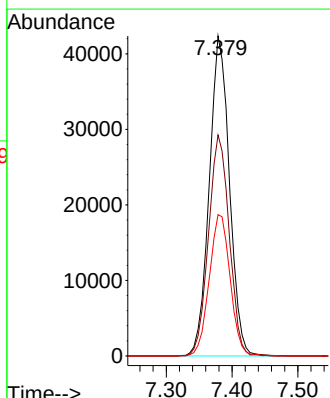
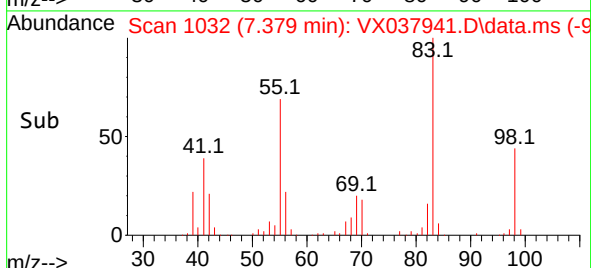
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023

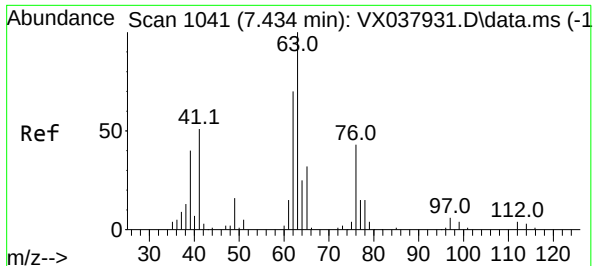


#38
Methylcyclohexane
Concen: 20.454 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53



Tgt Ion: 83 Resp: 90586
Ion Ratio Lower Upper
83 100
55 70.5 38.1 114.5
98 45.8 24.4 73.4





#39

1,2-Dichloropropane

Concen: 20.094 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX037941.D

Acq: 28 Sep 2023 10:53

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBSD01

Tgt Ion: 63 Resp: 5410

Ion Ratio Lower Upper

63 100

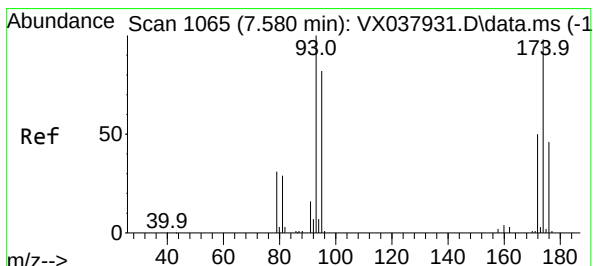
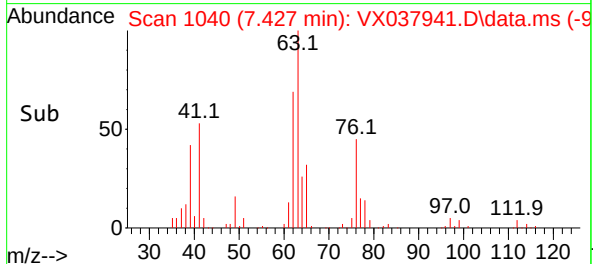
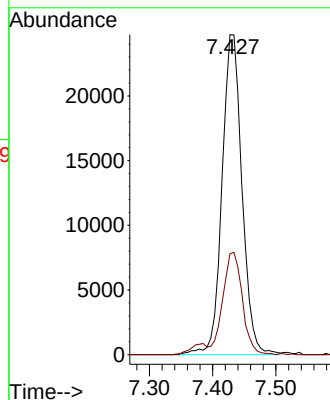
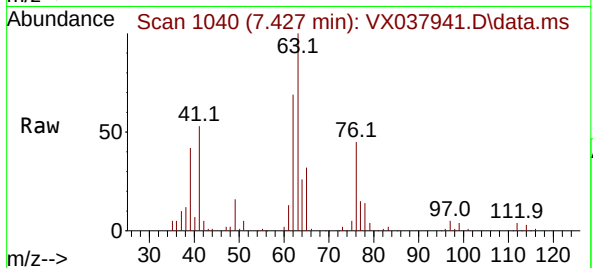
65 31.2 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#40

Dibromomethane

Concen: 20.525 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX037941.D

Acq: 28 Sep 2023 10:53

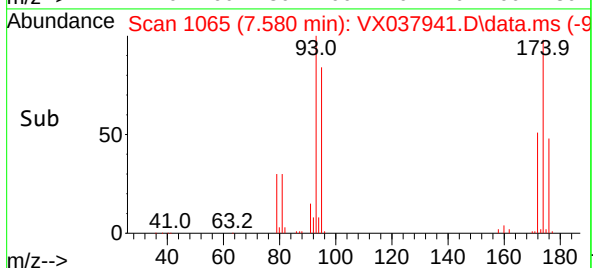
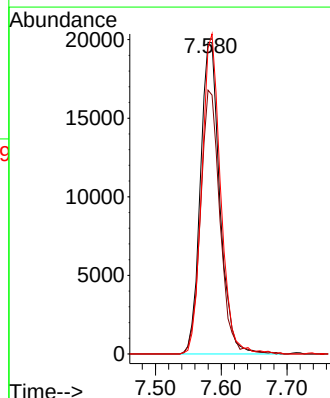
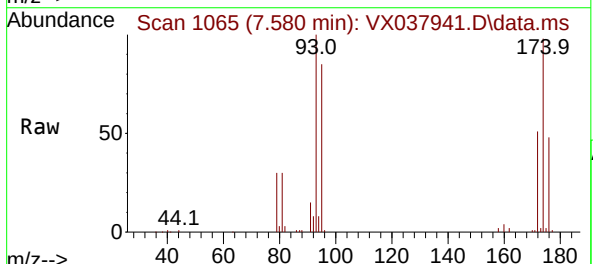
Tgt Ion: 93 Resp: 40783

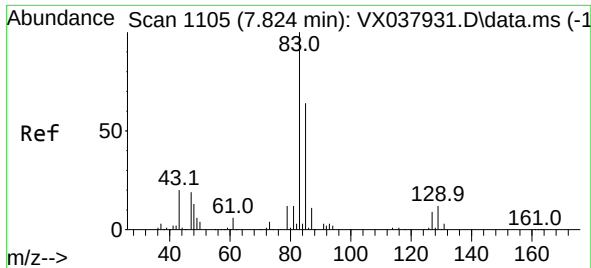
Ion Ratio Lower Upper

93 100

95 83.2 0.0 166.8

174 98.6 0.0 191.6





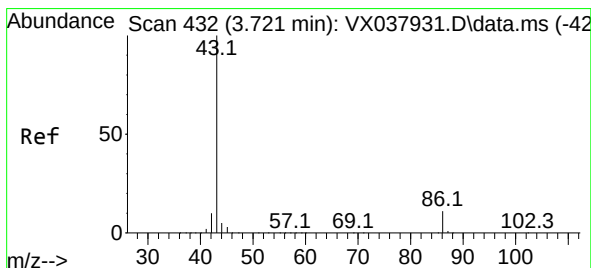
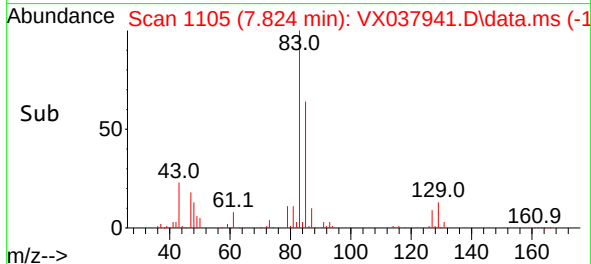
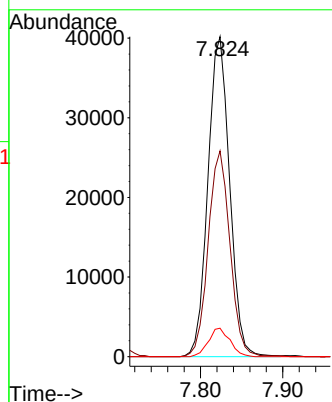
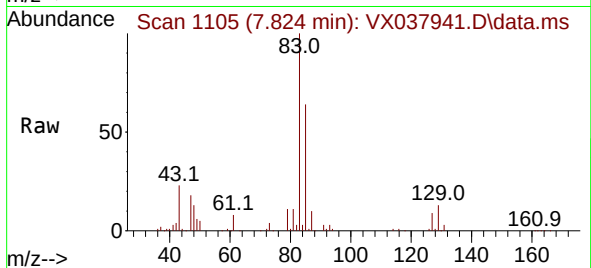
#41
Bromodichloromethane
Concen: 20.311 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD01

Tgt Ion: 83 Resp: 7368
Ion Ratio Lower Upper
83 100
85 64.3 51.5 77.3
127 8.9 6.4 9.6

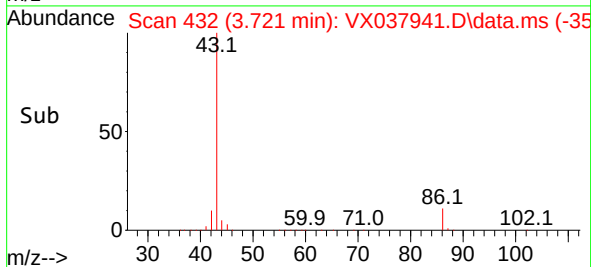
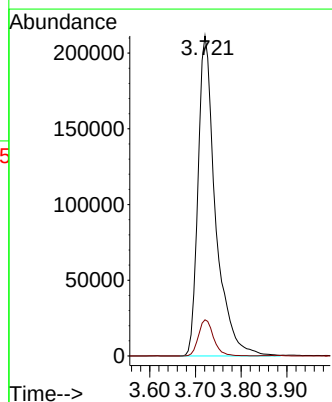
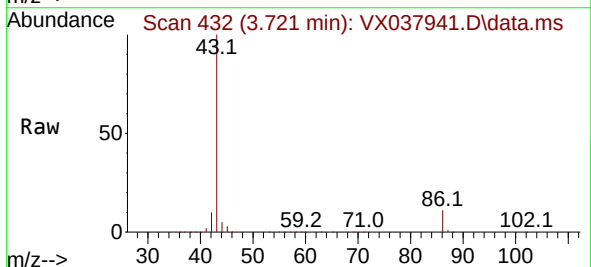
Manual Integrations
APPROVED

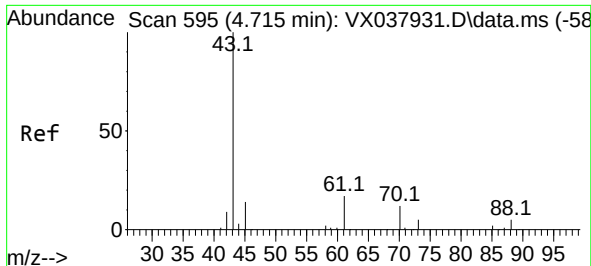
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#42
Vinyl Acetate
Concen: 105.369 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

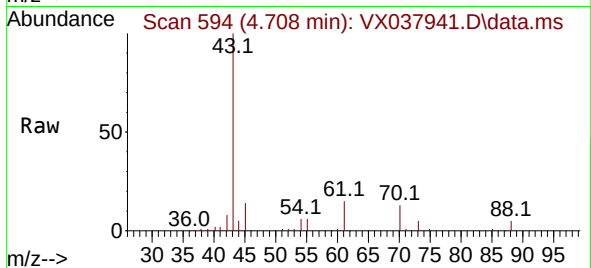
Tgt Ion: 43 Resp: 561662
Ion Ratio Lower Upper
43 100
86 9.8 7.4 11.0





#43
Ethyl Acetate
Concen: 21.354 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

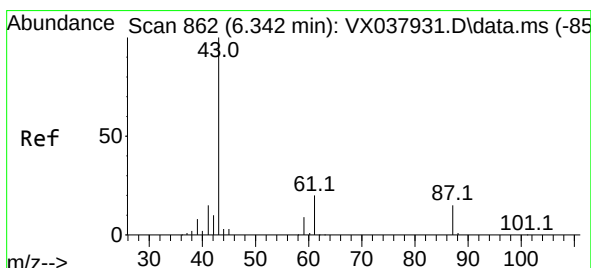
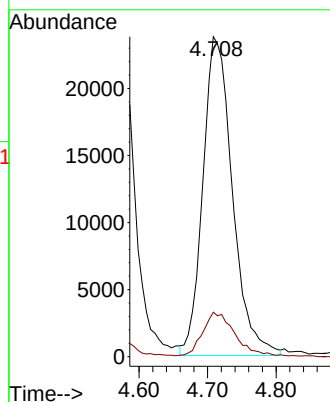
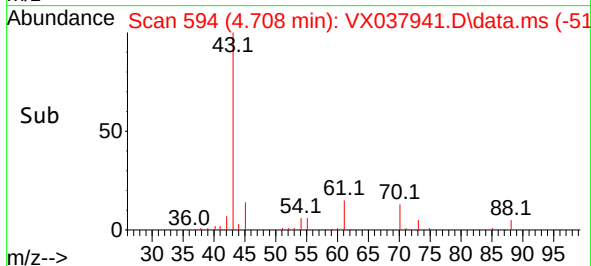
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD01



Tgt Ion: 43 Resp: 7138
Ion Ratio Lower Upper
43 100
45 14.5 12.6 18.8

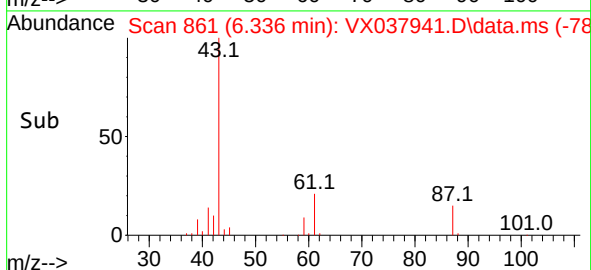
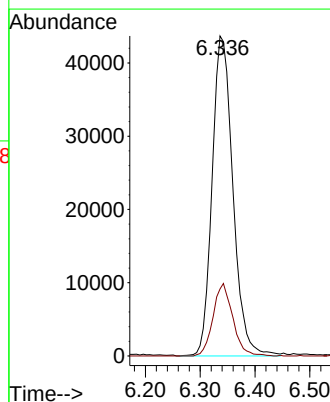
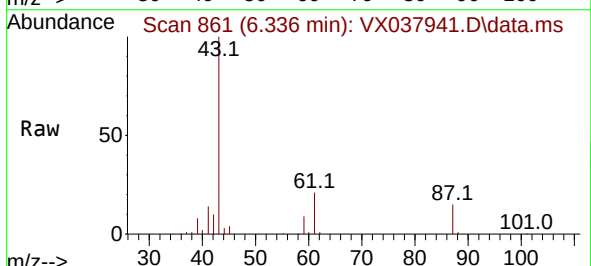
Manual Integrations
APPROVED

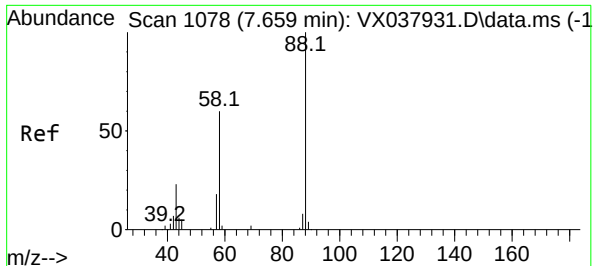
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#44
Isopropyl Acetate
Concen: 20.802 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

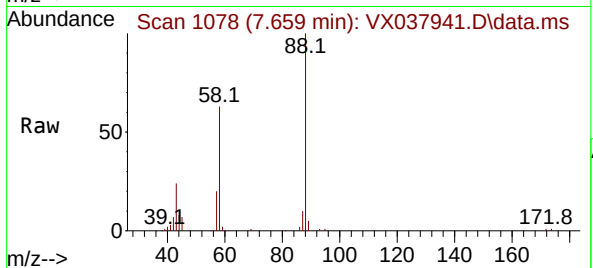
Tgt Ion: 43 Resp: 115041
Ion Ratio Lower Upper
43 100
61 21.4 15.4 23.0





#45
1,4-Dioxane
Concen: 461.765 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

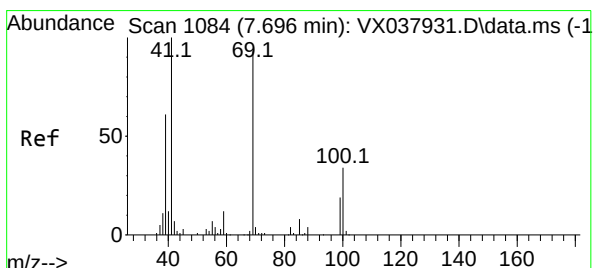
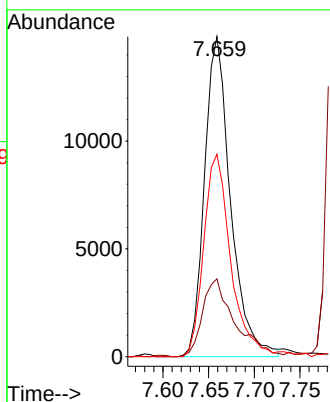
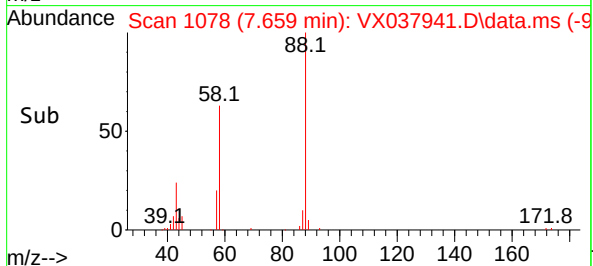
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD01



Tgt Ion: 88 Resp: 2942
Ion Ratio Lower Upper
88 100
43 29.9 297.5 446.3
58 65.1 1.0 1.4

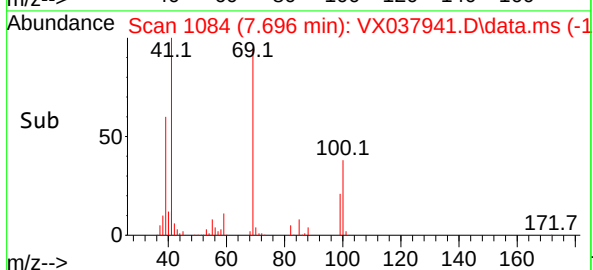
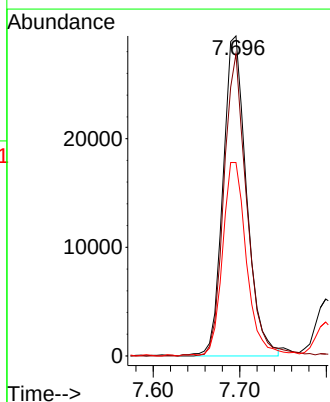
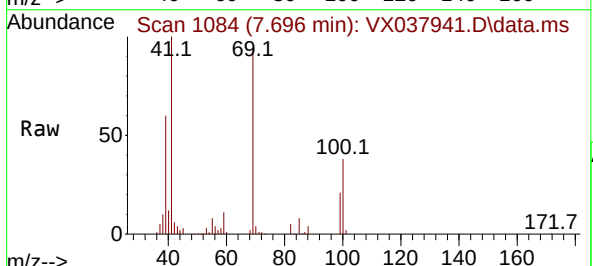
Manual Integrations
APPROVED

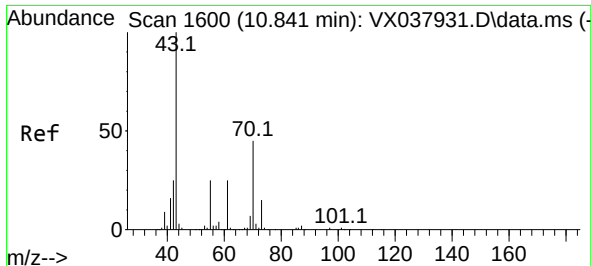
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#46
Methyl methacrylate
Concen: 21.193 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

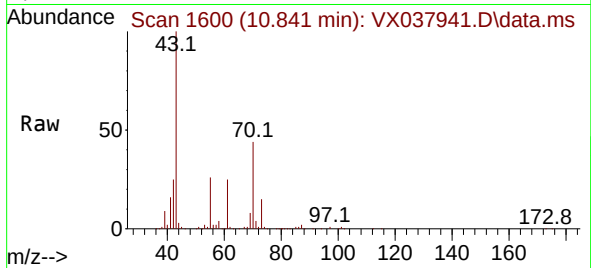
Tgt Ion: 41 Resp: 55714
Ion Ratio Lower Upper
41 100
69 94.4 44.4 133.1
39 60.4 34.9 104.7





#47
n-amy1 Acetate
Concen: 20.159 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

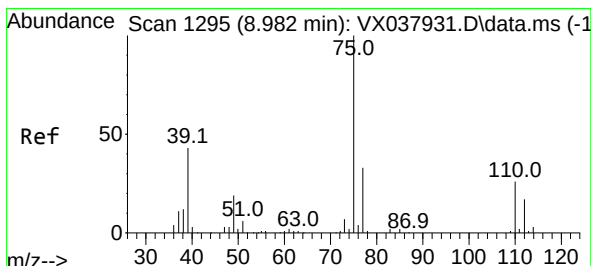
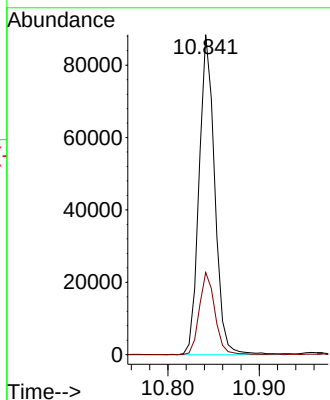
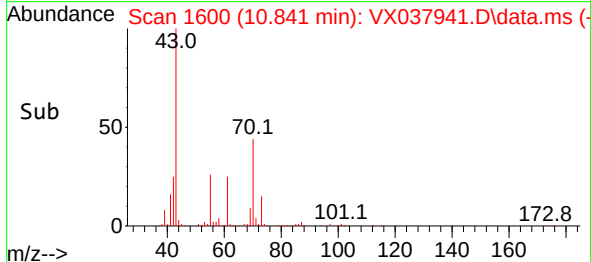
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD01



Tgt Ion: 43 Resp: 104889
Ion Ratio Lower Upper
43 100
55 25.5 18.6 28.0

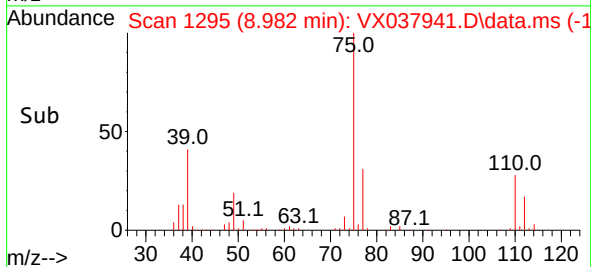
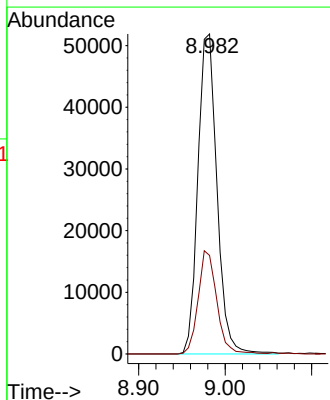
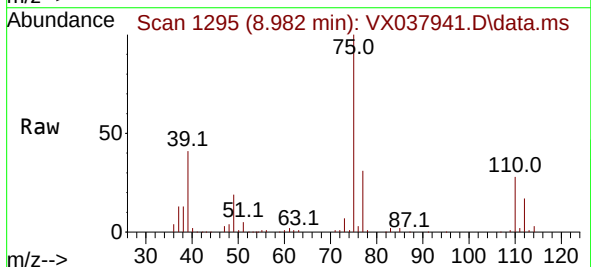
Manual Integrations
APPROVED

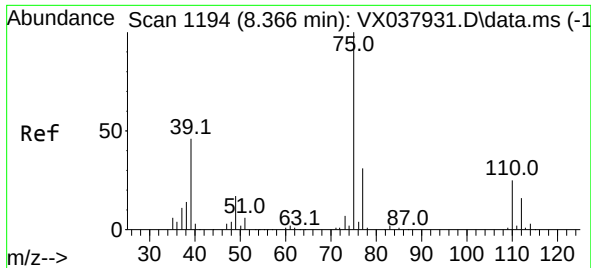
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#48
t-1,3-Dichloropropene
Concen: 20.148 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

Tgt Ion: 75 Resp: 79400
Ion Ratio Lower Upper
75 100
77 30.8 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 20.254 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX037941.D

Acq: 28 Sep 2023 10:53

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBSD01

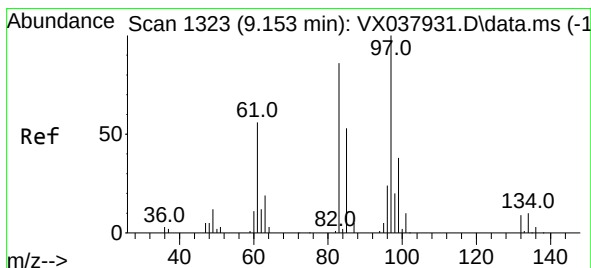
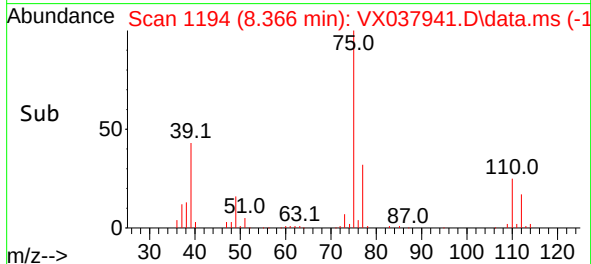
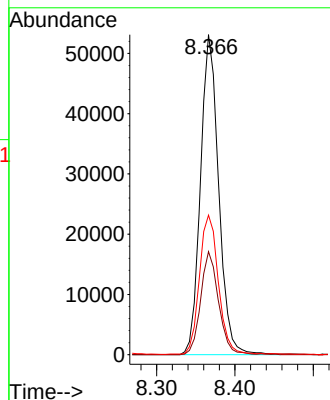
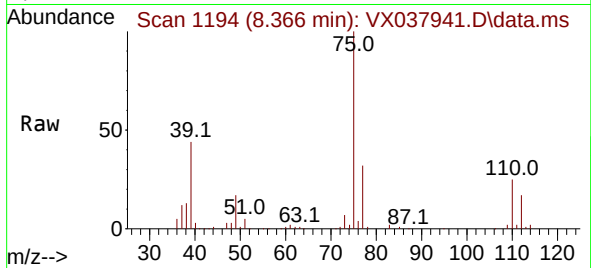
Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.4	38.2
39	43.4	40.2	60.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#50

1,1,2-Trichloroethane

Concen: 20.492 ug/l

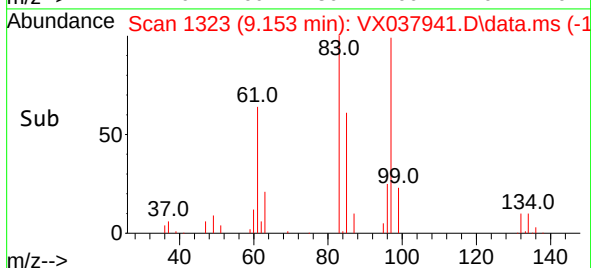
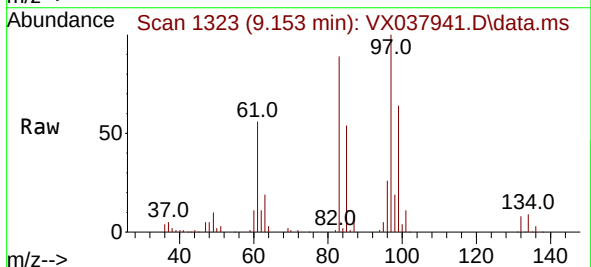
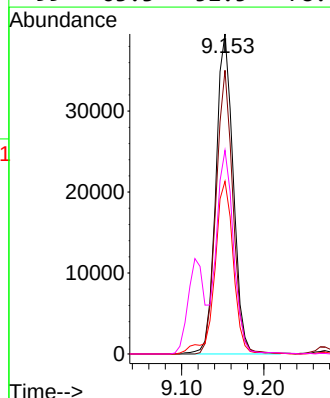
RT: 9.153 min Scan# 1323

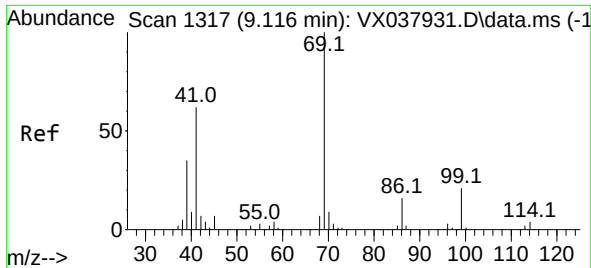
Delta R.T. -0.000 min

Lab File: VX037941.D

Acq: 28 Sep 2023 10:53

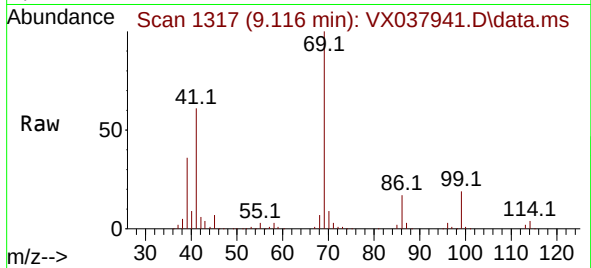
Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.7	70.0	105.0
85	53.8	46.1	69.1
99	63.3	52.5	78.7





#51
Ethyl methacrylate
Concen: 20.012 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

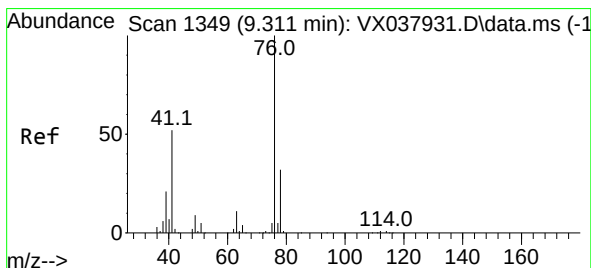
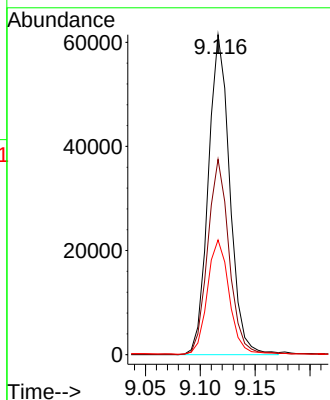
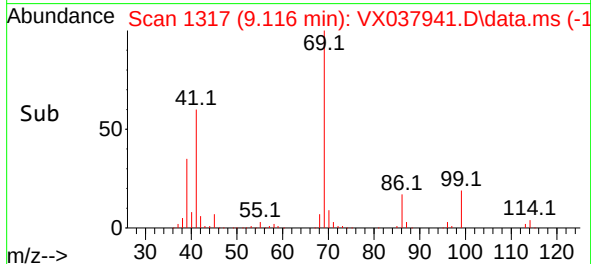
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD01



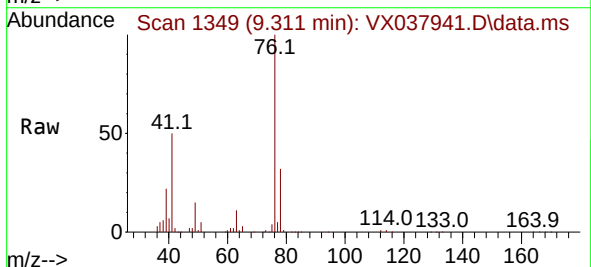
Tgt Ion: 69 Resp: 83728
Ion Ratio Lower Upper
69 100
41 61.0 32.0 96.0
39 35.7 19.4 58.4

Manual Integrations
APPROVED

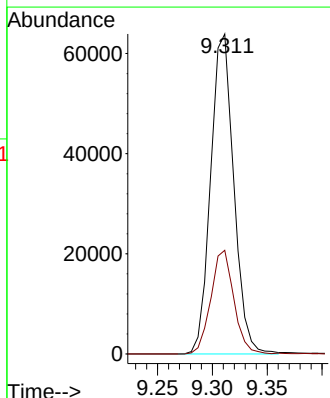
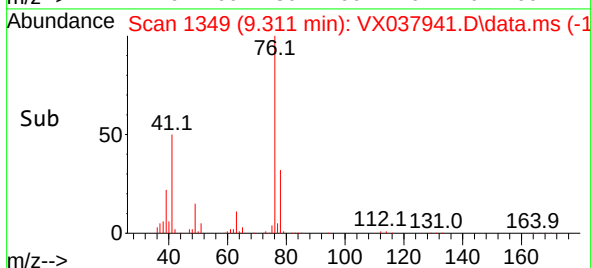
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023

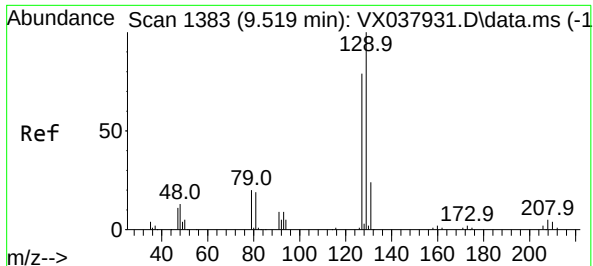


#52
1,3-Dichloropropane
Concen: 20.634 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53



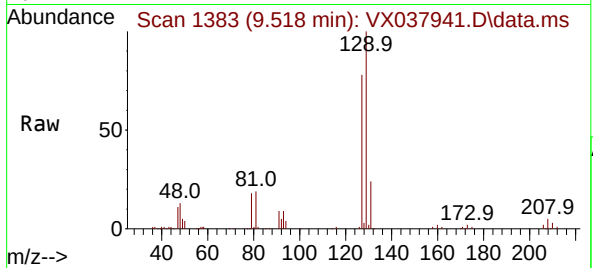
Tgt Ion: 76 Resp: 93984
Ion Ratio Lower Upper
76 100
78 32.1 0.0 63.6





#53
Dibromochloromethane
Concen: 20.186 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

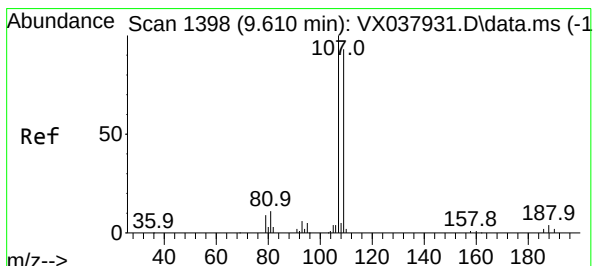
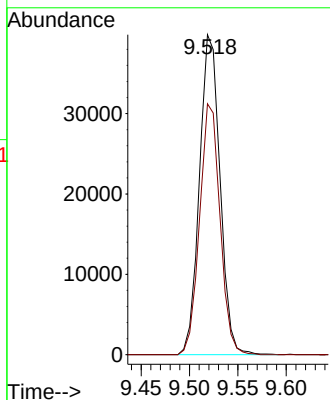
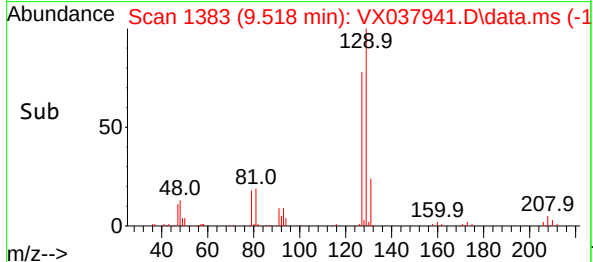
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD01



Tgt Ion:129 Resp: 59072
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.8

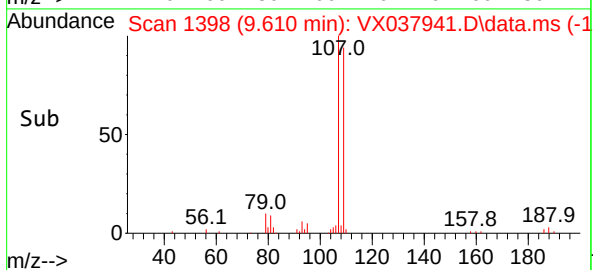
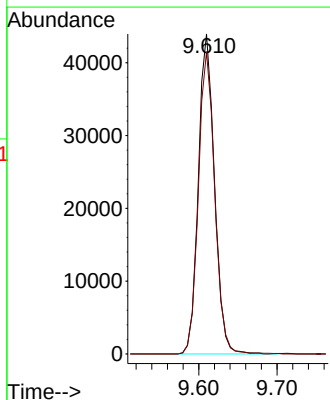
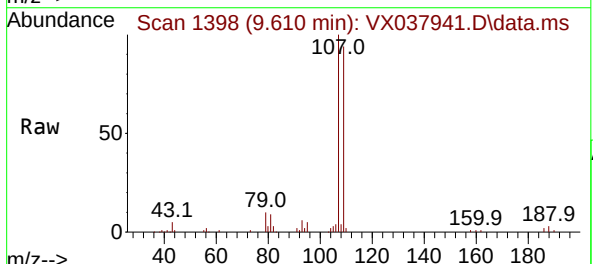
Manual Integrations
APPROVED

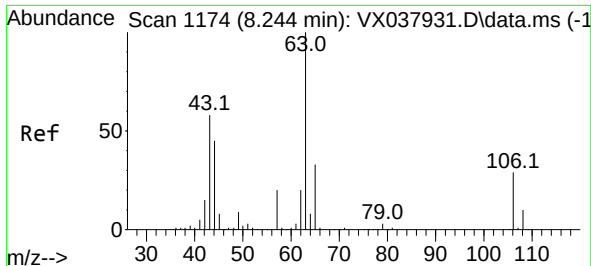
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#54
1,2-Dibromoethane
Concen: 20.456 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

Tgt Ion:107 Resp: 63028
Ion Ratio Lower Upper
107 100
109 95.1 74.7 112.1





#55

2-Chloroethyl vinyl ether

Concen: 99.219 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX037941.D

Acq: 28 Sep 2023 10:53

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBSD01

Tgt Ion: 63 Resp: 202350

Ion Ratio Lower Upper

63 100

65 32.3 25.9 38.9

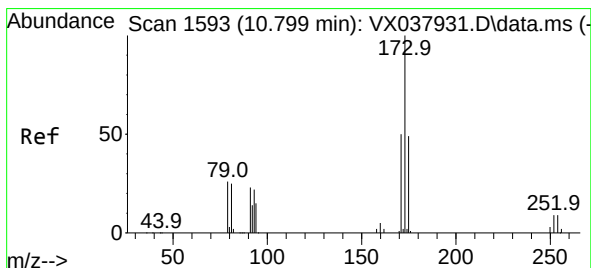
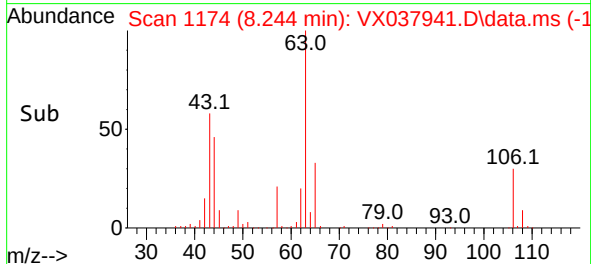
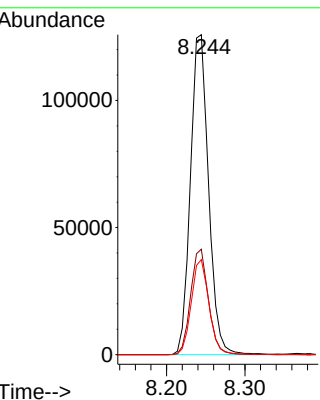
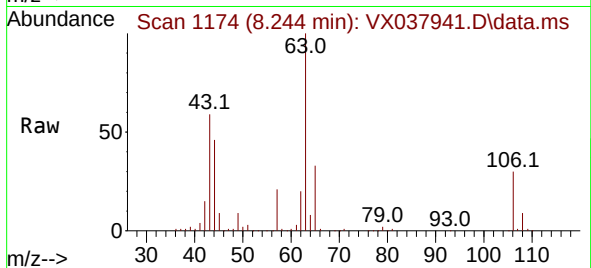
106 29.1 21.8 32.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#56

Bromoform

Concen: 19.548 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX037941.D

Acq: 28 Sep 2023 10:53

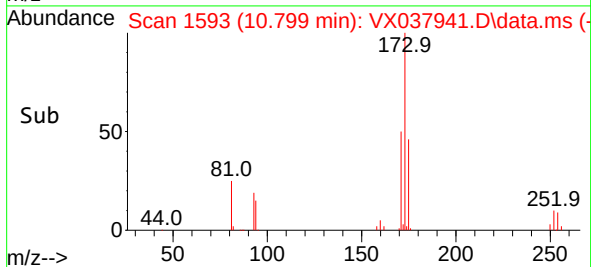
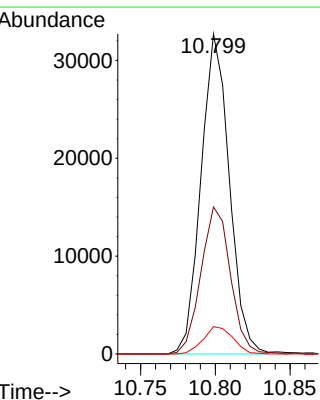
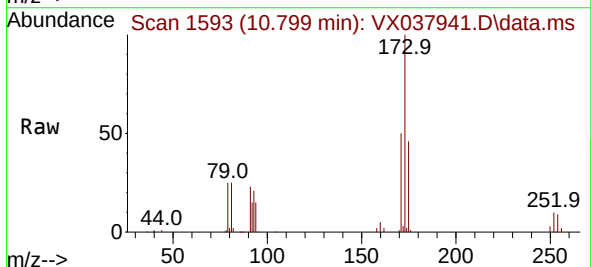
Tgt Ion:173 Resp: 43026

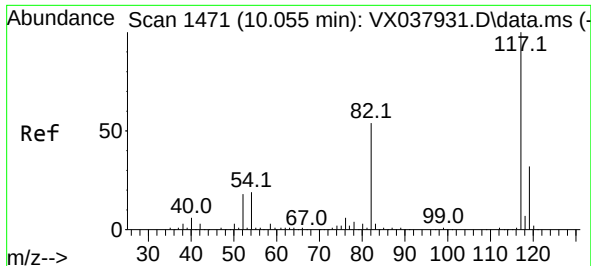
Ion Ratio Lower Upper

173 100

175 47.9 38.1 57.1

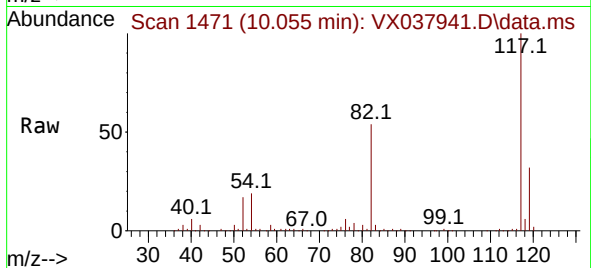
254 9.0 6.7 10.1





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

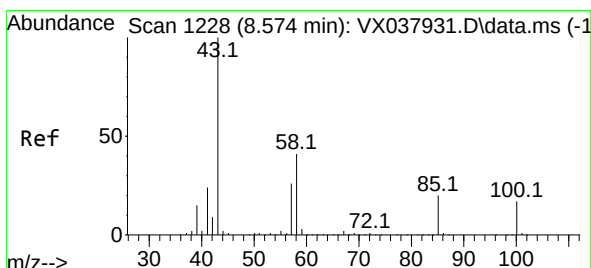
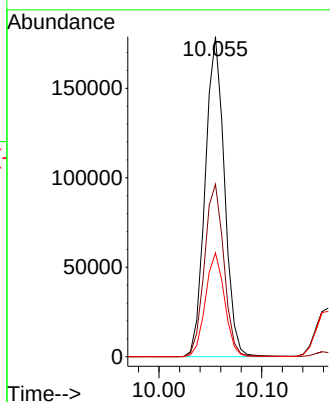
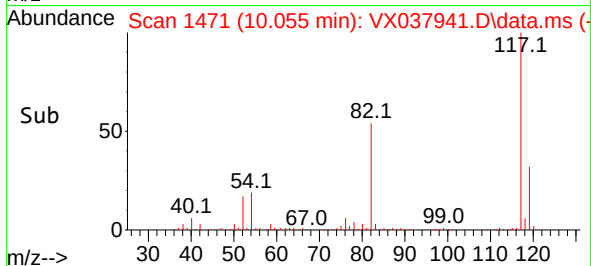
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD01



Tgt Ion: 117 Resp: 23339
Ion Ratio Lower Upper
117 100
82 54.5 44.7 67.1
119 32.2 25.6 38.4

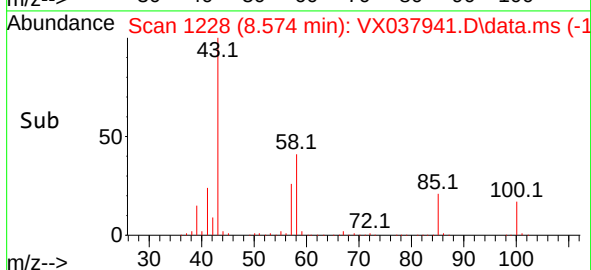
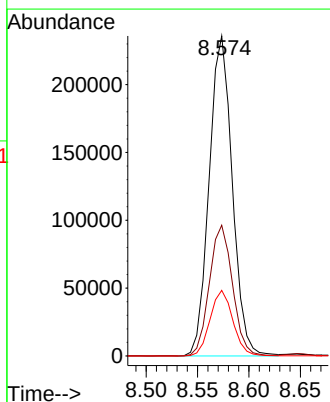
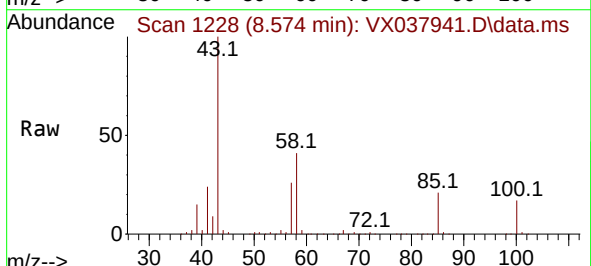
Manual Integrations
APPROVED

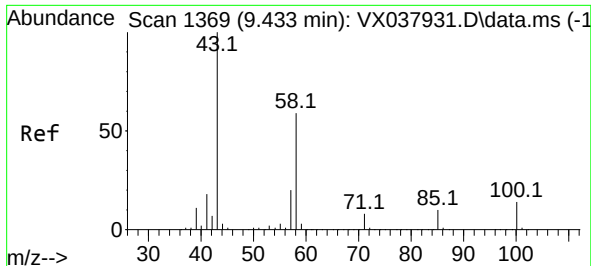
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#58
4-Methyl-2-Pentanone
Concen: 108.046 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

Tgt Ion: 43 Resp: 369149
Ion Ratio Lower Upper
43 100
58 40.9 30.9 46.3
85 20.2 14.4 21.6





#59

2-Hexanone

Concen: 108.454 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX037941.D

Acq: 28 Sep 2023 10:53

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBSD01

Tgt Ion: 43 Resp: 28140

Ion Ratio Lower Upper

43 100

58 57.7 43.4 65.2

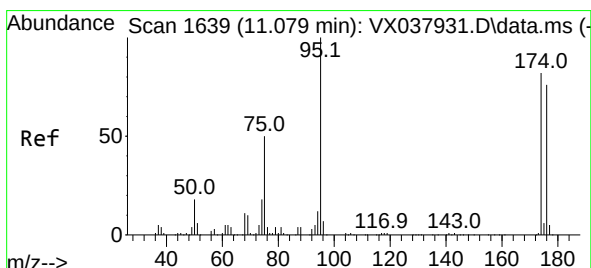
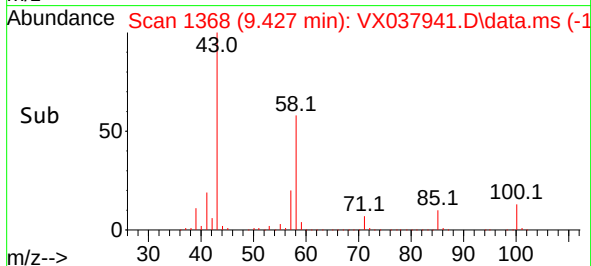
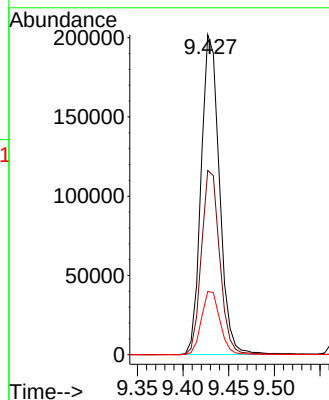
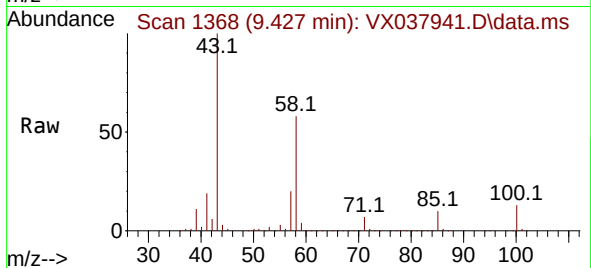
57 20.0 15.1 22.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#60

4-Bromofluorobenzene

Concen: 29.995 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX037941.D

Acq: 28 Sep 2023 10:53

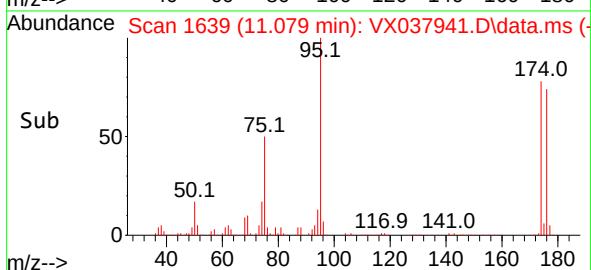
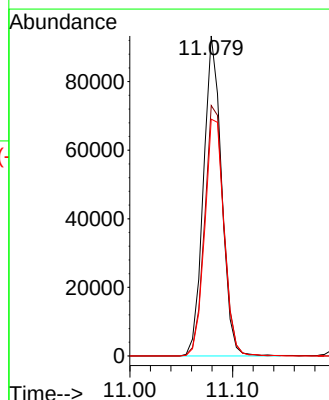
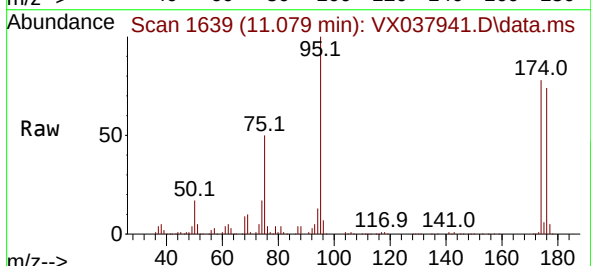
Tgt Ion: 95 Resp: 114121

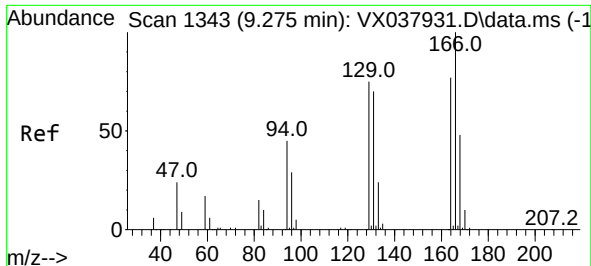
Ion Ratio Lower Upper

95 100

174 82.8 60.5 90.7

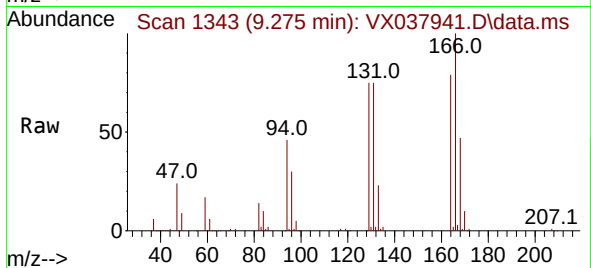
176 78.9 58.2 87.4





#61
Tetrachloroethene
Concen: 20.435 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

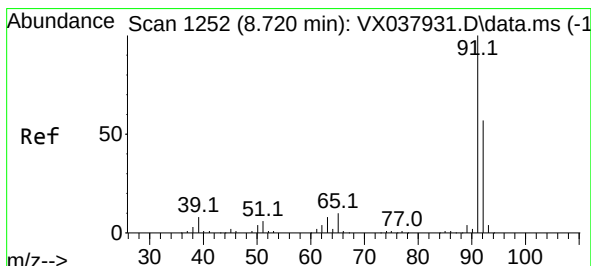
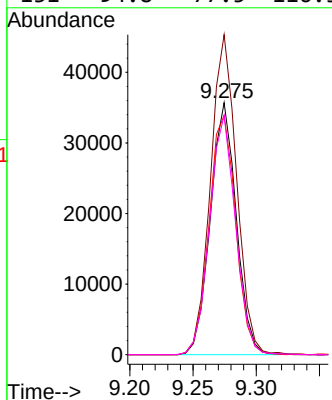
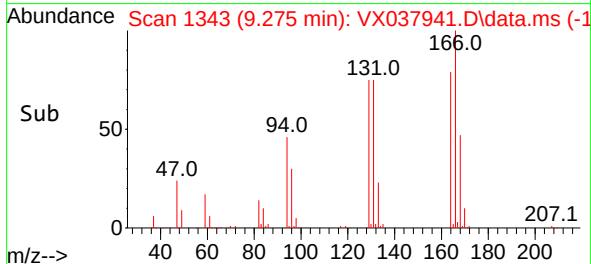
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD01



Tgt Ion:164 Resp: 5075
Ion Ratio Lower Upper
164 100
166 127.0 104.5 156.7
129 94.9 78.0 117.0
131 94.8 77.5 116.3

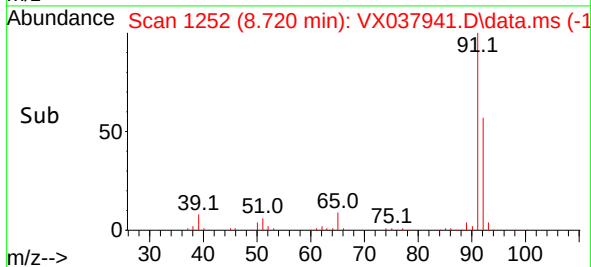
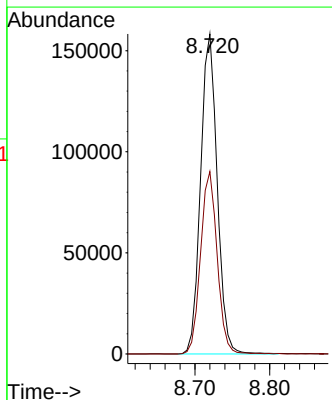
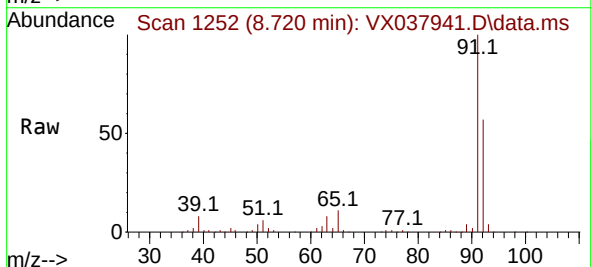
Manual Integrations
APPROVED

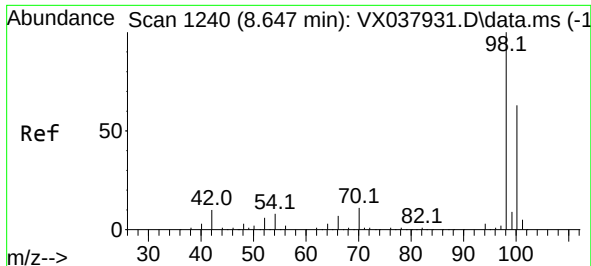
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#62
Toluene
Concen: 20.182 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

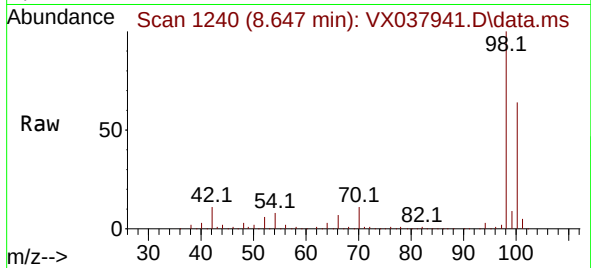
Tgt Ion: 91 Resp: 244341
Ion Ratio Lower Upper
91 100
92 56.9 44.9 67.3





#63
Toluene-d8
Concen: 30.198 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

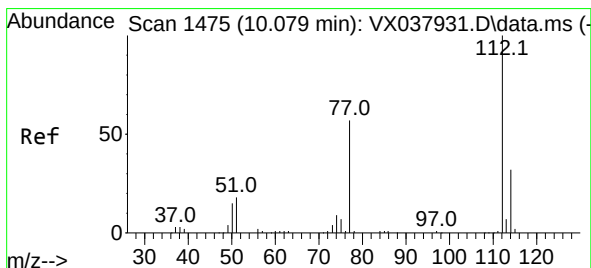
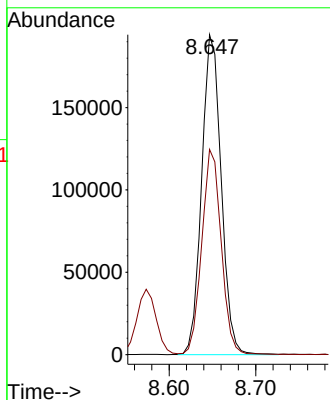
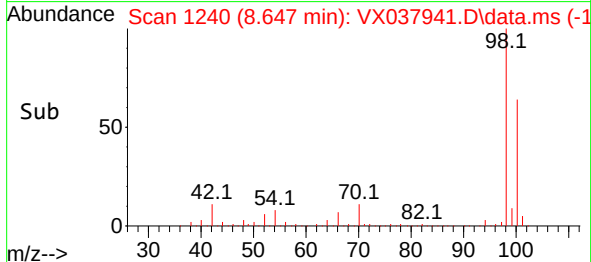
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD01



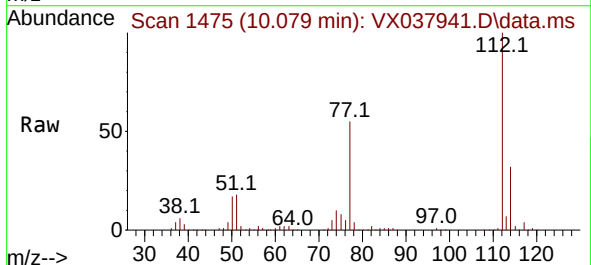
Tgt Ion: 98 Resp: 30425
Ion Ratio Lower Upper
98 100
100 63.7 51.6 77.4

Manual Integrations
APPROVED

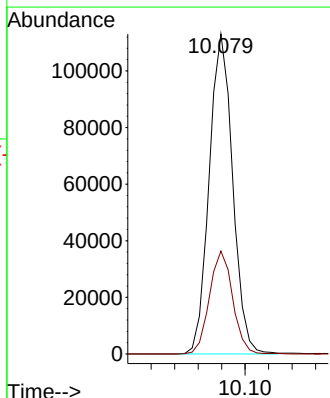
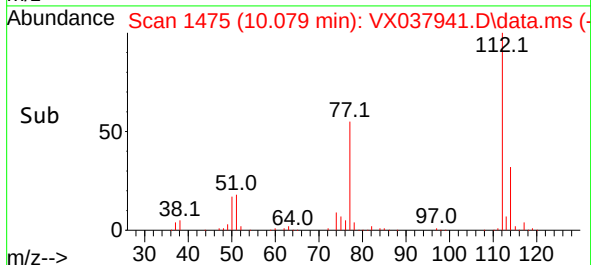
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023

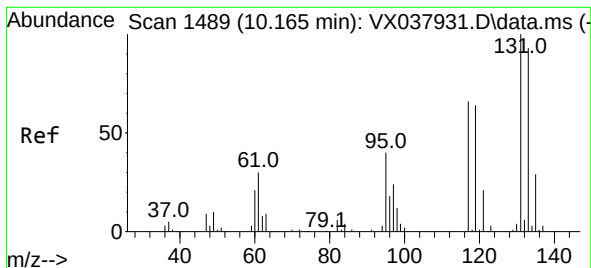


#64
Chlorobenzene
Concen: 20.775 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53



Tgt Ion:112 Resp: 156903
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6





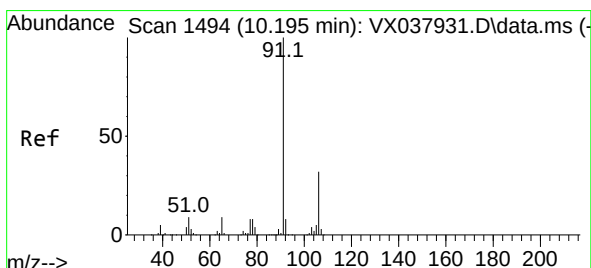
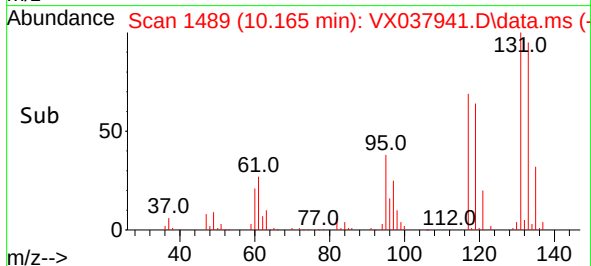
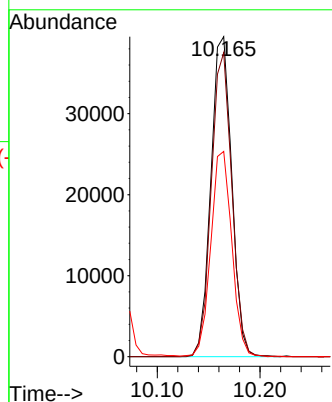
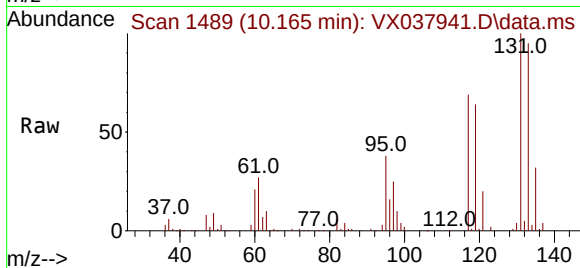
#65
1,1,1,2-Tetrachloroethane
Concen: 20.298 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD01

Tgt Ion:131 Resp: 5564
Ion Ratio Lower Upper
131 100
133 93.8 0.0 192.0
119 64.6 0.0 132.8

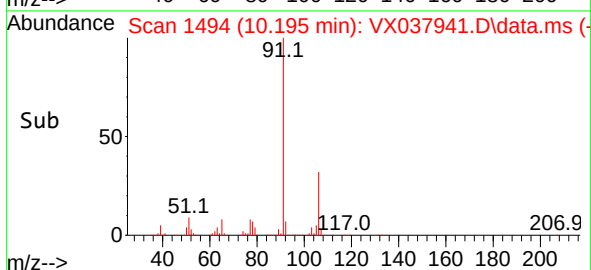
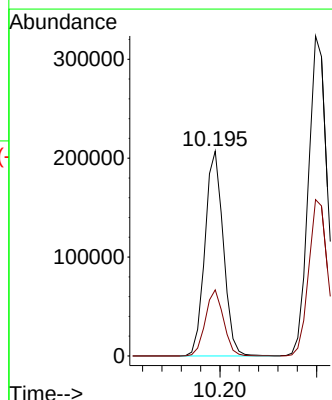
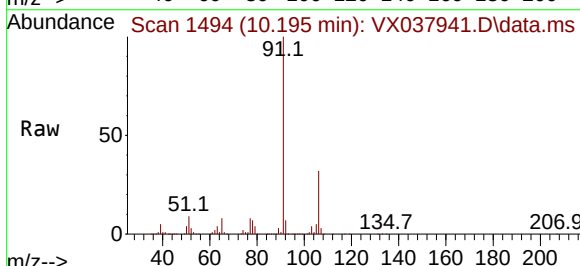
Manual Integrations
APPROVED

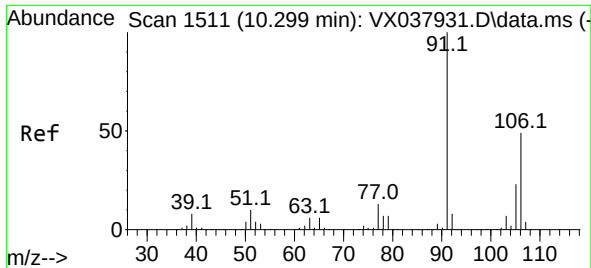
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#66
Ethyl Benzene
Concen: 20.520 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

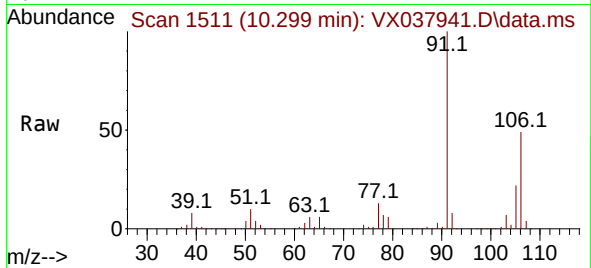
Tgt Ion: 91 Resp: 274180
Ion Ratio Lower Upper
91 100
106 32.3 24.2 36.4





#67
m/p-Xylenes
Concen: 40.905 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

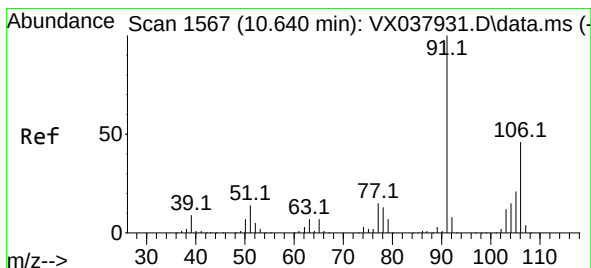
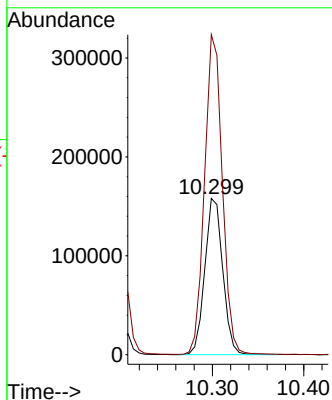
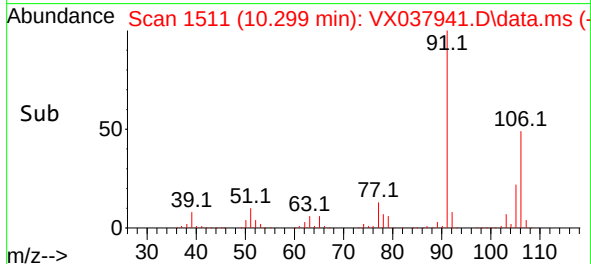
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD01



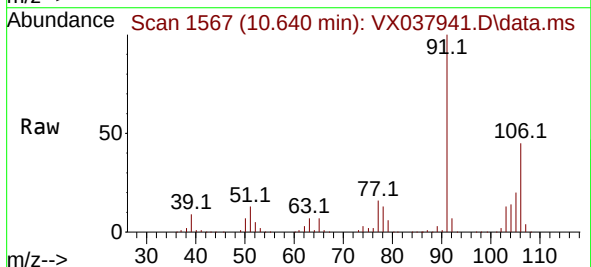
Tgt Ion:106 Resp: 215310
Ion Ratio Lower Upper
106 100
91 203.1 160.5 240.7

Manual Integrations
APPROVED

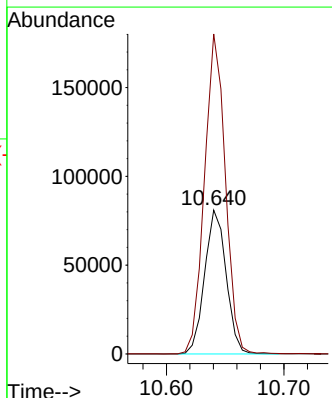
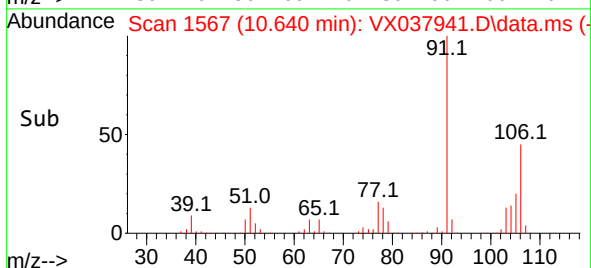
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023

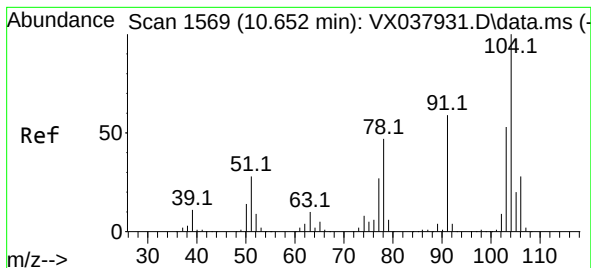


#68
o-Xylene
Concen: 20.236 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53



Tgt Ion:106 Resp: 103148
Ion Ratio Lower Upper
106 100
91 215.4 105.4 316.1





#69

Styrene

Concen: 20.325 ug/l

RT: 10.652 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037941.D

Acq: 28 Sep 2023 10:53

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBSD01

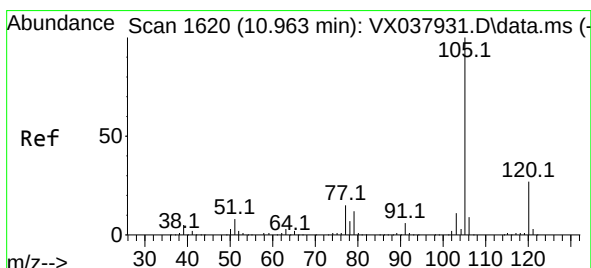
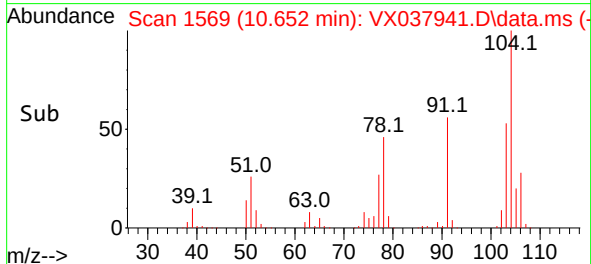
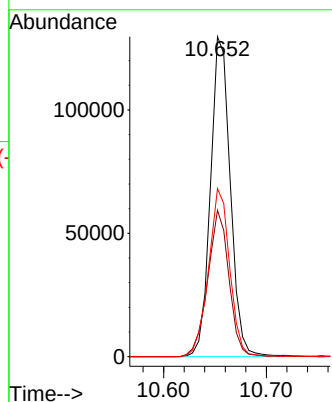
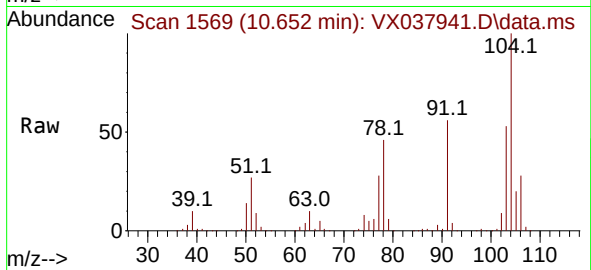
Tgt Ion:104 Resp: 173804
 Ion Ratio Lower Upper
 104 100
 78 49.0 41.0 61.4
 103 56.1 45.5 68.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#70

Isopropylbenzene

Concen: 20.425 ug/l

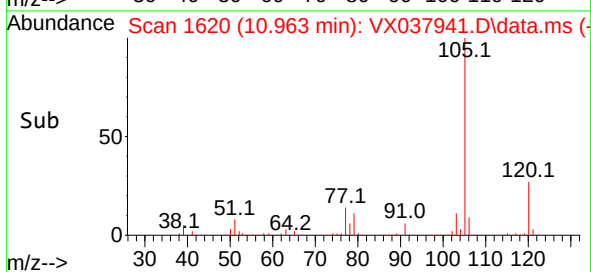
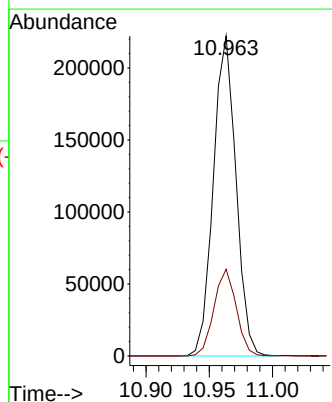
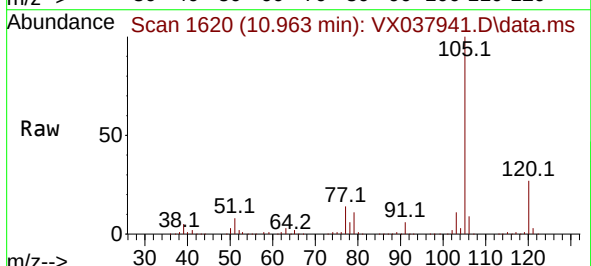
RT: 10.963 min Scan# 1620

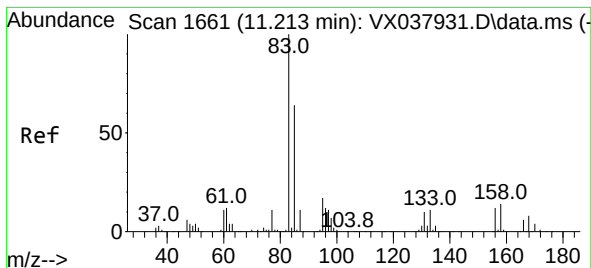
Delta R.T. -0.000 min

Lab File: VX037941.D

Acq: 28 Sep 2023 10:53

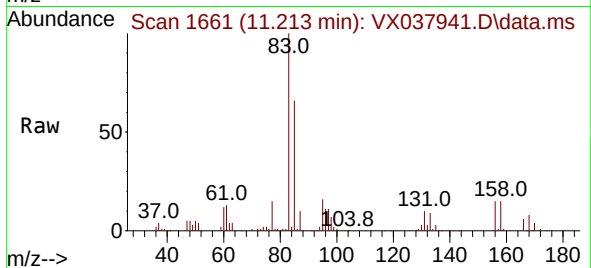
Tgt Ion:105 Resp: 276294
 Ion Ratio Lower Upper
 105 100
 120 26.6 19.5 36.3





#71
1,1,2,2-Tetrachloroethane
Concen: 20.899 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

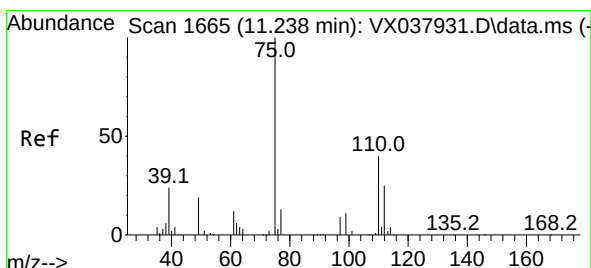
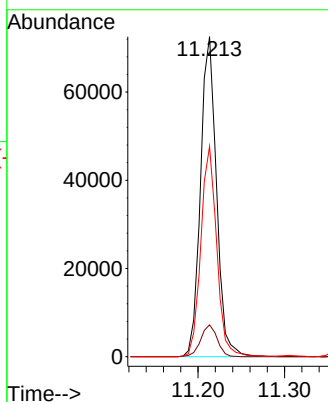
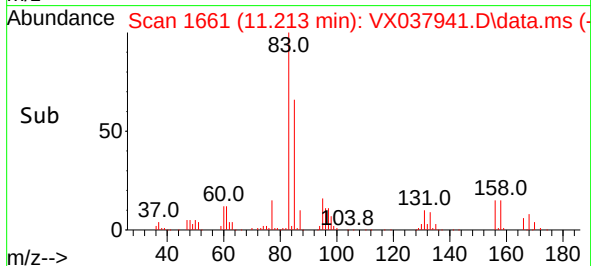
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD01



Tgt Ion: 83 Resp: 93178
Ion Ratio Lower Upper
83 100
131 10.2 5.3 15.8
85 64.3 32.4 97.0

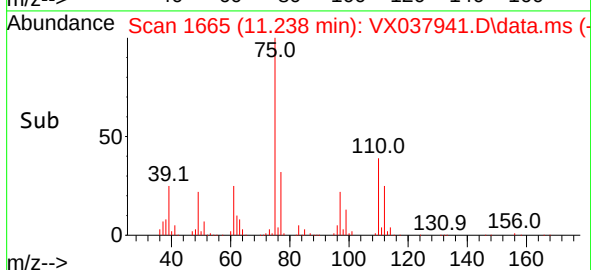
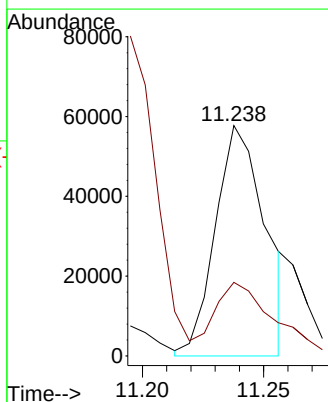
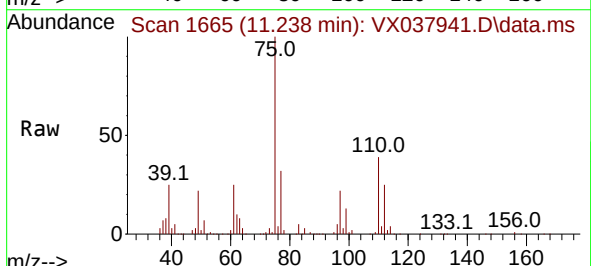
Manual Integrations
APPROVED

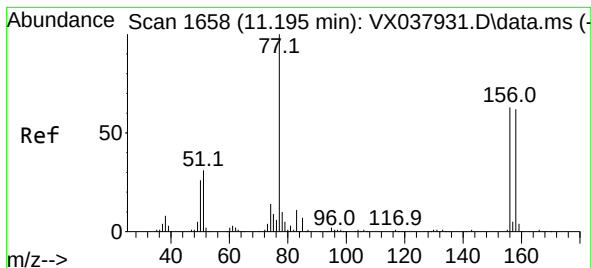
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#72
1,2,3-Trichloropropane
Concen: 20.994 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

Tgt Ion: 75 Resp: 82184
Ion Ratio Lower Upper
75 100
77 38.7 0.0 77.2





#73

Bromobenzene

Concen: 20.587 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX037941.D

Acq: 28 Sep 2023 10:53

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBSD01

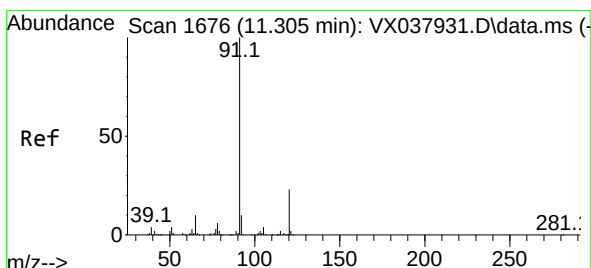
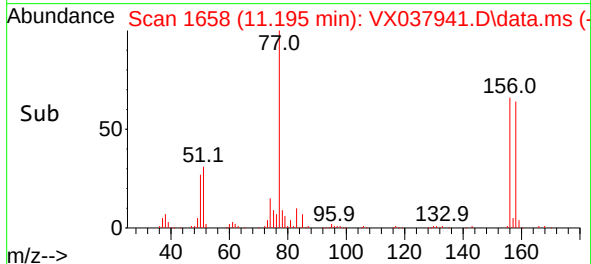
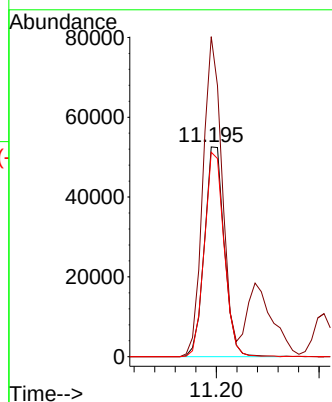
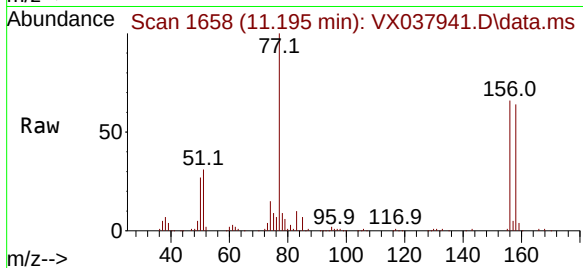
Tgt Ion:	156	Resp:	7063
Ion Ratio	Lower	Upper	
156	100		
77	146.7	0.0	333.0
158	96.8	0.0	196.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#74

n-propylbenzene

Concen: 20.591 ug/l

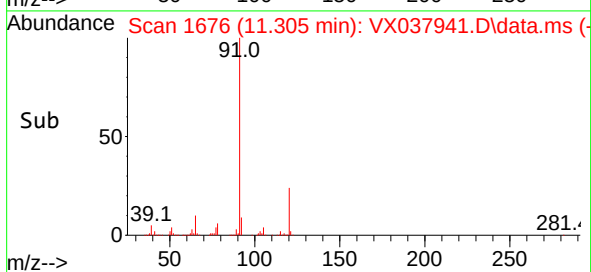
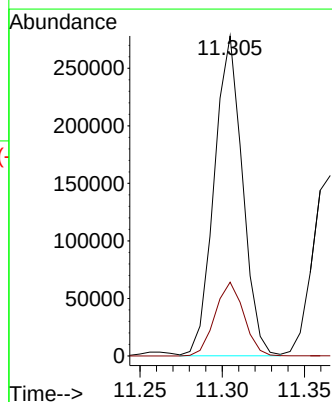
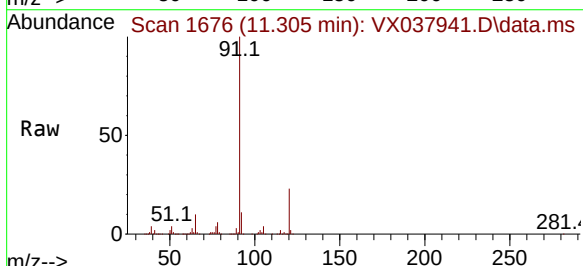
RT: 11.305 min Scan# 1676

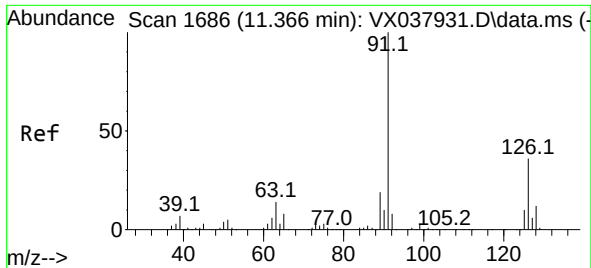
Delta R.T. -0.000 min

Lab File: VX037941.D

Acq: 28 Sep 2023 10:53

Tgt Ion:	91	Resp:	332779
Ion Ratio	Lower	Upper	
91	100		
120	23.4	0.0	46.6





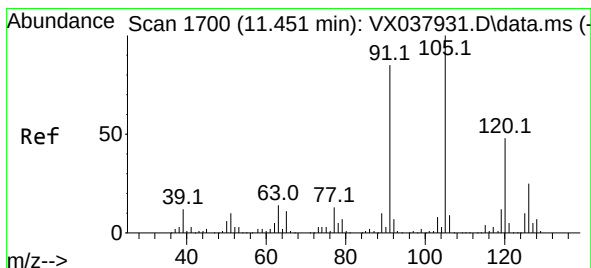
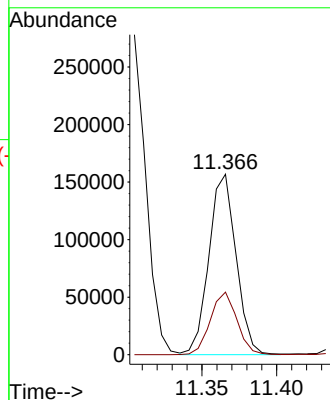
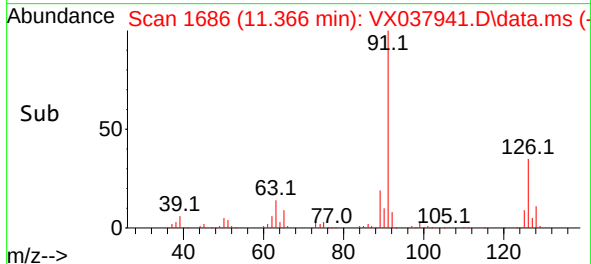
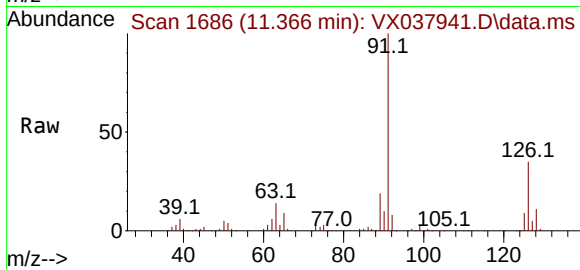
#75
2-Chlorotoluene
Concen: 20.942 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD01

Tgt Ion: 91 Resp: 198144
Ion Ratio Lower Upper
91 100
126 33.9 0.0 66.2

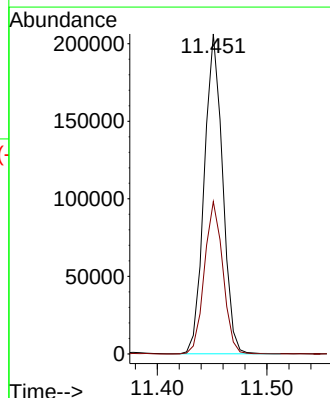
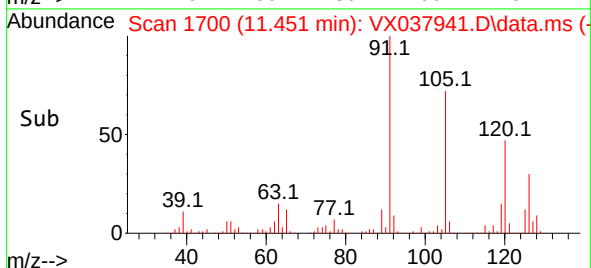
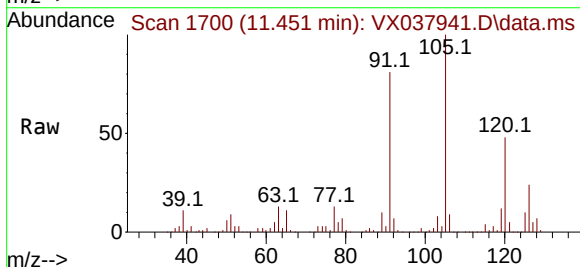
Manual Integrations
APPROVED

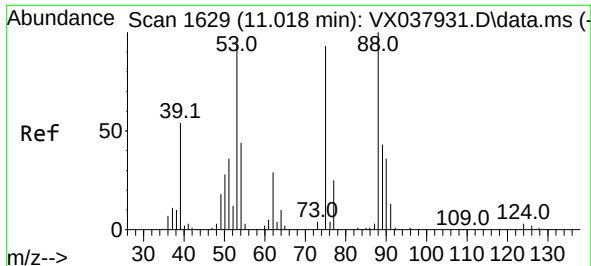
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#76
1,3,5-Trimethylbenzene
Concen: 20.527 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

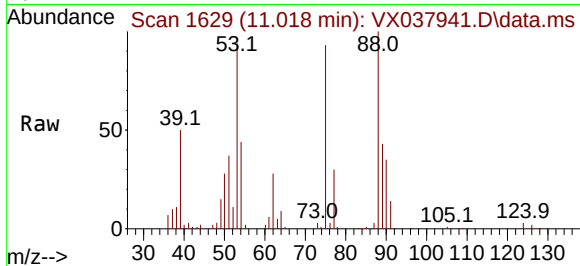
Tgt Ion:105 Resp: 239463
Ion Ratio Lower Upper
105 100
120 48.0 0.0 96.4





#77
t-1,4-Dichloro-2-butene
Concen: 19.568 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

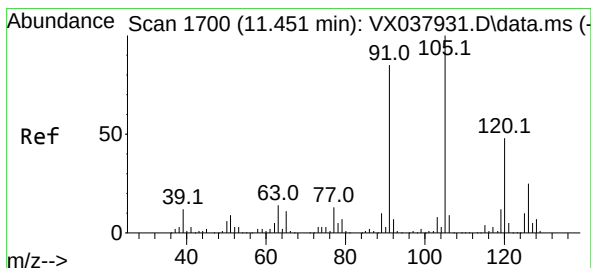
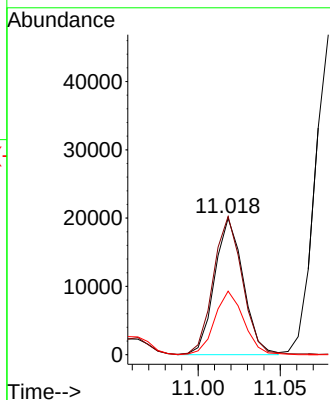
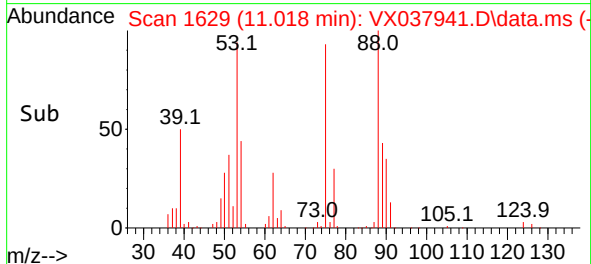
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD01



Tgt Ion: 75 Resp: 24260
Ion Ratio Lower Upper
75 100
53 100.9 53.9 161.7
89 46.5 22.1 66.1

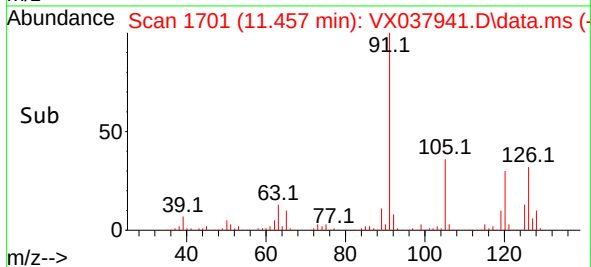
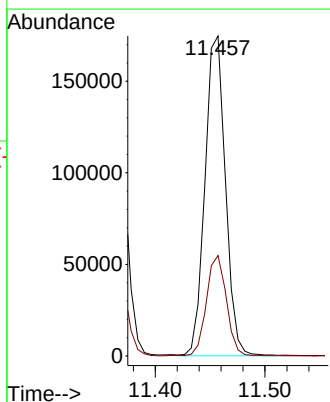
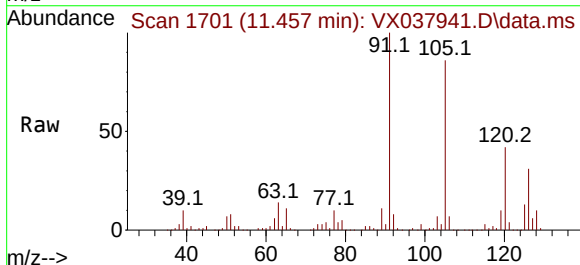
Manual Integrations
APPROVED

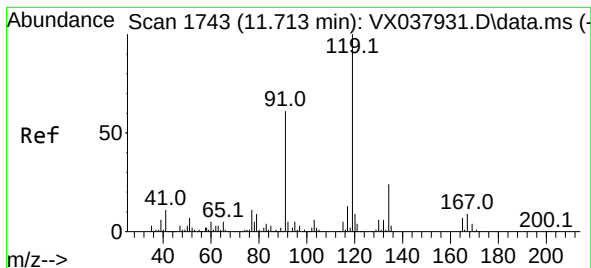
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#78
4-Chlorotoluene
Concen: 20.432 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

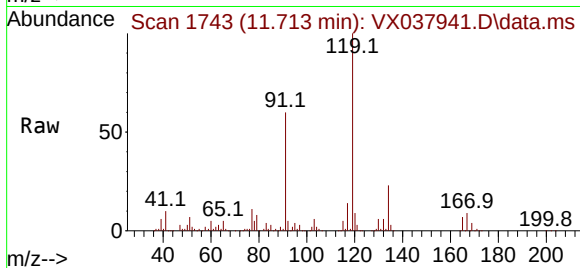
Tgt Ion: 91 Resp: 226780
Ion Ratio Lower Upper
91 100
126 30.6 0.0 59.4





#79
tert-butylbenzene
Concen: 20.566 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

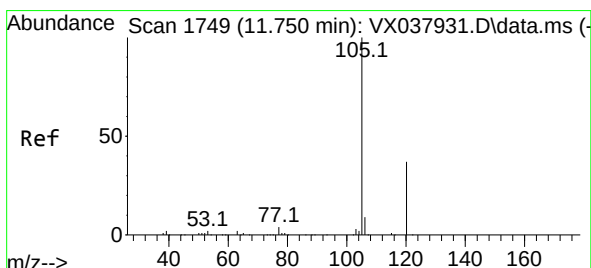
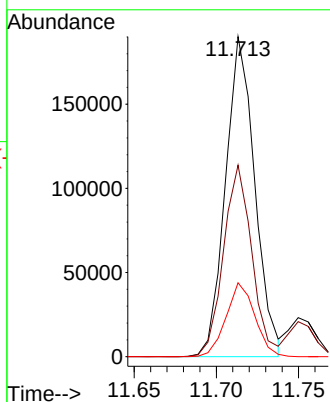
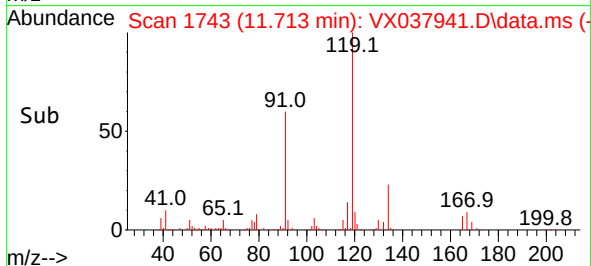
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD01



Tgt Ion:119 Resp: 236132
Ion Ratio Lower Upper
119 100
91 57.9 0.0 124.4
134 22.6 0.0 47.2

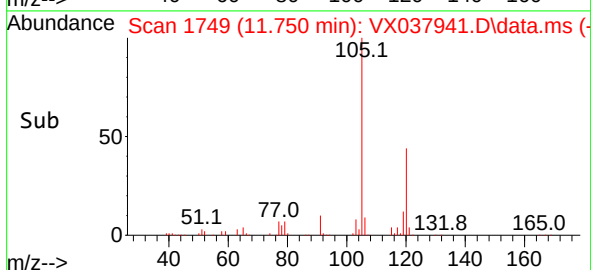
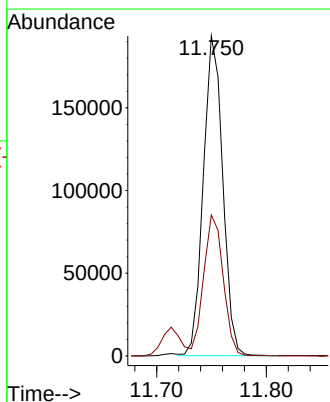
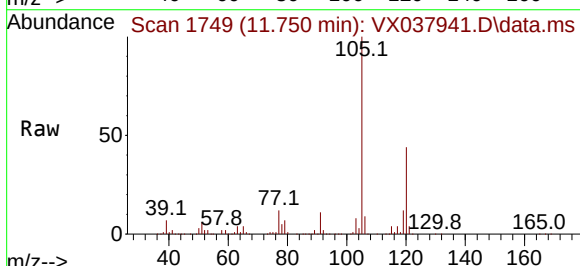
Manual Integrations
APPROVED

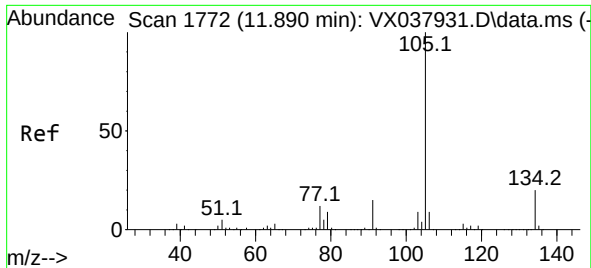
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#80
1,2,4-Trimethylbenzene
Concen: 20.475 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

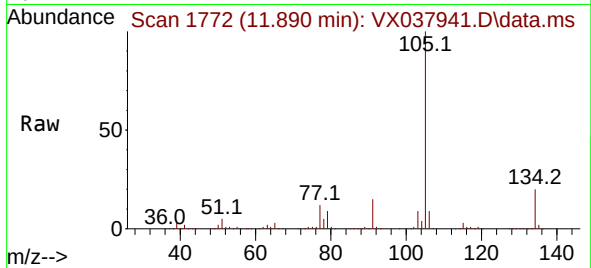
Tgt Ion:105 Resp: 237445
Ion Ratio Lower Upper
105 100
120 44.2 0.0 90.2





#81
 sec-Butylbenzene
 Concen: 20.590 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX037941.D
 Acq: 28 Sep 2023 10:53

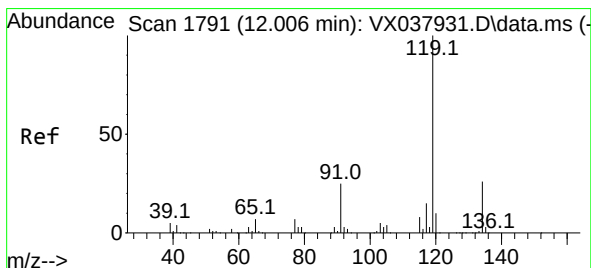
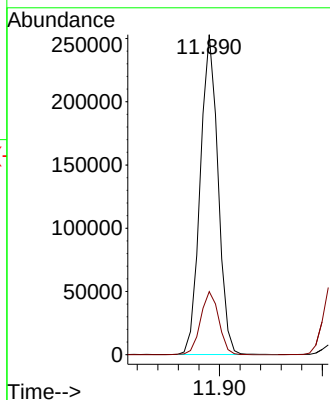
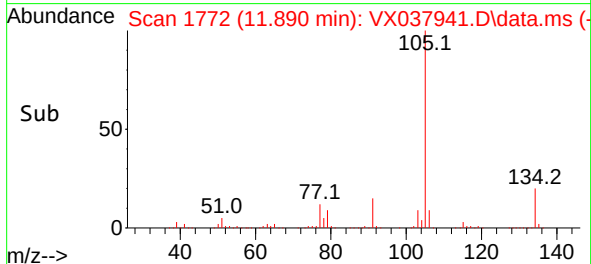
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0928WBSD01



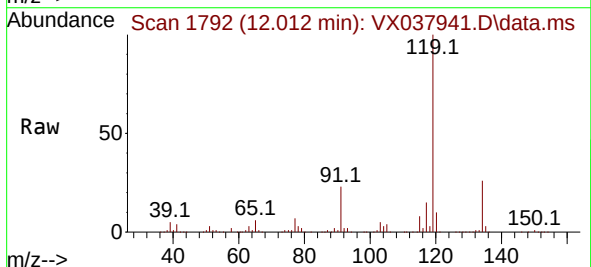
Tgt Ion:105 Resp: 304020
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 41.2

Manual Integrations
 APPROVED

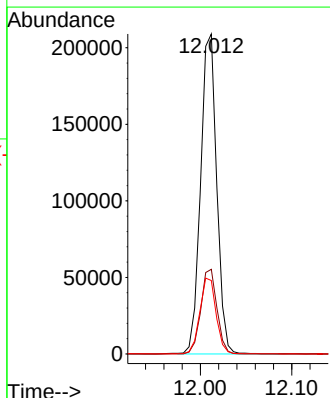
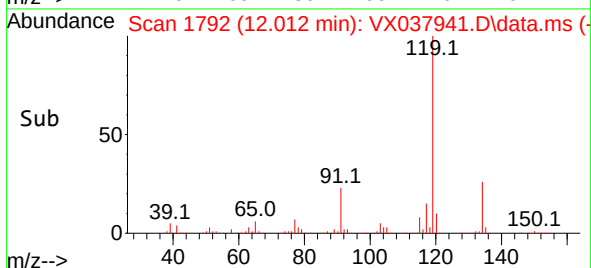
Reviewed By :John Carlone 09/29/2023
 Supervised By :Semsettin Yesilyurt 09/29/2023

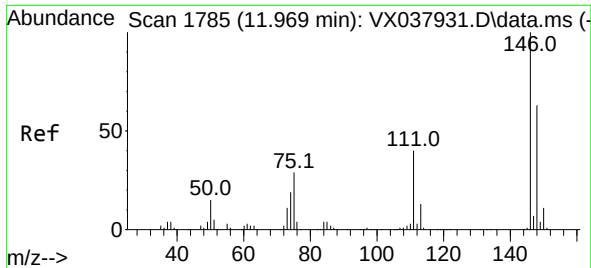


#82
 p-Isopropyltoluene
 Concen: 20.608 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX037941.D
 Acq: 28 Sep 2023 10:53



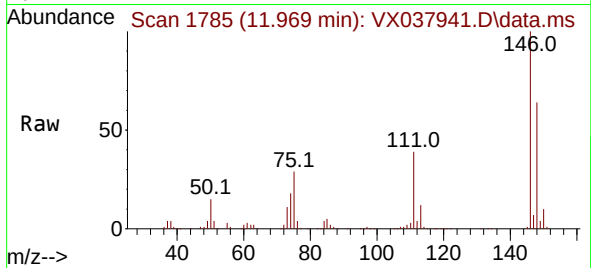
Tgt Ion:119 Resp: 255460
 Ion Ratio Lower Upper
 119 100
 134 26.5 0.0 53.2
 91 23.9 0.0 49.4





#83
1,3-Dichlorobenzene
Concen: 20.764 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

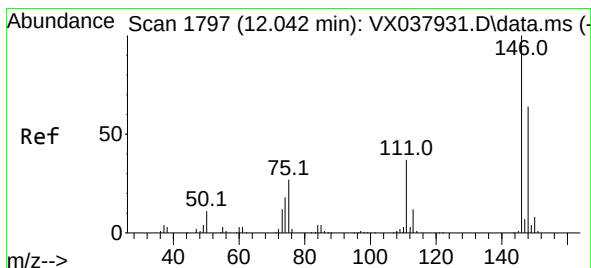
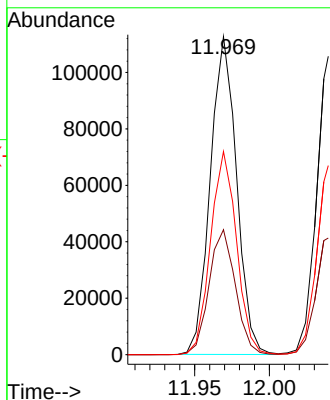
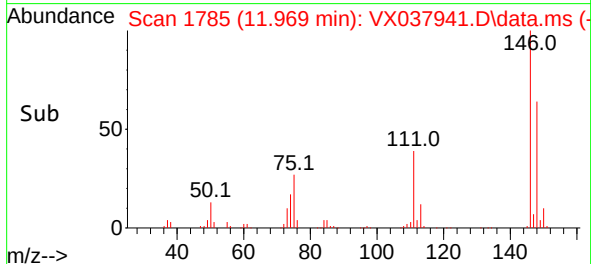
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD01



Tgt Ion:146 Resp: 137650
Ion Ratio Lower Upper
146 100
111 39.4 20.4 61.2
148 63.3 31.6 94.8

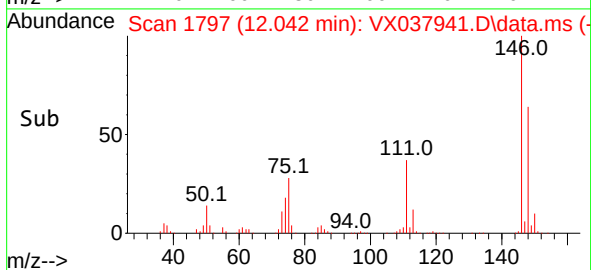
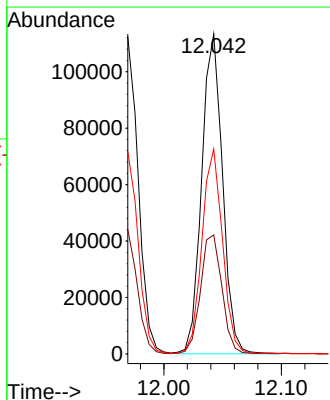
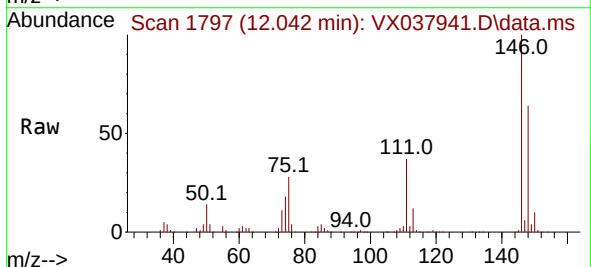
Manual Integrations
APPROVED

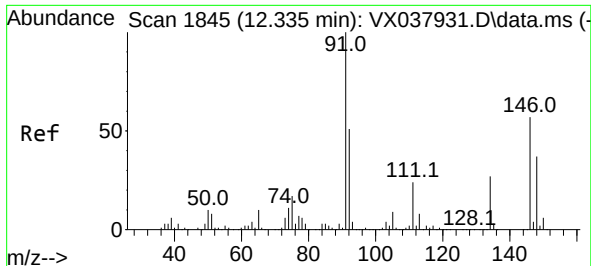
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#84
1,4-Dichlorobenzene
Concen: 20.768 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

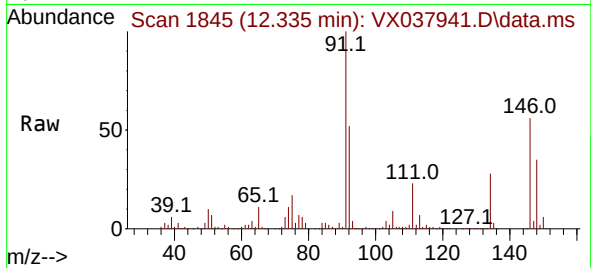
Tgt Ion:146 Resp: 139518
Ion Ratio Lower Upper
146 100
111 38.3 20.2 60.6
148 63.8 32.1 96.3





#85
n-Butylbenzene
Concen: 20.504 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

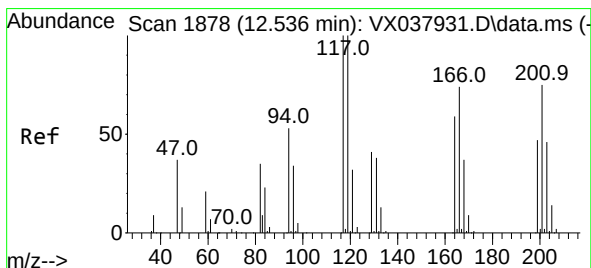
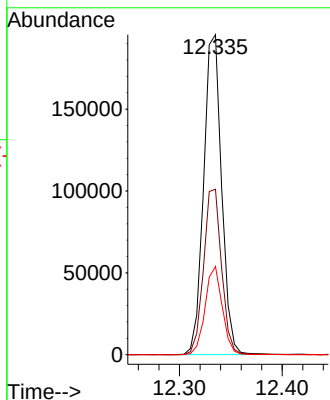
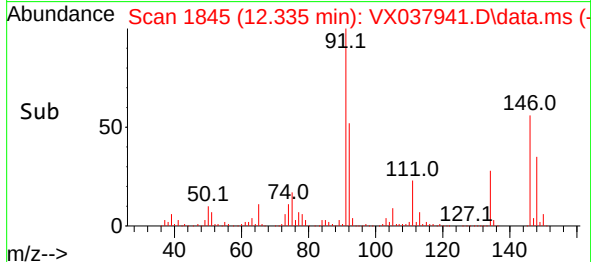
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD01



Tgt Ion: 91 Resp: 237810
Ion Ratio Lower Upper
91 100
92 51.9 0.0 105.2
134 26.3 0.0 51.4

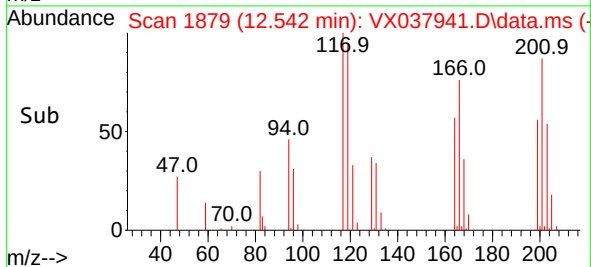
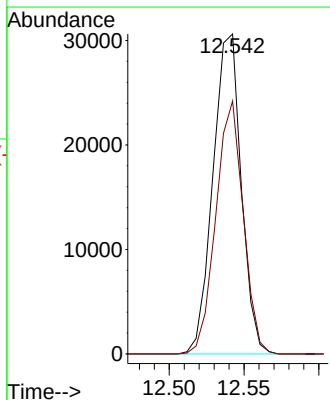
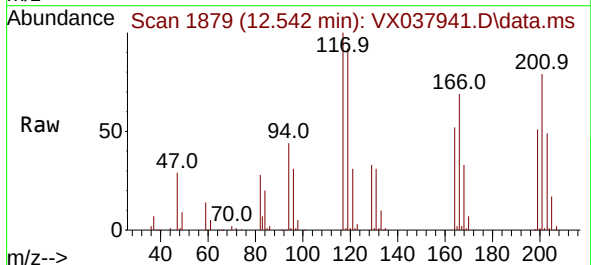
Manual Integrations
APPROVED

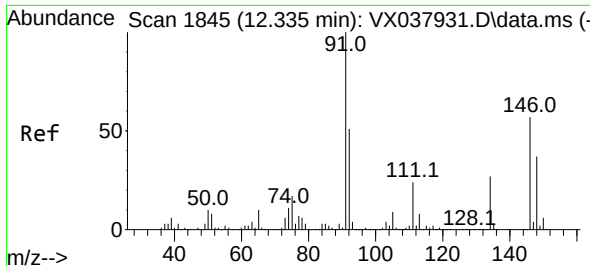
Reviewed By :John Carlone 09/29/2023
Supervised By :Semsettin Yesilyurt 09/29/2023



#86
Hexachloroethane
Concen: 19.937 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

Tgt Ion:117 Resp: 40267
Ion Ratio Lower Upper
117 100
201 76.4 36.0 108.0





#87

1,2-Dichlorobenzene

Concen: 20.570 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX037941.D

Acq: 28 Sep 2023 10:53

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBSD01

Tgt Ion:146 Resp: 13436

Ion Ratio Lower Upper

146 100

111 40.8 21.4 64.3

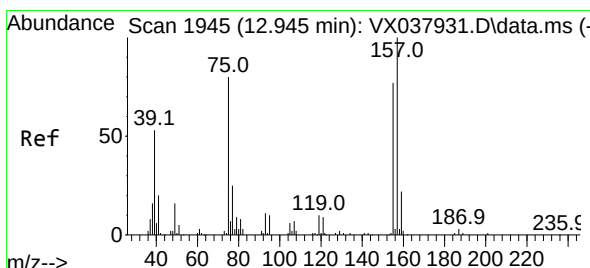
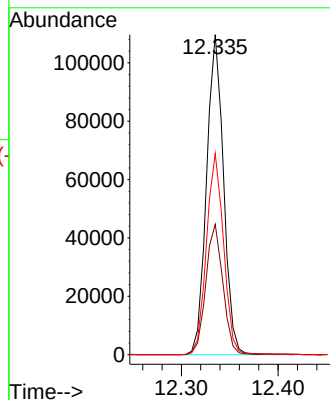
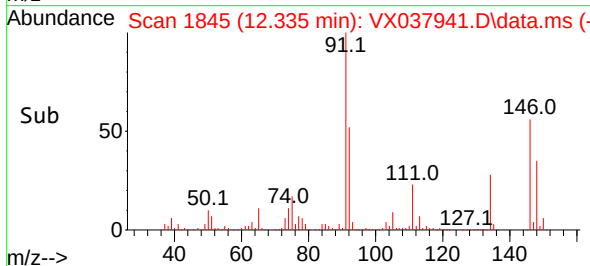
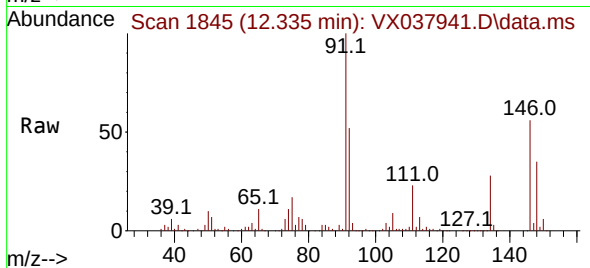
148 63.0 33.2 99.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 21.261 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX037941.D

Acq: 28 Sep 2023 10:53

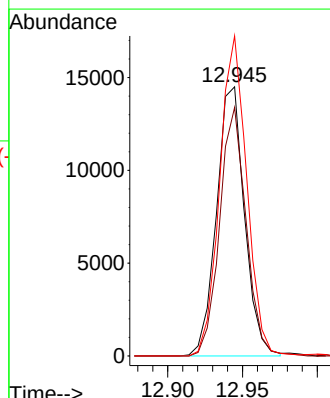
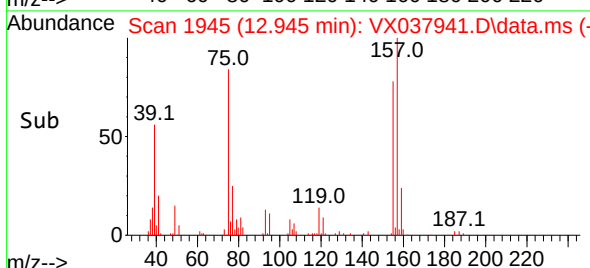
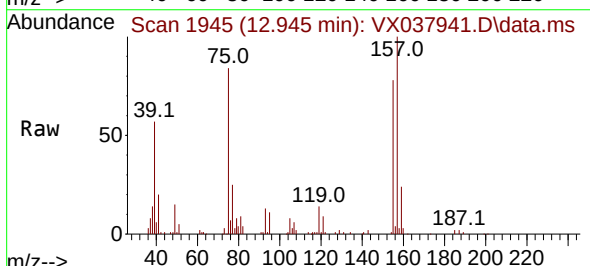
Tgt Ion: 75 Resp: 18880

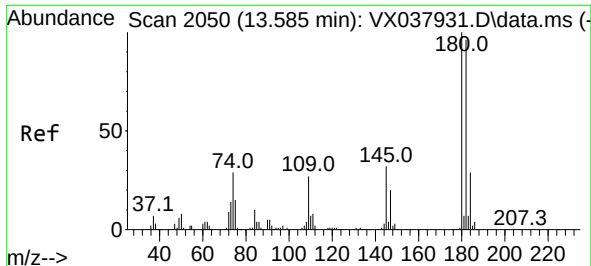
Ion Ratio Lower Upper

75 100

155 87.3 62.7 94.1

157 114.7 81.5 122.3





#89

1,2,4-Trichlorobenzene

Concen: 20.667 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX037941.D

Acq: 28 Sep 2023 10:53

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBSD01

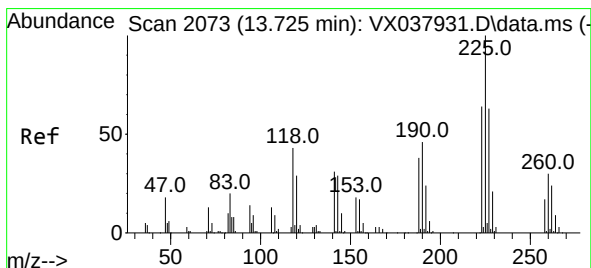
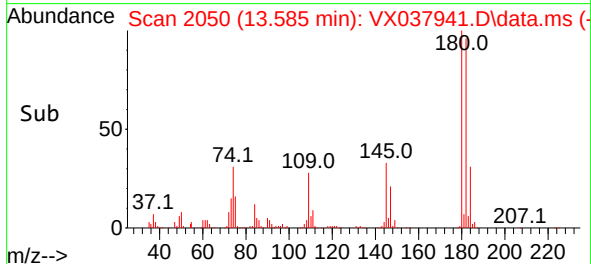
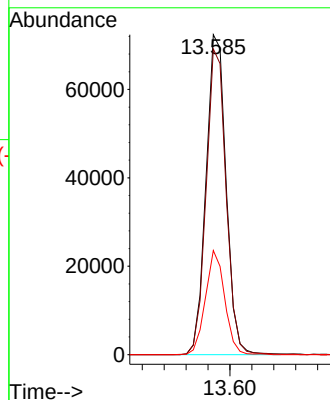
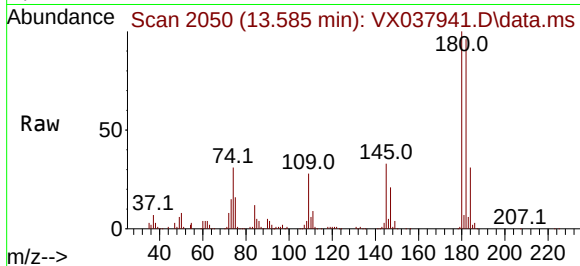
Tgt Ion:180	Resp:	91840
Ion Ratio	Lower	Upper
180	100	
182	95.0	75.6 113.4
145	31.1	25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Semsettin Yesilyurt 09/29/2023



#90

Hexachlorobutadiene

Concen: 21.024 ug/l

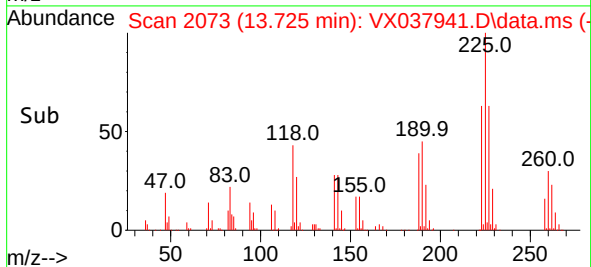
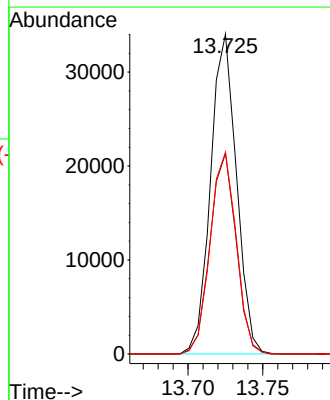
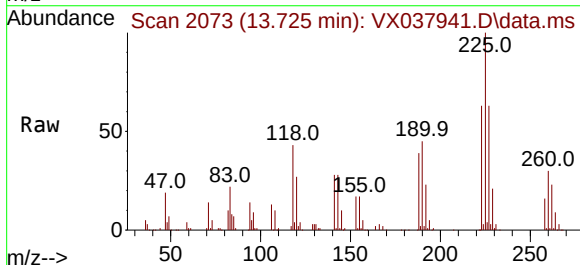
RT: 13.725 min Scan# 2073

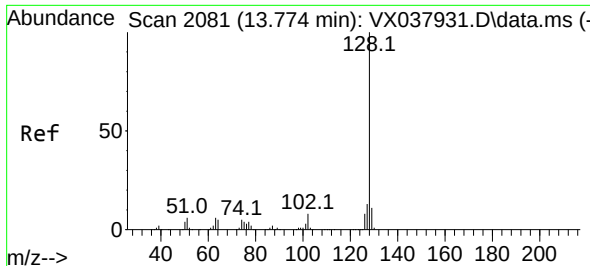
Delta R.T. -0.000 min

Lab File: VX037941.D

Acq: 28 Sep 2023 10:53

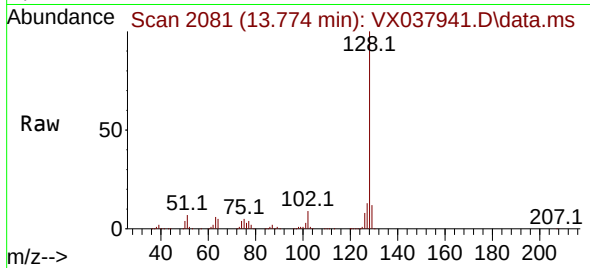
Tgt Ion:225	Resp:	41047
Ion Ratio	Lower	Upper
225	100	
223	63.0	0.0 124.2
227	63.4	0.0 120.4





#91
Naphthalene
Concen: 20.604 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

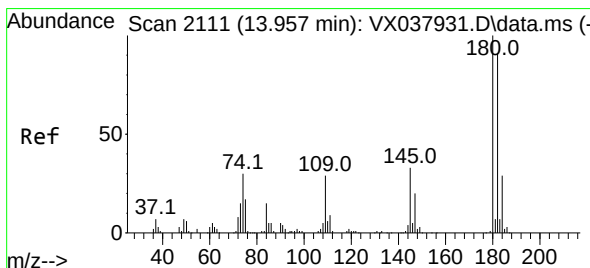
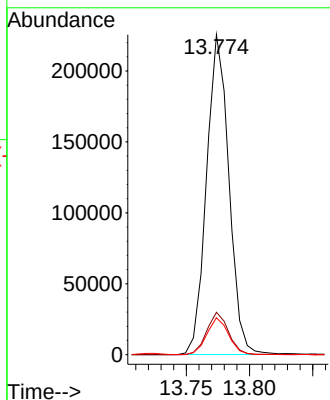
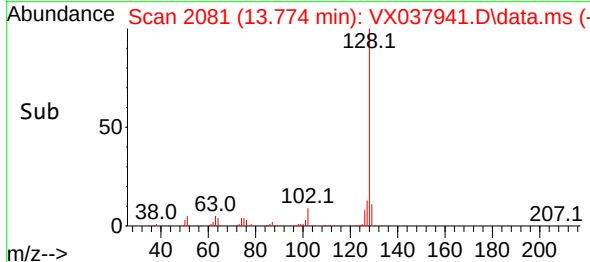
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBSD01



Tgt Ion:128 Resp: 277714
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.3 8.7 13.1

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 20.826 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX037941.D
Acq: 28 Sep 2023 10:53

Tgt Ion:180 Resp: 90108
Ion Ratio Lower Upper
180 100
182 94.6 0.0 190.6
145 32.5 0.0 66.8

