

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111823\
 Data File : VX038942.D
 Acq On : 18 Nov 2023 20:32
 Operator : JC/MD
 Sample : 05404-18MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 20 04:40:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	113766	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	219702	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205405	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	105143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	99865	54.477	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.960%	
35) Dibromofluoromethane	5.385	113	80061	50.456	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.920%	
50) Toluene-d8	8.647	98	292501	48.180	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.360%	
62) 4-Bromofluorobenzene	11.079	95	118660	48.826	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.660%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	68847	51.865	ug/l	100
3) Chloromethane	1.294	50	81410	46.988	ug/l	100
4) Vinyl Chloride	1.374	62	82295	49.310	ug/l	99
5) Bromomethane	1.599	94	43698	63.327	ug/l	99
6) Chloroethane	1.678	64	51681	54.262	ug/l	99
7) Trichlorofluoromethane	1.886	101	112283	53.018	ug/l	98
8) Diethyl Ether	2.136	74	48568	52.653	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	66092	47.058	ug/l	97
10) Methyl Iodide	2.453	142	80105	46.861	ug/l	93
11) Tert butyl alcohol	2.965	59	161226	316.216	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	69733	49.179	ug/l	90
13) Acrolein	2.233	56	82163	304.592	ug/l	99
14) Allyl chloride	2.660	41	142037	50.032	ug/l	93
15) Acrylonitrile	3.062	53	299655	278.145	ug/l	99
16) Acetone	2.380	43	261781	268.255	ug/l #	89
17) Carbon Disulfide	2.508	76	185415	42.214	ug/l	100
18) Methyl Acetate	2.703	43	245074	52.872	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	268741	53.886	ug/l	100
20) Methylene Chloride	2.788	84	84181	47.853	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	75730	48.403	ug/l	95
22) Diisopropyl ether	3.757	45	274148	52.639	ug/l	92
23) Vinyl Acetate	3.721	43	915244	244.007	ug/l	99
24) 1,1-Dichloroethane	3.605	63	150915	51.817	ug/l	99
25) 2-Butanone	4.550	43	442095	279.365	ug/l	98
26) 2,2-Dichloropropane	4.471	77	105273	41.671	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	92864	50.920	ug/l	94
28) Bromochloromethane	4.891	49	64579	46.184	ug/l	98
29) Tetrahydrofuran	5.001	42	289791	288.408	ug/l	98
30) Chloroform	5.092	83	150002	52.745	ug/l	97
31) Cyclohexane	5.470	56	123001	46.995	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	130748	53.079	ug/l	99
36) 1,1-Dichloropropene	5.690	75	108059	47.516	ug/l	99
37) Ethyl Acetate	4.715	43	147286	49.710	ug/l	99
38) Carbon Tetrachloride	5.678	117	108533	51.637	ug/l	98
39) Methylcyclohexane	7.379	83	125127	42.181	ug/l	97
40) Benzene	6.037	78	329829	49.036	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	83564	54.379	ug/l	95
42) 1,2-Dichloroethane	6.086	62	120288	53.976	ug/l	97
43) Isopropyl Acetate	6.336	43	237506	50.158	ug/l	98
44) Trichloroethene	7.123	130	131026	80.029	ug/l	98
45) 1,2-Dichloropropane	7.427	63	89884	49.657	ug/l	98
46) Dibromomethane	7.580	93	62065	51.416	ug/l	99
47) Bromodichloromethane	7.818	83	122147	50.983	ug/l	98
48) Methyl methacrylate	7.690	41	115017	50.063	ug/l	94
49) 1,4-Dioxane	7.659	88	55565	1250.143	ug/l #	93
51) 4-Methyl-2-Pentanone	8.574	43	828354	273.744	ug/l	100
52) Toluene	8.720	92	205133	49.145	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	136788	48.044	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	142043	48.299	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	88043	50.552	ug/l	94
56) Ethyl methacrylate	9.116	69	149785	50.830	ug/l	97
57) 1,3-Dichloropropane	9.305	76	146904	51.002	ug/l	100
59) 2-Hexanone	9.427	43	663758	273.666	ug/l	97
60) Dibromochloromethane	9.519	129	91543	51.694	ug/l	100
61) 1,2-Dibromoethane	9.610	107	92856	50.809	ug/l	100
64) Tetrachloroethene	9.275	164	62501	48.953	ug/l	96
65) Chlorobenzene	10.079	112	216201	48.863	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	80296	50.449	ug/l	97
67) Ethyl Benzene	10.195	91	401842	49.432	ug/l	98
68) m/p-Xylenes	10.299	106	302939	98.514	ug/l	100
69) o-Xylene	10.640	106	150214	49.367	ug/l	99
70) Styrene	10.652	104	253008	49.235	ug/l	99
71) Bromoform	10.799	173	67356	50.764	ug/l #	99
73) Isopropylbenzene	10.963	105	386727	47.207	ug/l	99
74) N-amyl acetate	10.841	43	197661	45.644	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	155147	48.515	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	178261	67.953	ug/l	90
77) Bromobenzene	11.195	156	87839	47.719	ug/l	98
78) n-propylbenzene	11.305	91	477371	47.341	ug/l	99
79) 2-Chlorotoluene	11.366	91	278938	46.612	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	333131	48.363	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	50750	42.911	ug/l #	83
82) 4-Chlorotoluene	11.451	91	328260	47.573	ug/l	100
83) tert-Butylbenzene	11.713	119	324802	47.879	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	336047	48.201	ug/l	99
85) sec-Butylbenzene	11.890	105	416636	46.953	ug/l	99
86) p-Isopropyltoluene	12.006	119	333528	46.823	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	170540	47.312	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	172300	46.703	ug/l	98
89) n-Butylbenzene	12.329	91	324059	45.091	ug/l	97
90) Hexachloroethane	12.536	117	67946	47.766	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	168052	49.154	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	39870	50.887	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	104893	45.784	ug/l	98
94) Hexachlorobutadiene	13.725	225	34995	43.133	ug/l	99
95) Naphthalene	13.774	128	406195	47.604	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	102485	47.189	ug/l	99

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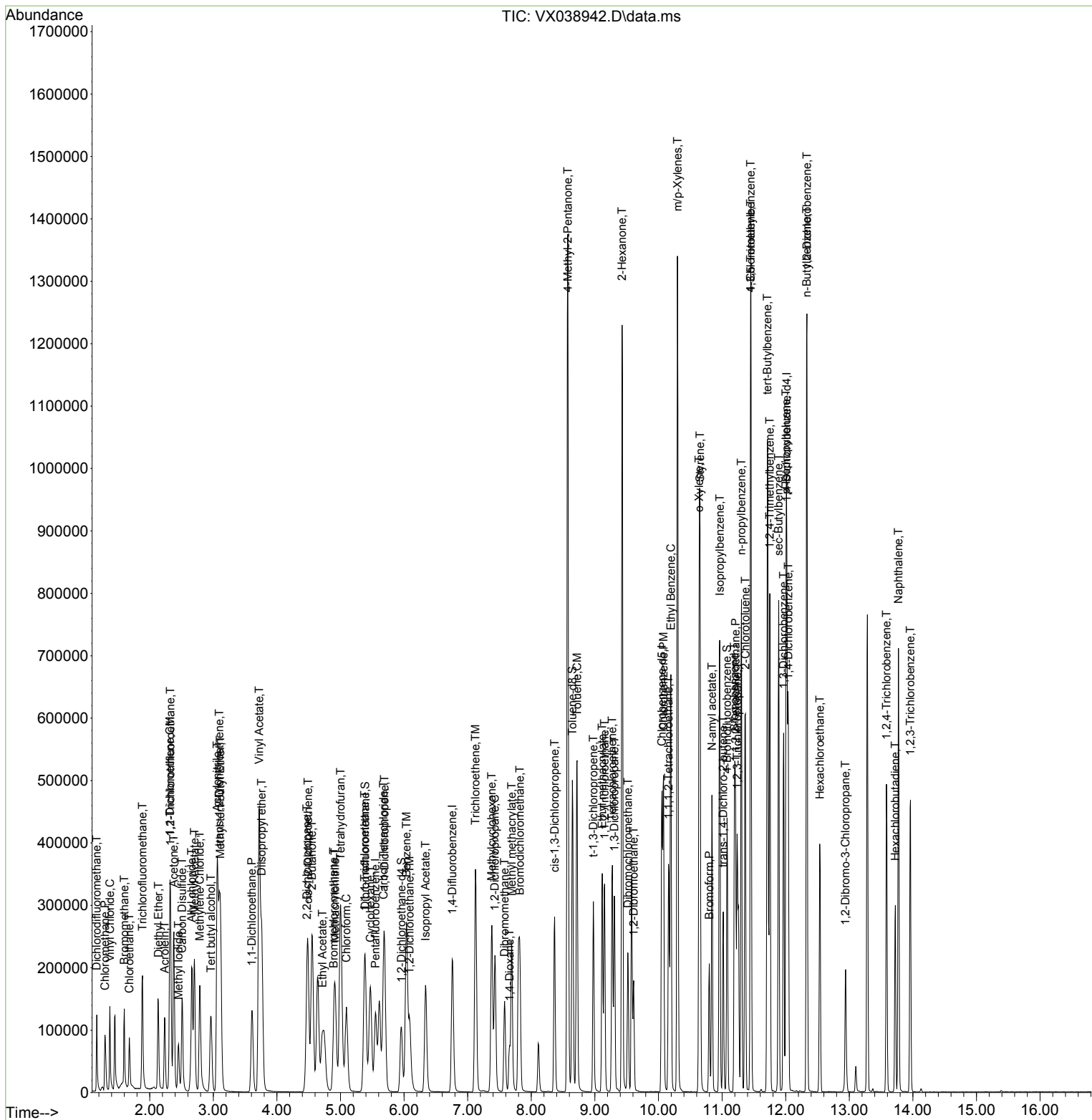
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MSVOA_X
ClientSampleId :

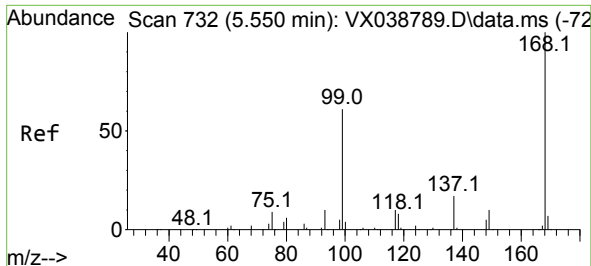
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

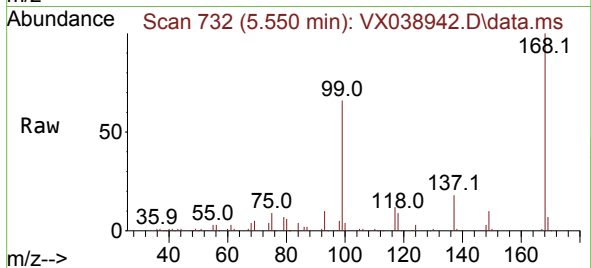
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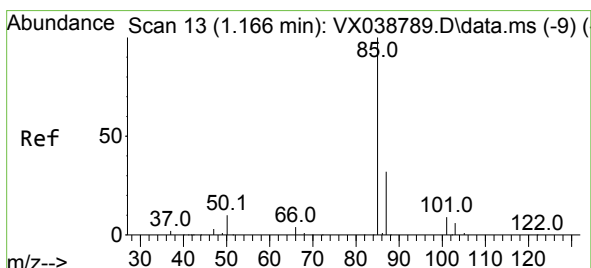
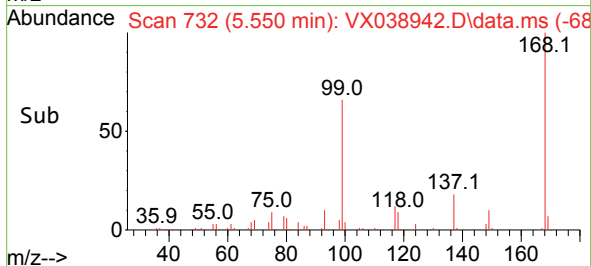
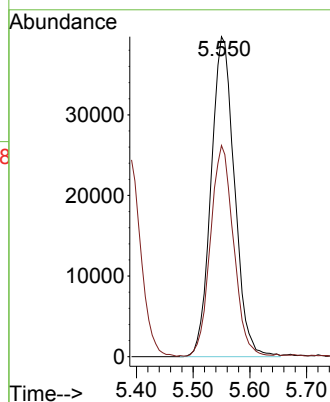


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038942.D
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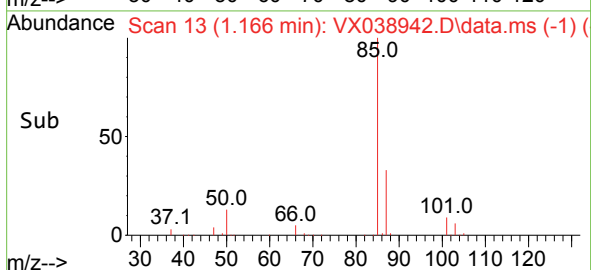
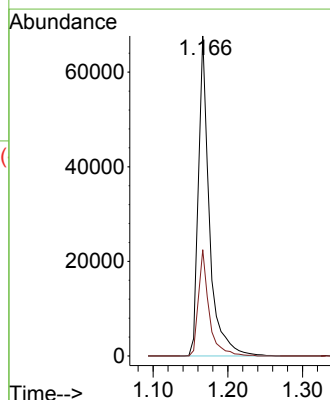
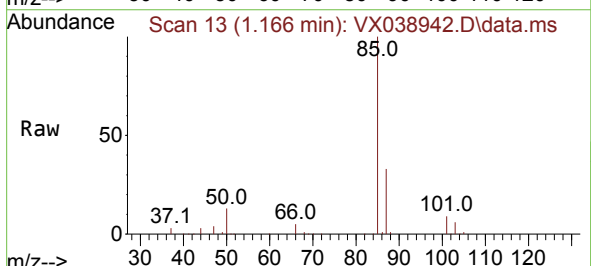


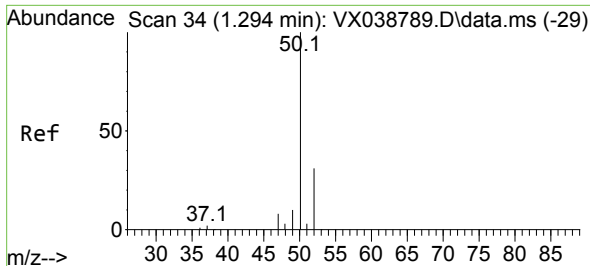
Tgt Ion:168 Resp: 113766
Ion Ratio Lower Upper
168 100
99 65.6 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 51.865 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038942.D
Acq: 18 Nov 2023 20:32

Tgt Ion: 85 Resp: 68847
Ion Ratio Lower Upper
85 100
87 33.2 16.7 50.1

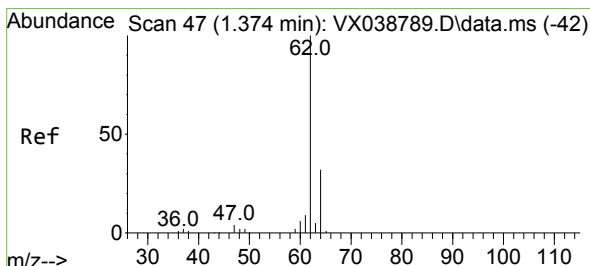
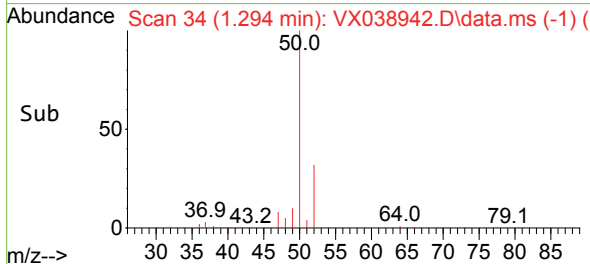
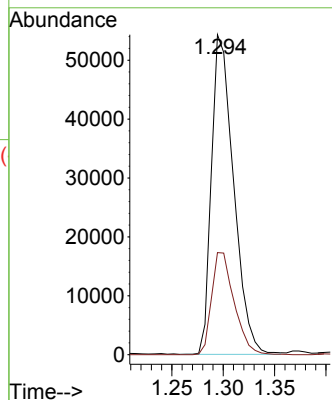
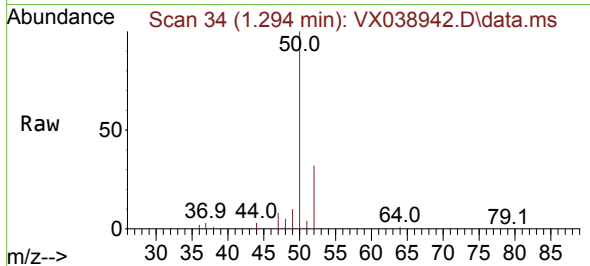




#3
Chloromethane
Concen: 46.988 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX038942.D
Acq: 18 Nov 2023 20:32

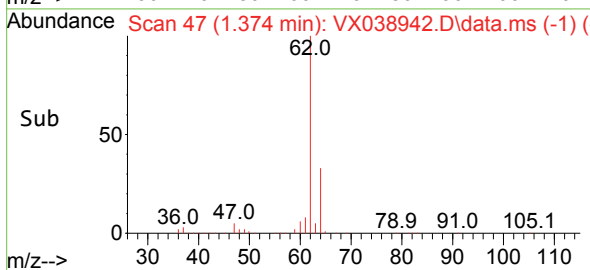
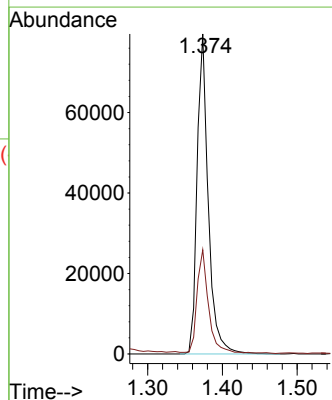
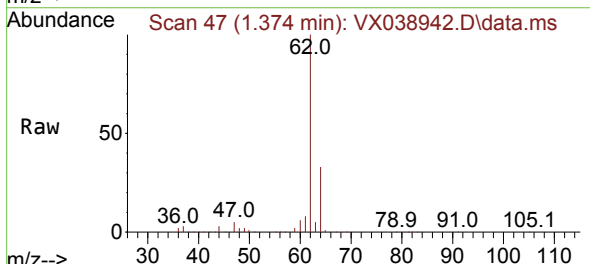
Instrument :
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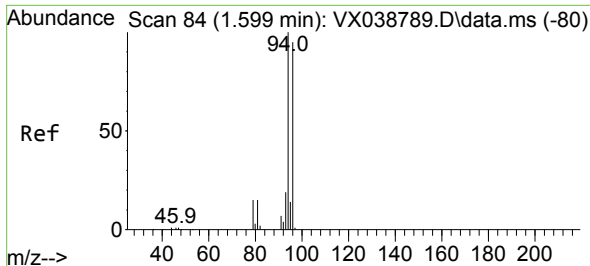
Tgt Ion: 50 Resp: 81410
Ion Ratio Lower Upper
50 100
52 31.9 25.5 38.3



#4
Vinyl Chloride
Concen: 49.310 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038942.D
Acq: 18 Nov 2023 20:32

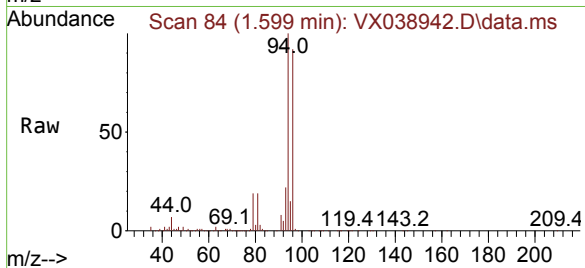
Tgt Ion: 62 Resp: 82295
Ion Ratio Lower Upper
62 100
64 32.3 25.4 38.0



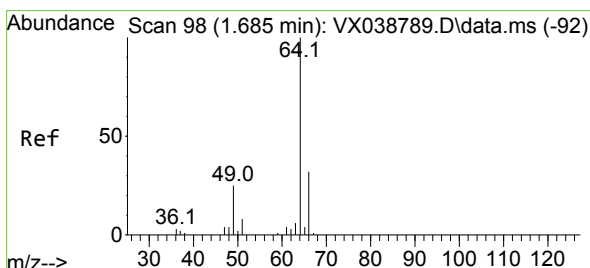
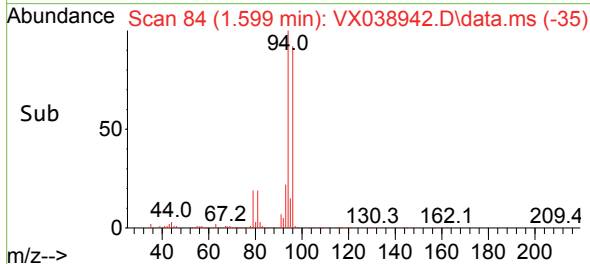
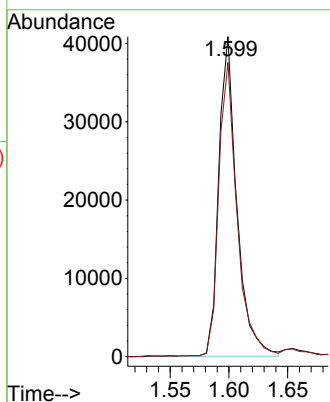


#5
Bromomethane
Concen: 63.327 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038942.D
Acq: 18 Nov 2023 20:32

Instrument :
MSVOA_X
ClientSampleId :

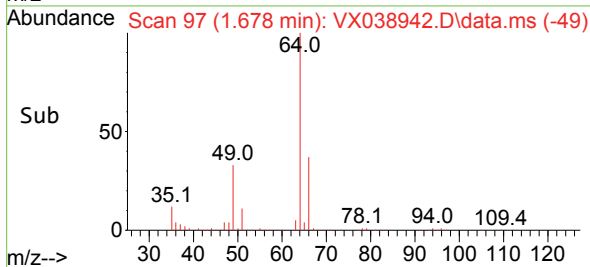
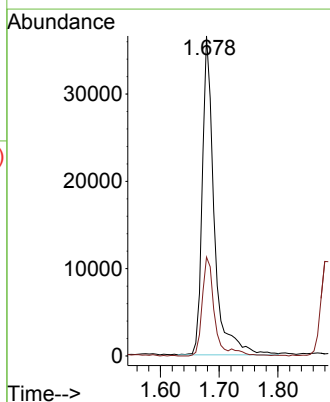
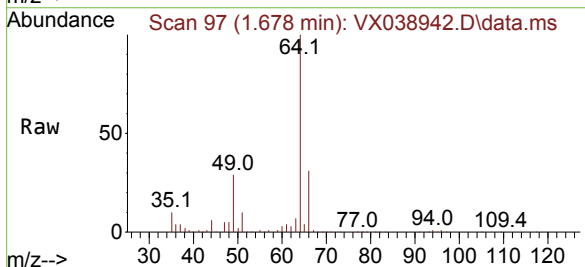


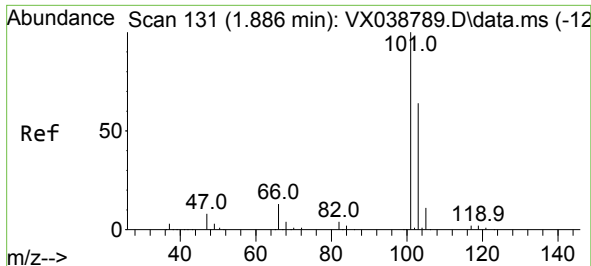
Tgt Ion: 94 Resp: 43698
Ion Ratio Lower Upper
94 100
96 91.9 74.6 111.8



#6
Chloroethane
Concen: 54.262 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.007 min
Lab File: VX038942.D
Acq: 18 Nov 2023 20:32

Tgt Ion: 64 Resp: 51681
Ion Ratio Lower Upper
64 100
66 31.0 25.1 37.7

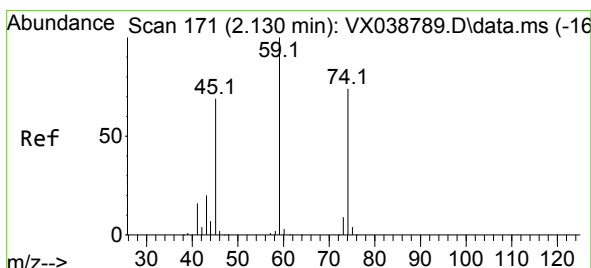
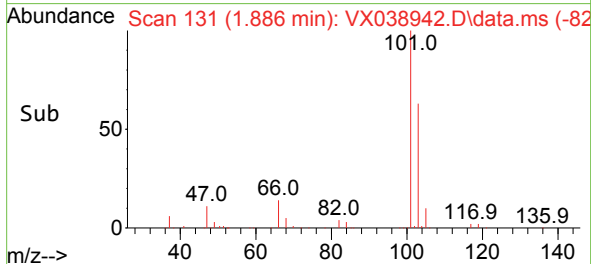
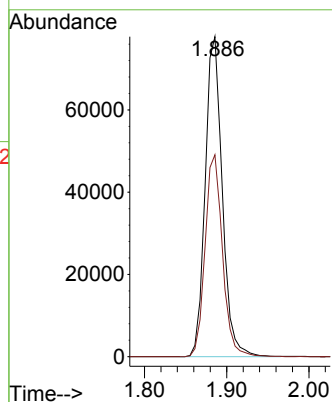
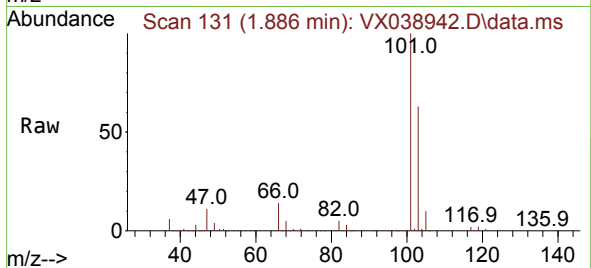




#7
 Trichlorofluoromethane
 Concen: 53.018 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038942.D
 Acq: 18 Nov 2023 20:32

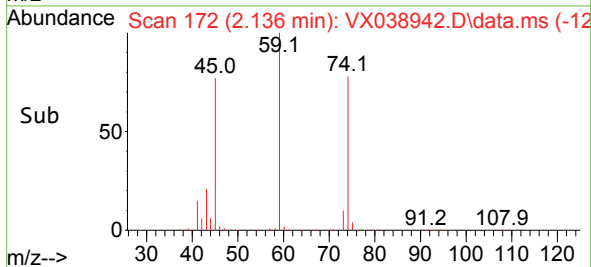
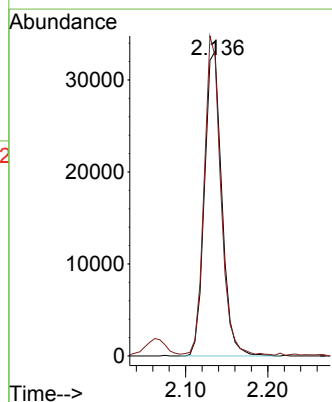
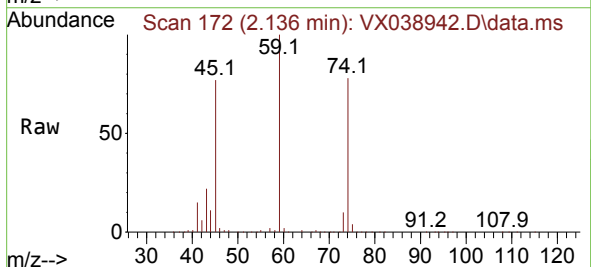
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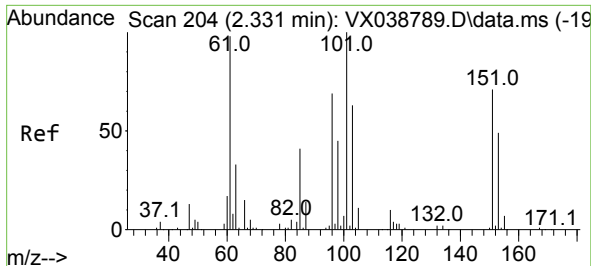
Tgt Ion:101 Resp: 112283
 Ion Ratio Lower Upper
 101 100
 103 63.1 51.4 77.2



#8
 Diethyl Ether
 Concen: 52.653 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.006 min
 Lab File: VX038942.D
 Acq: 18 Nov 2023 20:32

Tgt Ion: 74 Resp: 48568
 Ion Ratio Lower Upper
 74 100
 45 100.8 53.3 159.8

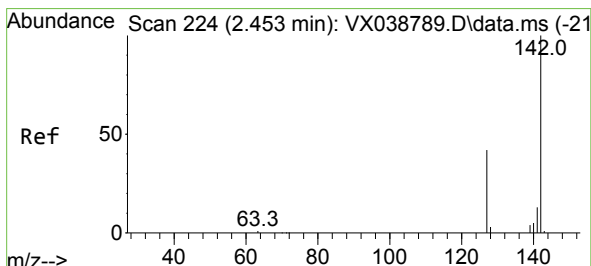
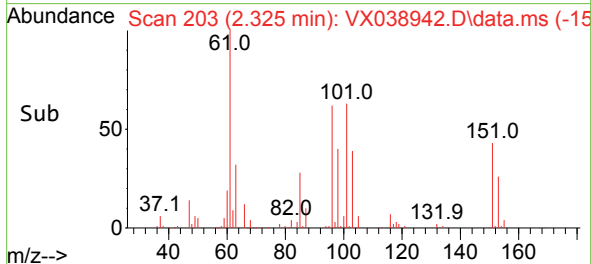
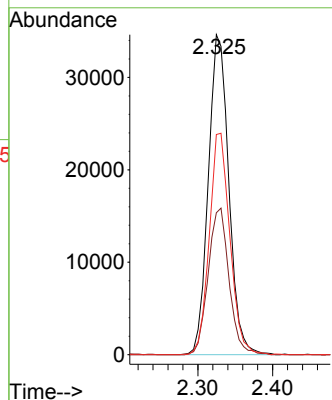
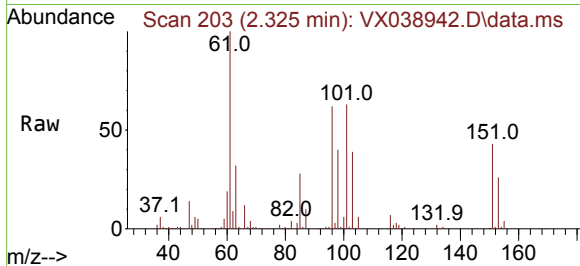




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.058 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
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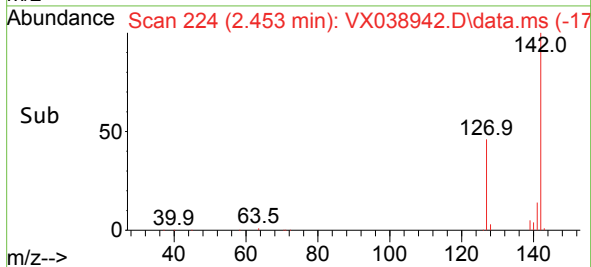
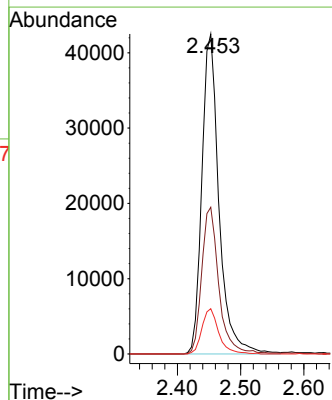
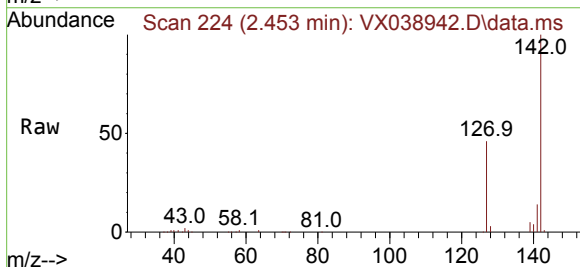
Instrument :
MSVOA_X
ClientSampleId :

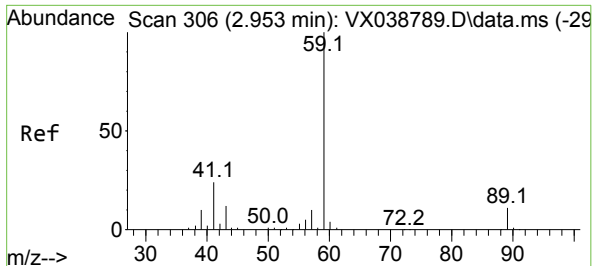
Tgt Ion:101 Resp: 66092
Ion Ratio Lower Upper
101 100
85 46.6 37.0 55.6
151 69.6 58.6 87.8



#10
Methyl Iodide
Concen: 46.861 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX038942.D
Acq: 18 Nov 2023 20:32

Tgt Ion:142 Resp: 80105
Ion Ratio Lower Upper
142 100
127 46.0 41.6 62.4
141 14.0 11.6 17.4

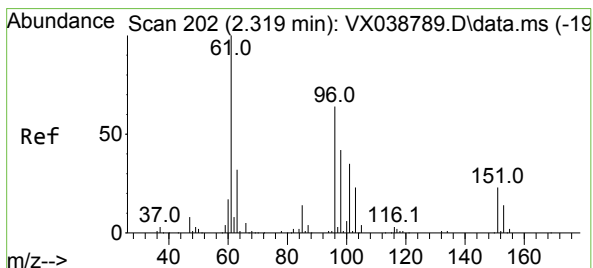
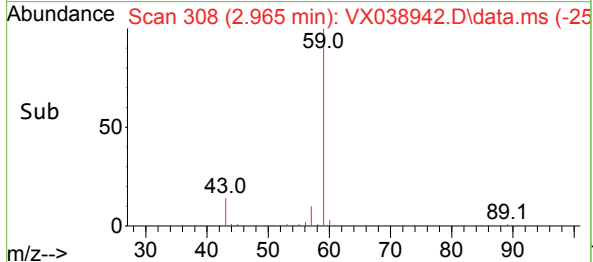
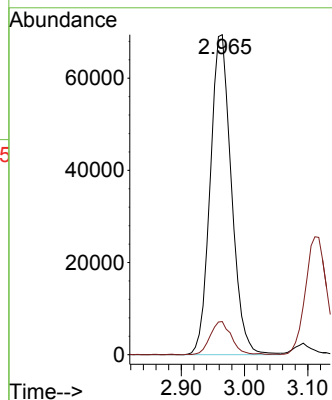
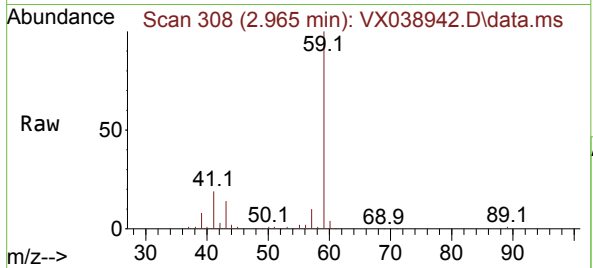




#11
Tert butyl alcohol
Concen: 316.216 ug/l
RT: 2.965 min Scan# 306
Delta R.T. 0.012 min
Lab File: VX038942.D
Acq: 18 Nov 2023 20:32

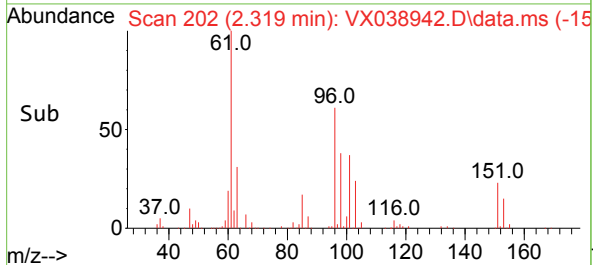
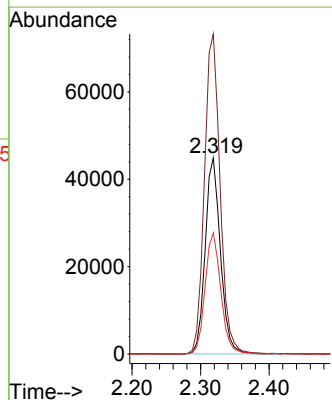
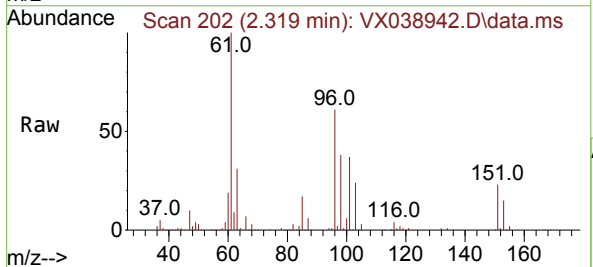
Instrument :
MSVOA_X
ClientSampleId :

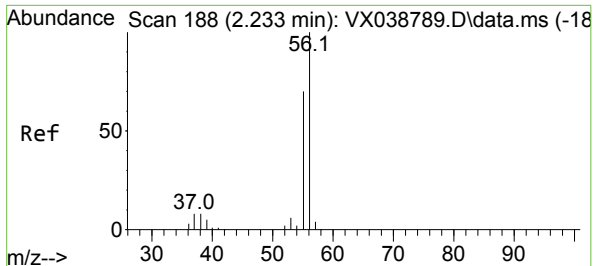
Tgt Ion: 59 Resp: 161226
Ion Ratio Lower Upper
59 100
57 10.5 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 49.179 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX038942.D
Acq: 18 Nov 2023 20:32

Tgt Ion: 96 Resp: 69733
Ion Ratio Lower Upper
96 100
61 163.3 144.6 216.8
98 61.8 50.4 75.6

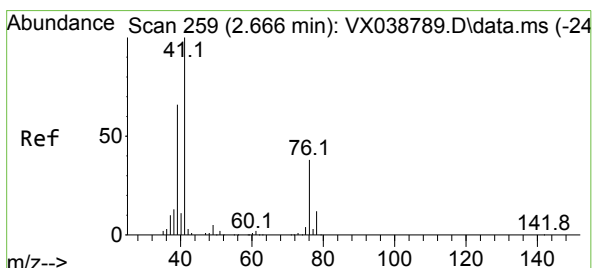
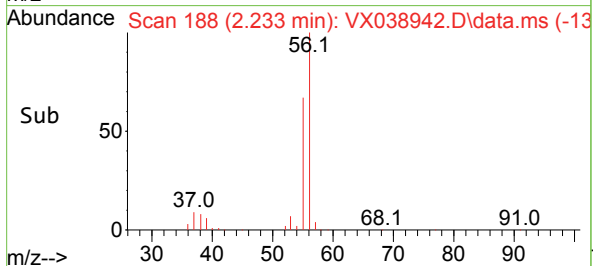
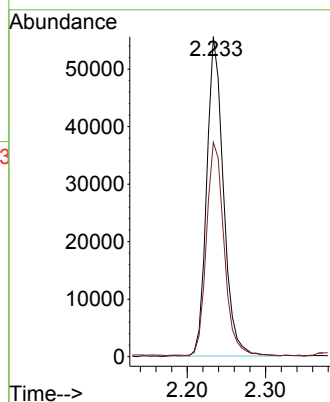
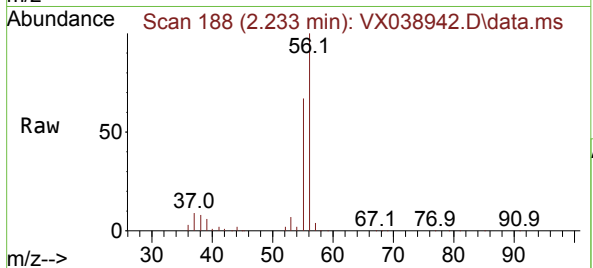




#13
Acrolein
Concen: 304.592 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038942.D
Acq: 18 Nov 2023 20:32

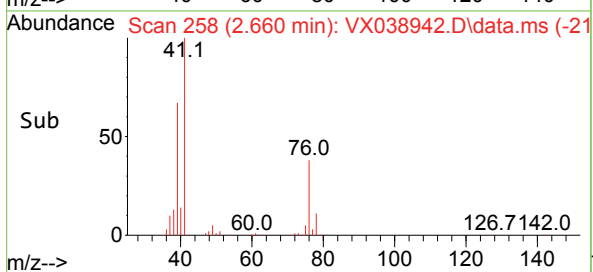
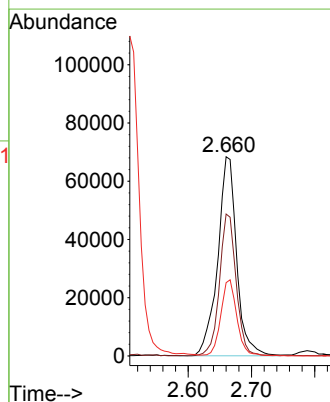
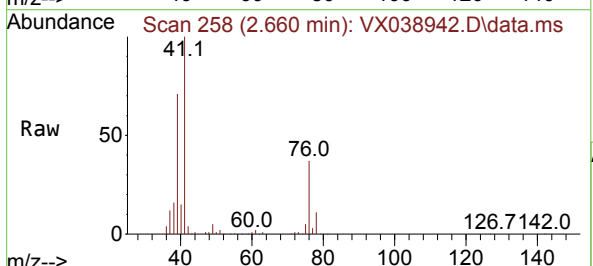
Instrument :
MSVOA_X
ClientSampleId :

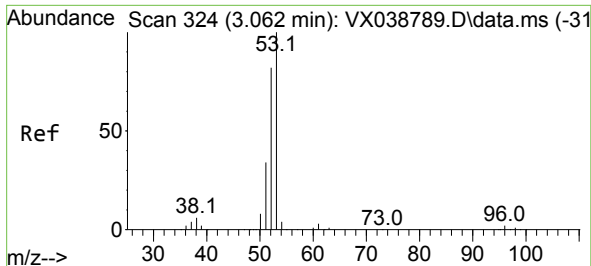
Tgt Ion: 56 Resp: 82163
Ion Ratio Lower Upper
56 100
55 70.6 57.1 85.7



#14
Allyl chloride
Concen: 50.032 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX038942.D
Acq: 18 Nov 2023 20:32

Tgt Ion: 41 Resp: 142037
Ion Ratio Lower Upper
41 100
39 62.8 55.8 83.6
76 32.4 24.3 36.5

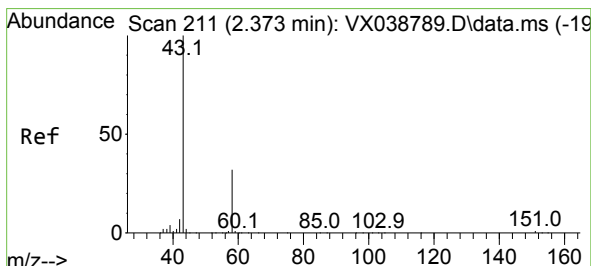
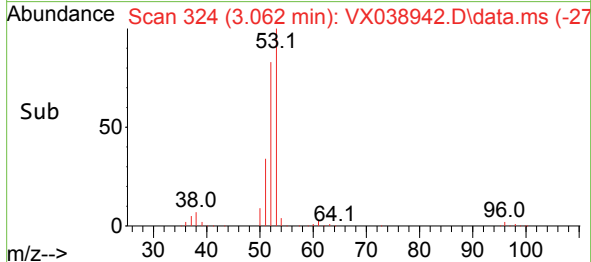
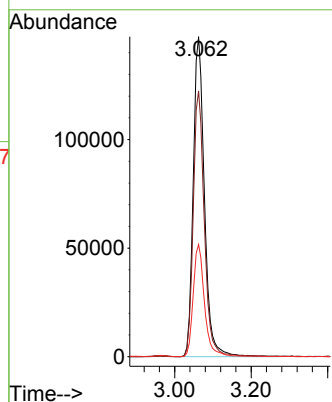
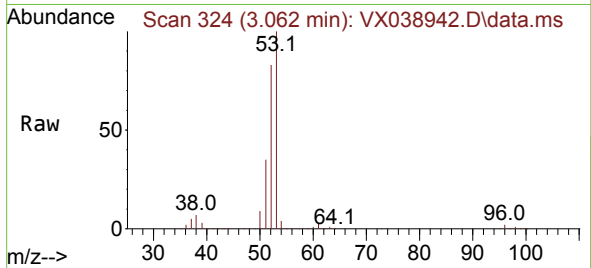




#15
Acrylonitrile
Concen: 278.145 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038942.D
Acq: 18 Nov 2023 20:32

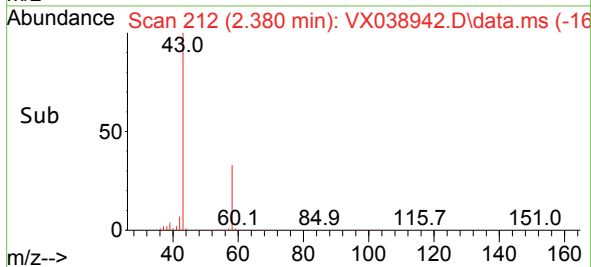
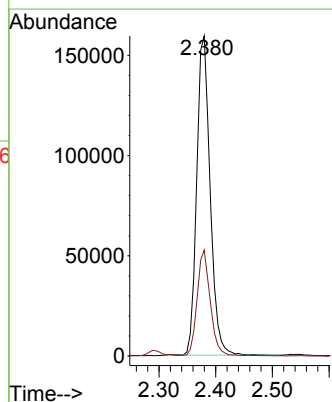
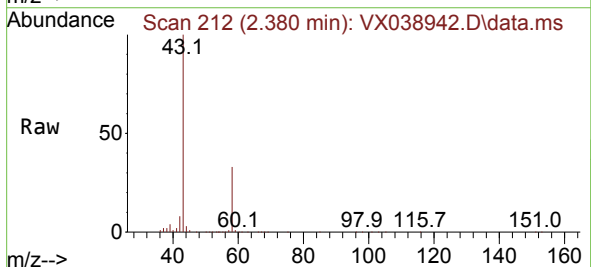
Instrument :
MSVOA_X
ClientSampleId :

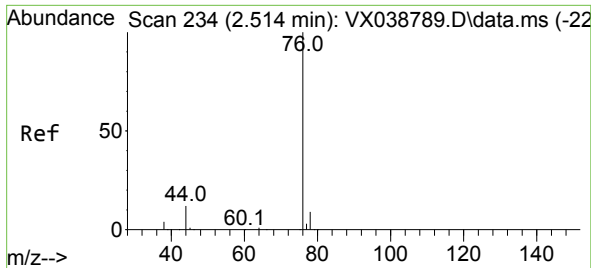
Tgt Ion: 53 Resp: 299655
Ion Ratio Lower Upper
53 100
52 82.2 66.0 99.0
51 35.4 29.8 44.6



#16
Acetone
Concen: 268.255 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX038942.D
Acq: 18 Nov 2023 20:32

Tgt Ion: 43 Resp: 261781
Ion Ratio Lower Upper
43 100
58 33.1 21.9 32.9#





#17

Carbon Disulfide

Concen: 42.214 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX038942.D

Acq: 18 Nov 2023 20:32

Instrument :

MSVOA_X

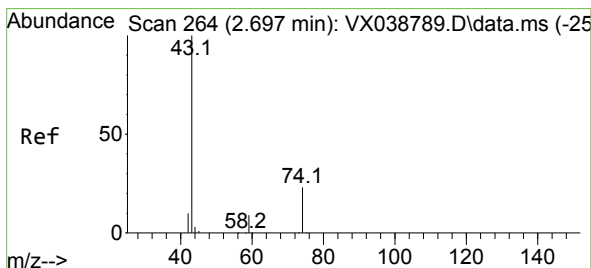
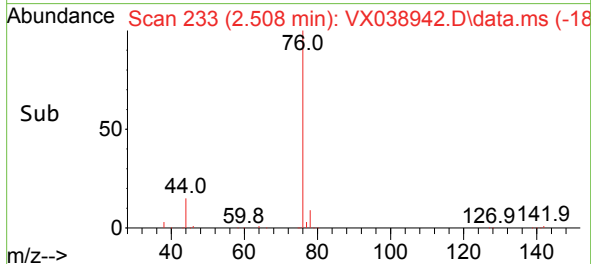
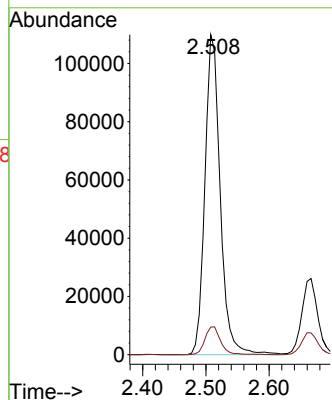
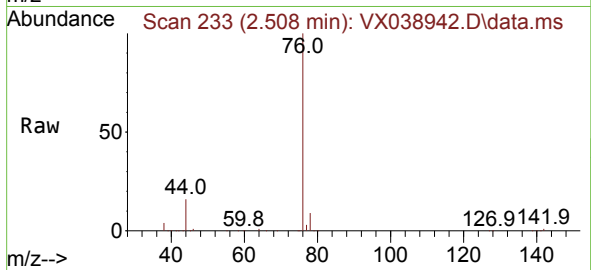
ClientSampleId :

Tgt Ion: 76 Resp: 185415

Ion Ratio Lower Upper

76 100

78 8.6 7.0 10.6



#18

Methyl Acetate

Concen: 52.872 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.006 min

Lab File: VX038942.D

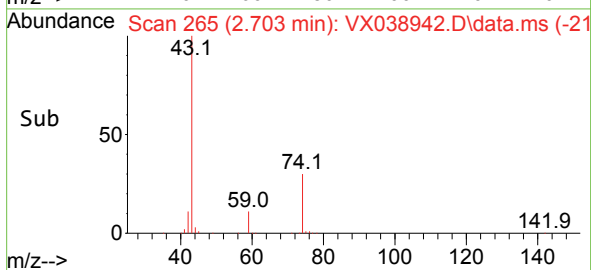
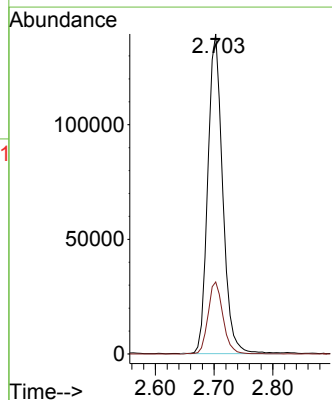
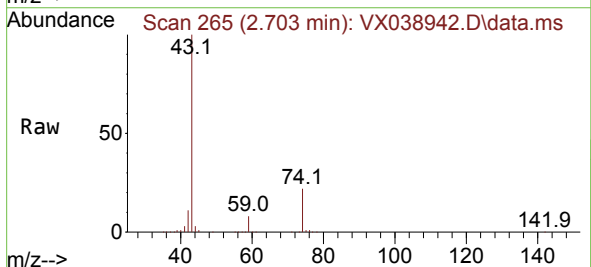
Acq: 18 Nov 2023 20:32

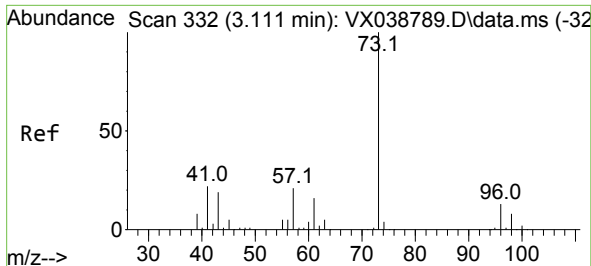
Tgt Ion: 43 Resp: 245074

Ion Ratio Lower Upper

43 100

74 22.7 17.8 26.8

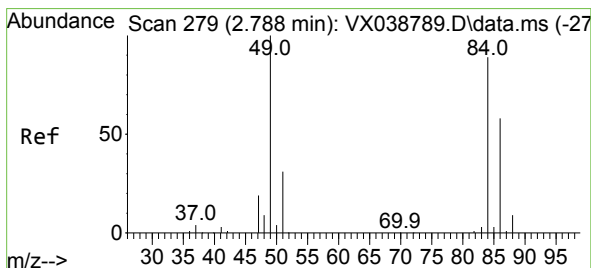
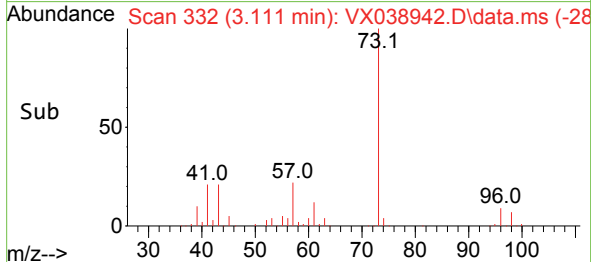
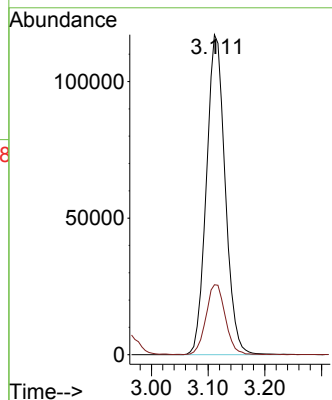
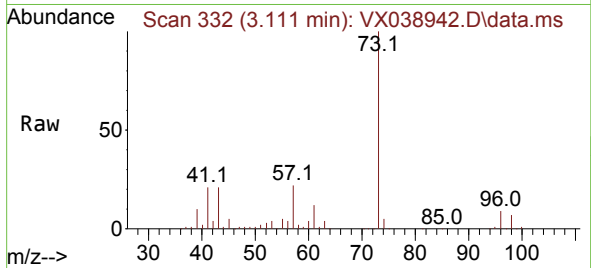




#19
Methyl tert-butyl Ether
Concen: 53.886 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038942.D
Acq: 18 Nov 2023 20:32

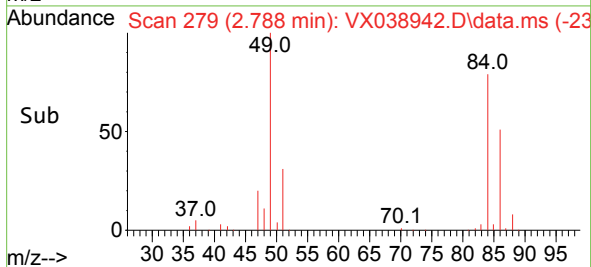
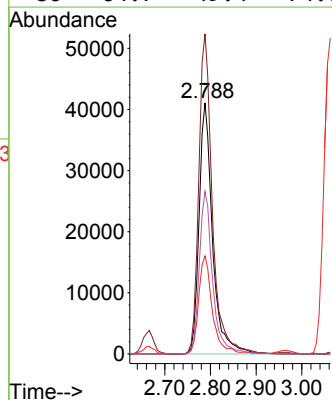
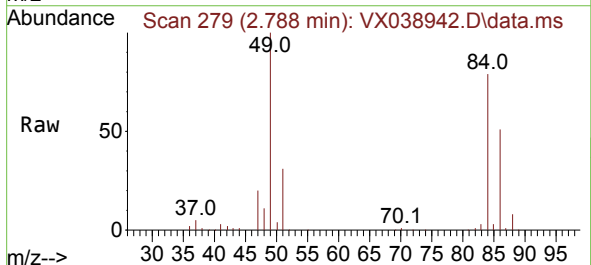
Instrument :
MSVOA_X
ClientSampleId :

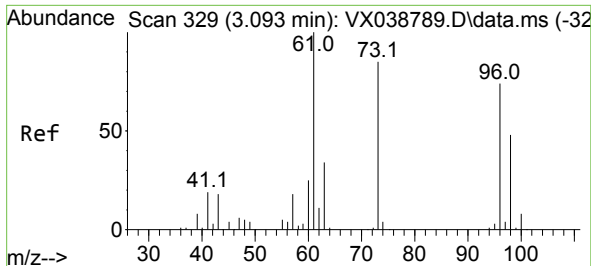
Tgt Ion: 73 Resp: 268741
Ion Ratio Lower Upper
73 100
57 21.8 17.3 25.9



#20
Methylene Chloride
Concen: 47.853 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038942.D
Acq: 18 Nov 2023 20:32

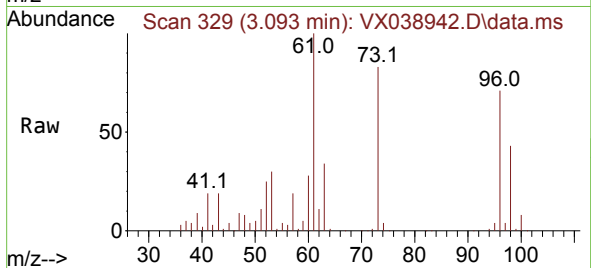
Tgt Ion: 84 Resp: 84181
Ion Ratio Lower Upper
84 100
49 127.4 103.6 155.4
51 39.1 33.8 50.6
86 64.7 49.4 74.0



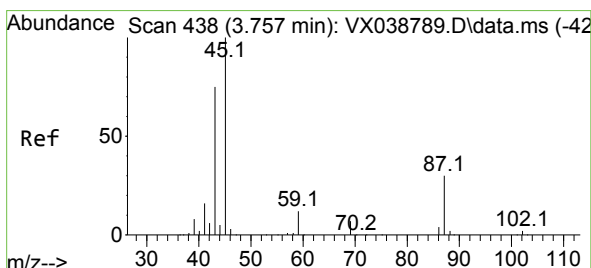
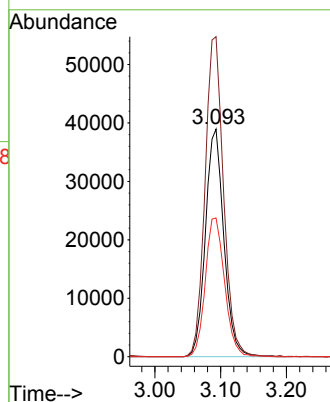
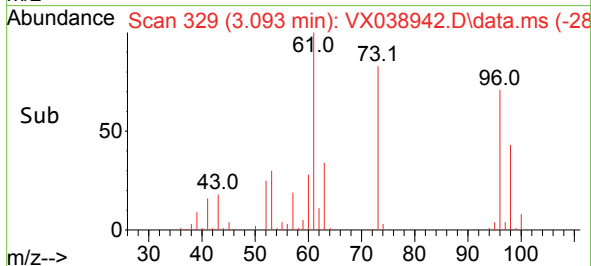


#21
trans-1,2-Dichloroethene
Concen: 48.403 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038942.D
Acq: 18 Nov 2023 20:32

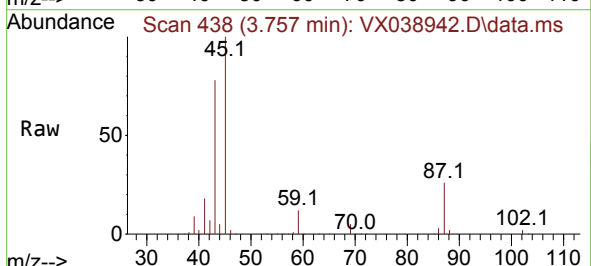
Instrument :
MSVOA_X
ClientSampleId :



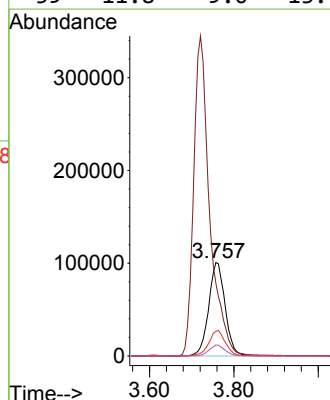
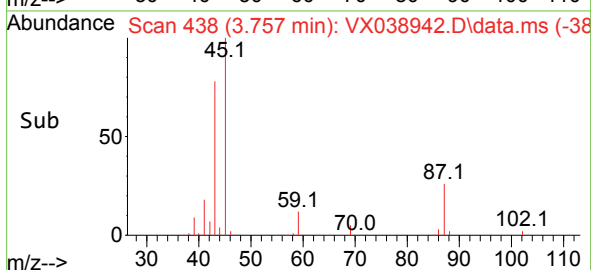
Tgt Ion: 96 Resp: 75730
Ion Ratio Lower Upper
96 100
61 140.6 119.2 178.8
98 61.0 48.7 73.1

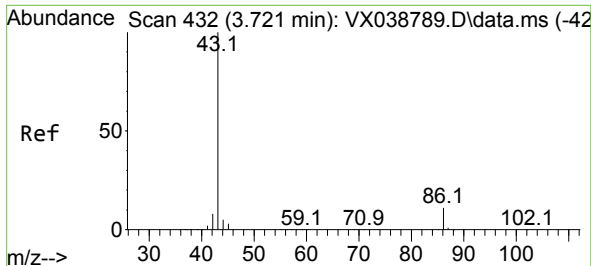


#22
Diisopropyl ether
Concen: 52.639 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX038942.D
Acq: 18 Nov 2023 20:32



Tgt Ion: 45 Resp: 274148
Ion Ratio Lower Upper
45 100
43 77.6 69.7 104.5
87 26.4 20.8 31.2
59 11.8 9.0 13.4

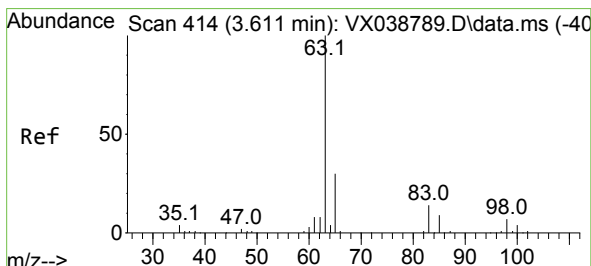
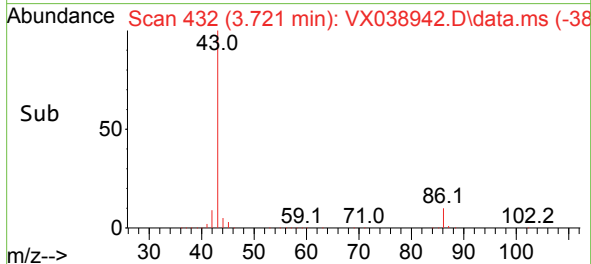
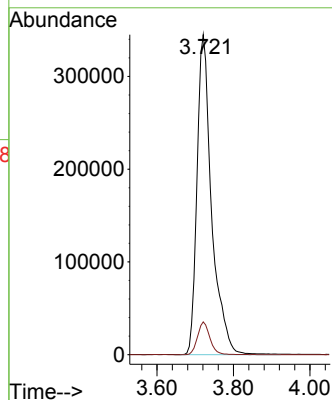
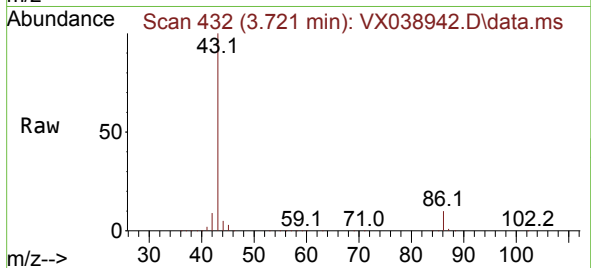




#23
 Vinyl Acetate
 Concen: 244.007 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX038942.D
 Acq: 18 Nov 2023 20:32

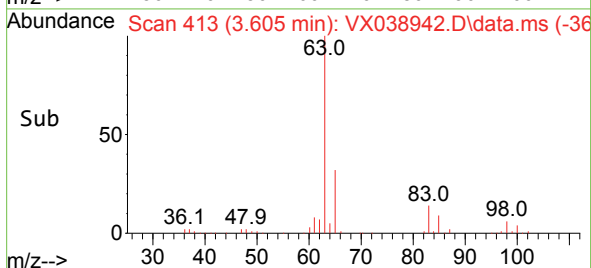
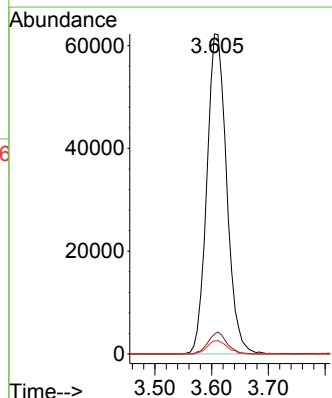
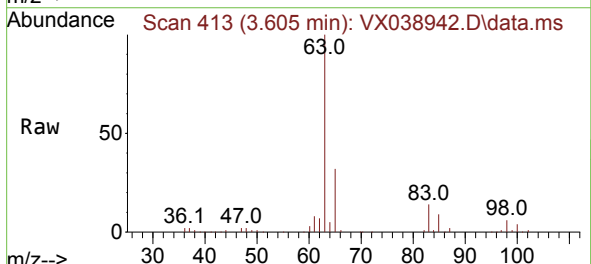
Instrument :
 MSVOA_X
 ClientSampleId :

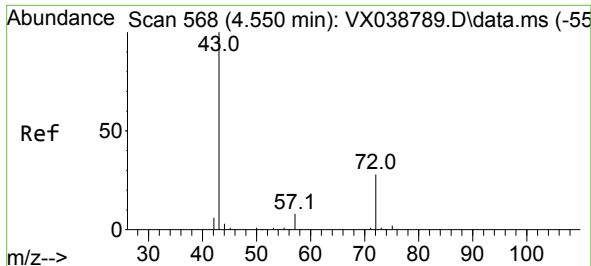
Tgt Ion: 43 Resp: 915244
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 51.817 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX038942.D
 Acq: 18 Nov 2023 20:32

Tgt Ion: 63 Resp: 150915
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.3 9.8
 100 4.1 2.1 6.5

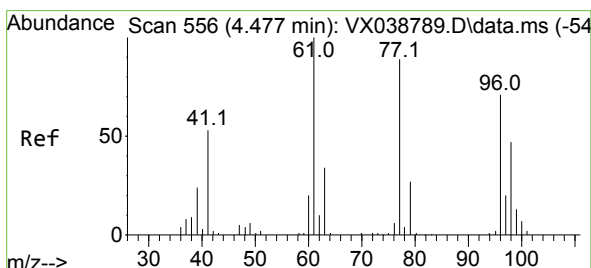
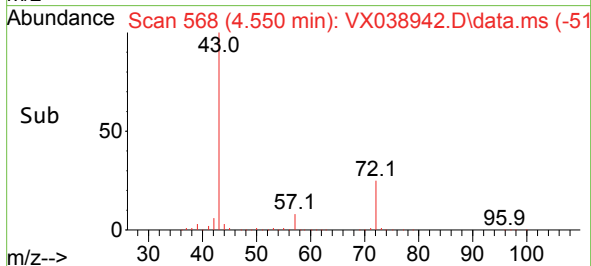
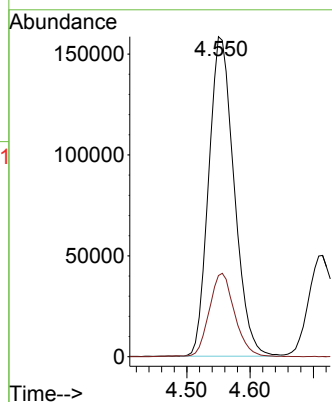
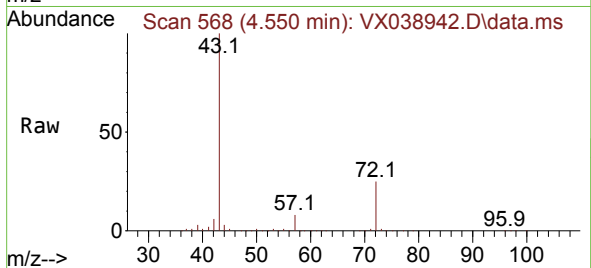




#25
2-Butanone
Concen: 279.365 ug/l
RT: 4.550 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX038942.D
Acq: 18 Nov 2023 20:32

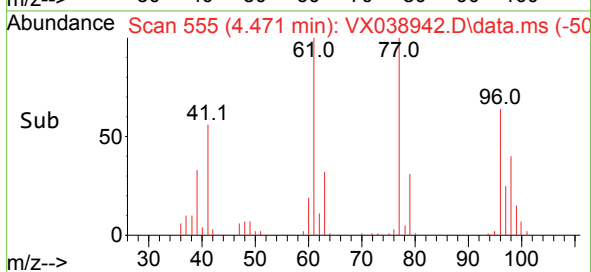
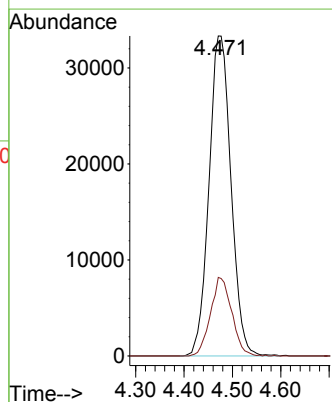
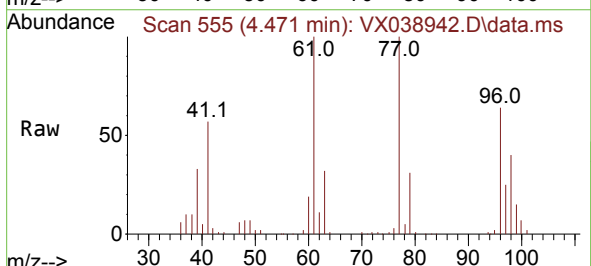
Instrument :
MSVOA_X
ClientSampleId :

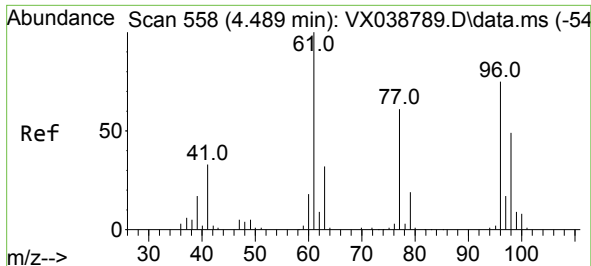
Tgt Ion: 43 Resp: 442095
Ion Ratio Lower Upper
43 100
72 25.2 19.4 29.2



#26
2,2-Dichloropropane
Concen: 41.671 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX038942.D
Acq: 18 Nov 2023 20:32

Tgt Ion: 77 Resp: 105273
Ion Ratio Lower Upper
77 100
97 23.8 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 50.920 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX038942.D

Acq: 18 Nov 2023 20:32

Instrument :

MSVOA_X

ClientSampleId :

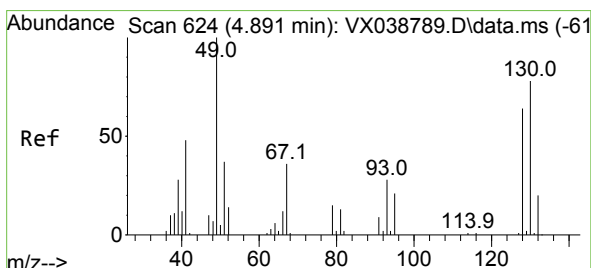
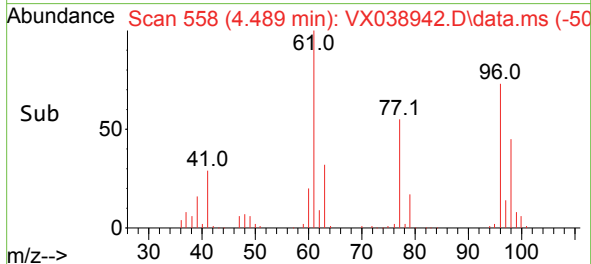
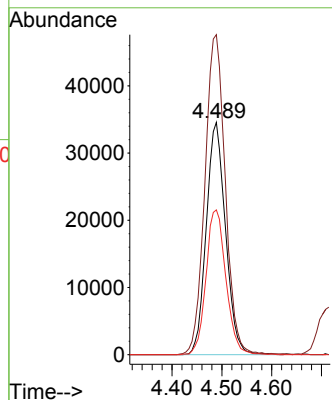
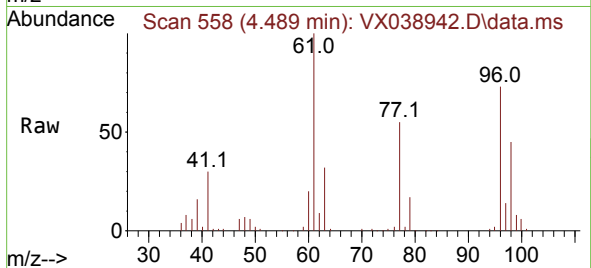
Tgt Ion: 96 Resp: 92864

Ion Ratio Lower Upper

96 100

61 145.4 0.0 312.2

98 64.4 0.0 129.0



#28

Bromochloromethane

Concen: 46.184 ug/l

RT: 4.891 min Scan# 624

Delta R.T. 0.000 min

Lab File: VX038942.D

Acq: 18 Nov 2023 20:32

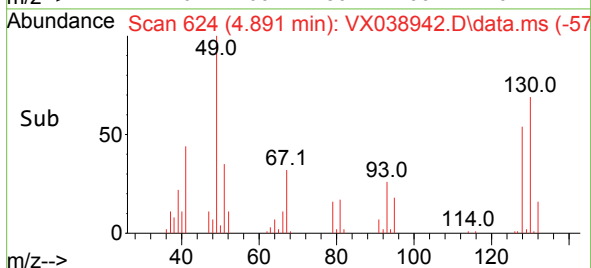
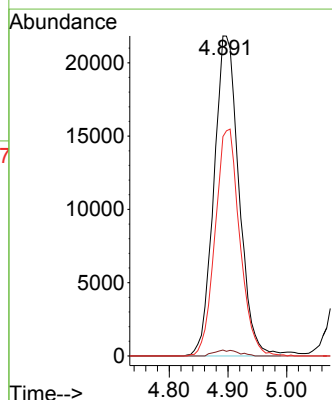
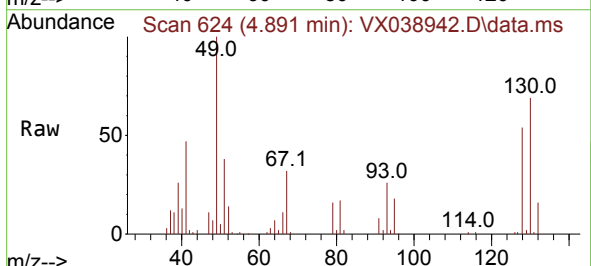
Tgt Ion: 49 Resp: 64579

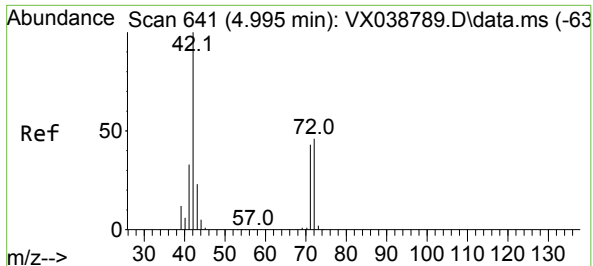
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 69.9 57.5 86.3





#29

Tetrahydrofuran

Concen: 288.408 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX038942.D

Acq: 18 Nov 2023 20:32

Instrument :

MSVOA_X

ClientSampleId :

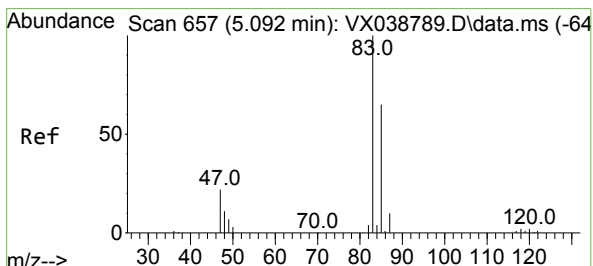
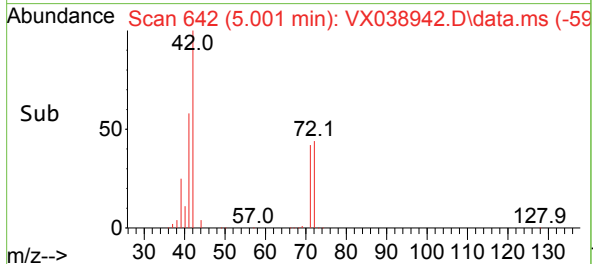
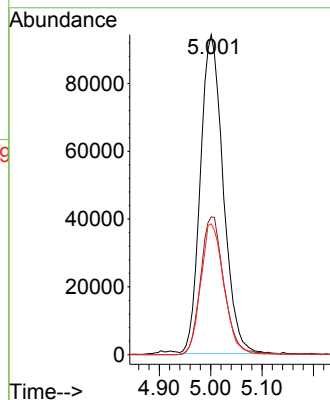
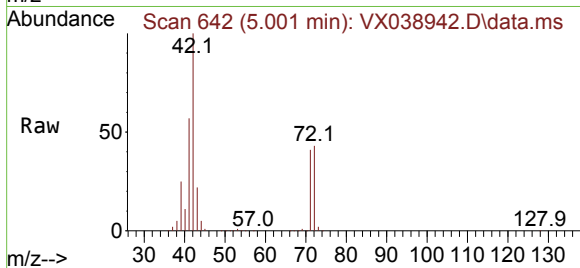
Tgt Ion: 42 Resp: 289791

Ion Ratio Lower Upper

42 100

72 44.4 34.2 51.4

71 41.7 32.2 48.2



#30

Chloroform

Concen: 52.745 ug/l

RT: 5.092 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX038942.D

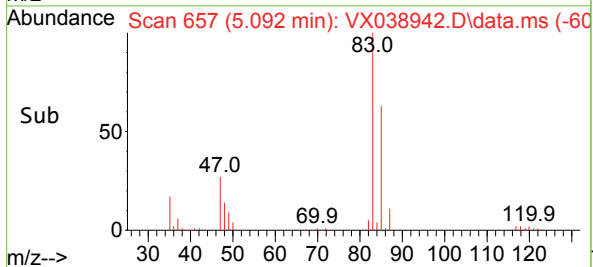
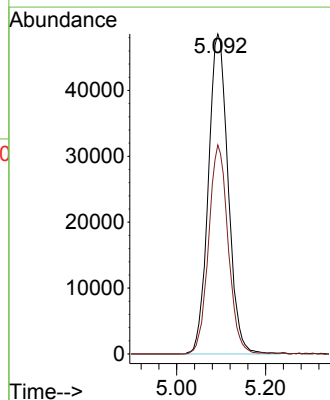
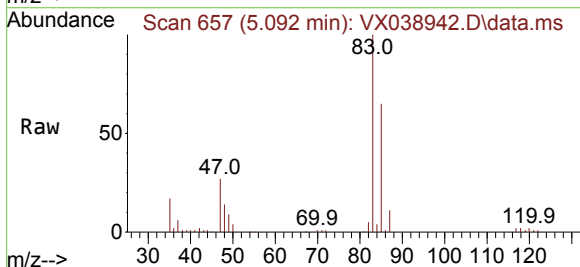
Acq: 18 Nov 2023 20:32

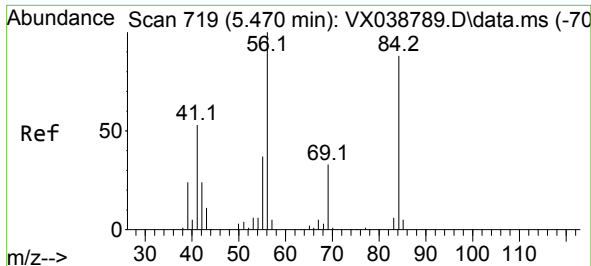
Tgt Ion: 83 Resp: 150002

Ion Ratio Lower Upper

83 100

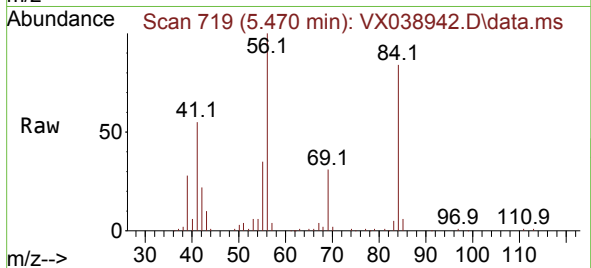
85 65.3 50.3 75.5



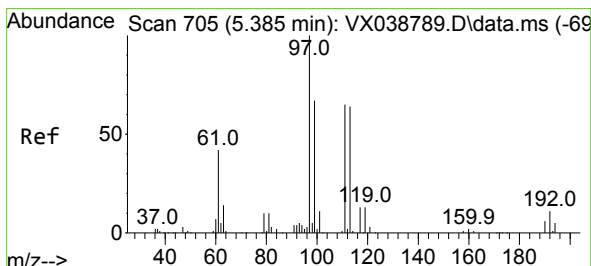
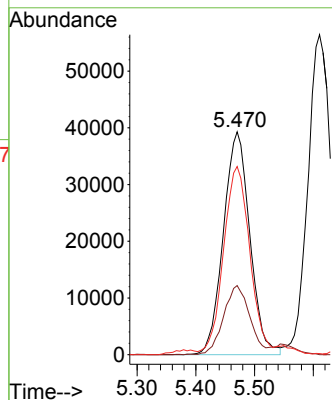
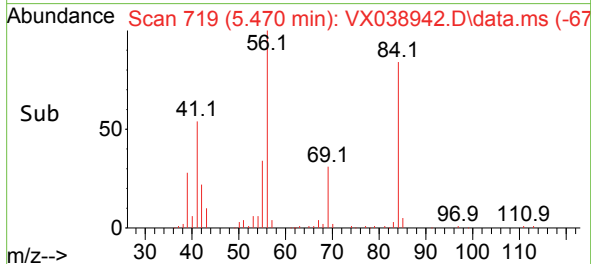


#31
Cyclohexane
Concen: 46.995 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX038942.D
Acq: 18 Nov 2023 20:32

Instrument :
MSVOA_X
ClientSampleId :

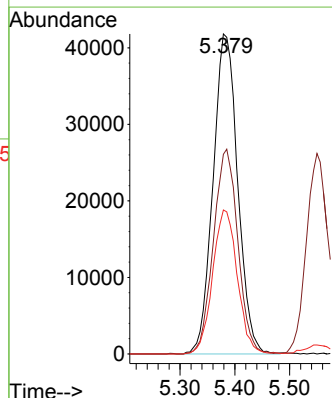
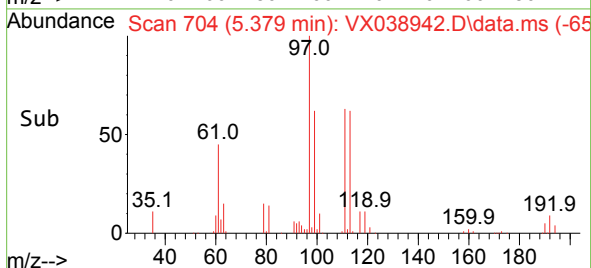
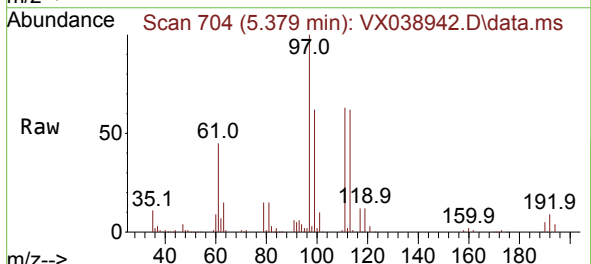


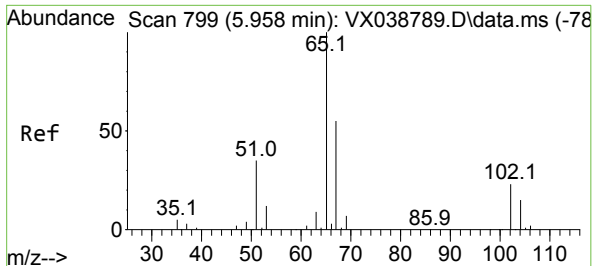
Tgt Ion: 56 Resp: 123001
Ion Ratio Lower Upper
56 100
69 30.9 23.4 35.2
84 82.8 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 53.079 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038942.D
Acq: 18 Nov 2023 20:32

Tgt Ion: 97 Resp: 130748
Ion Ratio Lower Upper
97 100
99 63.5 51.1 76.7
61 45.1 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 54.477 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038942.D

Acq: 18 Nov 2023 20:32

Instrument :

MSVOA_X

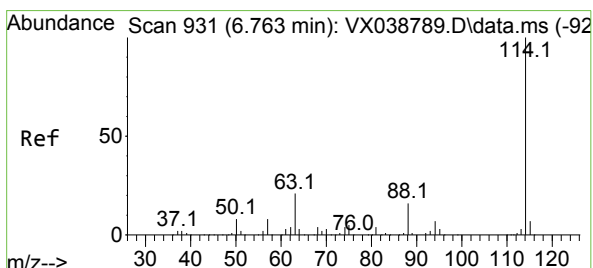
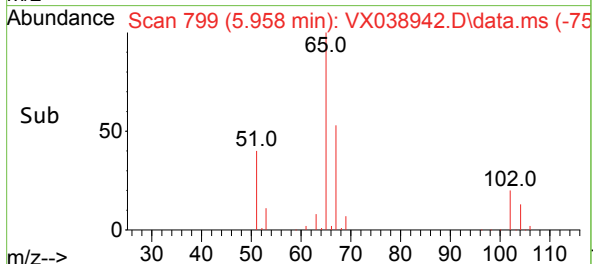
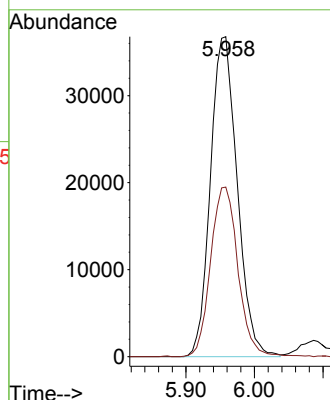
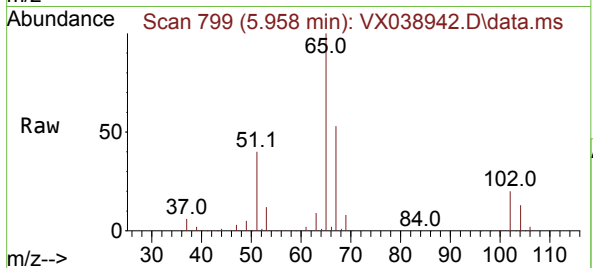
ClientSampleId :

Tgt Ion: 65 Resp: 99865

Ion Ratio Lower Upper

65 100

67 54.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX038942.D

Acq: 18 Nov 2023 20:32

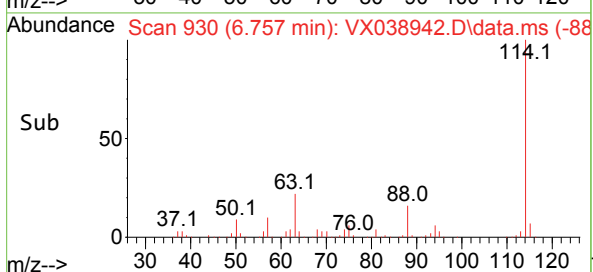
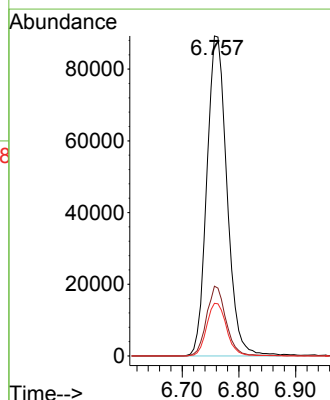
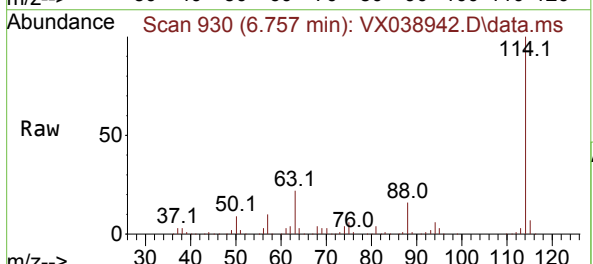
Tgt Ion: 114 Resp: 219702

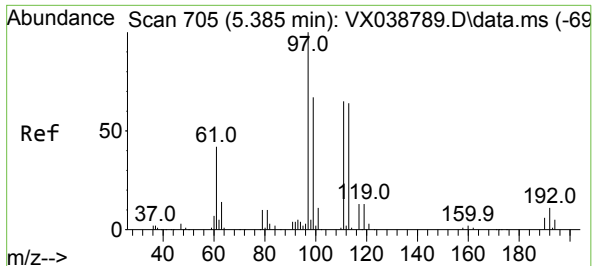
Ion Ratio Lower Upper

114 100

63 21.8 0.0 45.0

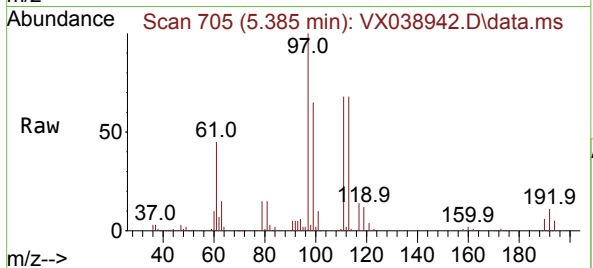
88 16.4 0.0 36.6



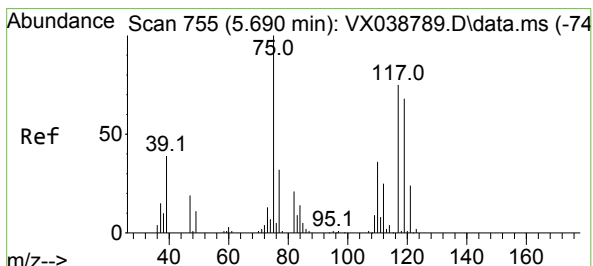
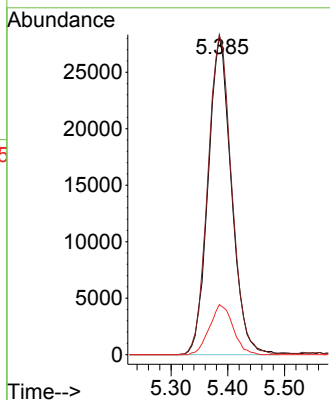
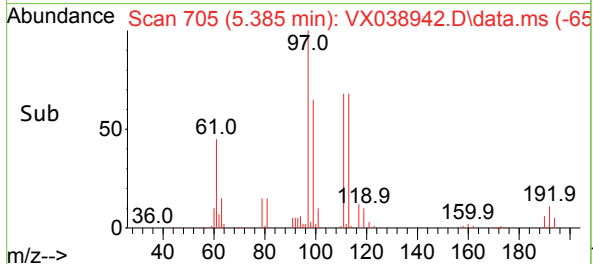


#35
Dibromofluoromethane
Concen: 50.456 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038942.D
Acq: 18 Nov 2023 20:32

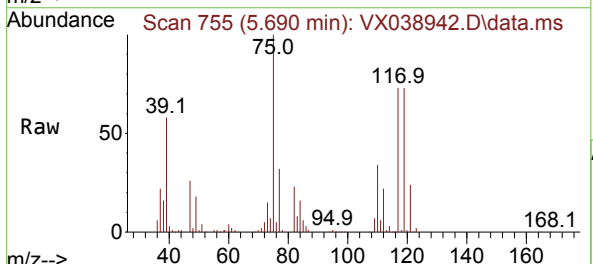
Instrument :
MSVOA_X
ClientSampleId :



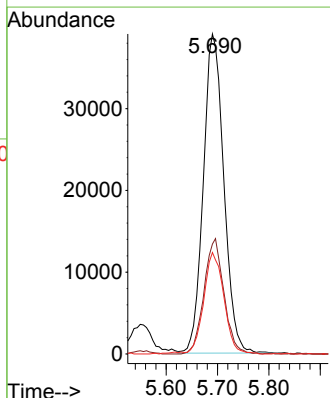
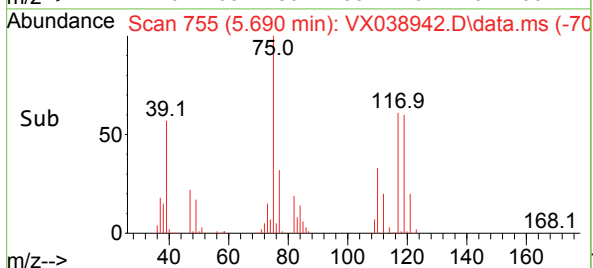
Tgt Ion:113 Resp: 80061
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 16.0 13.3 19.9

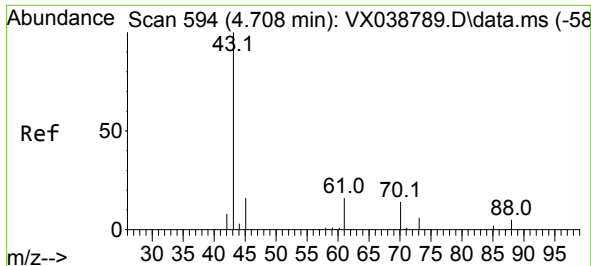


#36
1,1-Dichloropropene
Concen: 47.516 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX038942.D
Acq: 18 Nov 2023 20:32



Tgt Ion: 75 Resp: 108059
Ion Ratio Lower Upper
75 100
110 35.1 17.0 50.9
77 31.2 24.7 37.1





#37

Ethyl Acetate

Concen: 49.710 ug/l

RT: 4.715 min Scan# 594

Delta R.T. 0.006 min

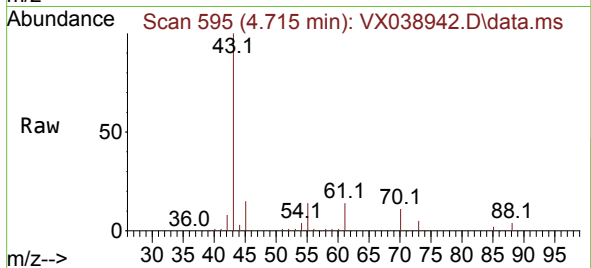
Lab File: VX038942.D

Acq: 18 Nov 2023 20:32

Instrument :

MSVOA_X

ClientSampleId :



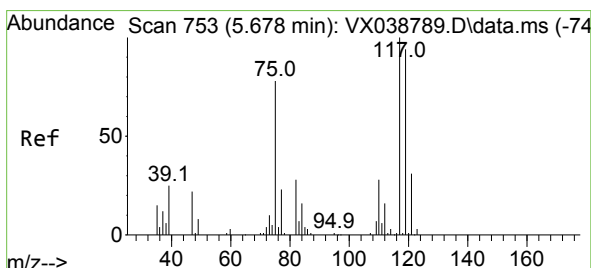
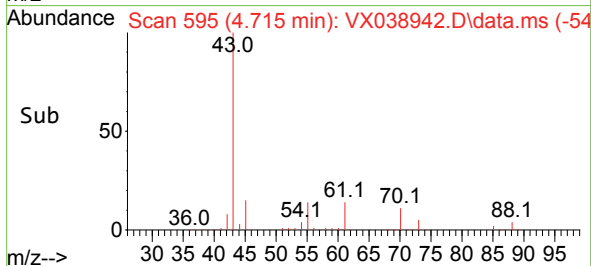
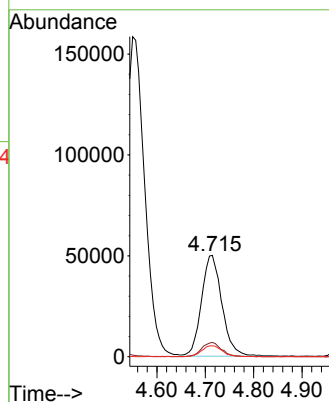
Tgt Ion: 43 Resp: 147286

Ion Ratio Lower Upper

43 100

61 13.7 10.6 16.0

70 10.8 8.3 12.5



#38

Carbon Tetrachloride

Concen: 51.637 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.000 min

Lab File: VX038942.D

Acq: 18 Nov 2023 20:32

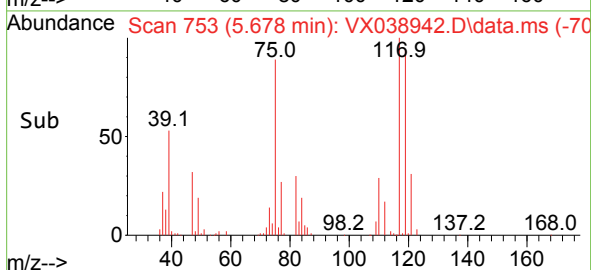
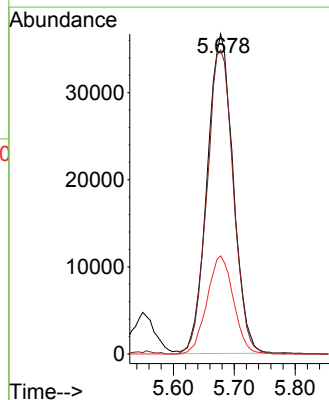
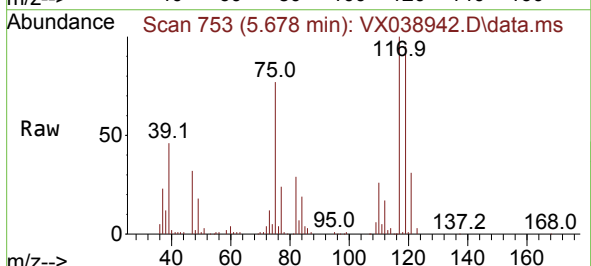
Tgt Ion: 117 Resp: 108533

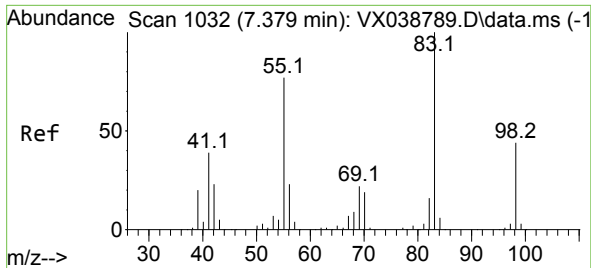
Ion Ratio Lower Upper

117 100

119 94.9 78.2 117.2

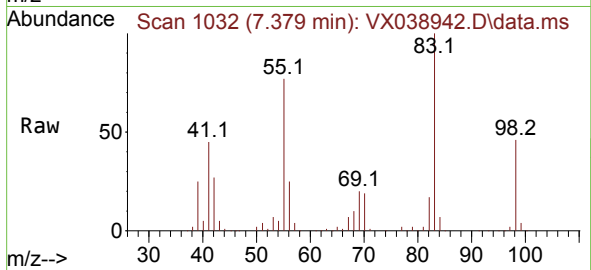
121 30.8 24.4 36.6



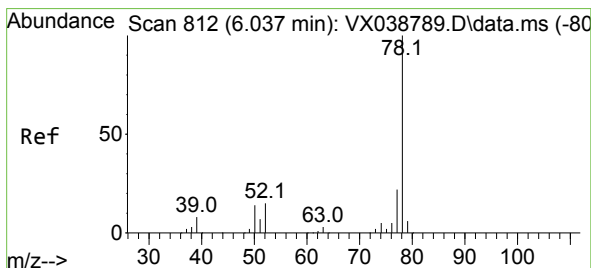
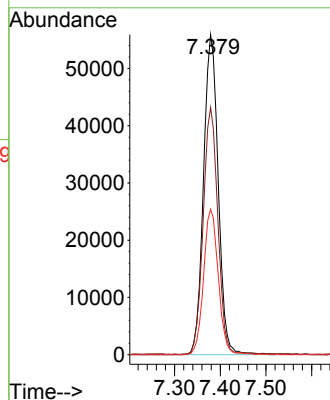
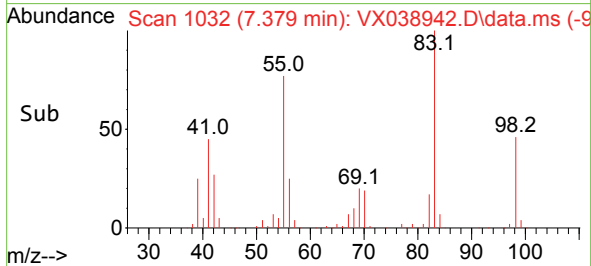


#39
Methylcyclohexane
Concen: 42.181 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX038942.D
Acq: 18 Nov 2023 20:32

Instrument :
MSVOA_X
ClientSampleId :

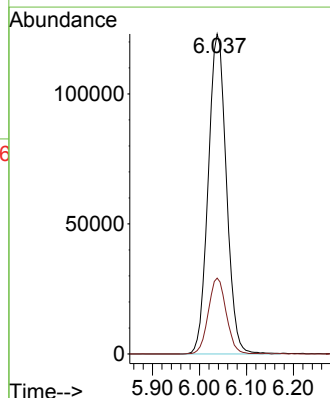
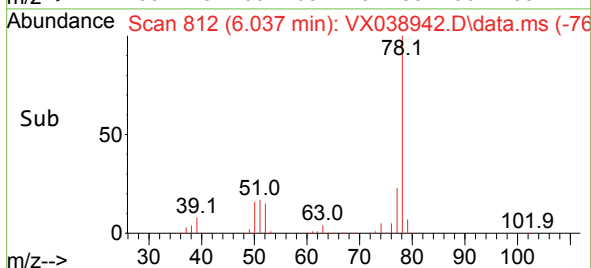
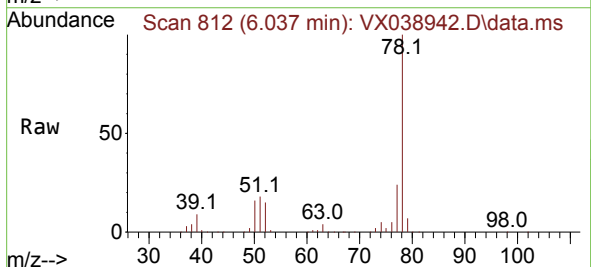


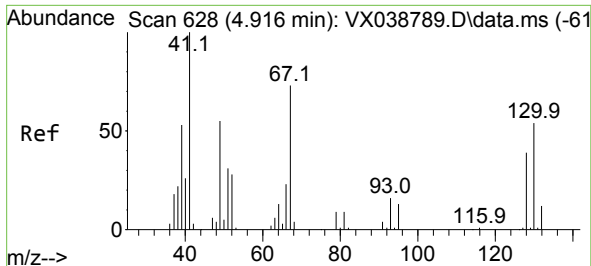
Tgt Ion: 83 Resp: 125127
Ion Ratio Lower Upper
83 100
55 77.1 64.6 97.0
98 45.5 36.7 55.1



#40
Benzene
Concen: 49.036 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX038942.D
Acq: 18 Nov 2023 20:32

Tgt Ion: 78 Resp: 329829
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9



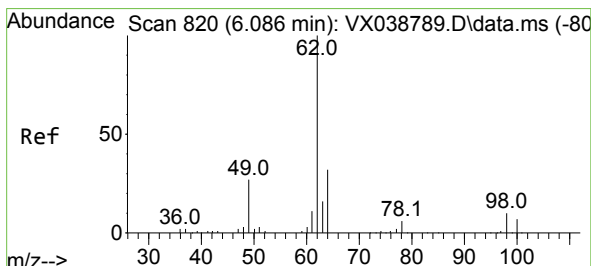
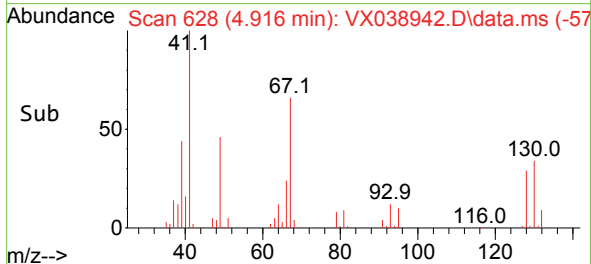
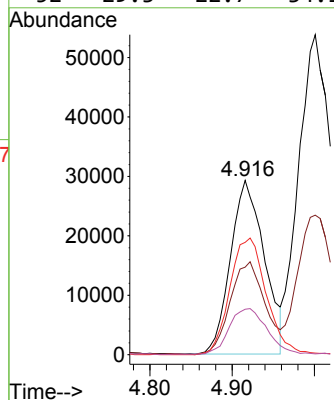
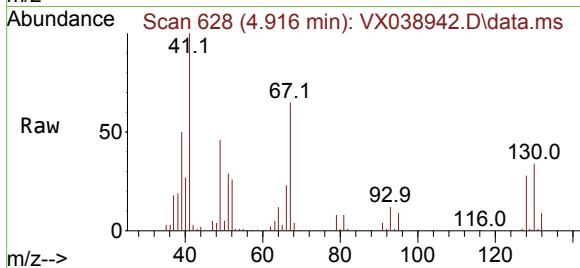


#41
Methacrylonitrile
Concen: 54.379 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX038942.D
Acq: 18 Nov 2023 20:32

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 83564

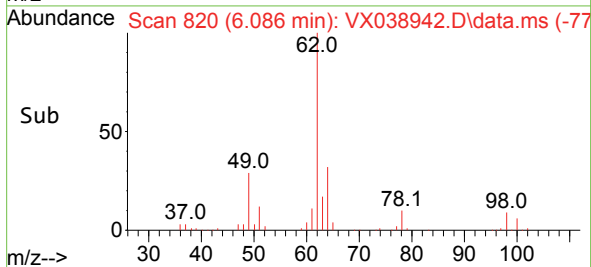
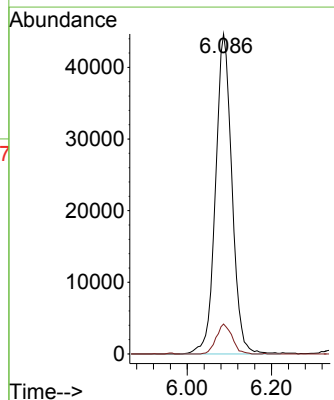
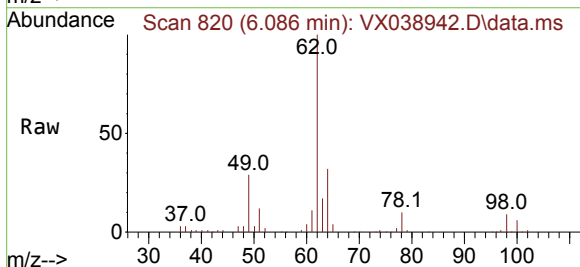
Ion	Ratio	Lower	Upper
41	100		
39	55.3	45.2	67.8
67	73.1	52.6	78.8
52	29.3	22.7	34.1

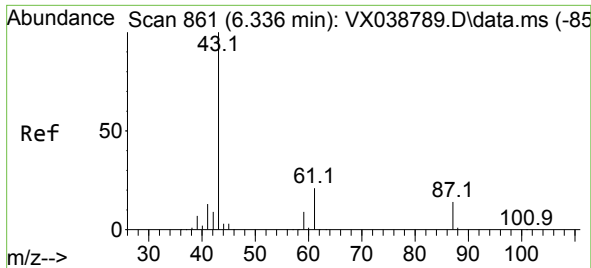


#42
1,2-Dichloroethane
Concen: 53.976 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038942.D
Acq: 18 Nov 2023 20:32

Tgt Ion: 62 Resp: 120288

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	16.0





#43

Isopropyl Acetate

Concen: 50.158 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX038942.D

Acq: 18 Nov 2023 20:32

Instrument :

MSVOA_X

ClientSampleId :

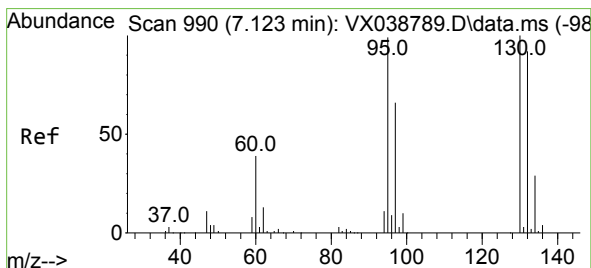
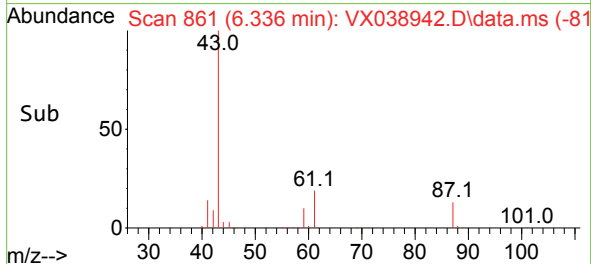
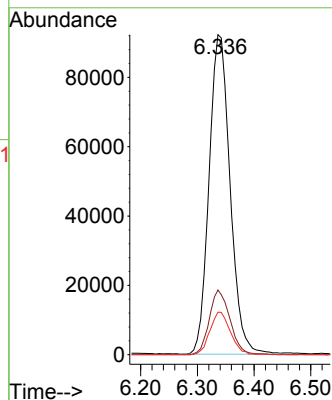
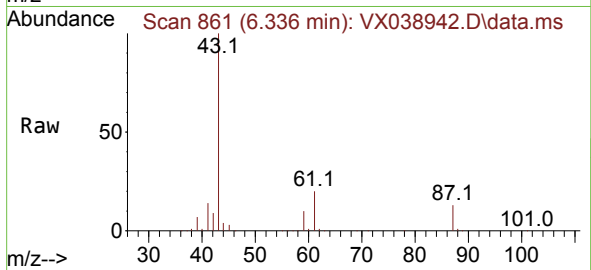
Tgt Ion: 43 Resp: 237506

Ion Ratio Lower Upper

43 100

61 19.9 15.2 22.8

87 13.1 9.8 14.6



#44

Trichloroethene

Concen: 80.029 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX038942.D

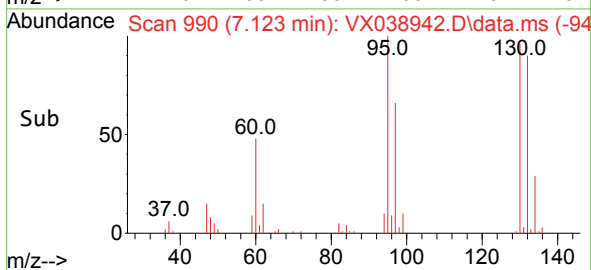
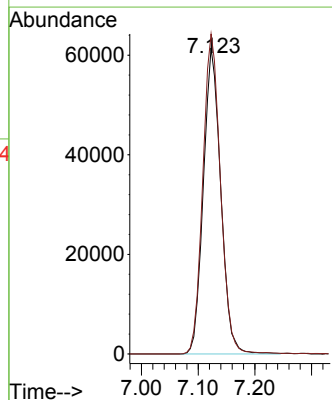
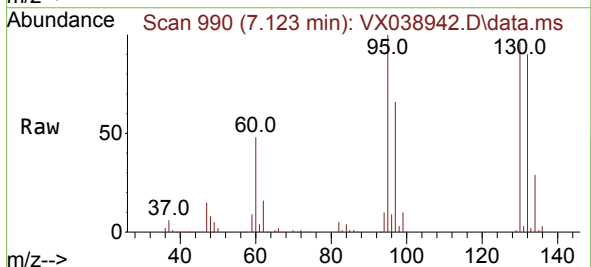
Acq: 18 Nov 2023 20:32

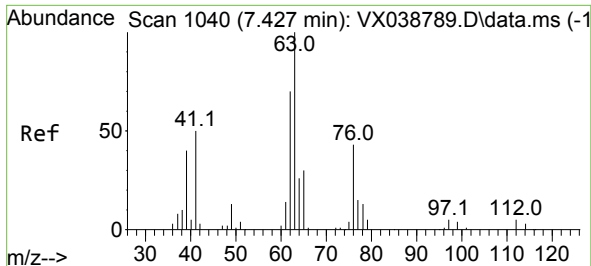
Tgt Ion:130 Resp: 131026

Ion Ratio Lower Upper

130 100

95 104.5 0.0 204.4

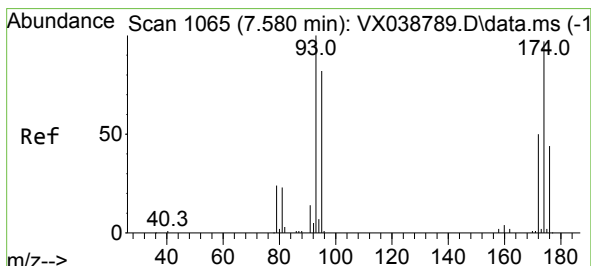
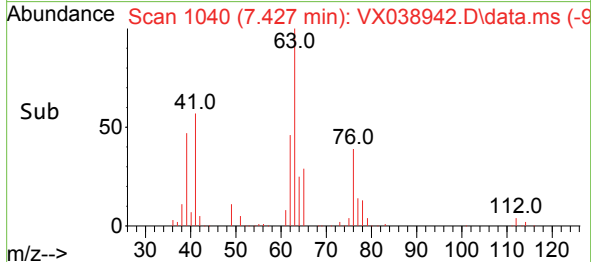
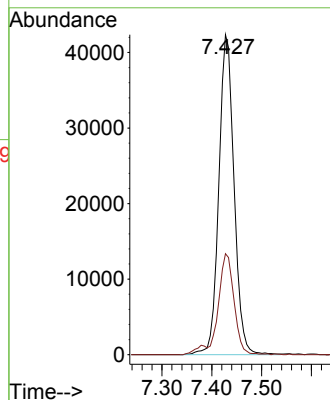
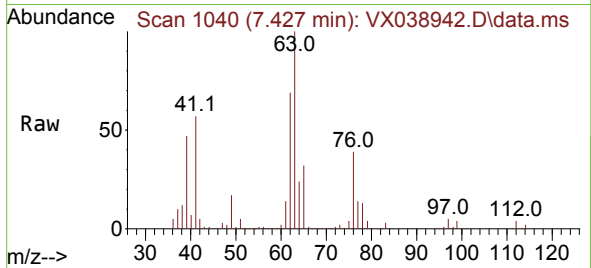




#45
1,2-Dichloropropane
Concen: 49.657 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX038942.D
Acq: 18 Nov 2023 20:32

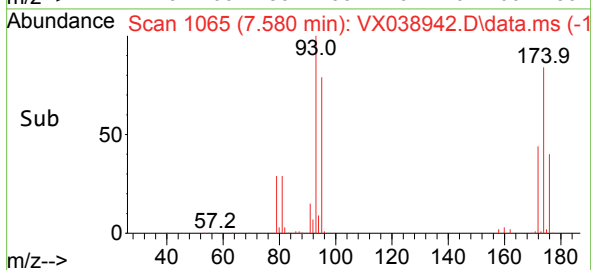
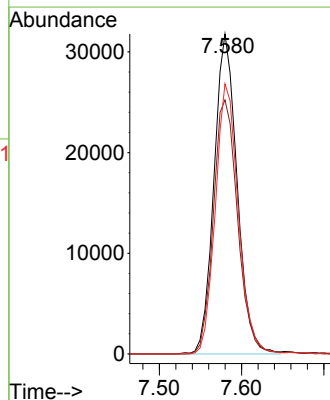
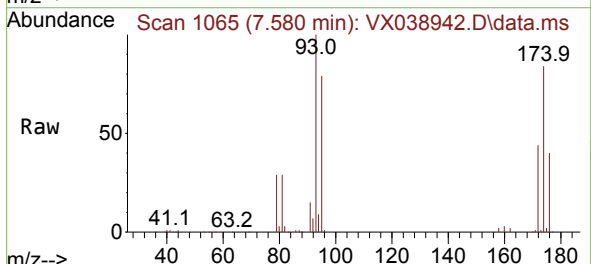
Instrument :
MSVOA_X
ClientSampleId :

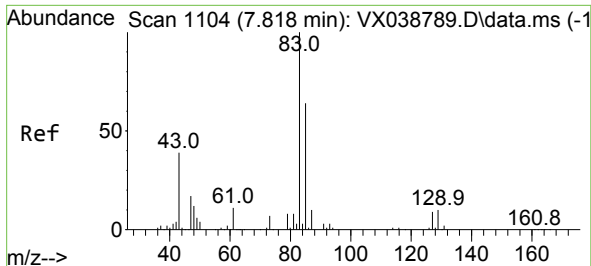
Tgt Ion: 63 Resp: 89884
Ion Ratio Lower Upper
63 100
65 31.5 24.3 36.5



#46
Dibromomethane
Concen: 51.416 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX038942.D
Acq: 18 Nov 2023 20:32

Tgt Ion: 93 Resp: 62065
Ion Ratio Lower Upper
93 100
95 83.2 66.6 100.0
174 84.5 69.4 104.0

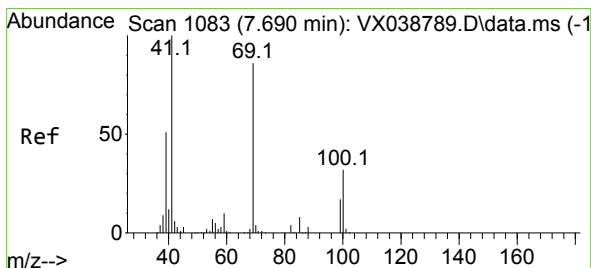
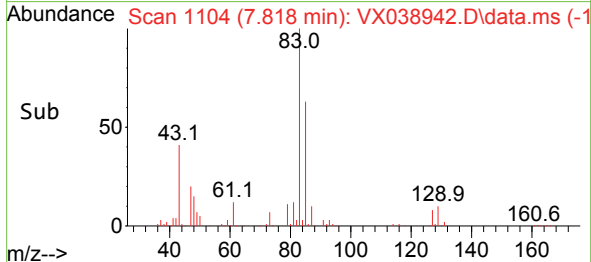
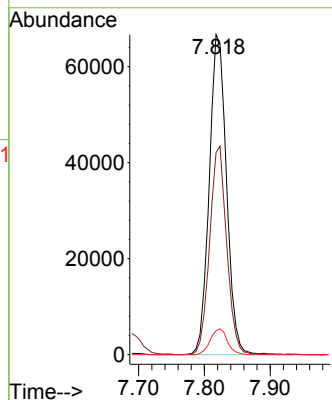
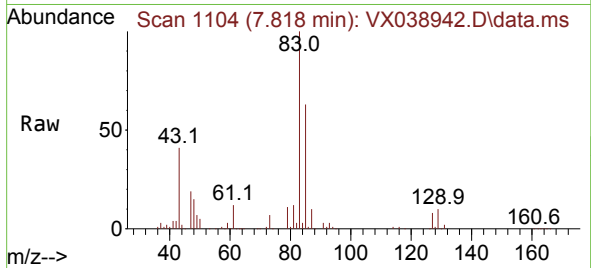




#47
Bromodichloromethane
Concen: 50.983 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX038942.D
Acq: 18 Nov 2023 20:32

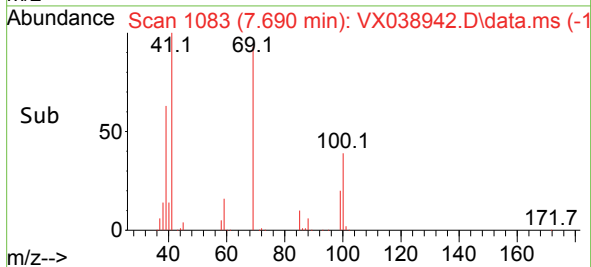
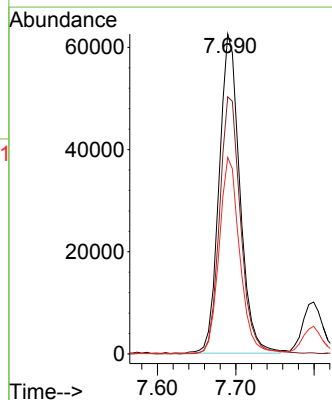
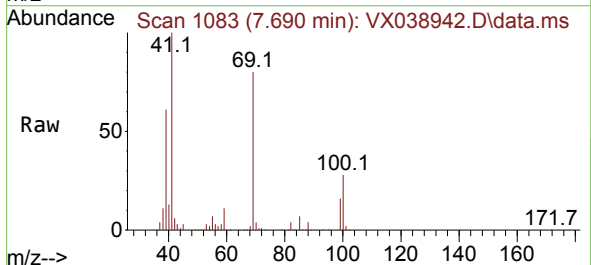
Instrument :
MSVOA_X
ClientSampleId :

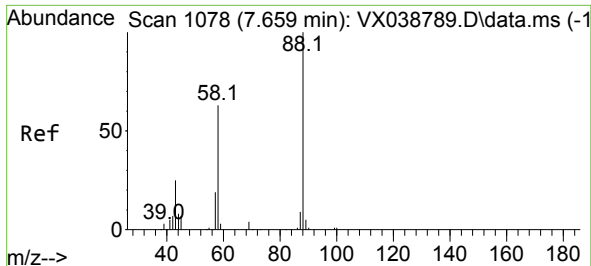
Tgt Ion: 83 Resp: 122147
Ion Ratio Lower Upper
83 100
85 63.1 49.8 74.6
127 7.5 7.1 10.7



#48
Methyl methacrylate
Concen: 50.063 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX038942.D
Acq: 18 Nov 2023 20:32

Tgt Ion: 41 Resp: 115017
Ion Ratio Lower Upper
41 100
69 82.2 59.2 88.8
39 60.9 47.7 71.5





#49

1,4-Dioxane

Concen: 1250.143 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX038942.D

Acq: 18 Nov 2023 20:32

Instrument :

MSVOA_X

ClientSampleId :

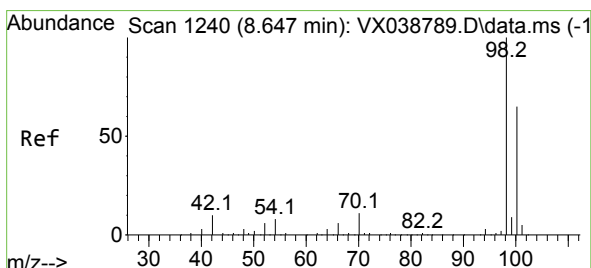
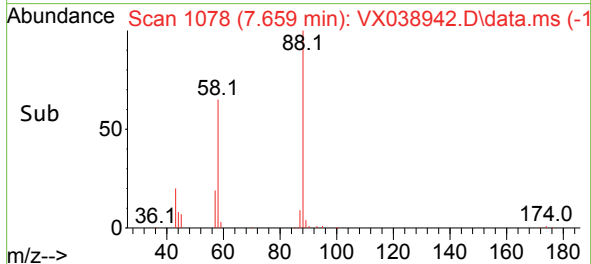
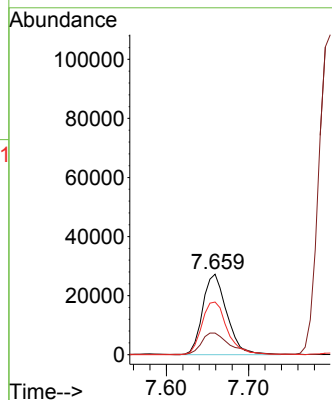
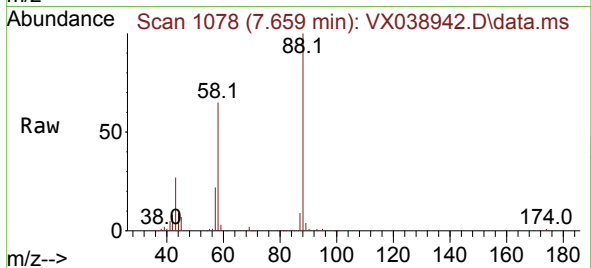
Tgt Ion: 88 Resp: 55565

Ion Ratio Lower Upper

88 100

43 31.6 0.0 0.0#

58 69.1 60.1 90.1



#50

Toluene-d8

Concen: 48.180 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX038942.D

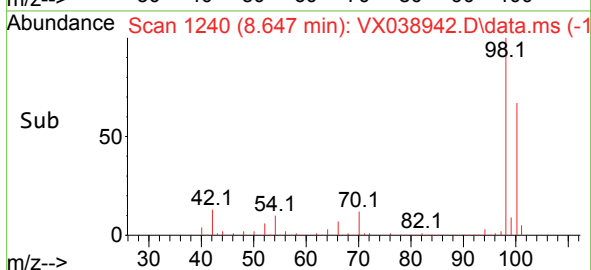
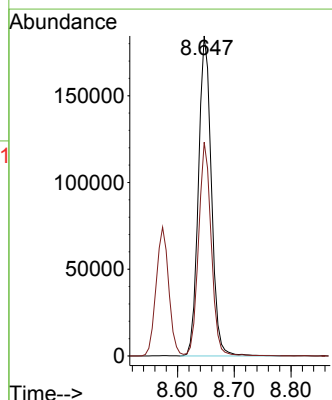
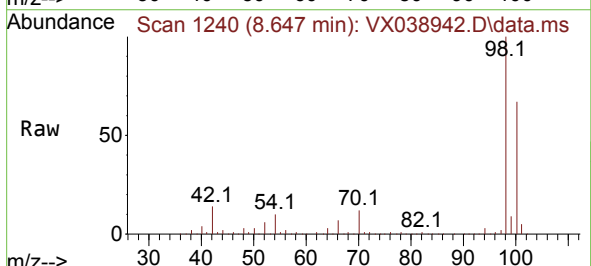
Acq: 18 Nov 2023 20:32

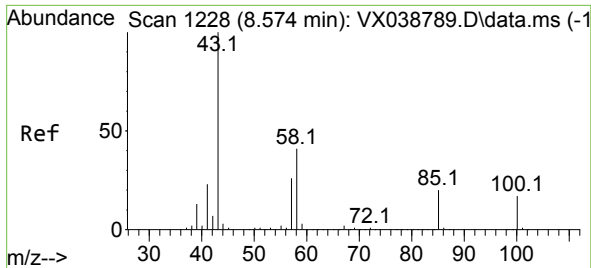
Tgt Ion: 98 Resp: 292501

Ion Ratio Lower Upper

98 100

100 65.6 53.1 79.7

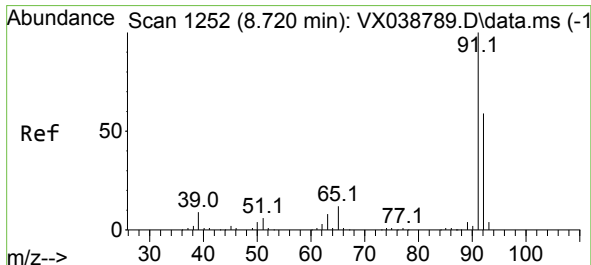
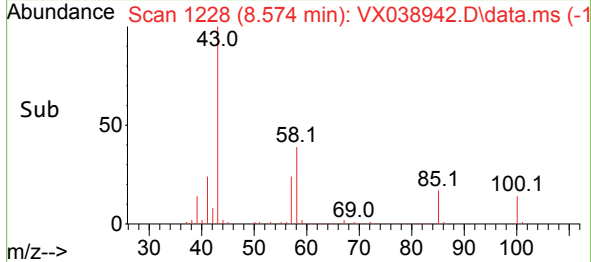
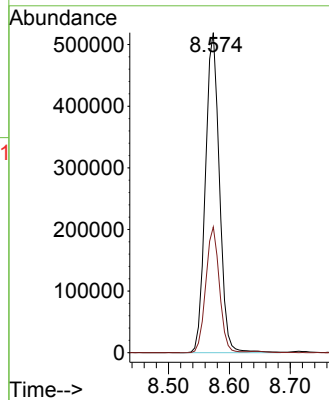
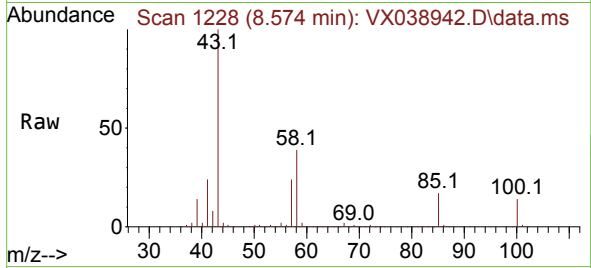




#51
4-Methyl-2-Pentanone
Concen: 273.744 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038942.D
Acq: 18 Nov 2023 20:32

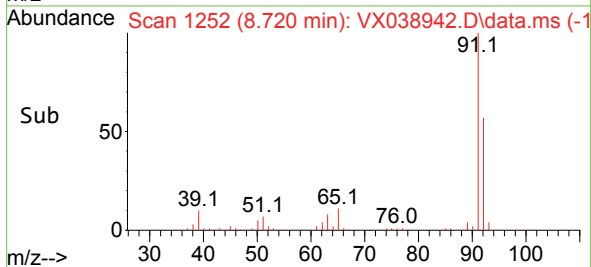
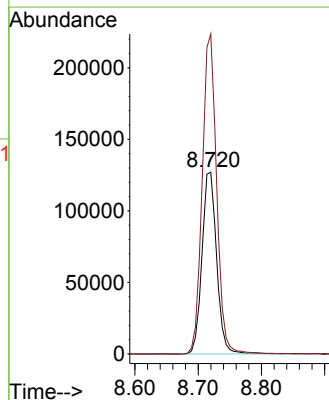
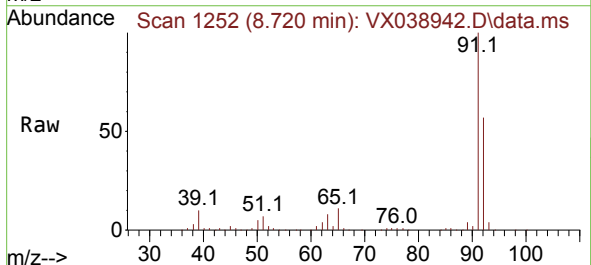
Instrument :
MSVOA_X
ClientSampleId :

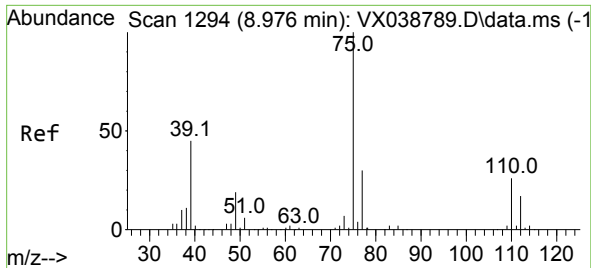
Tgt Ion: 43 Resp: 828354
Ion Ratio Lower Upper
43 100
58 38.3 30.4 45.6



#52
Toluene
Concen: 49.145 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038942.D
Acq: 18 Nov 2023 20:32

Tgt Ion: 92 Resp: 205133
Ion Ratio Lower Upper
92 100
91 173.7 134.2 201.2

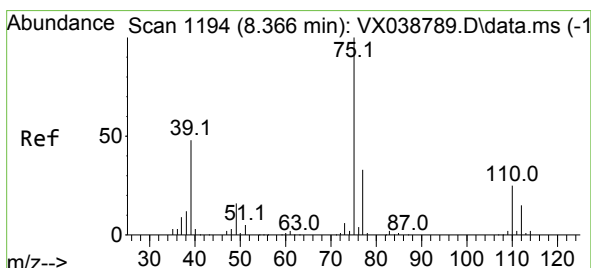
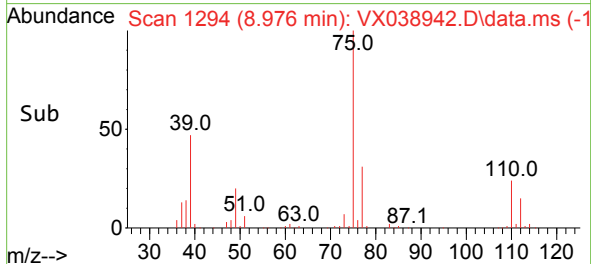
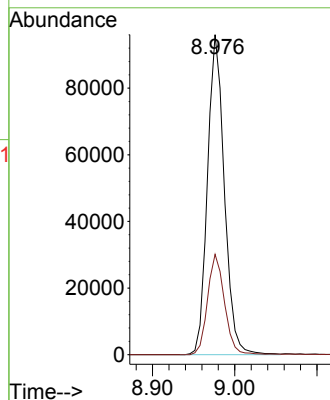
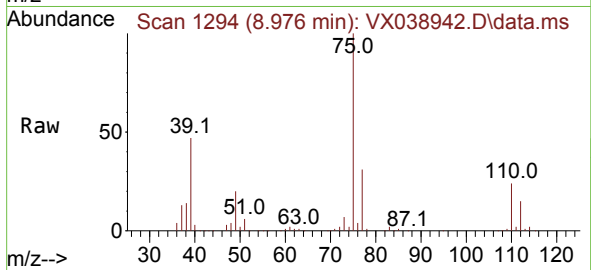




#53
 t-1,3-Dichloropropene
 Concen: 48.044 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. 0.000 min
 Lab File: VX038942.D
 Acq: 18 Nov 2023 20:32

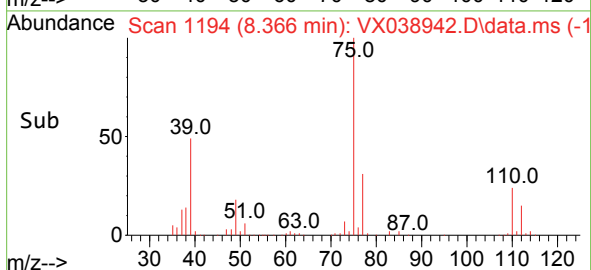
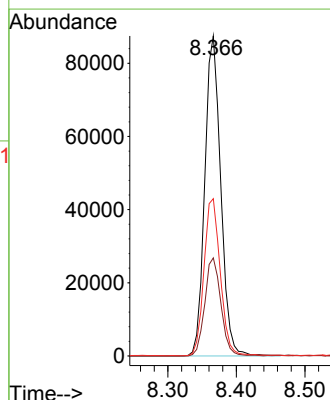
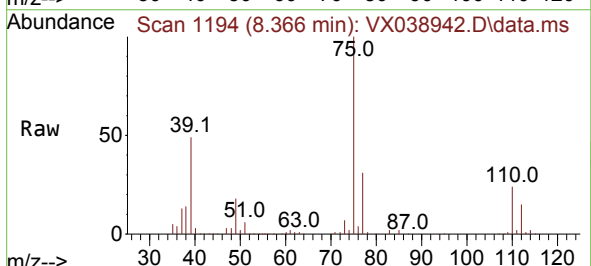
Instrument :
 MSVOA_X
 ClientSampleId :

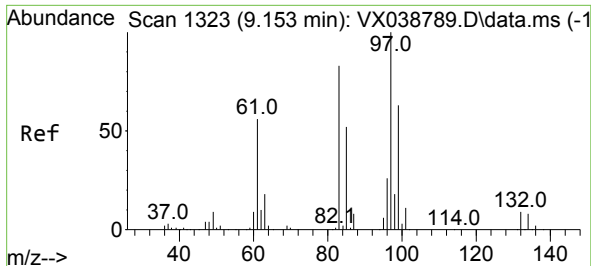
Tgt Ion: 75 Resp: 136788
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 48.299 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX038942.D
 Acq: 18 Nov 2023 20:32

Tgt Ion: 75 Resp: 142043
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.3 37.9
 39 49.1 46.7 70.1

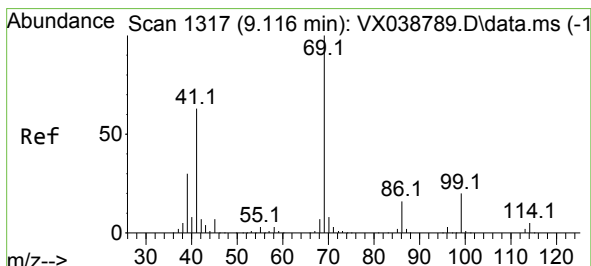
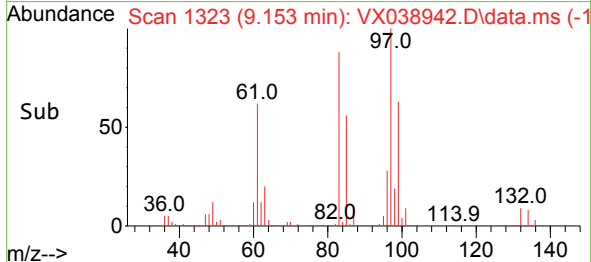
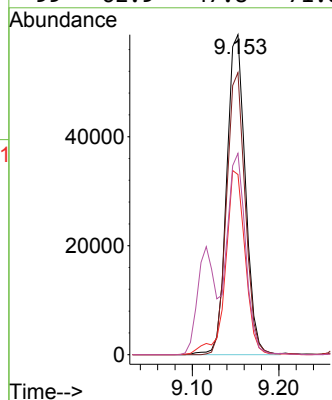
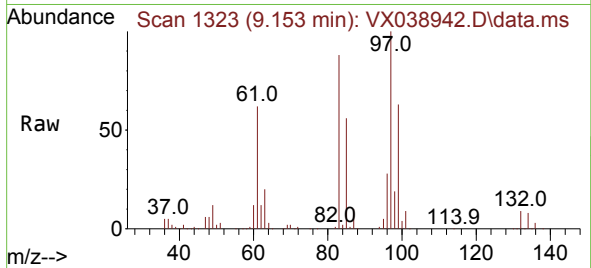




#55
 1,1,2-Trichloroethane
 Concen: 50.552 ug/l
 RT: 9.153 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038942.D
 Acq: 18 Nov 2023 20:32

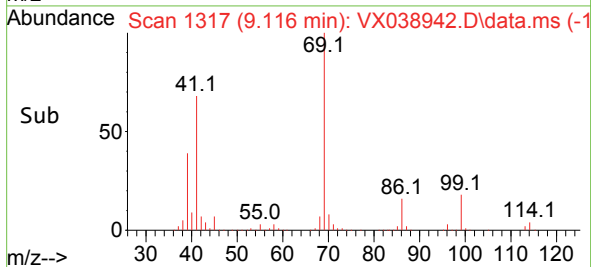
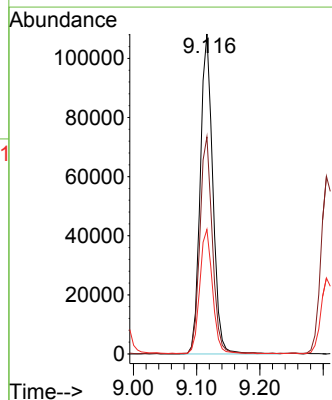
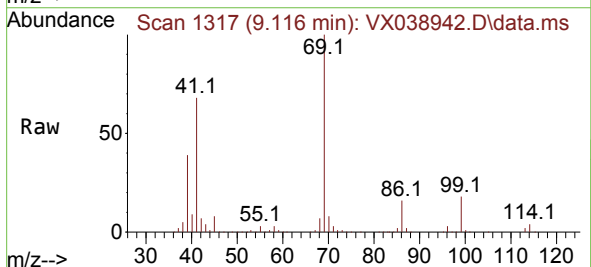
Instrument :
 MSVOA_X
 ClientSampleId :

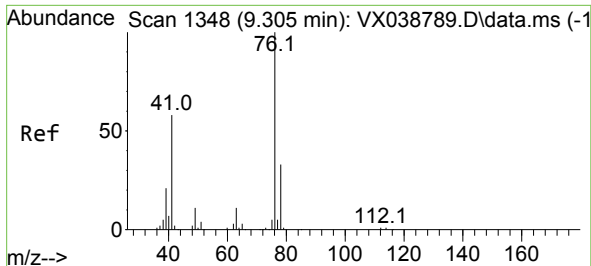
Tgt Ion: 97	Resp: 88043
Ion Ratio	Lower Upper
97 100	
83 88.1	65.8 98.8
85 56.2	41.6 62.4
99 62.9	47.8 71.8



#56
 Ethyl methacrylate
 Concen: 50.830 ug/l
 RT: 9.116 min Scan# 1317
 Delta R.T. 0.000 min
 Lab File: VX038942.D
 Acq: 18 Nov 2023 20:32

Tgt Ion: 69	Resp: 149785
Ion Ratio	Lower Upper
69 100	
41 67.3	56.8 85.2
39 39.3	32.0 48.0





#57

1,3-Dichloropropane

Concen: 51.002 ug/l

RT: 9.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038942.D

Acq: 18 Nov 2023 20:32

Instrument :

MSVOA_X

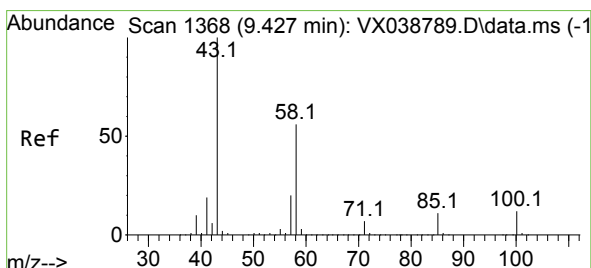
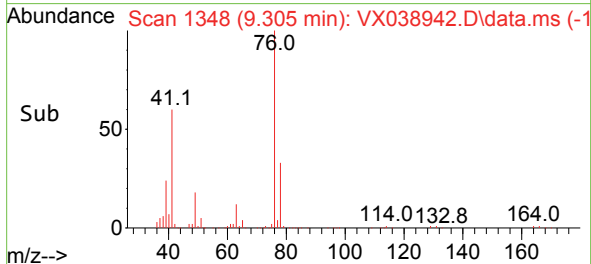
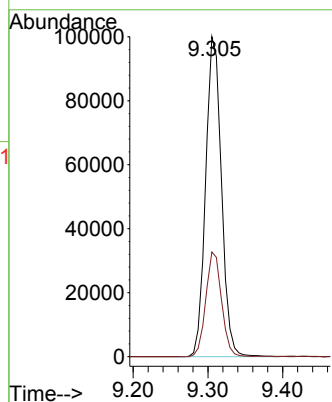
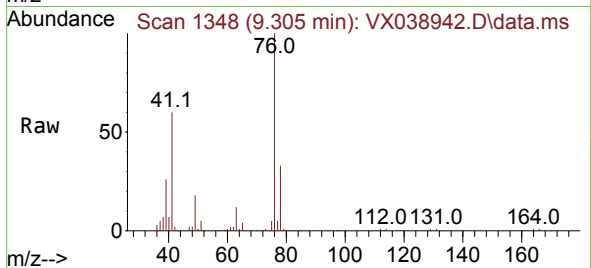
ClientSampleId :

Tgt Ion: 76 Resp: 146904

Ion Ratio Lower Upper

76 100

78 32.7 26.1 39.1



#59

2-Hexanone

Concen: 273.666 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX038942.D

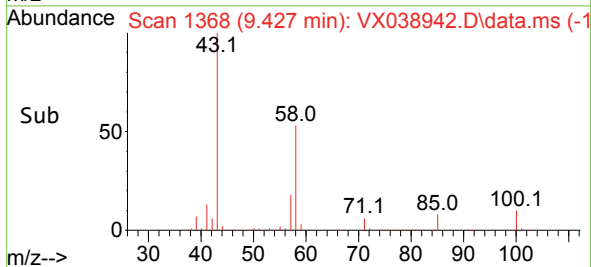
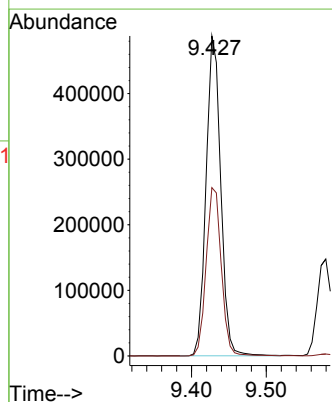
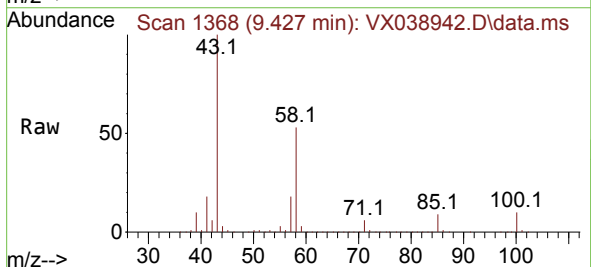
Acq: 18 Nov 2023 20:32

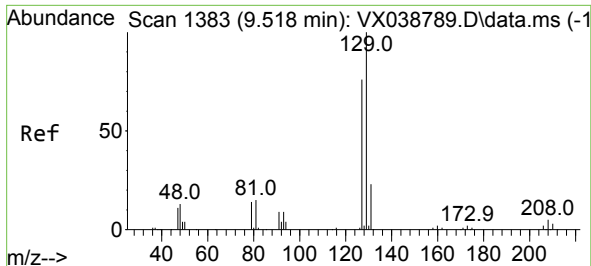
Tgt Ion: 43 Resp: 663758

Ion Ratio Lower Upper

43 100

58 54.5 26.2 78.5

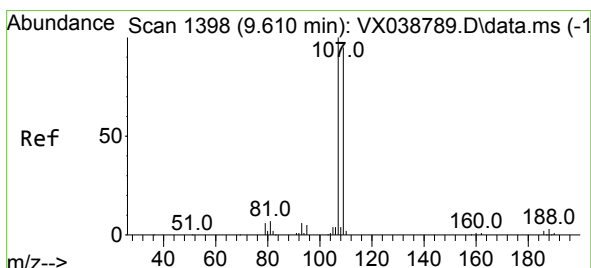
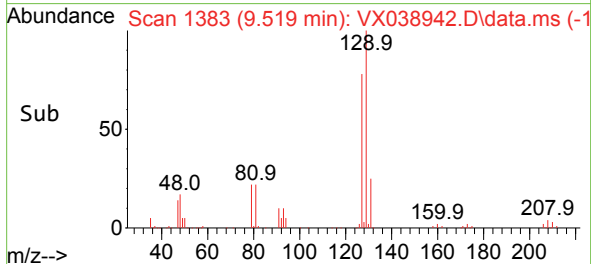
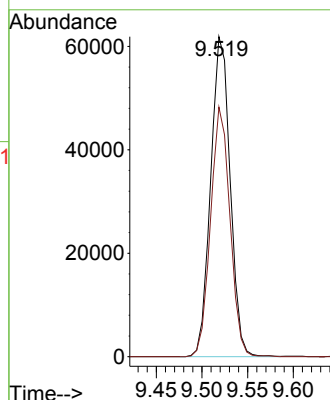
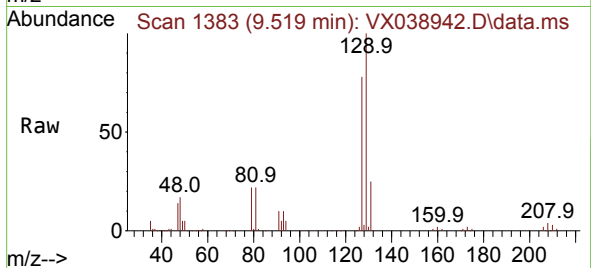




#60
Dibromochloromethane
Concen: 51.694 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX038942.D
Acq: 18 Nov 2023 20:32

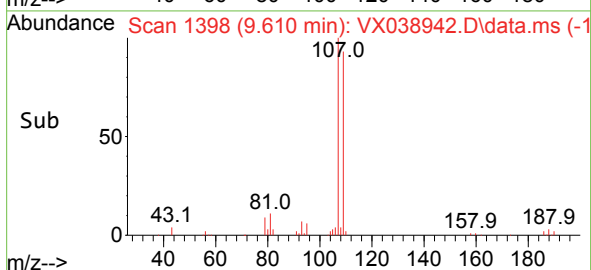
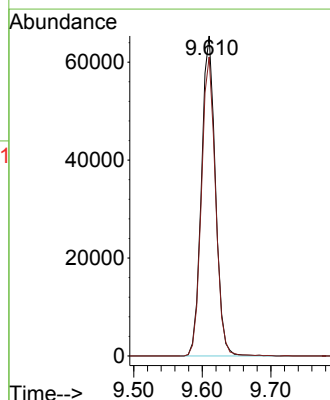
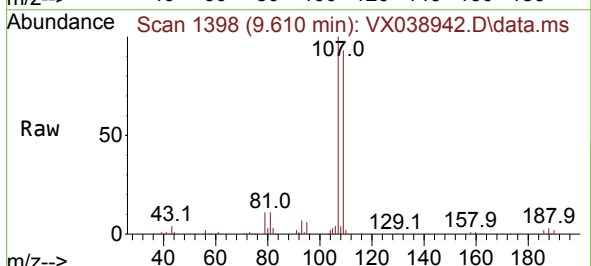
Instrument :
MSVOA_X
ClientSampleId :

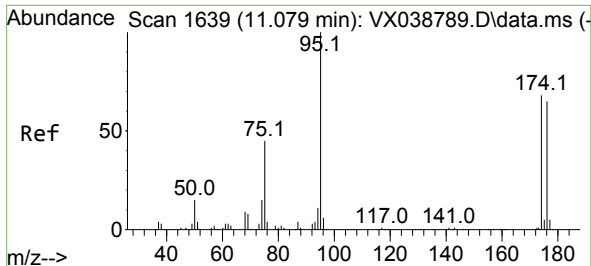
Tgt Ion:129 Resp: 91543
Ion Ratio Lower Upper
129 100
127 77.6 38.8 116.4



#61
1,2-Dibromoethane
Concen: 50.809 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038942.D
Acq: 18 Nov 2023 20:32

Tgt Ion:107 Resp: 92856
Ion Ratio Lower Upper
107 100
109 94.2 75.2 112.8

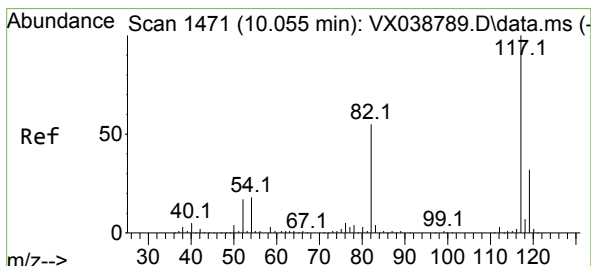
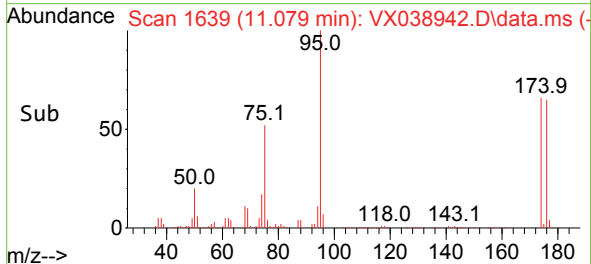
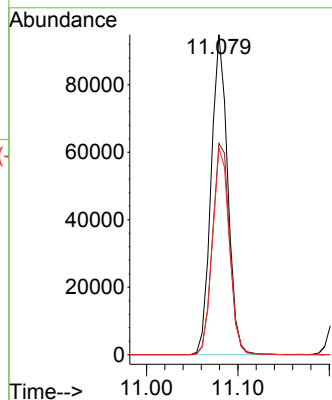
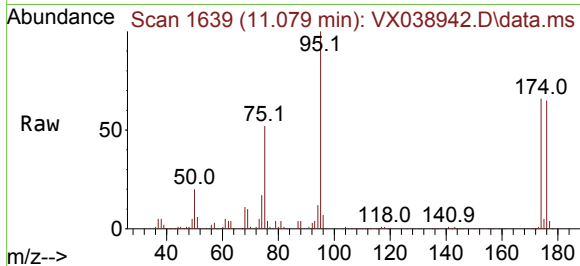




#62
4-Bromofluorobenzene
Concen: 48.826 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038942.D
Acq: 18 Nov 2023 20:32

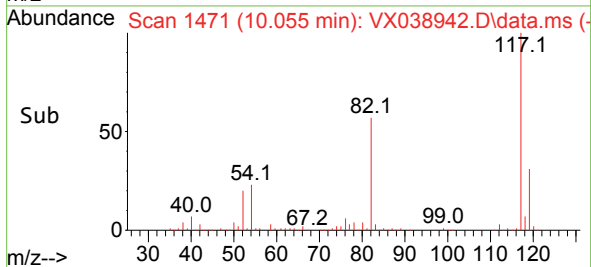
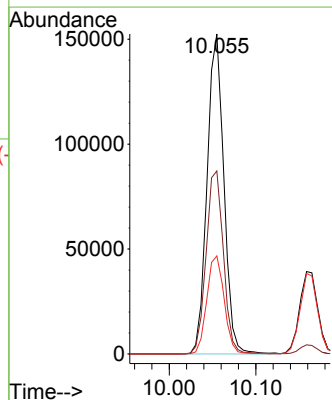
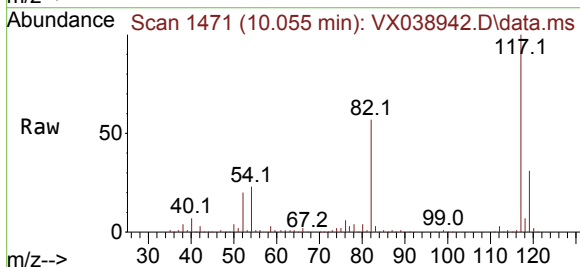
Instrument :
MSVOA_X
ClientSampleId :

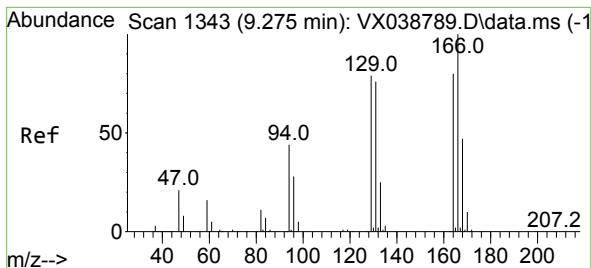
Tgt Ion: 95 Resp: 118660
Ion Ratio Lower Upper
95 100
174 68.6 0.0 135.6
176 66.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038942.D
Acq: 18 Nov 2023 20:32

Tgt Ion: 117 Resp: 205405
Ion Ratio Lower Upper
117 100
82 57.2 46.2 69.4
119 30.7 25.5 38.3





#64

Tetrachloroethene

Concen: 48.953 ug/l

RT: 9.275 min Scan# 11

Delta R.T. 0.000 min

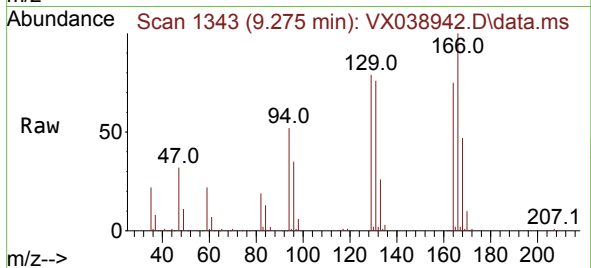
Lab File: VX038942.D

Acq: 18 Nov 2023 20:32

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:164 Resp: 62501

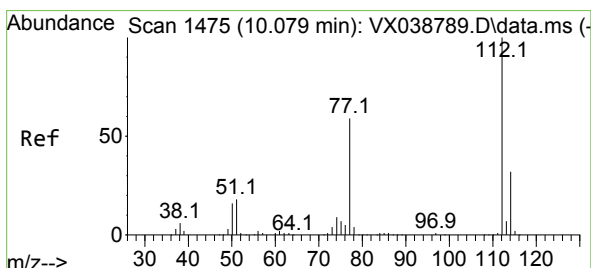
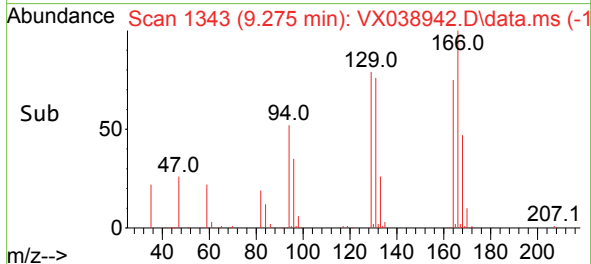
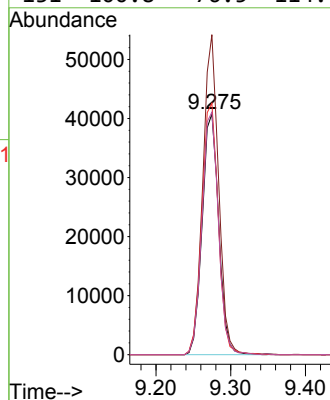
Ion Ratio Lower Upper

164 100

166 132.9 102.7 154.1

129 104.5 80.4 120.6

131 100.8 76.5 114.7



#65

Chlorobenzene

Concen: 48.863 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX038942.D

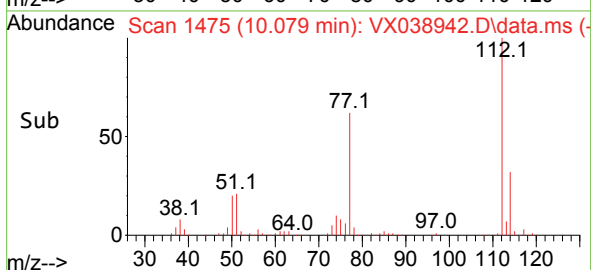
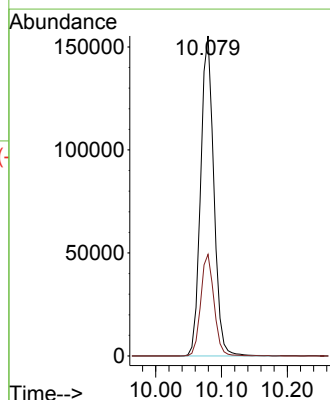
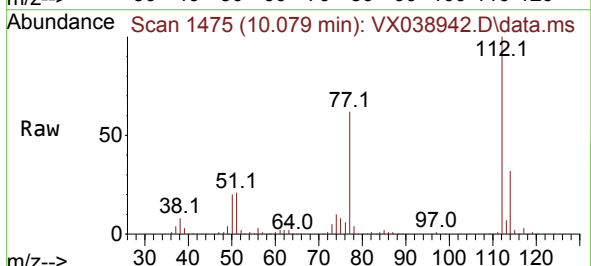
Acq: 18 Nov 2023 20:32

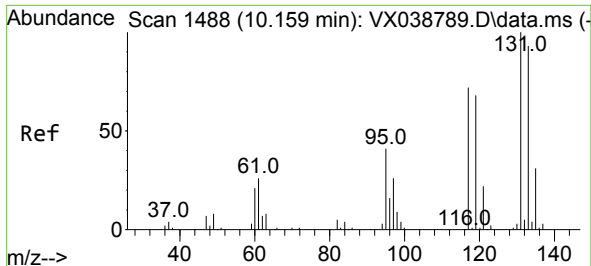
Tgt Ion:112 Resp: 216201

Ion Ratio Lower Upper

112 100

114 31.8 25.7 38.5

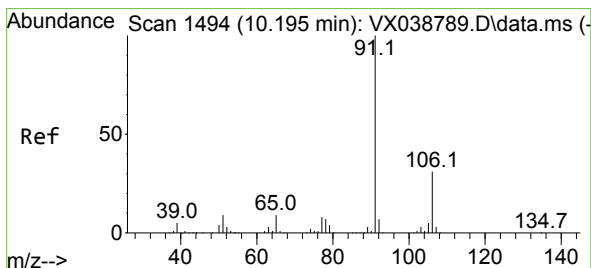
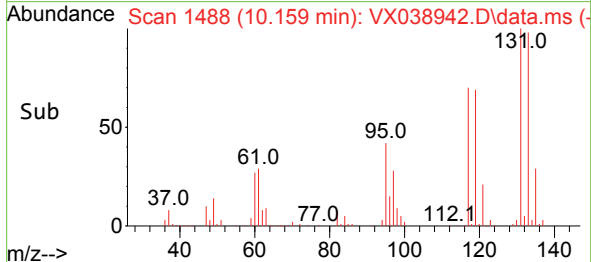
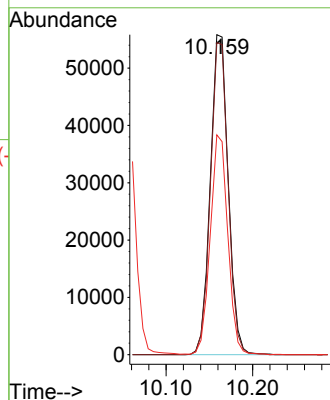
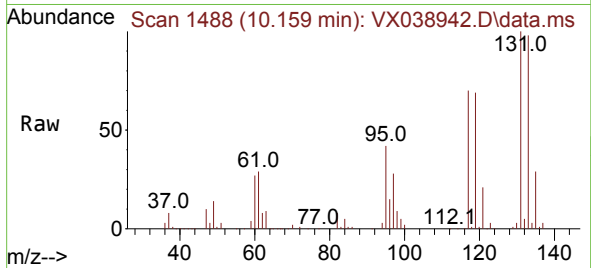




#66
1,1,1,2-Tetrachloroethane
Concen: 50.449 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX038942.D
Acq: 18 Nov 2023 20:32

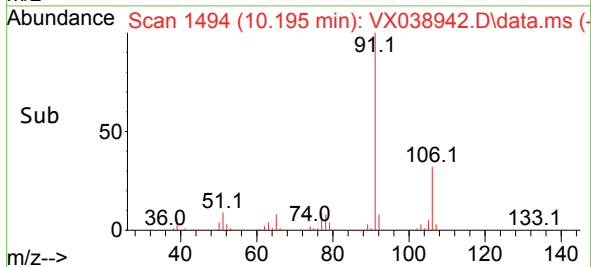
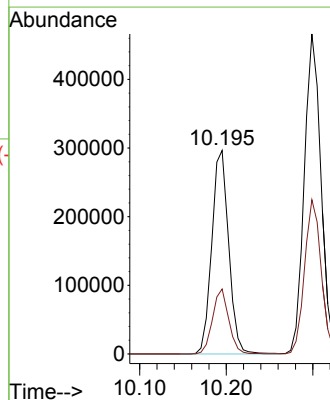
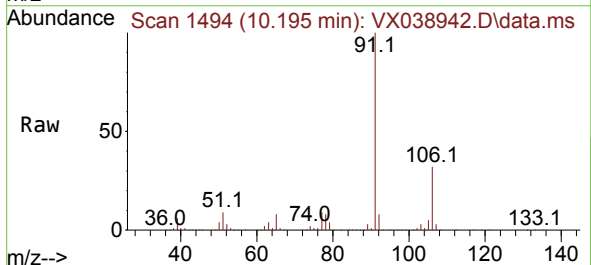
Instrument :
MSVOA_X
ClientSampleId :

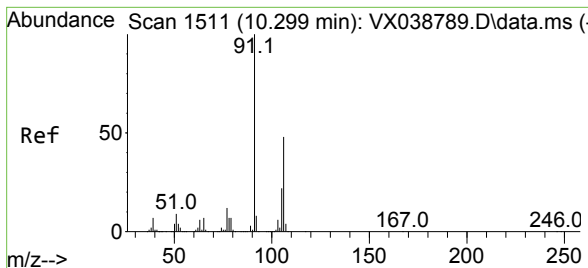
Tgt Ion:131 Resp: 80296
Ion Ratio Lower Upper
131 100
133 96.2 47.1 141.4
119 67.3 32.2 96.6



#67
Ethyl Benzene
Concen: 49.432 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038942.D
Acq: 18 Nov 2023 20:32

Tgt Ion: 91 Resp: 401842
Ion Ratio Lower Upper
91 100
106 31.9 24.9 37.3

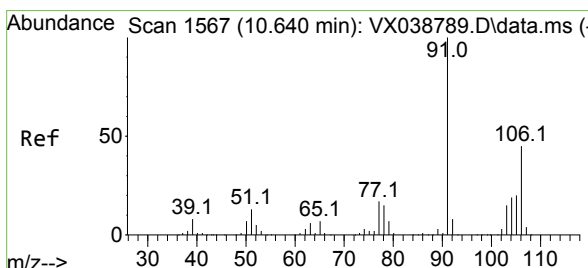
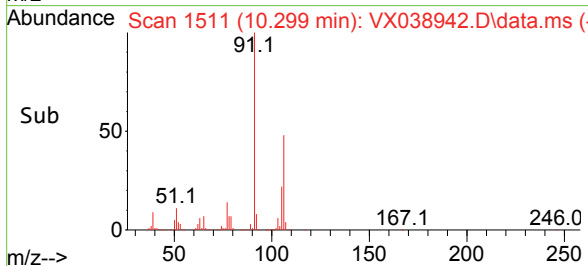
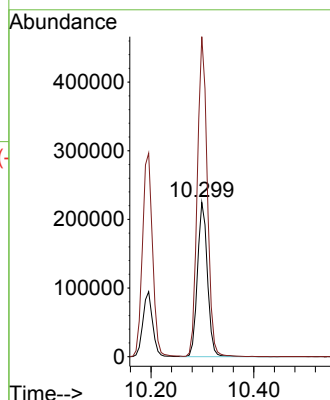
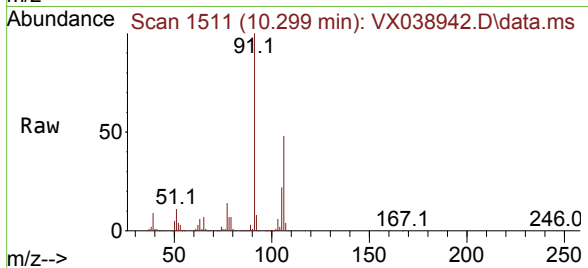




#68
m/p-Xylenes
Concen: 98.514 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX038942.D
Acq: 18 Nov 2023 20:32

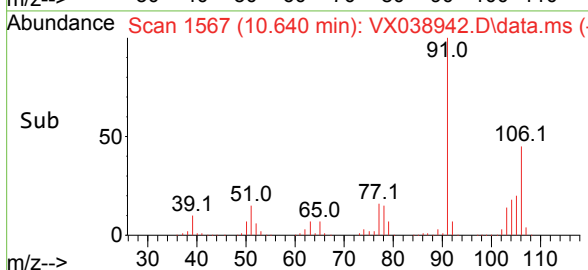
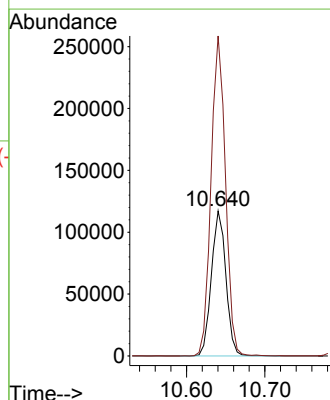
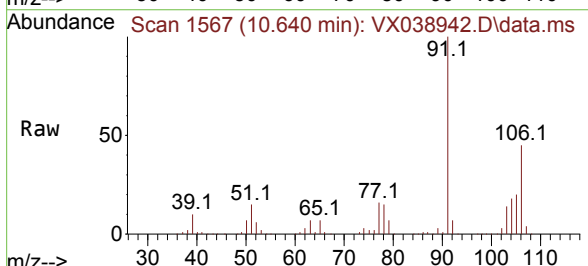
Instrument :
MSVOA_X
ClientSampleId :

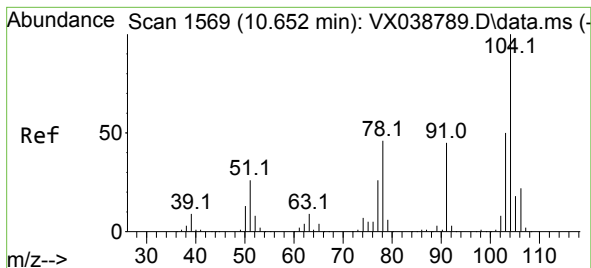
Tgt Ion:106 Resp: 302939
Ion Ratio Lower Upper
106 100
91 207.2 165.5 248.3



#69
o-Xylene
Concen: 49.367 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038942.D
Acq: 18 Nov 2023 20:32

Tgt Ion:106 Resp: 150214
Ion Ratio Lower Upper
106 100
91 219.2 108.9 326.8





#70

Styrene

Concen: 49.235 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX038942.D

Acq: 18 Nov 2023 20:32

Instrument :

MSVOA_X

ClientSampleId :

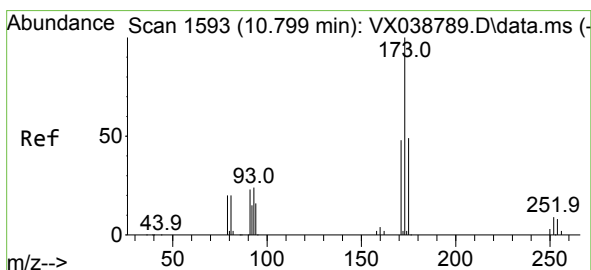
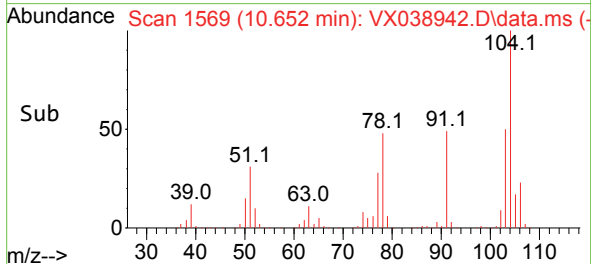
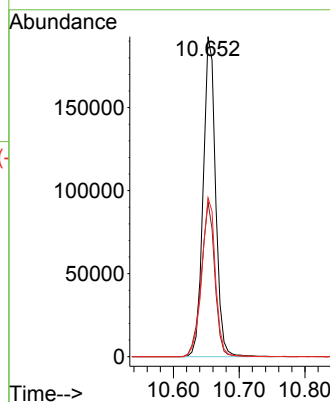
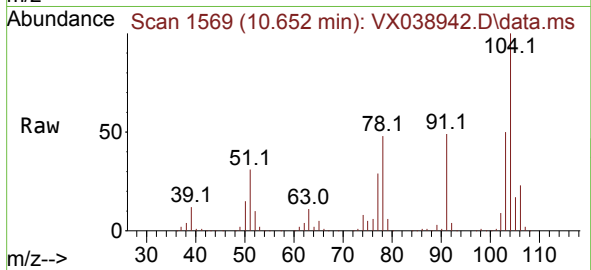
Tgt Ion:104 Resp: 253008

Ion Ratio Lower Upper

104 100

78 52.6 43.6 65.4

103 54.7 43.6 65.4



#71

Bromoform

Concen: 50.764 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX038942.D

Acq: 18 Nov 2023 20:32

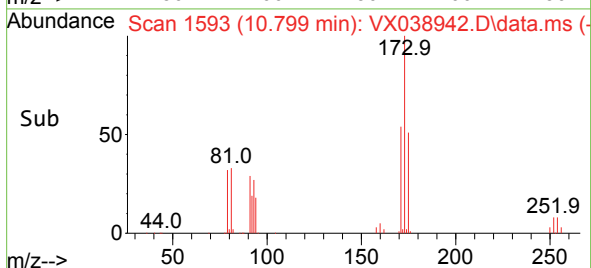
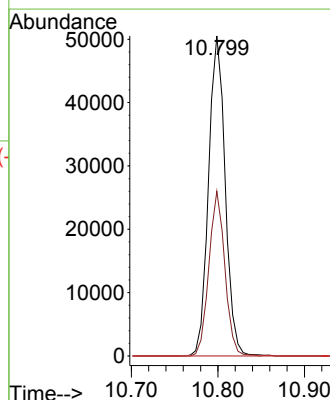
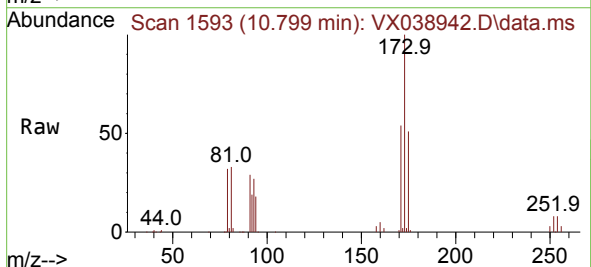
Tgt Ion:173 Resp: 67356

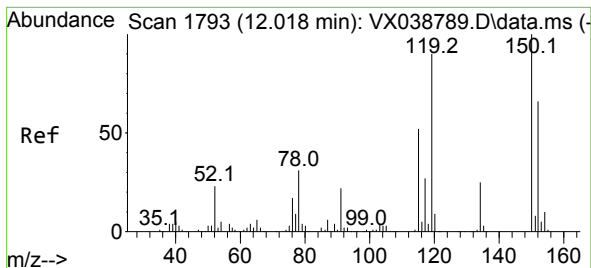
Ion Ratio Lower Upper

173 100

175 49.3 24.1 72.4

254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038942.D

Acq: 18 Nov 2023 20:32

Instrument :

MSVOA_X

ClientSampleId :

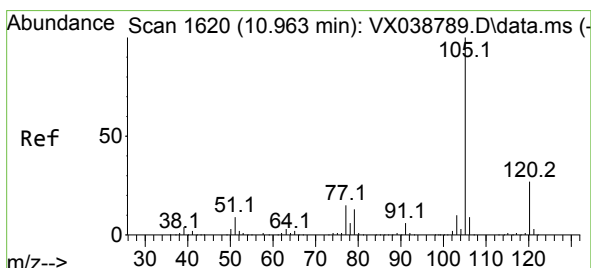
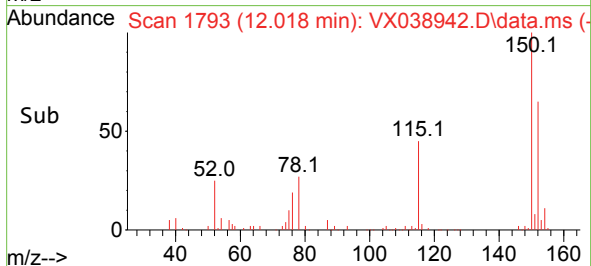
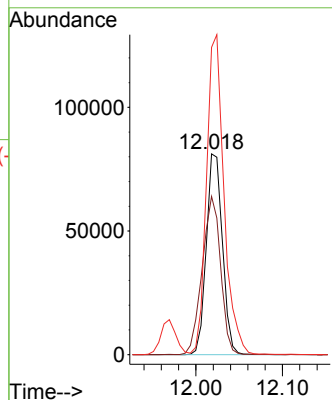
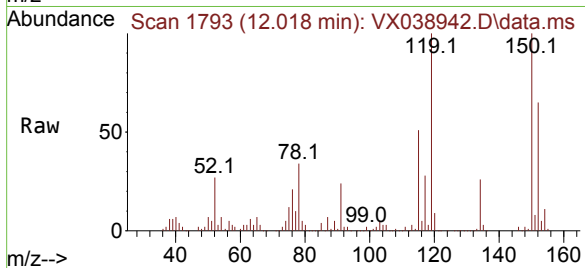
Tgt Ion:152 Resp: 105143

Ion Ratio Lower Upper

152 100

115 90.1 43.3 129.9

150 172.0 0.0 345.0



#73

Isopropylbenzene

Concen: 47.207 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX038942.D

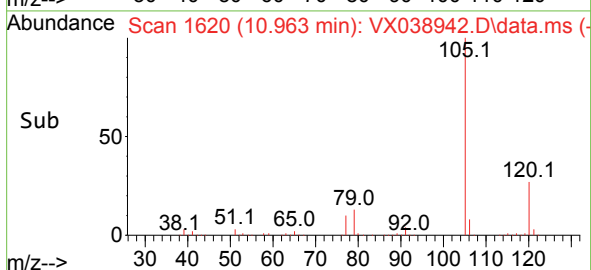
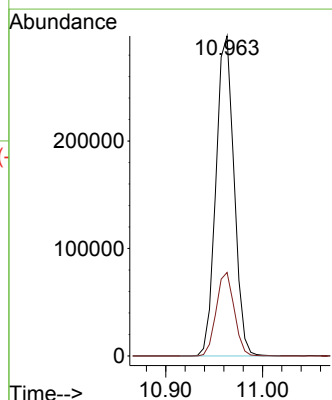
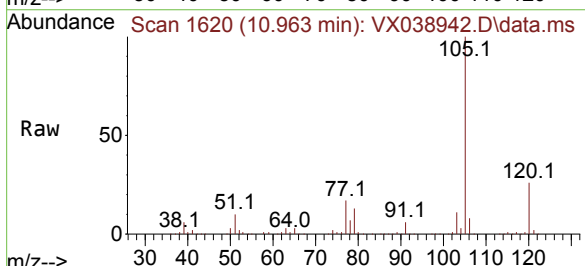
Acq: 18 Nov 2023 20:32

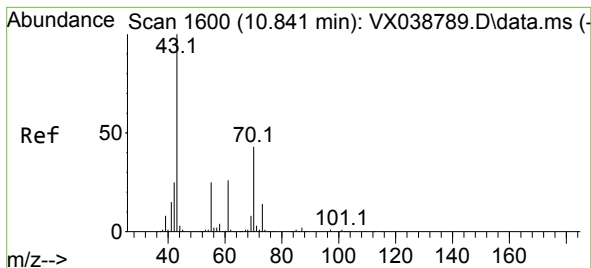
Tgt Ion:105 Resp: 386727

Ion Ratio Lower Upper

105 100

120 26.0 12.9 38.6





#74

N-ethyl acetate

Concen: 45.644 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX038942.D

Acq: 18 Nov 2023 20:32

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 43 Resp: 197661

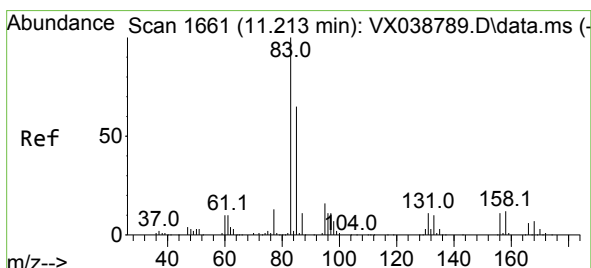
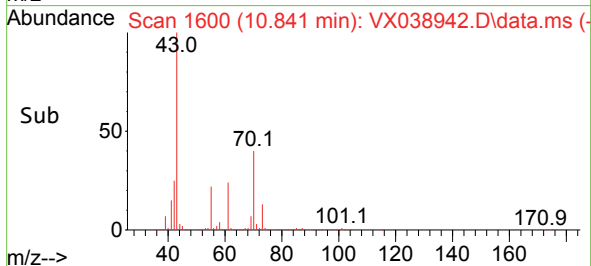
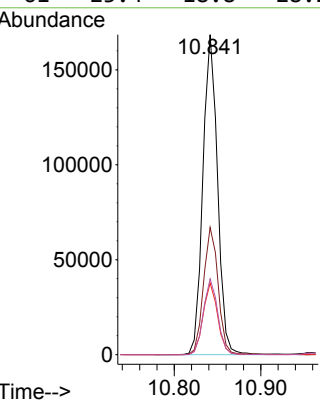
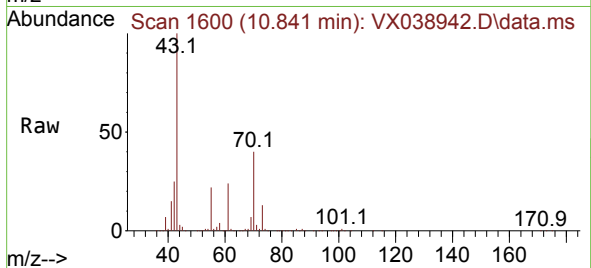
Ion Ratio Lower Upper

43 100

70 40.0 32.9 49.3

55 22.3 19.3 28.9

61 23.4 18.8 28.2



#75

1,1,2,2-Tetrachloroethane

Concen: 48.515 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX038942.D

Acq: 18 Nov 2023 20:32

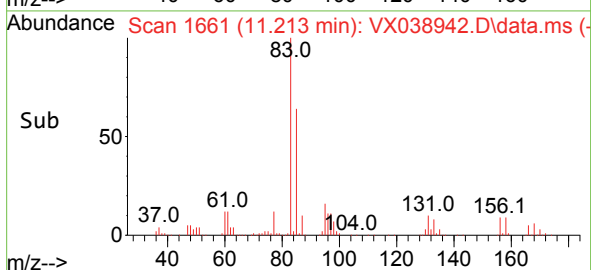
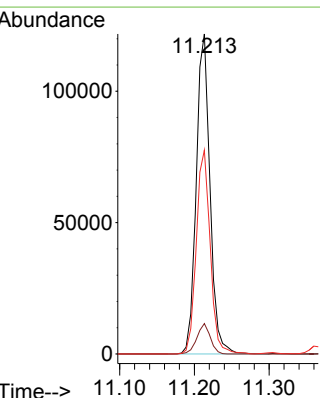
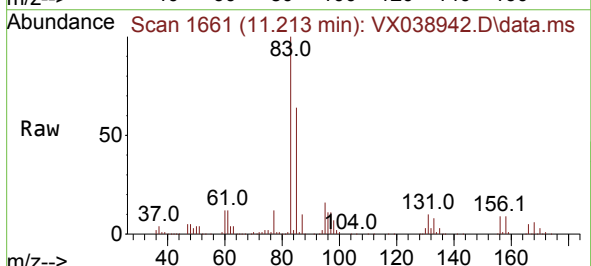
Tgt Ion: 83 Resp: 155147

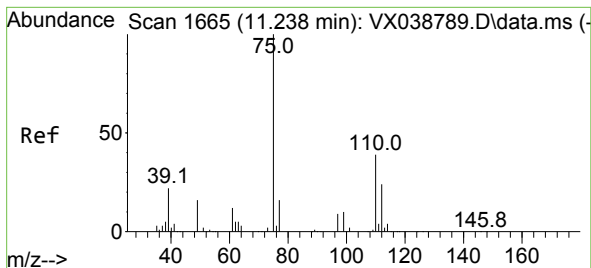
Ion Ratio Lower Upper

83 100

131 9.3 5.3 15.8

85 64.6 32.0 96.2





#76

1,2,3-Trichloropropane

Concen: 67.953 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX038942.D

Acq: 18 Nov 2023 20:32

Instrument :

MSVOA_X

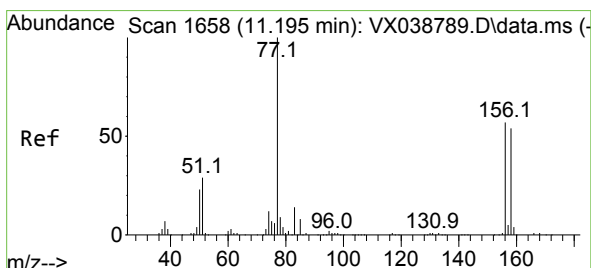
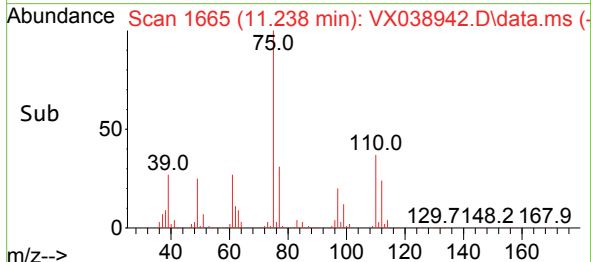
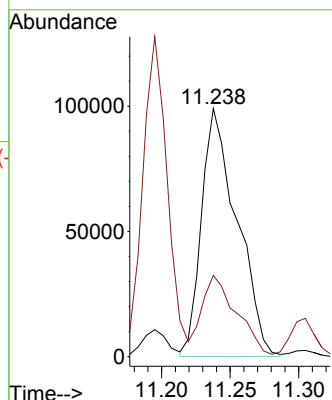
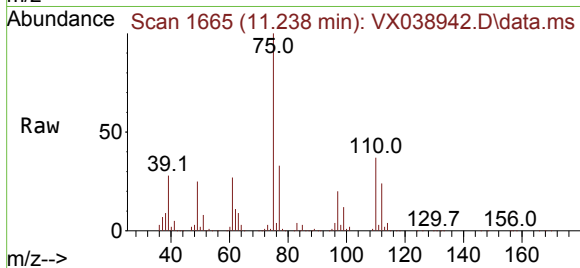
ClientSampleId :

Tgt Ion: 75 Resp: 178261

Ion Ratio Lower Upper

75 100

77 32.4 19.1 57.5



#77

Bromobenzene

Concen: 47.719 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX038942.D

Acq: 18 Nov 2023 20:32

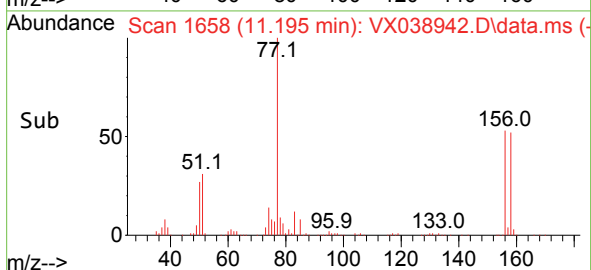
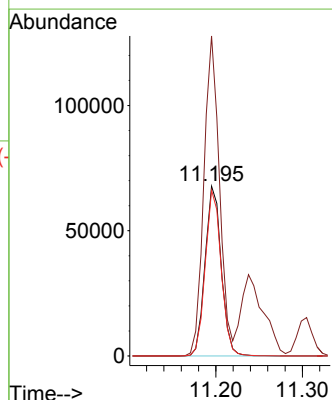
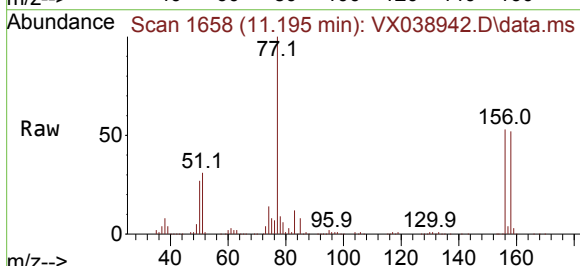
Tgt Ion: 156 Resp: 87839

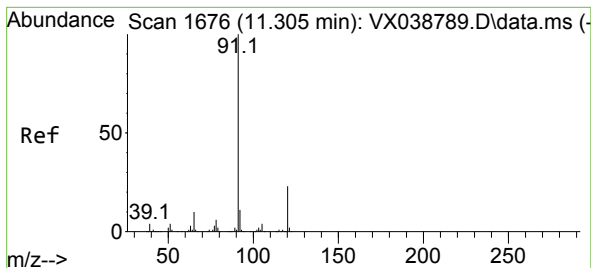
Ion Ratio Lower Upper

156 100

77 182.0 88.4 265.3

158 96.2 48.0 144.0





#78

n-propylbenzene

Concen: 47.341 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX038942.D

Acq: 18 Nov 2023 20:32

Instrument :

MSVOA_X

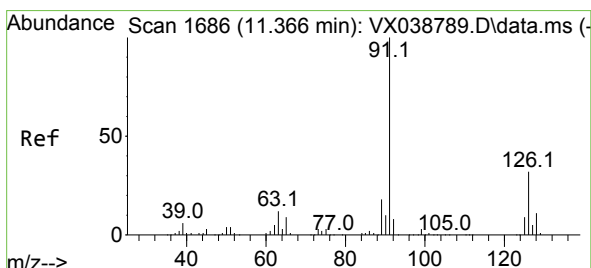
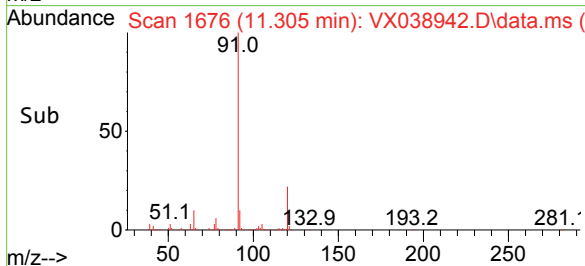
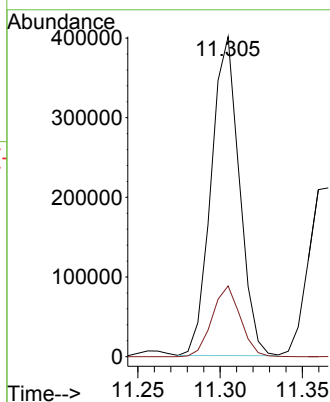
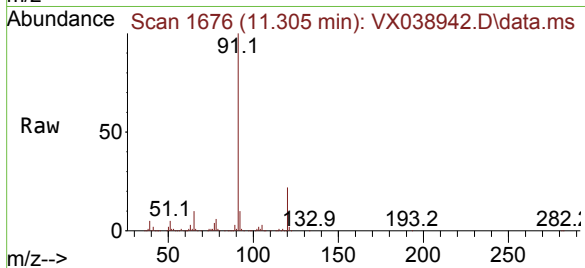
ClientSampleId :

Tgt Ion: 91 Resp: 477371

Ion Ratio Lower Upper

91 100

120 22.2 11.5 34.4



#79

2-Chlorotoluene

Concen: 46.612 ug/l

RT: 11.366 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VX038942.D

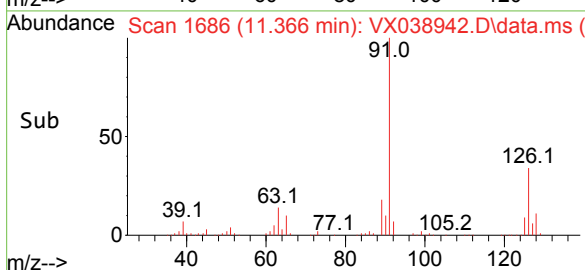
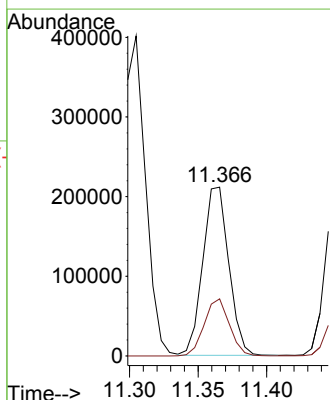
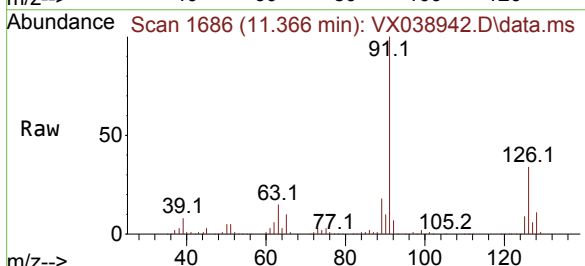
Acq: 18 Nov 2023 20:32

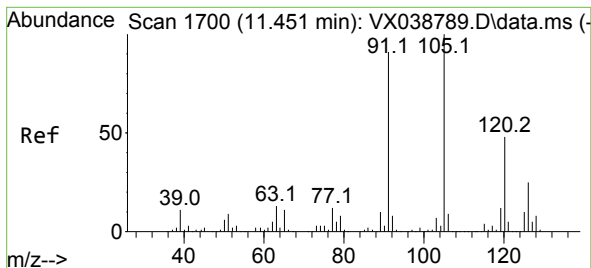
Tgt Ion: 91 Resp: 278938

Ion Ratio Lower Upper

91 100

126 32.9 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 48.363 ug/l

RT: 11.451 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038942.D

Acq: 18 Nov 2023 20:32

Instrument :

MSVOA_X

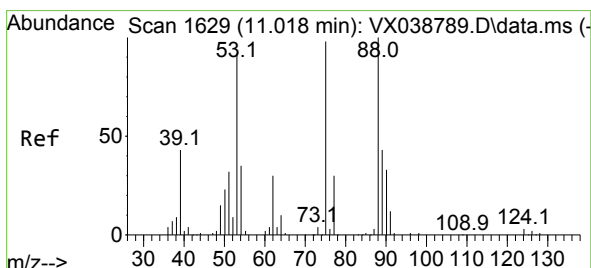
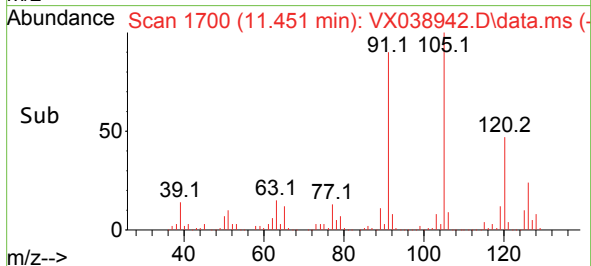
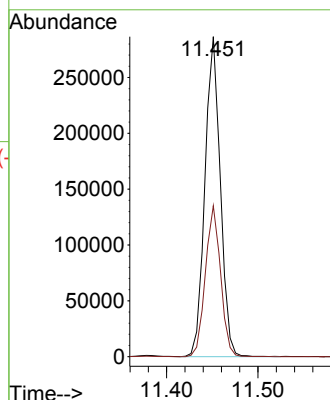
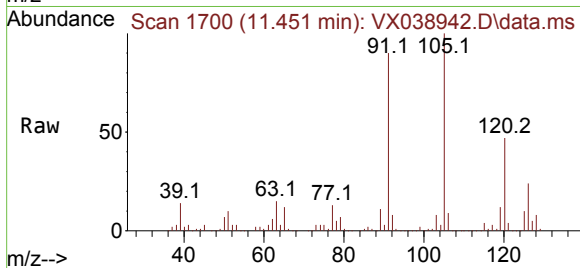
ClientSampleId :

Tgt Ion:105 Resp: 333131

Ion Ratio Lower Upper

105 100

120 46.7 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 42.911 ug/l

RT: 11.018 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VX038942.D

Acq: 18 Nov 2023 20:32

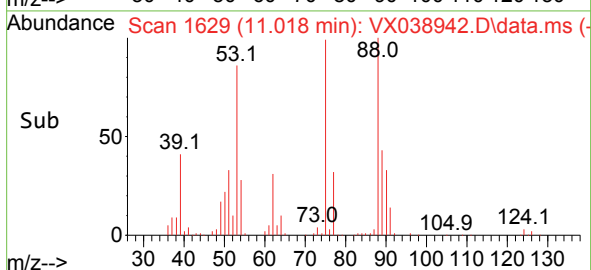
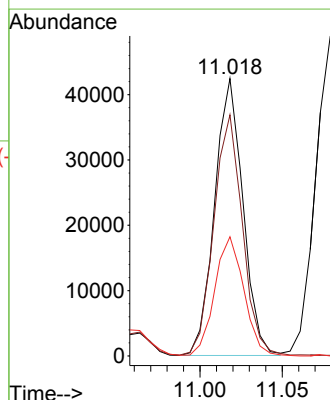
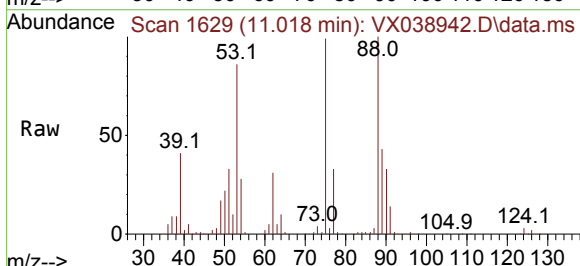
Tgt Ion: 75 Resp: 50750

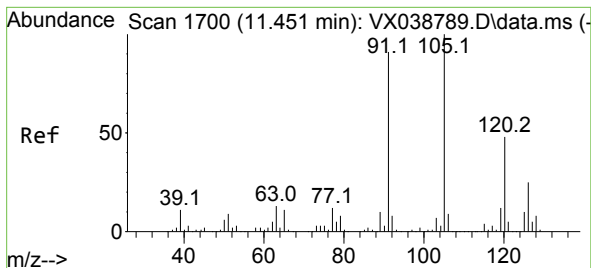
Ion Ratio Lower Upper

75 100

53 87.8 90.5 135.7#

89 44.5 36.9 55.3

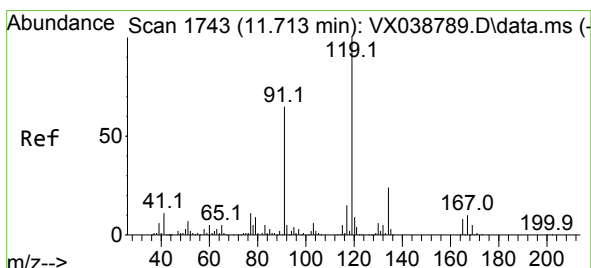
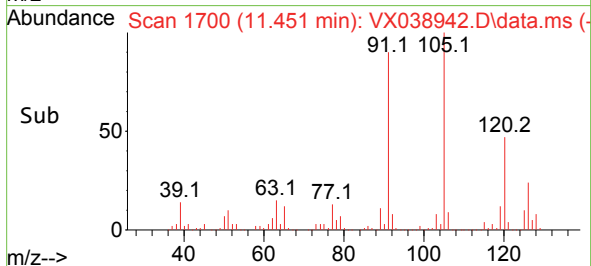
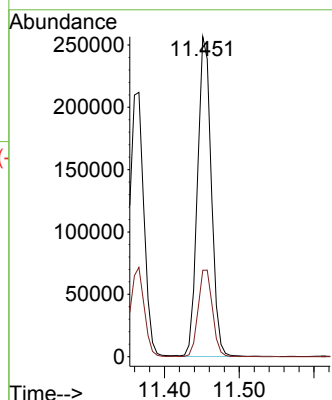
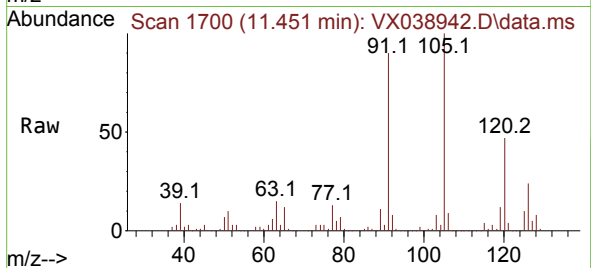




#82
4-Chlorotoluene
Concen: 47.573 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038942.D
Acq: 18 Nov 2023 20:32

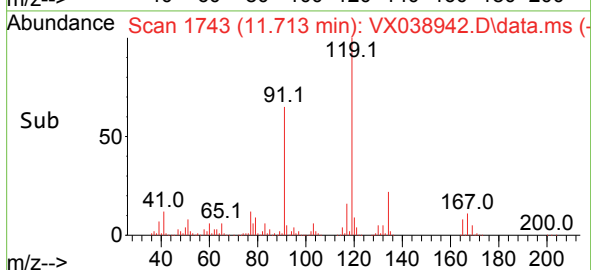
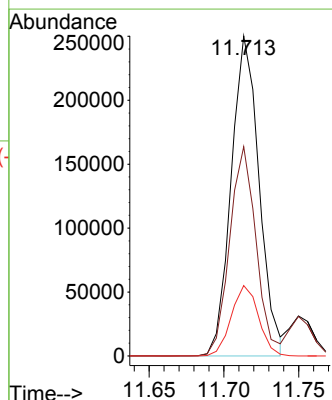
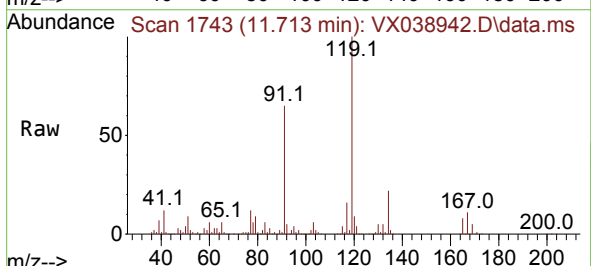
Instrument :
MSVOA_X
ClientSampleId :

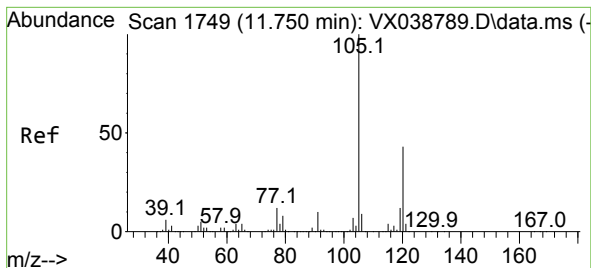
Tgt Ion: 91 Resp: 328260
Ion Ratio Lower Upper
91 100
126 28.2 14.2 42.6



#83
tert-Butylbenzene
Concen: 47.879 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX038942.D
Acq: 18 Nov 2023 20:32

Tgt Ion: 119 Resp: 324802
Ion Ratio Lower Upper
119 100
91 62.1 31.2 93.6
134 21.5 11.7 35.0





#84

1,2,4-Trimethylbenzene

Concen: 48.201 ug/l

RT: 11.750 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038942.D

Acq: 18 Nov 2023 20:32

Instrument :

MSVOA_X

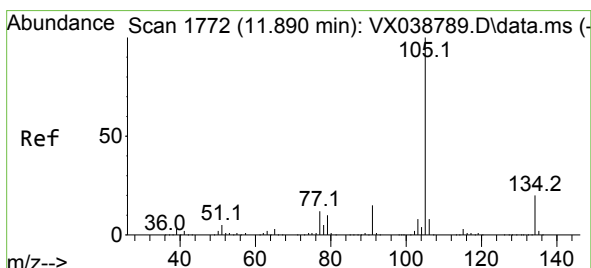
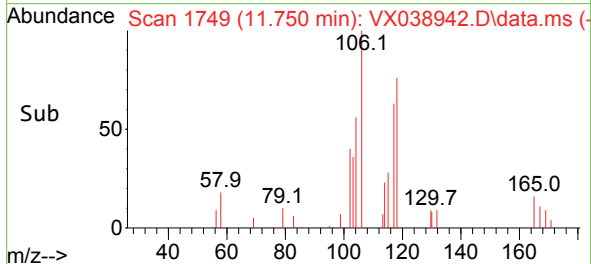
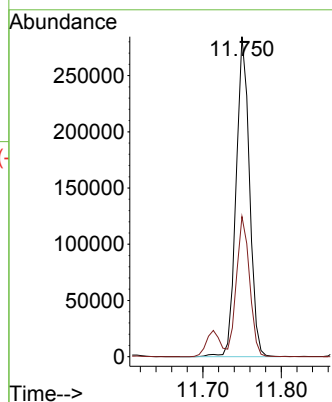
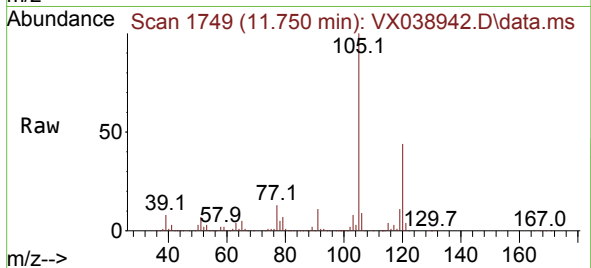
ClientSampleId :

Tgt Ion:105 Resp: 336047

Ion Ratio Lower Upper

105 100

120 42.8 21.2 63.6



#85

sec-Butylbenzene

Concen: 46.953 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX038942.D

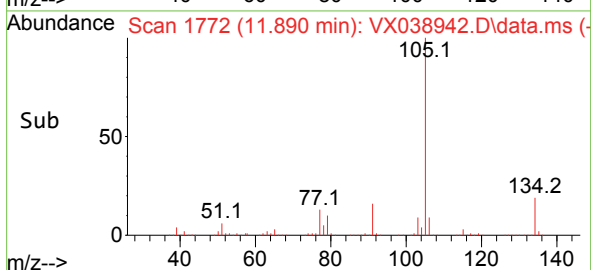
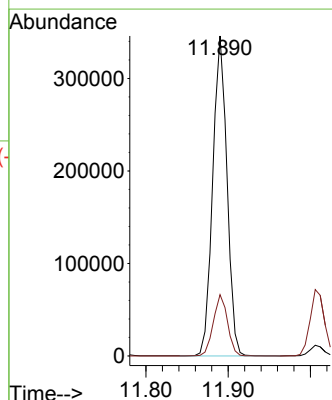
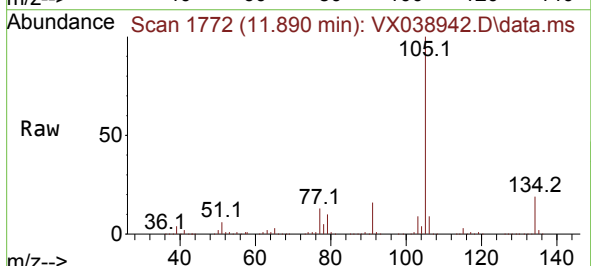
Acq: 18 Nov 2023 20:32

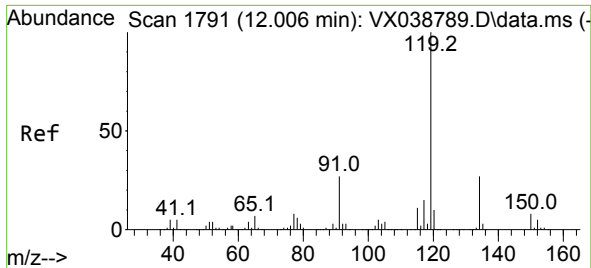
Tgt Ion:105 Resp: 416636

Ion Ratio Lower Upper

105 100

134 19.0 9.8 29.4

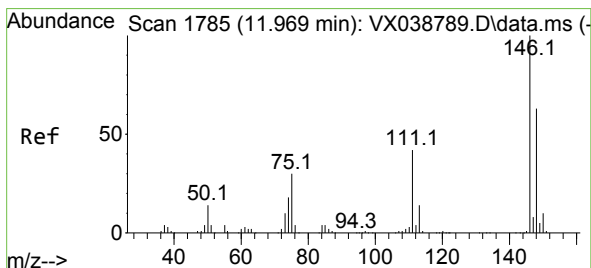
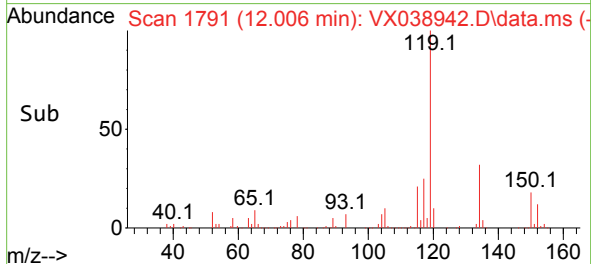
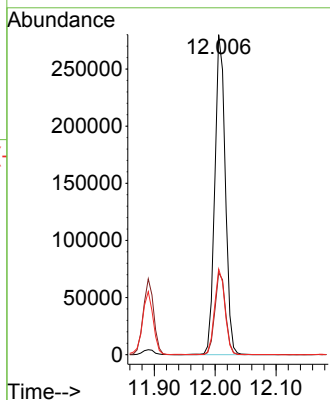
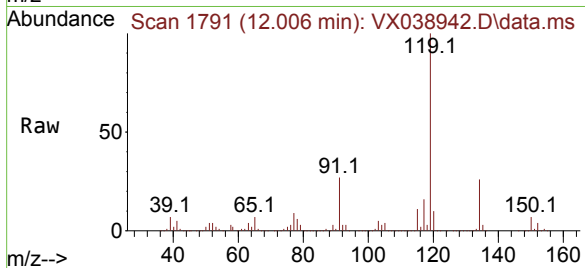




#86
 p-Isopropyltoluene
 Concen: 46.823 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX038942.D
 Acq: 18 Nov 2023 20:32

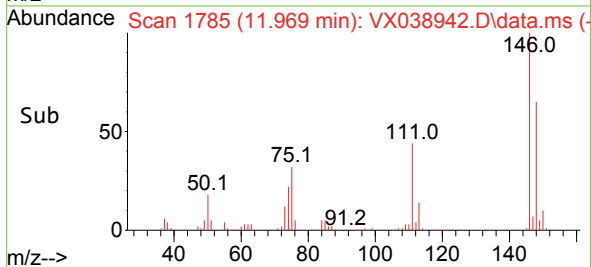
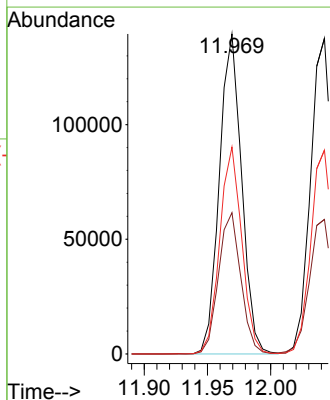
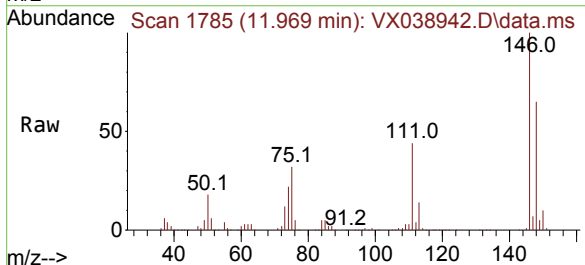
Instrument :
 MSVOA_X
 ClientSampleId :

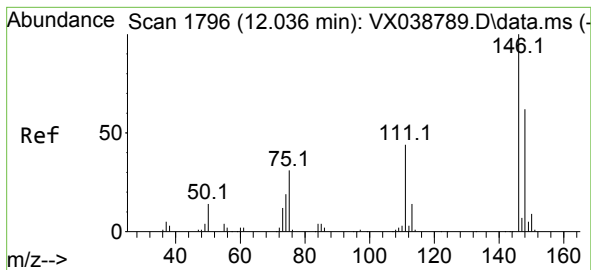
Tgt Ion:119 Resp: 333528
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.3
 91 26.4 13.1 39.3



#87
 1,3-Dichlorobenzene
 Concen: 47.312 ug/l
 RT: 11.969 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: VX038942.D
 Acq: 18 Nov 2023 20:32

Tgt Ion:146 Resp: 170540
 Ion Ratio Lower Upper
 146 100
 111 44.4 22.1 66.1
 148 64.1 31.8 95.3





#88

1,4-Dichlorobenzene

Concen: 46.703 ug/l

RT: 12.042 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX038942.D

Acq: 18 Nov 2023 20:32

Instrument :

MSVOA_X

ClientSampleId :

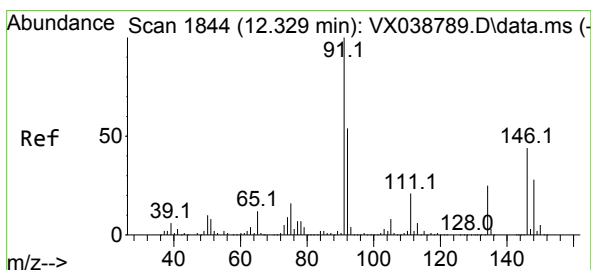
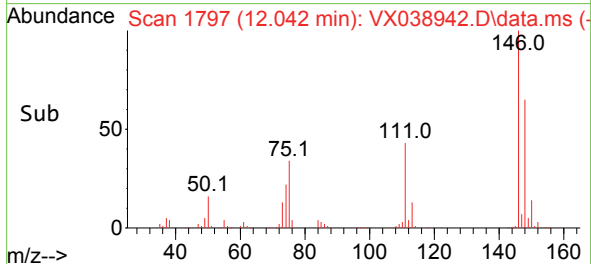
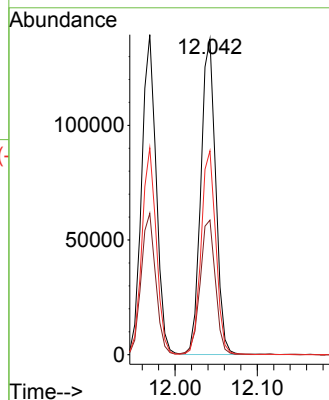
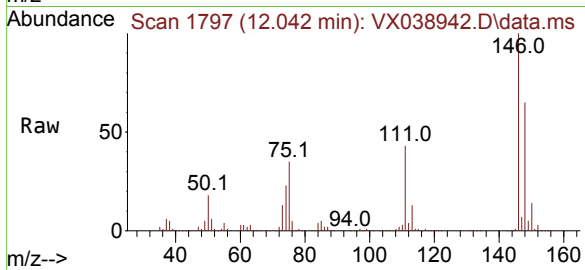
Tgt Ion:146 Resp: 172300

Ion Ratio Lower Upper

146 100

111 44.0 21.3 63.7

148 64.5 31.8 95.4



#89

n-Butylbenzene

Concen: 45.091 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX038942.D

Acq: 18 Nov 2023 20:32

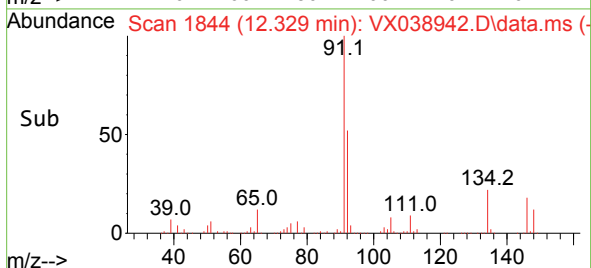
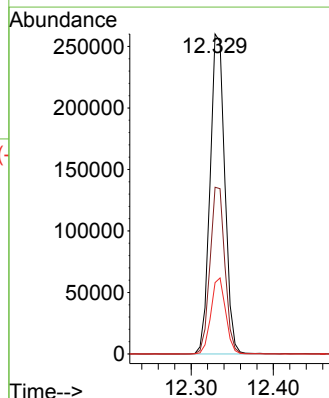
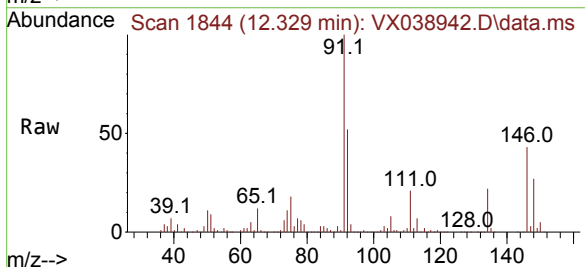
Tgt Ion: 91 Resp: 324059

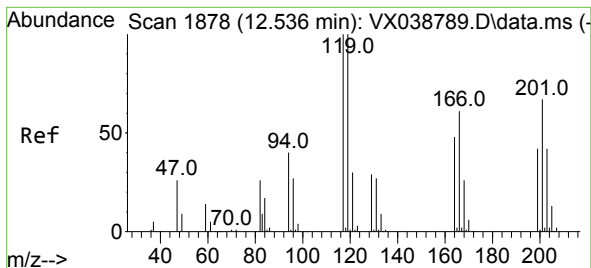
Ion Ratio Lower Upper

91 100

92 52.6 27.4 82.0

134 23.7 12.6 37.8





#90

Hexachloroethane

Concen: 47.766 ug/l

RT: 12.536 min Scan# 117

Delta R.T. 0.000 min

Lab File: VX038942.D

Acq: 18 Nov 2023 20:32

Instrument :

MSVOA_X

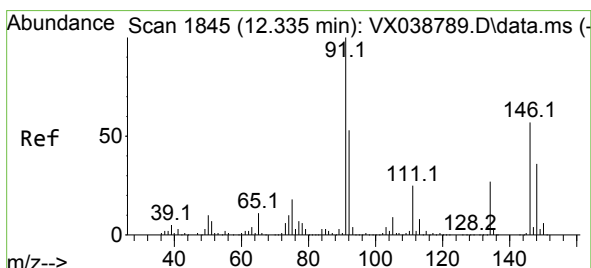
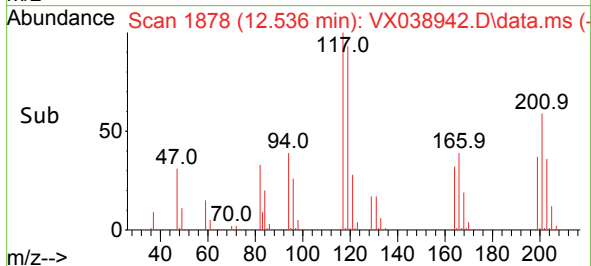
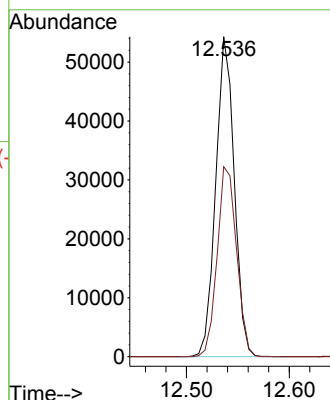
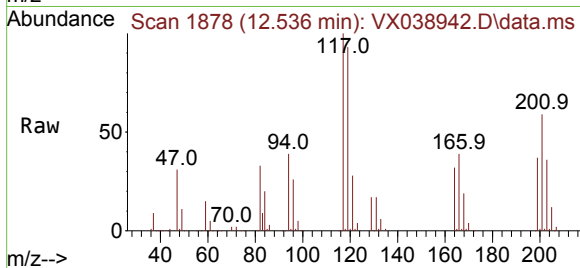
ClientSampleId :

Tgt Ion:117 Resp: 67946

Ion Ratio Lower Upper

117 100

201 62.3 32.9 98.6



#91

1,2-Dichlorobenzene

Concen: 49.154 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX038942.D

Acq: 18 Nov 2023 20:32

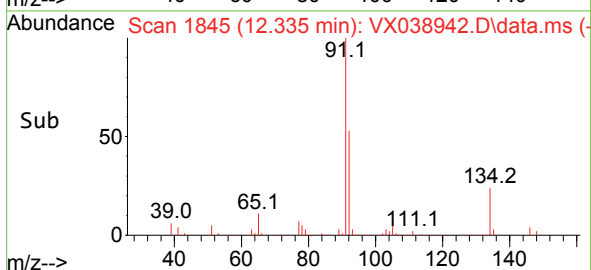
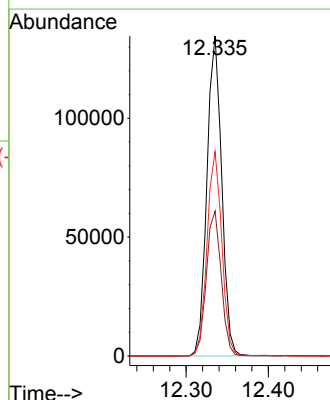
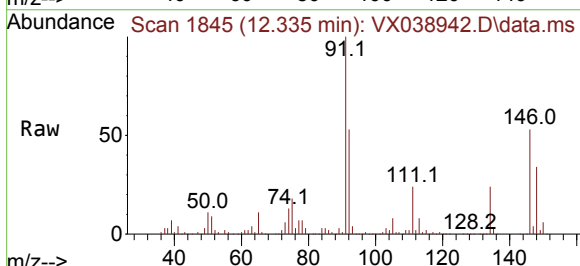
Tgt Ion:146 Resp: 168052

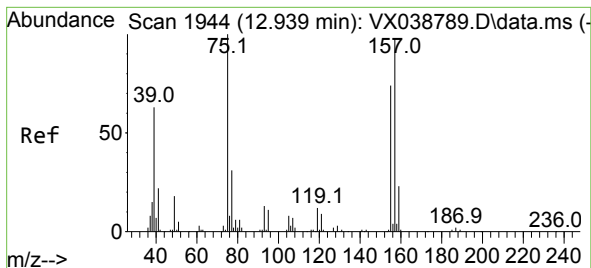
Ion Ratio Lower Upper

146 100

111 45.6 22.4 67.0

148 63.9 31.6 95.0

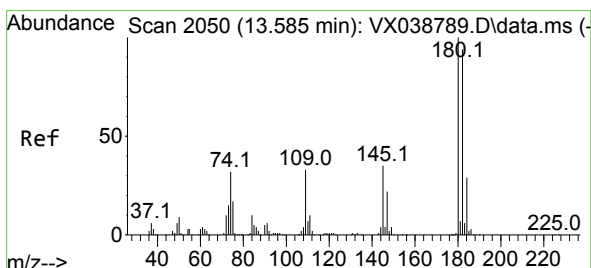
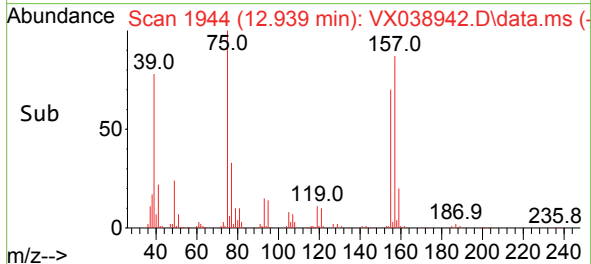
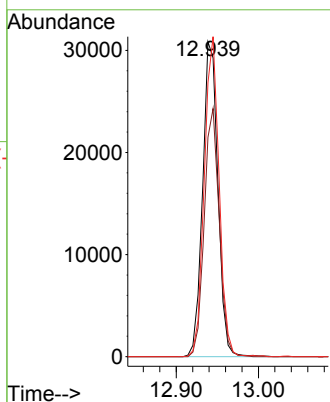
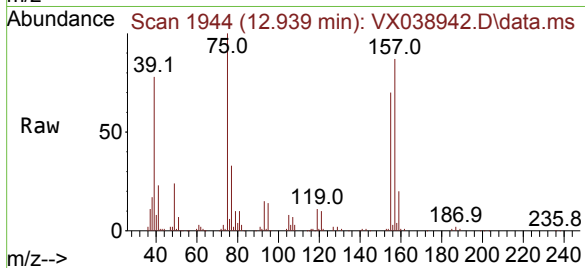




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.887 ug/l
 RT: 12.939 min Scan# 1944
 Delta R.T. 0.000 min
 Lab File: VX038942.D
 Acq: 18 Nov 2023 20:32

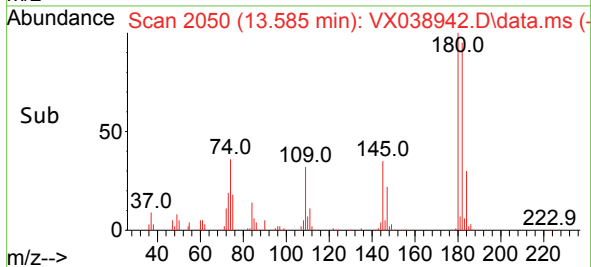
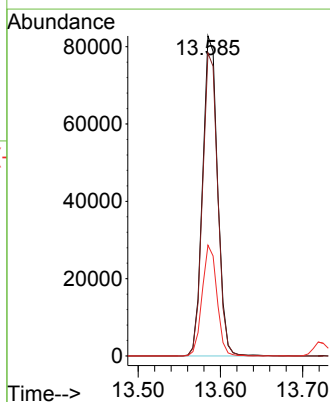
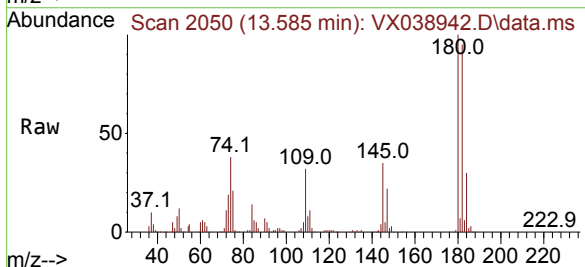
Instrument :
 MSVOA_X
 ClientSampleId :

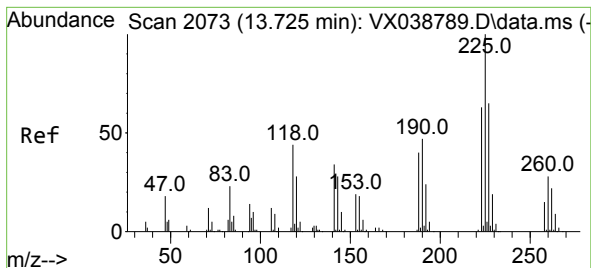
Tgt Ion: 75 Resp: 39870
 Ion Ratio Lower Upper
 75 100
 155 77.3 36.1 108.5
 157 98.6 44.9 134.7



#93
 1,2,4-Trichlorobenzene
 Concen: 45.784 ug/l
 RT: 13.585 min Scan# 2050
 Delta R.T. 0.000 min
 Lab File: VX038942.D
 Acq: 18 Nov 2023 20:32

Tgt Ion: 180 Resp: 104893
 Ion Ratio Lower Upper
 180 100
 182 95.5 48.3 144.8
 145 34.1 18.0 54.0





#94

Hexachlorobutadiene

Concen: 43.133 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX038942.D

Acq: 18 Nov 2023 20:32

Instrument :

MSVOA_X

ClientSampleId :

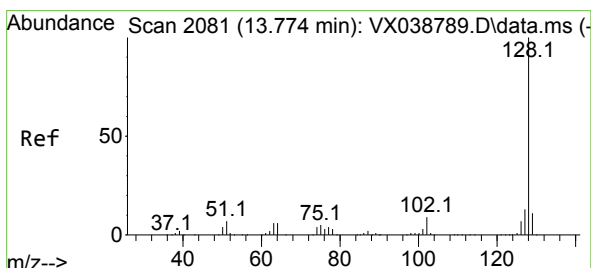
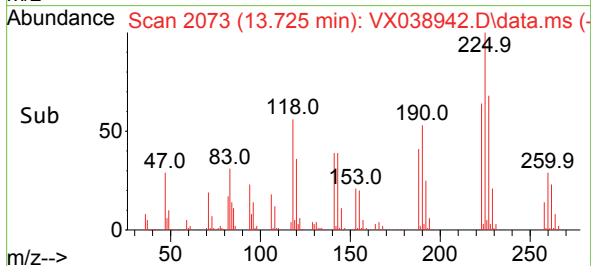
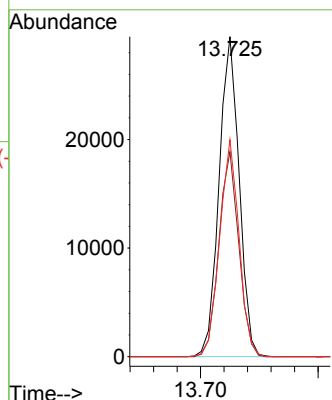
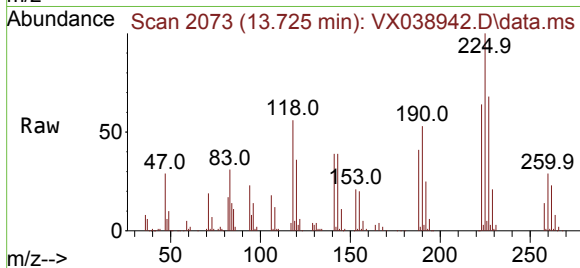
Tgt Ion:225 Resp: 34995

Ion Ratio Lower Upper

225 100

223 63.5 31.1 93.2

227 65.5 32.5 97.5



#95

Naphthalene

Concen: 47.604 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX038942.D

Acq: 18 Nov 2023 20:32

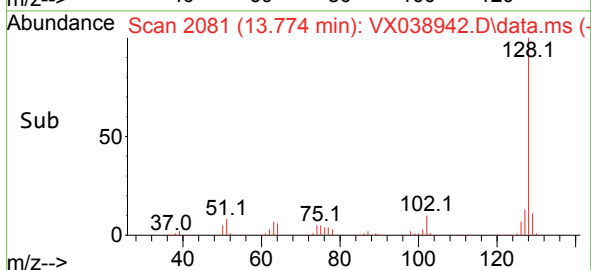
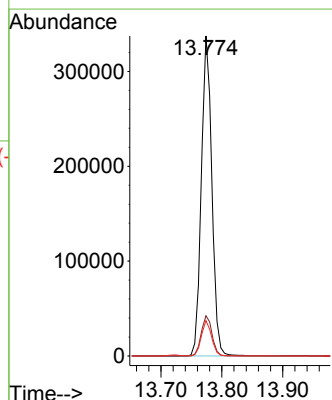
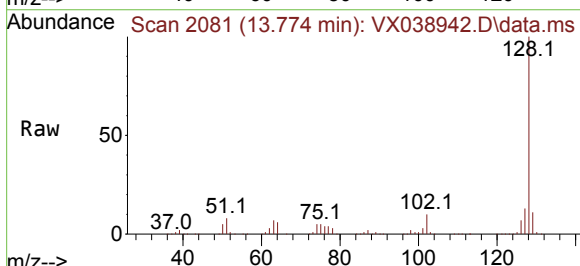
Tgt Ion:128 Resp: 406195

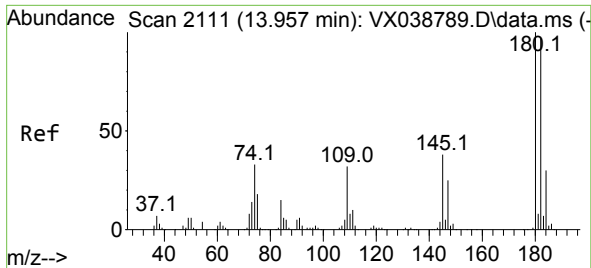
Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.7 8.8 13.2





#96

1,2,3-Trichlorobenzene

Concen: 47.189 ug/l

RT: 13.963 min Scan# 21

Delta R.T. 0.006 min

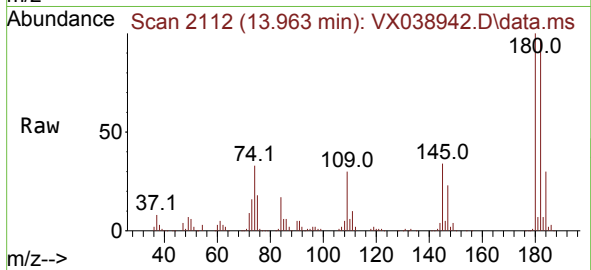
Lab File: VX038942.D

Acq: 18 Nov 2023 20:32

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 102485

Ion Ratio Lower Upper

180 100

182 95.0 46.9 140.6

145 35.8 17.8 53.5

