

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101323\
 Data File : VX038290.D
 Acq On : 13 Oct 2023 17:25
 Operator : JC/MD
 Sample : 04875-09MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-14-12-15MS

Quant Time: Oct 13 23:15:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	138857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	235958	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138082	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	104903	46.970	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.940%
35) Dibromofluoromethane	5.385	113	84415	49.649	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.300%
50) Toluene-d8	8.647	98	313910	48.316	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.640%
62) 4-Bromofluorobenzene	11.079	95	127940	51.943	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.880%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	55798	41.630	ug/l	100
3) Chloromethane	1.294	50	57771	42.290	ug/l	99
4) Vinyl Chloride	1.374	62	74276	49.039	ug/l	99
5) Bromomethane	1.599	94	100936	50.753	ug/l	99
6) Chloroethane	1.678	64	57010	51.333	ug/l	98
7) Trichlorofluoromethane	1.886	101	151999	50.806	ug/l	97
8) Diethyl Ether	2.130	74	55559	49.794	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.331	101	65483	50.138	ug/l	97
10) Methyl Iodide	2.453	142	88209	46.940	ug/l	94
11) Tert butyl alcohol	2.959	59	97099	194.485	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	62197	48.957	ug/l	87
13) Acrolein	2.233	56	74092	233.357	ug/l	100
14) Allyl chloride	2.666	41	100066	44.036	ug/l #	93
15) Acrylonitrile	3.062	53	242003	238.102	ug/l	99
16) Acetone	2.380	43	205129	220.067	ug/l	92
17) Carbon Disulfide	2.514	76	141605	38.673	ug/l	99
18) Methyl Acetate	2.703	43	192260	48.098	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	240940	47.619	ug/l	97
20) Methylene Chloride	2.788	84	77885	44.422	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	73152	46.505	ug/l	89
22) Diisopropyl ether	3.757	45	227117	47.688	ug/l	96
23) Vinyl Acetate	3.721	43	823913	235.904	ug/l	96
24) 1,1-Dichloroethane	3.611	63	132816	45.953	ug/l	98
25) 2-Butanone	4.550	43	352102	234.118	ug/l	93
26) 2,2-Dichloropropane	4.477	77	98654	43.719	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	90694	48.412	ug/l	89
28) Bromochloromethane	4.897	49	68235	52.297	ug/l	86
29) Tetrahydrofuran	5.001	42	229871	234.762	ug/l	88
30) Chloroform	5.092	83	159450	50.449	ug/l	97
31) Cyclohexane	5.470	56	107015	44.225	ug/l	90
32) 1,1,1-Trichloroethane	5.385	97	134476	49.675	ug/l	99
36) 1,1-Dichloropropene	5.690	75	109070	46.520	ug/l	98
37) Ethyl Acetate	4.714	43	132105	47.443	ug/l	97
38) Carbon Tetrachloride	5.678	117	112922	48.959	ug/l	99
39) Methylcyclohexane	7.379	83	122889	44.748	ug/l	95
40) Benzene	6.037	78	320620	48.892	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	69674	50.299	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	128261	48.954	ug/l	99
43) Isopropyl Acetate	6.336	43	196169	47.192	ug/l	96
44) Trichloroethene	7.123	130	90907	53.002	ug/l	98
45) 1,2-Dichloropropane	7.427	63	83503	49.199	ug/l	98
46) Dibromomethane	7.580	93	65523	49.776	ug/l	96
47) Bromodichloromethane	7.824	83	122132	52.154	ug/l	97
48) Methyl methacrylate	7.690	41	100115	50.451	ug/l #	85
49) 1,4-Dioxane	7.659	88	45050	921.270	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	734758	256.263	ug/l	97
52) Toluene	8.720	92	561003	131.330	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	126746	50.423	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	131331	49.729	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	95551	52.295	ug/l	97
56) Ethyl methacrylate	9.116	69	140764	50.248	ug/l	93
57) 1,3-Dichloropropane	9.305	76	149629	50.633	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.177	63	374	0.272	ug/l #	47
59) 2-Hexanone	9.427	43	590003	255.965	ug/l	94
60) Dibromochloromethane	9.518	129	96522	53.976	ug/l	99
61) 1,2-Dibromoethane	9.610	107	101859	51.552	ug/l	100
64) Tetrachloroethene	9.275	164	76166	49.707	ug/l	97
65) Chlorobenzene	10.079	112	238589	48.170	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	87894	52.478	ug/l	99
67) Ethyl Benzene	10.195	91	435268	49.232	ug/l	99
68) m/p-Xylenes	10.299	106	342938	100.317	ug/l	99
69) o-Xylene	10.640	106	165790	49.690	ug/l	98
70) Styrene	10.652	104	283157	52.113	ug/l	96
71) Bromoform	10.799	173	73112	47.224	ug/l #	100
73) Isopropylbenzene	10.963	105	441331	47.659	ug/l	99
74) N-amyl acetate	10.841	43	188057	47.556	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	170543	50.190	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	179917	57.314	ug/l	90
77) Bromobenzene	11.195	156	110677	48.955	ug/l	90
78) n-propylbenzene	11.305	91	538436	47.553	ug/l	99
79) 2-Chlorotoluene	11.366	91	312819	46.585	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	388875	48.676	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	43370	41.121	ug/l	96
82) 4-Chlorotoluene	11.451	91	370312	46.603	ug/l	97
83) tert-Butylbenzene	11.713	119	389844	49.939	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	389756	48.930	ug/l	99
85) sec-Butylbenzene	11.890	105	487716	48.230	ug/l	100
86) p-Isopropyltoluene	12.006	119	405408	48.592	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	216070	47.583	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	218800	47.196	ug/l	98
89) n-Butylbenzene	12.335	91	383070	46.103	ug/l	97
90) Hexachloroethane	12.536	117	68546	49.552	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	213093	48.820	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	39926	48.598	ug/l	85
93) 1,2,4-Trichlorobenzene	13.585	180	136106	46.491	ug/l	96
94) Hexachlorobutadiene	13.725	225	54678	46.404	ug/l	98
95) Naphthalene	13.774	128	472536	46.349	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	130854	46.162	ug/l	97

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QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

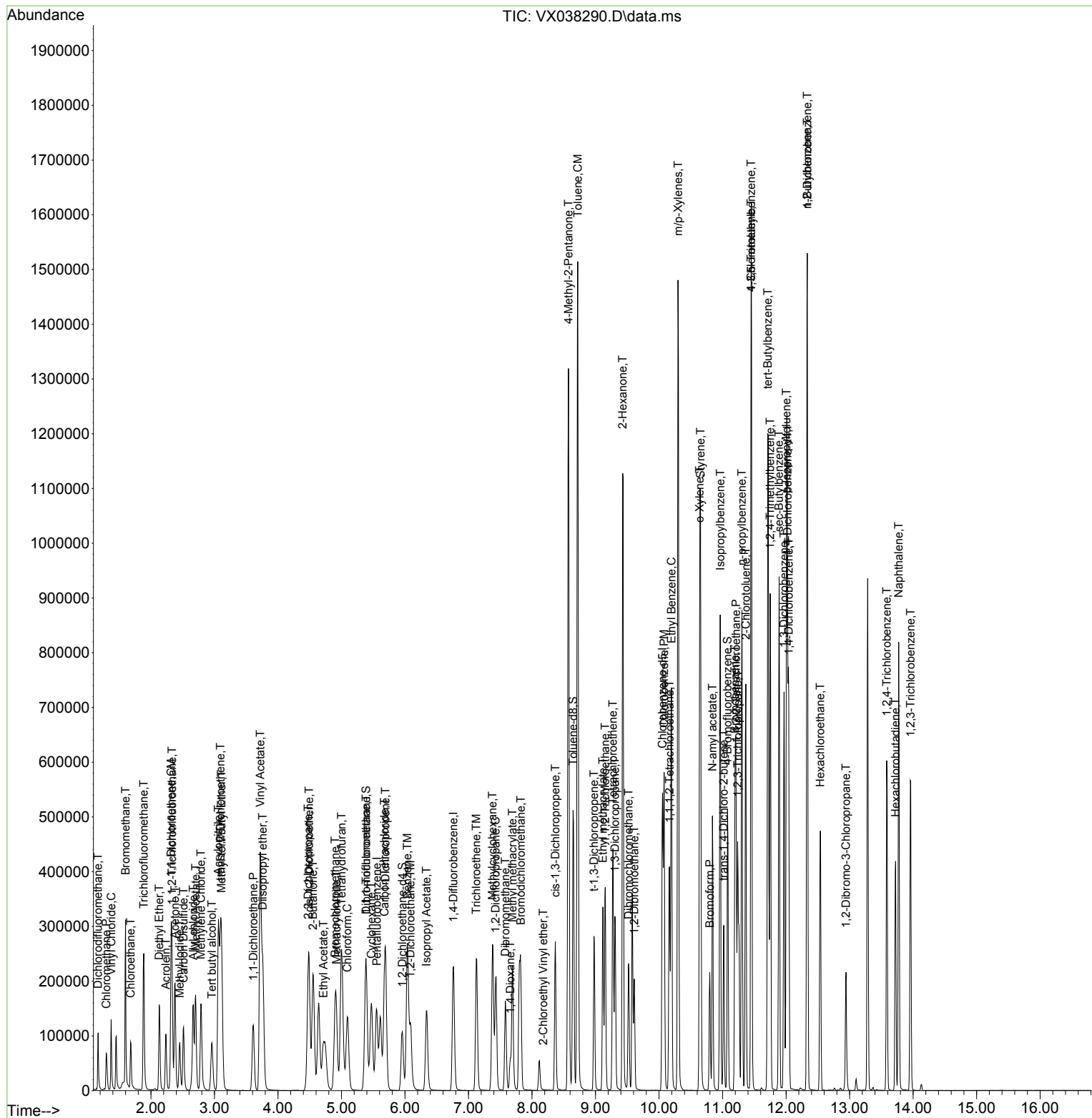
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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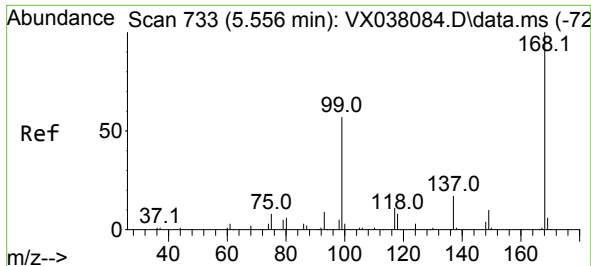
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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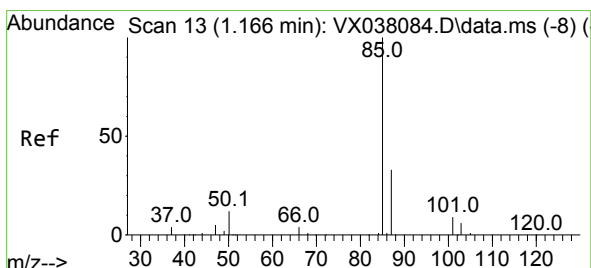
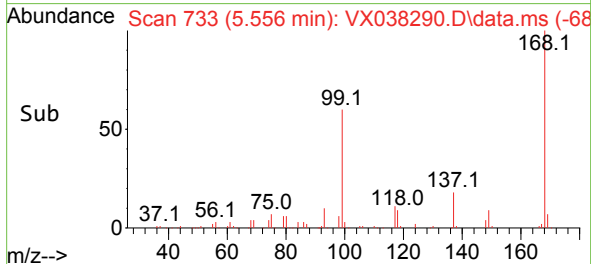
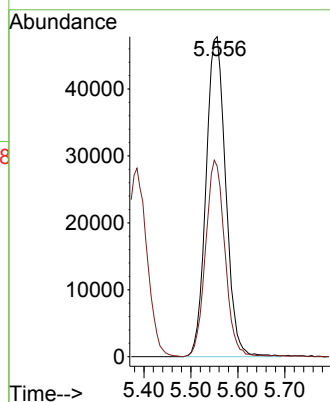
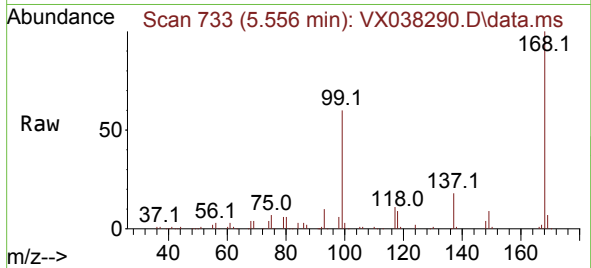




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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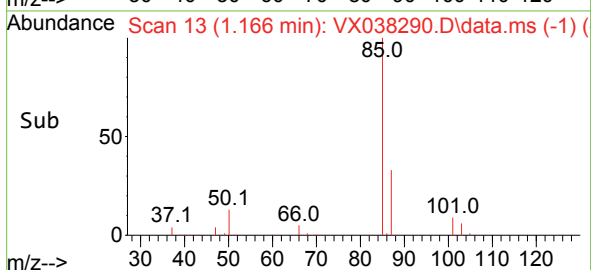
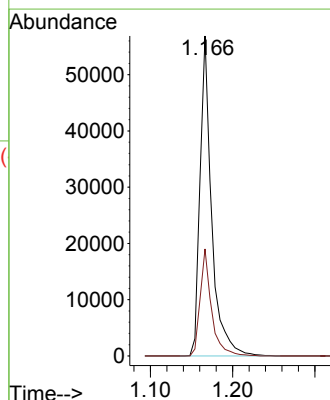
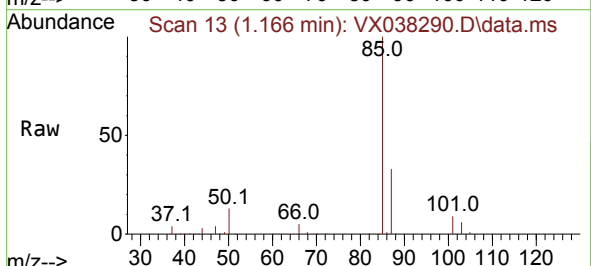
Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15MS

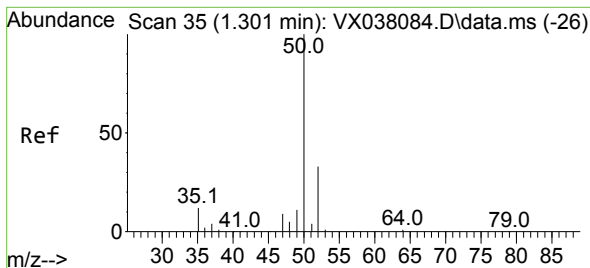
Tgt Ion:168 Resp: 138857
Ion Ratio Lower Upper
168 100
99 59.4 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 41.630 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038290.D
Acq: 13 Oct 2023 17:25

Tgt Ion: 85 Resp: 55798
Ion Ratio Lower Upper
85 100
87 33.4 16.7 50.1





#3

Chloromethane

Concen: 42.290 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.007 min

Lab File: VX038290.D

Acq: 13 Oct 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

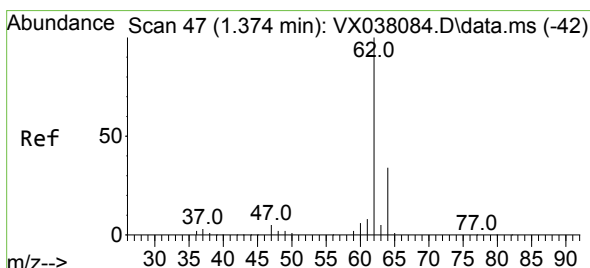
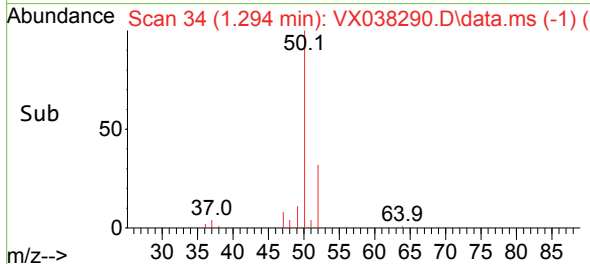
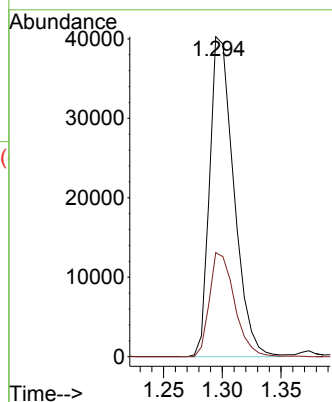
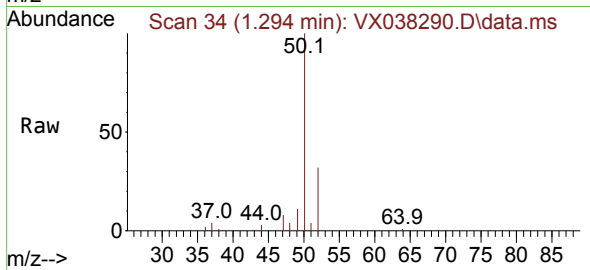
GW-14-12-15MS

Tgt Ion: 50 Resp: 57771

Ion Ratio Lower Upper

50 100

52 32.5 25.5 38.3



#4

Vinyl Chloride

Concen: 49.039 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX038290.D

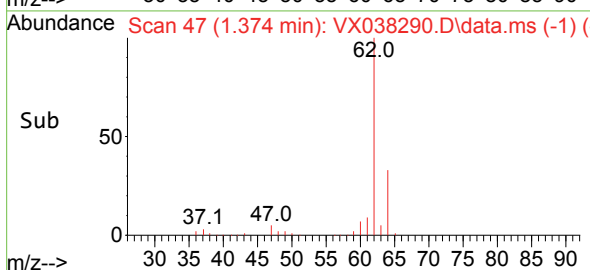
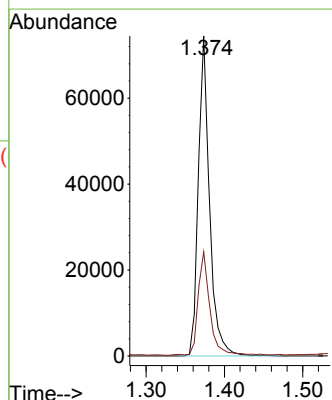
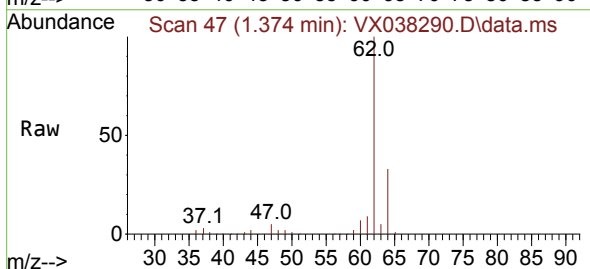
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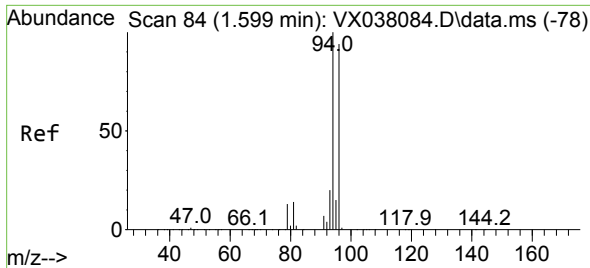
Tgt Ion: 62 Resp: 74276

Ion Ratio Lower Upper

62 100

64 32.0 25.4 38.0

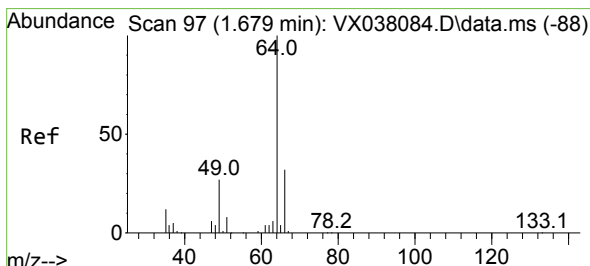
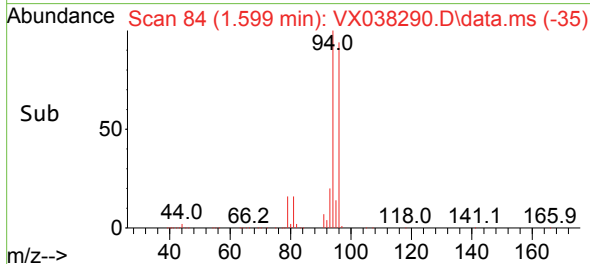
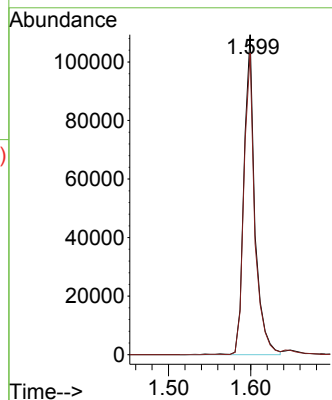
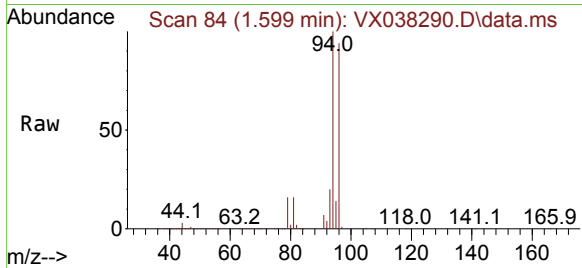




#5
Bromomethane
Concen: 50.753 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038290.D
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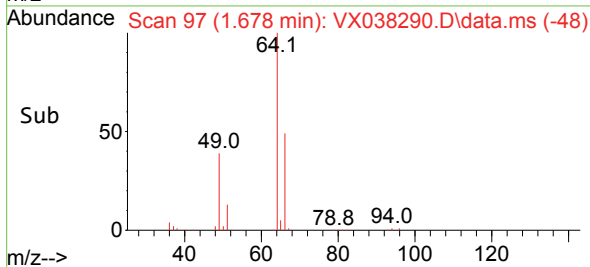
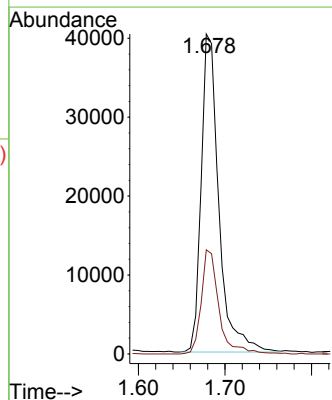
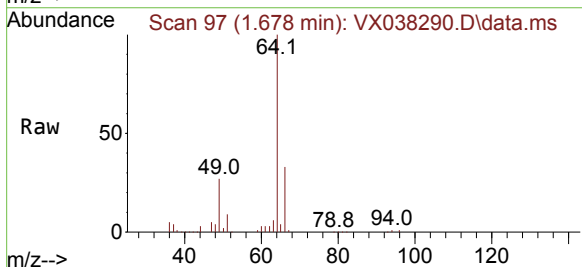
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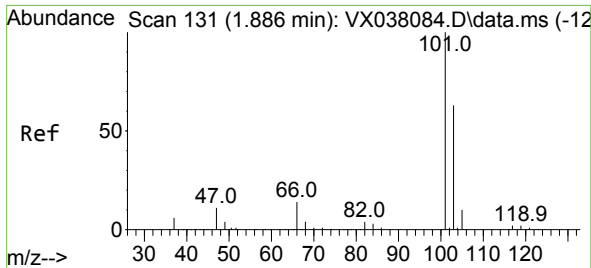
Tgt Ion: 94 Resp: 100936
Ion Ratio Lower Upper
94 100
96 94.2 74.6 111.8



#6
Chloroethane
Concen: 51.333 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.001 min
Lab File: VX038290.D
Acq: 13 Oct 2023 17:25

Tgt Ion: 64 Resp: 57010
Ion Ratio Lower Upper
64 100
66 32.8 25.1 37.7

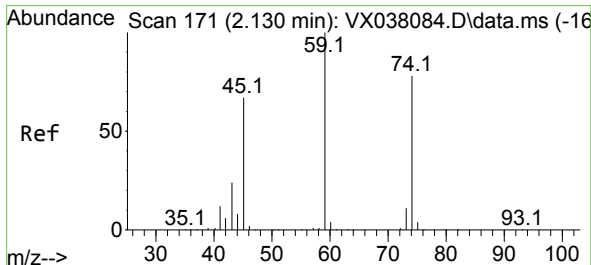
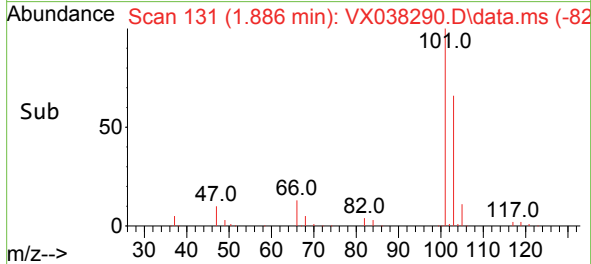
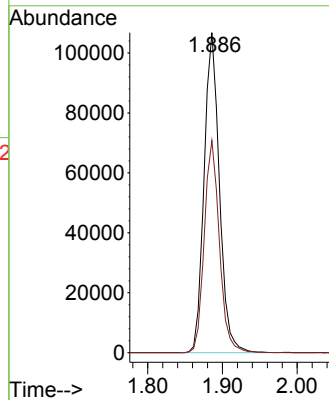
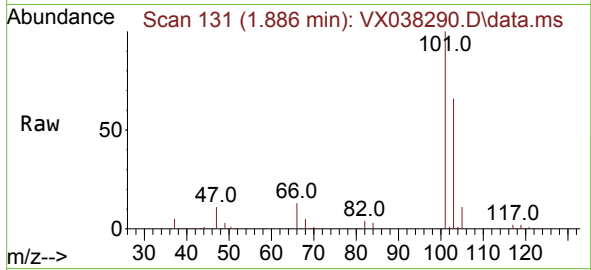




#7
 Trichlorofluoromethane
 Concen: 50.806 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. -0.000 min
 Lab File: VX038290.D
 Acq: 13 Oct 2023 17:25

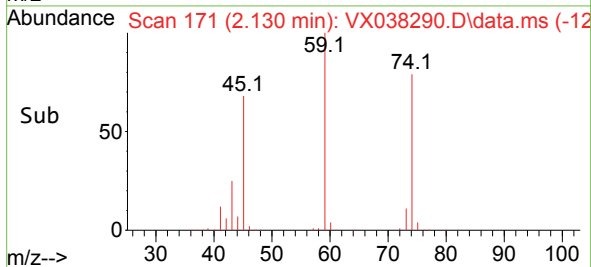
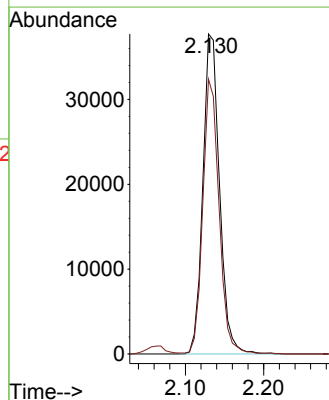
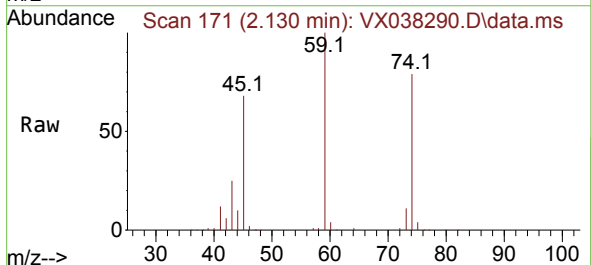
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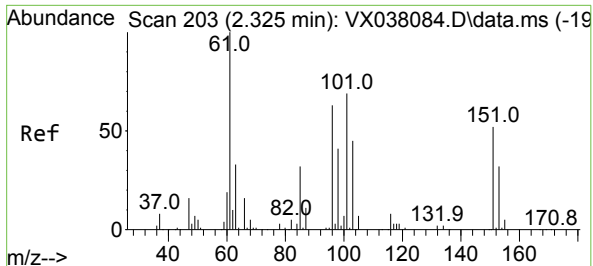
Tgt Ion:101 Resp: 151999
 Ion Ratio Lower Upper
 101 100
 103 66.3 51.4 77.2



#8
 Diethyl Ether
 Concen: 49.794 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX038290.D
 Acq: 13 Oct 2023 17:25

Tgt Ion: 74 Resp: 55559
 Ion Ratio Lower Upper
 74 100
 45 83.1 53.3 159.8

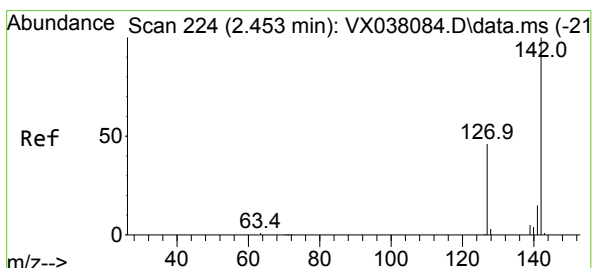
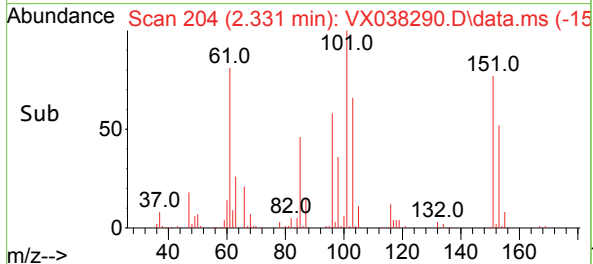
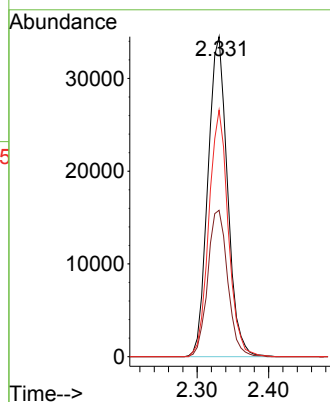
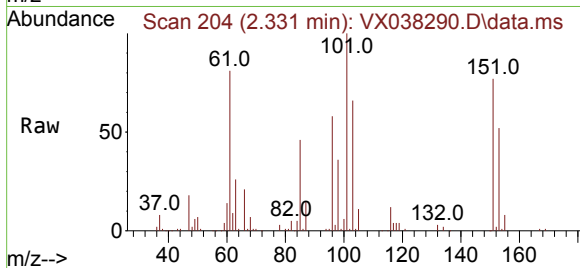




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.138 ug/l
RT: 2.331 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX038290.D
Acq: 13 Oct 2023 17:25

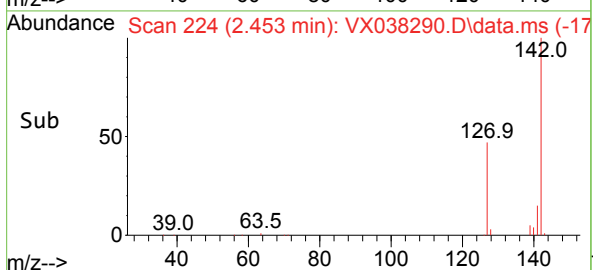
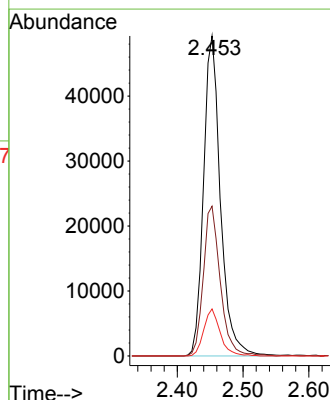
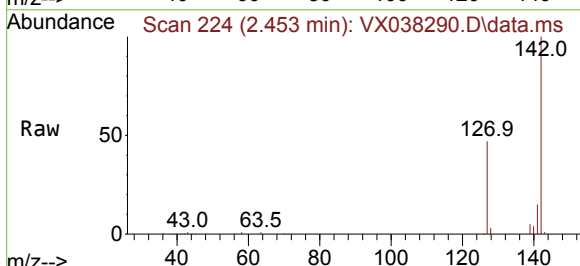
Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15MS

Tgt Ion:101 Resp: 65483
Ion Ratio Lower Upper
101 100
85 46.8 37.0 55.6
151 76.4 58.6 87.8



#10
Methyl Iodide
Concen: 46.940 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX038290.D
Acq: 13 Oct 2023 17:25

Tgt Ion:142 Resp: 88209
Ion Ratio Lower Upper
142 100
127 46.9 41.6 62.4
141 14.3 11.6 17.4

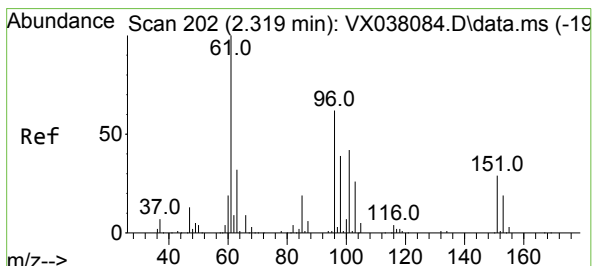
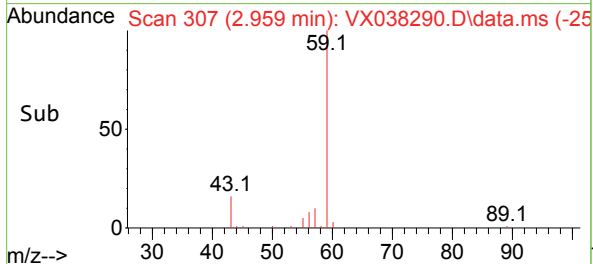
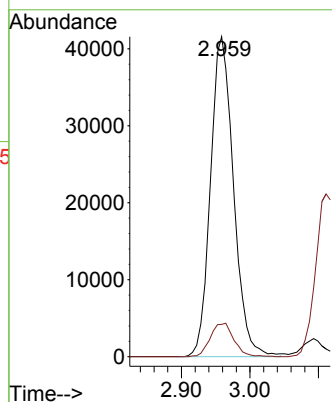
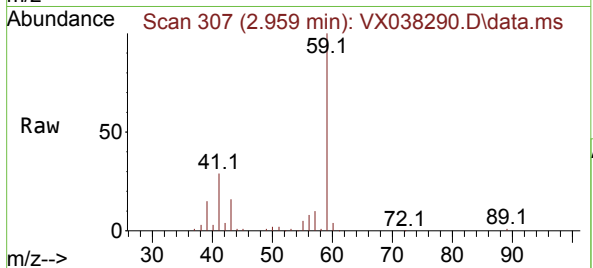




#11
Tert butyl alcohol
Concen: 194.485 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.000 min
Lab File: VX038290.D
Acq: 13 Oct 2023 17:25

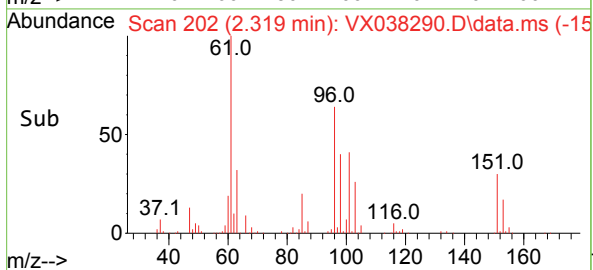
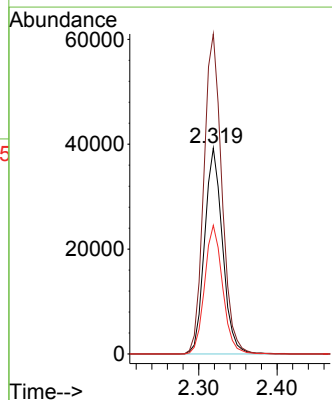
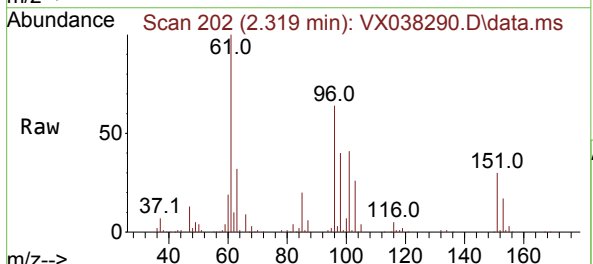
Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15MS

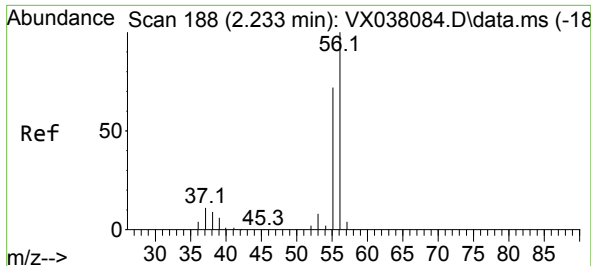
Tgt Ion: 59 Resp: 97099
Ion Ratio Lower Upper
59 100
57 10.7 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 48.957 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX038290.D
Acq: 13 Oct 2023 17:25

Tgt Ion: 96 Resp: 62197
Ion Ratio Lower Upper
96 100
61 155.4 144.6 216.8
98 62.5 50.4 75.6

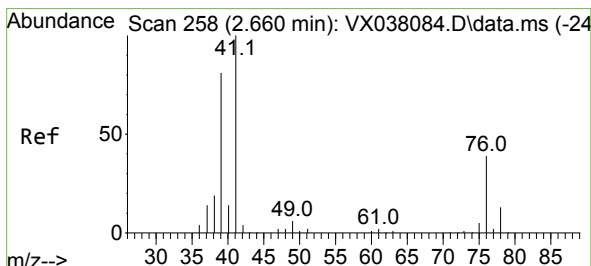
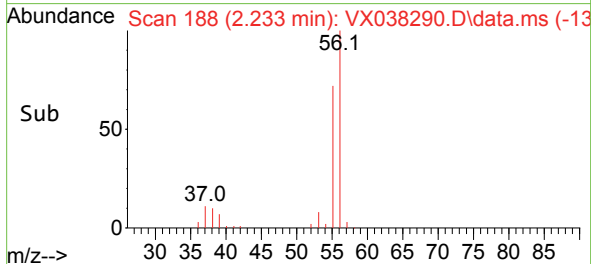
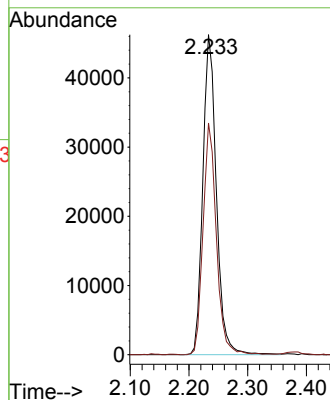
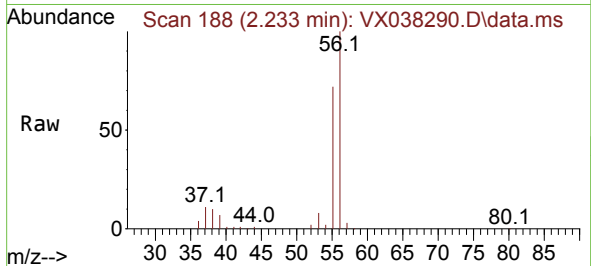




#13
Acrolein
Concen: 233.357 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038290.D
Acq: 13 Oct 2023 17:25

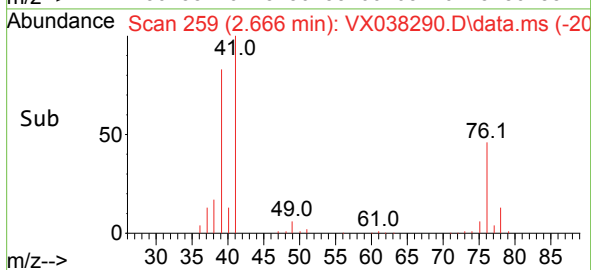
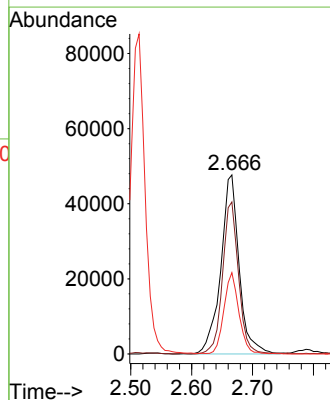
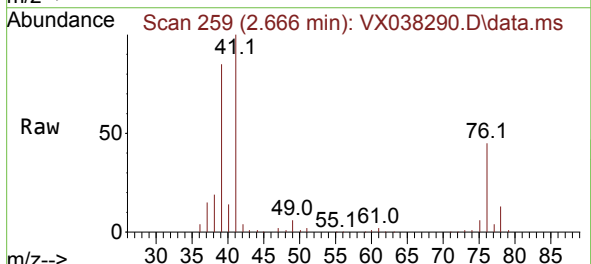
Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15MS

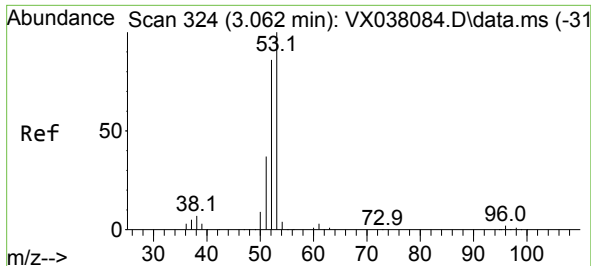
Tgt Ion: 56 Resp: 74092
Ion Ratio Lower Upper
56 100
55 71.3 57.1 85.7



#14
Allyl chloride
Concen: 44.036 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX038290.D
Acq: 13 Oct 2023 17:25

Tgt Ion: 41 Resp: 100066
Ion Ratio Lower Upper
41 100
39 73.7 55.8 83.6
76 36.9 24.3 36.5#

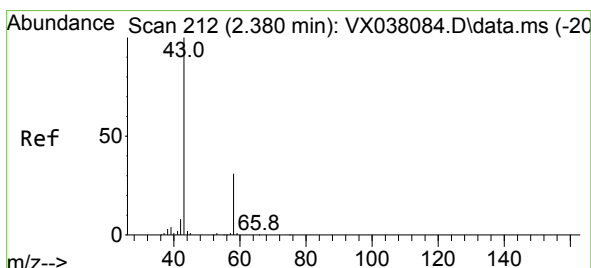
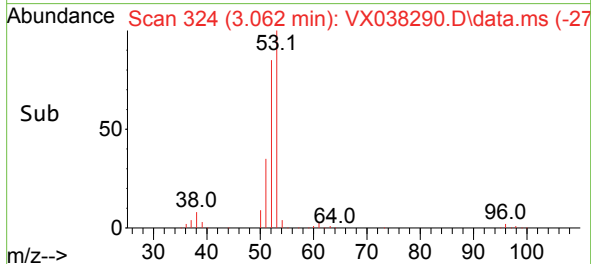
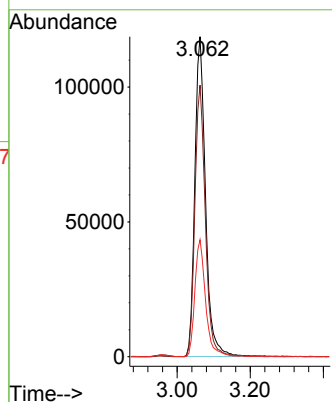
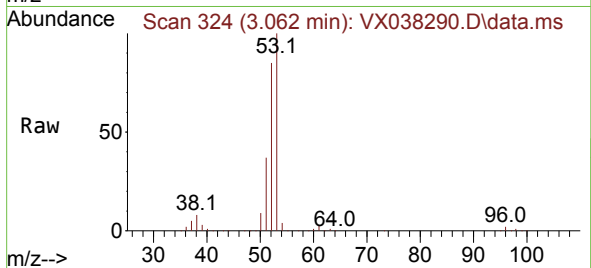




#15
Acrylonitrile
Concen: 238.102 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038290.D
Acq: 13 Oct 2023 17:25

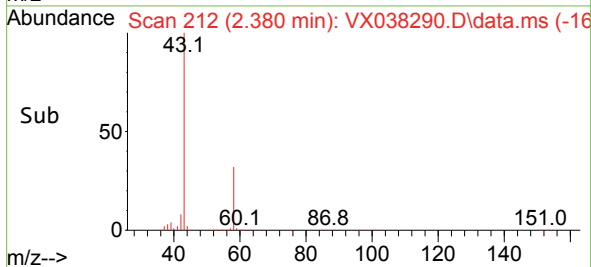
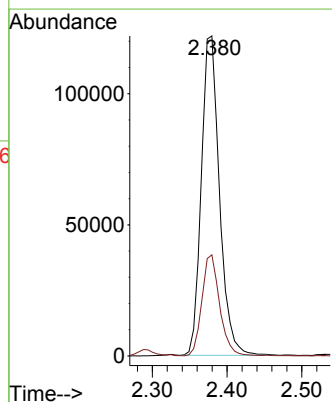
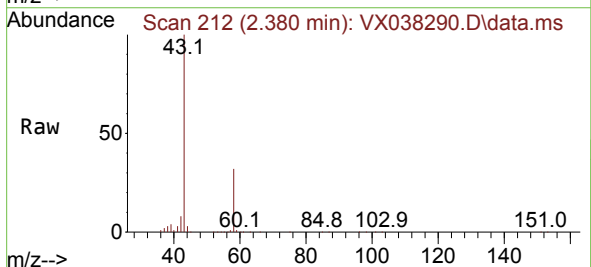
Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15MS

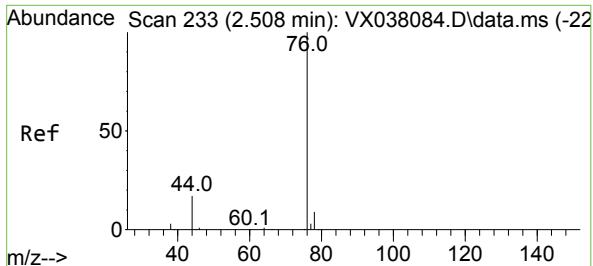
Tgt Ion: 53 Resp: 242003
Ion Ratio Lower Upper
53 100
52 83.5 66.0 99.0
51 37.0 29.8 44.6



#16
Acetone
Concen: 220.067 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038290.D
Acq: 13 Oct 2023 17:25

Tgt Ion: 43 Resp: 205129
Ion Ratio Lower Upper
43 100
58 31.6 21.9 32.9

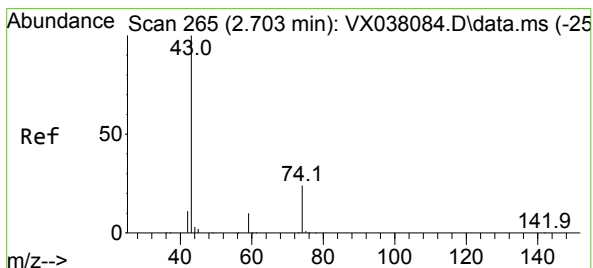
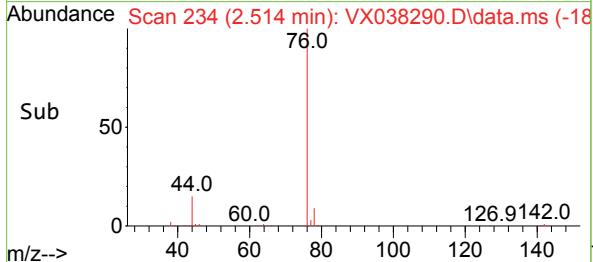
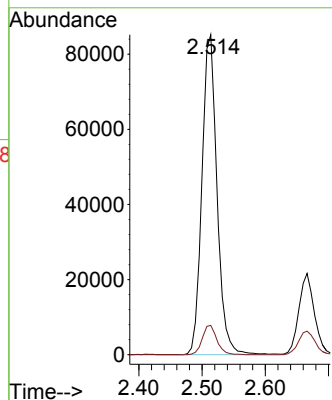
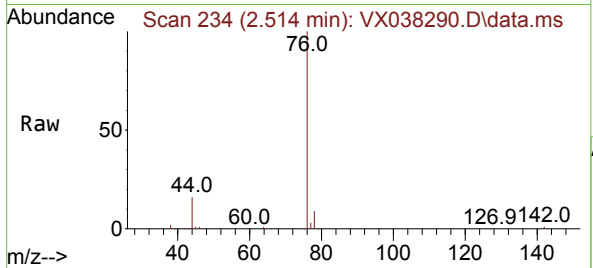




#17
Carbon Disulfide
Concen: 38.673 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038290.D
Acq: 13 Oct 2023 17:25

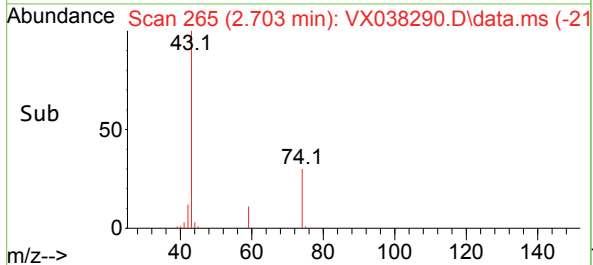
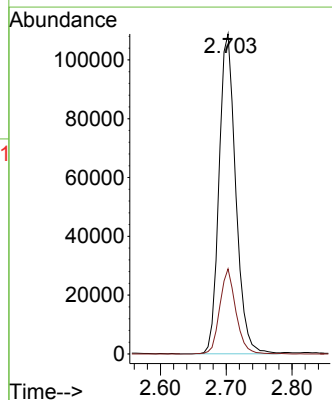
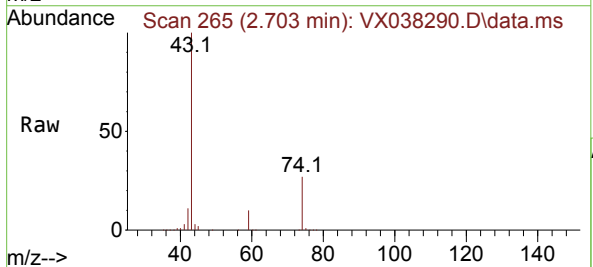
Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15MS

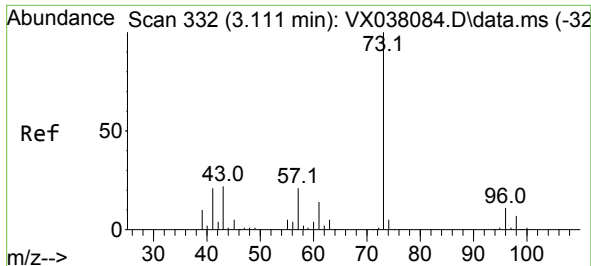
Tgt Ion: 76 Resp: 141605
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#18
Methyl Acetate
Concen: 48.098 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX038290.D
Acq: 13 Oct 2023 17:25

Tgt Ion: 43 Resp: 192260
Ion Ratio Lower Upper
43 100
74 25.6 17.8 26.8

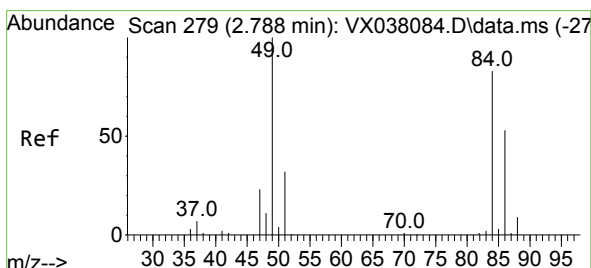
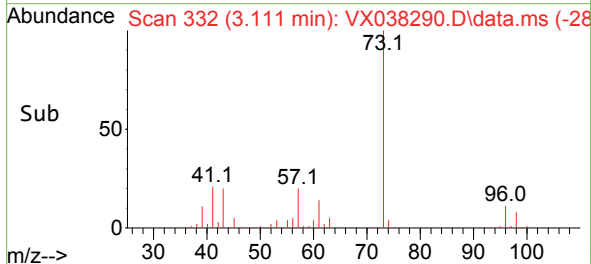
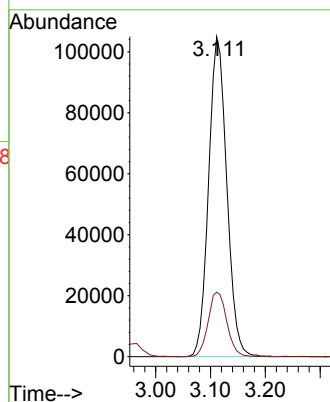
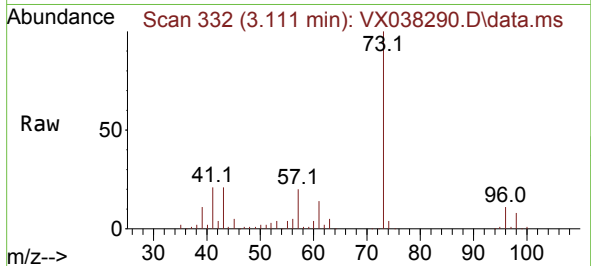




#19
Methyl tert-butyl Ether
Concen: 47.619 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038290.D
Acq: 13 Oct 2023 17:25

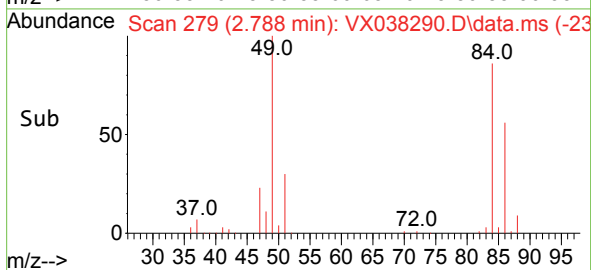
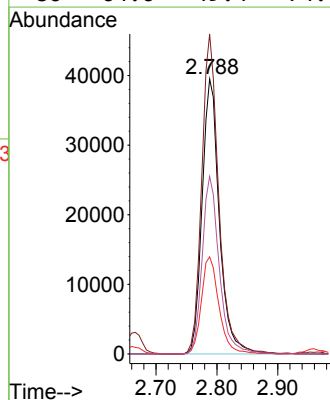
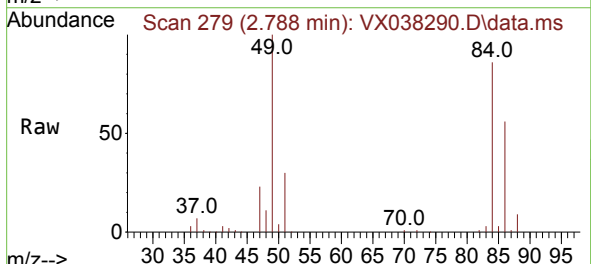
Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15MS

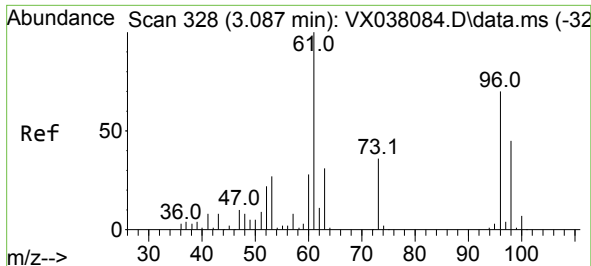
Tgt Ion: 73 Resp: 240940
Ion Ratio Lower Upper
73 100
57 20.1 17.3 25.9



#20
Methylene Chloride
Concen: 44.422 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038290.D
Acq: 13 Oct 2023 17:25

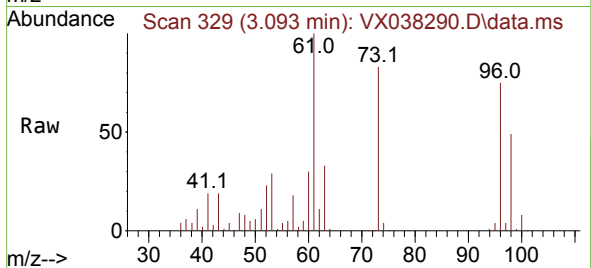
Tgt Ion: 84 Resp: 77885
Ion Ratio Lower Upper
84 100
49 116.3 103.6 155.4
51 35.3 33.8 50.6
86 64.6 49.4 74.0



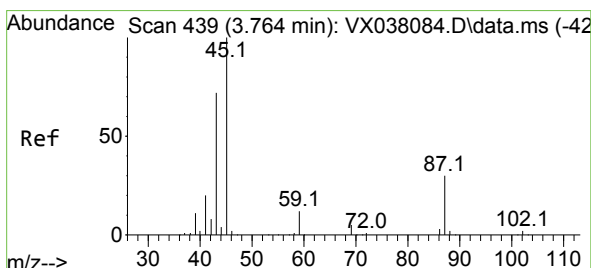
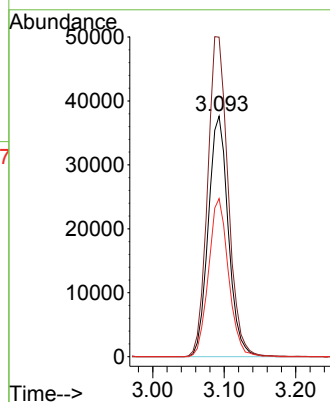
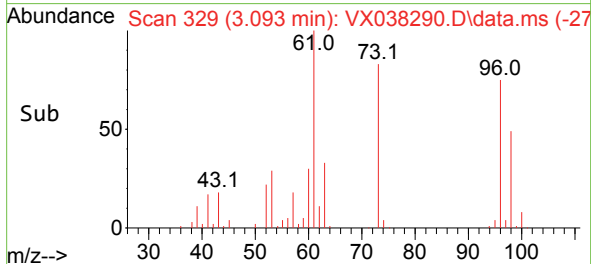


#21
trans-1,2-Dichloroethene
Concen: 46.505 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX038290.D
Acq: 13 Oct 2023 17:25

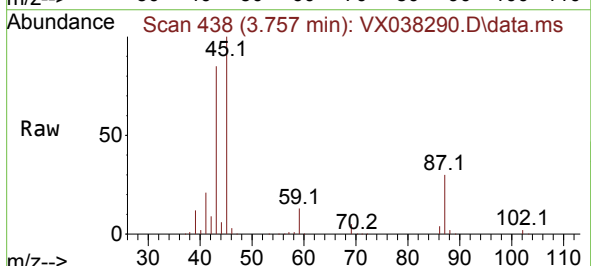
Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15MS



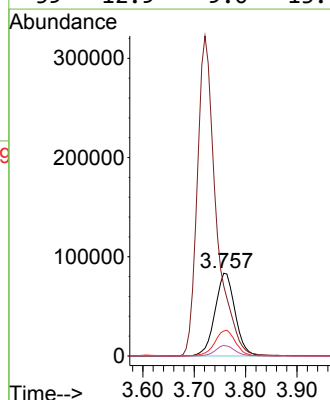
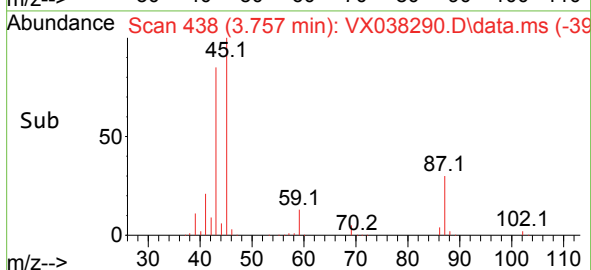
Tgt Ion: 96 Resp: 73152
Ion Ratio Lower Upper
96 100
61 132.9 119.2 178.8
98 65.8 48.7 73.1

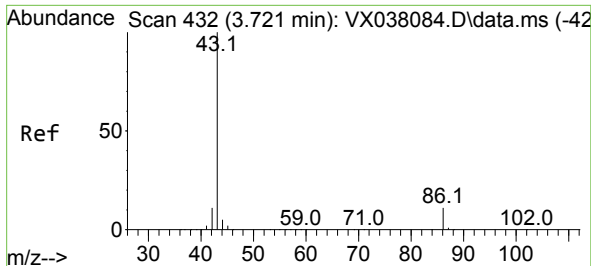


#22
Diisopropyl ether
Concen: 47.688 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.007 min
Lab File: VX038290.D
Acq: 13 Oct 2023 17:25



Tgt Ion: 45 Resp: 227117
Ion Ratio Lower Upper
45 100
43 84.5 69.7 104.5
87 30.1 20.8 31.2
59 12.9 9.0 13.4

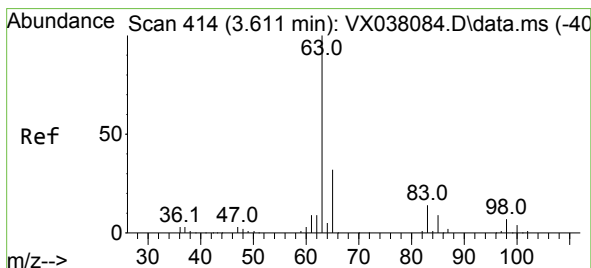
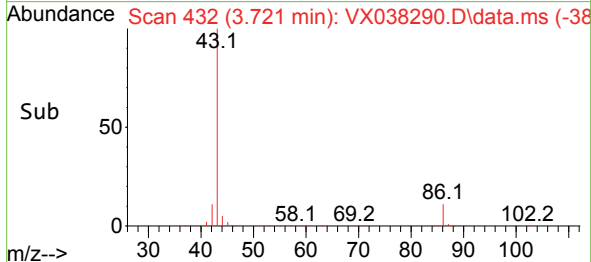
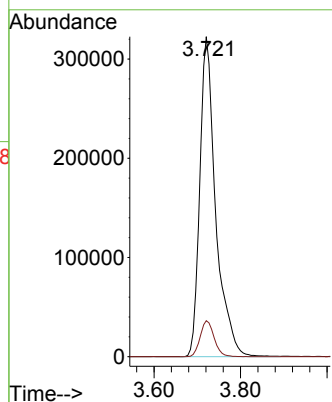
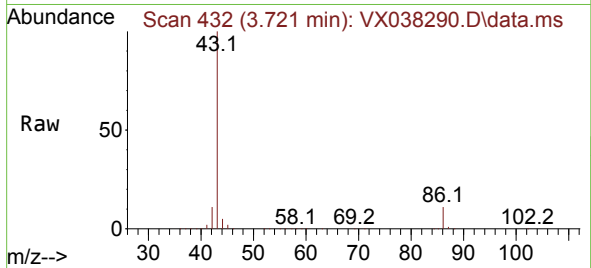




#23
Vinyl Acetate
Concen: 235.904 ug/l
RT: 3.721 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX038290.D
Acq: 13 Oct 2023 17:25

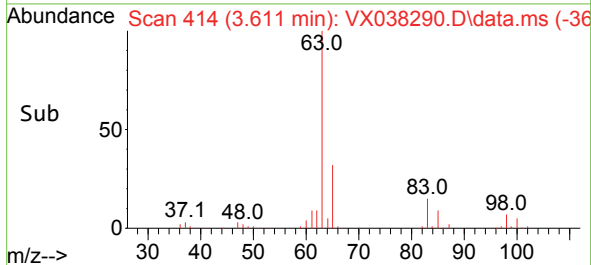
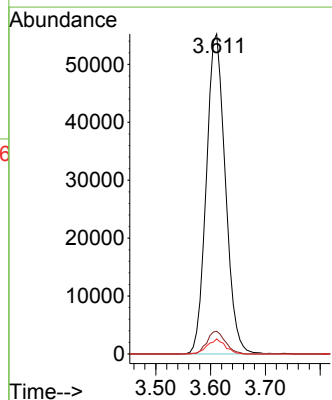
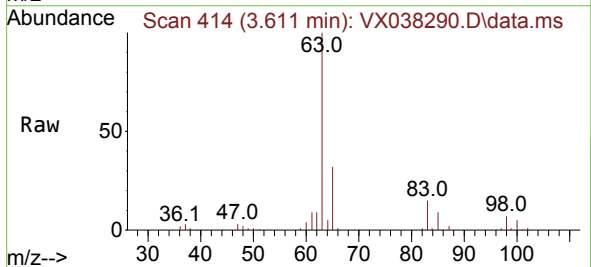
Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15MS

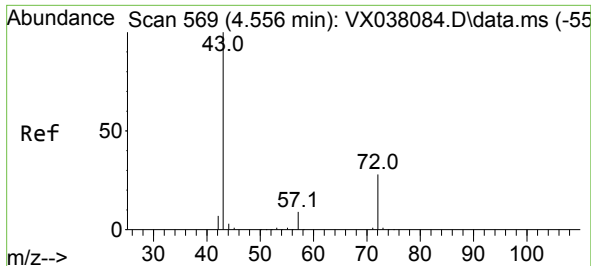
Tgt Ion: 43 Resp: 823913
Ion Ratio Lower Upper
43 100
86 11.2 7.8 11.8



#24
1,1-Dichloroethane
Concen: 45.953 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX038290.D
Acq: 13 Oct 2023 17:25

Tgt Ion: 63 Resp: 132816
Ion Ratio Lower Upper
63 100
98 7.1 3.3 9.8
100 4.7 2.1 6.5

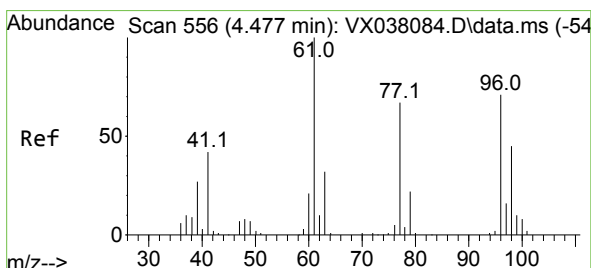
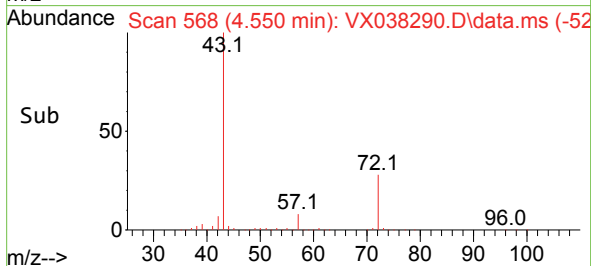
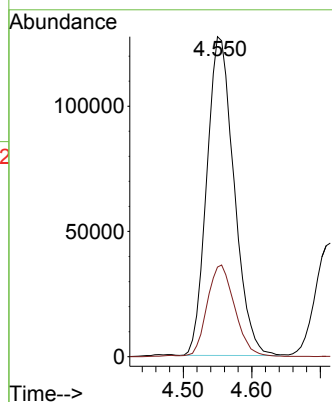
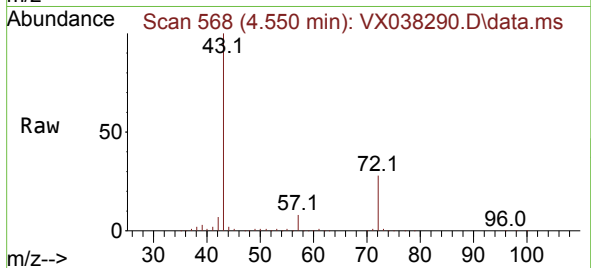




#25
2-Butanone
Concen: 234.118 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX038290.D
Acq: 13 Oct 2023 17:25

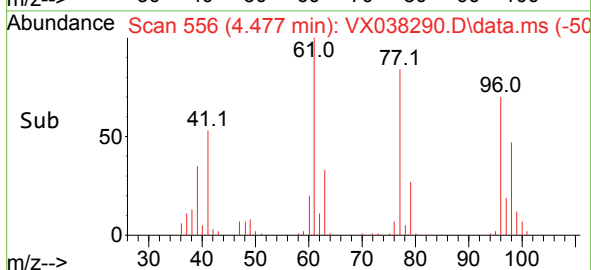
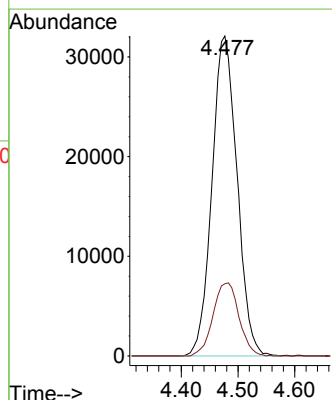
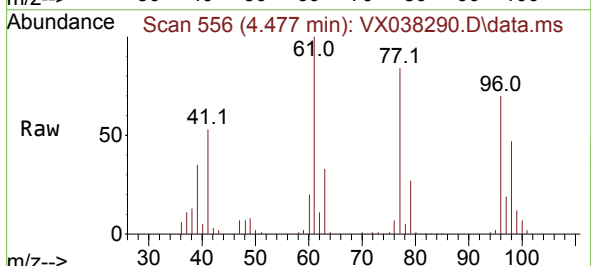
Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15MS

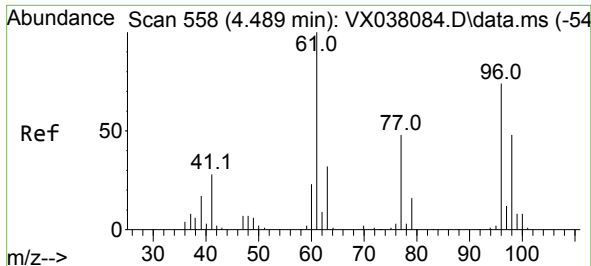
Tgt Ion: 43 Resp: 352102
Ion Ratio Lower Upper
43 100
72 27.9 19.4 29.2



#26
2,2-Dichloropropane
Concen: 43.719 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX038290.D
Acq: 13 Oct 2023 17:25

Tgt Ion: 77 Resp: 98654
Ion Ratio Lower Upper
77 100
97 23.6 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 48.412 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX038290.D

Acq: 13 Oct 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

GW-14-12-15MS

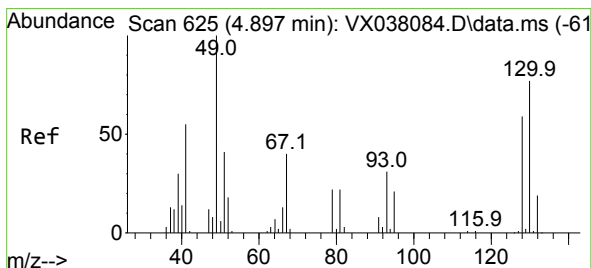
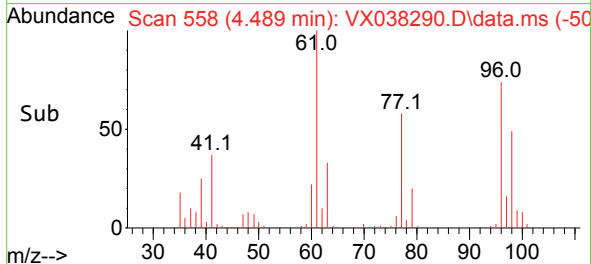
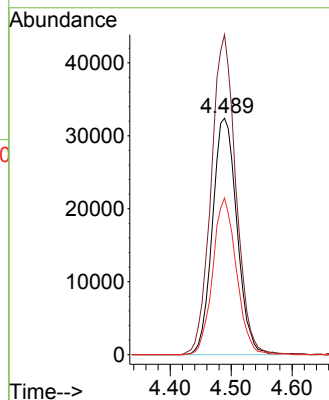
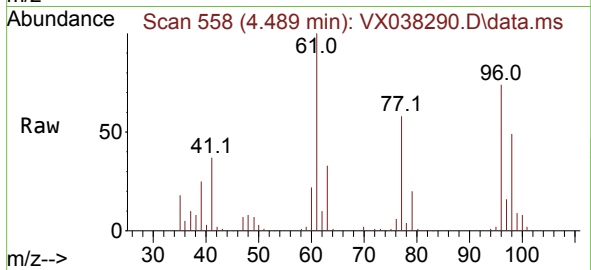
Tgt Ion: 96 Resp: 90694

Ion Ratio Lower Upper

96 100

61 136.3 0.0 312.2

98 63.8 0.0 129.0



#28

Bromochloromethane

Concen: 52.297 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX038290.D

Acq: 13 Oct 2023 17:25

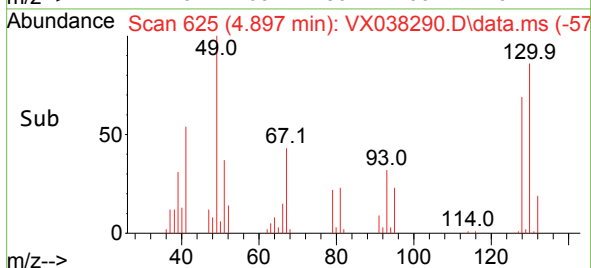
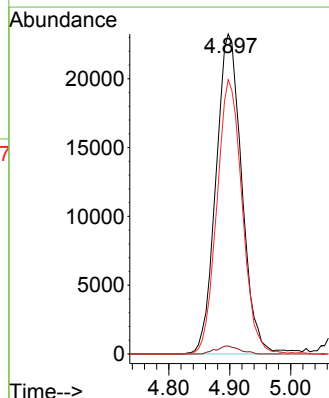
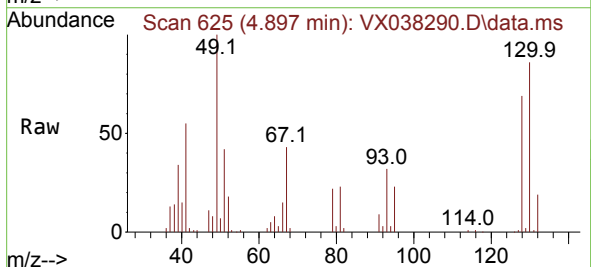
Tgt Ion: 49 Resp: 68235

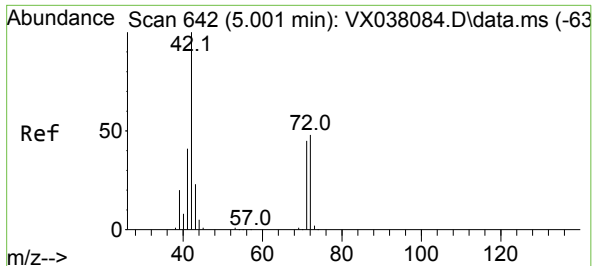
Ion Ratio Lower Upper

49 100

129 2.3 0.0 3.8

130 84.1 57.5 86.3





#29

Tetrahydrofuran

Concen: 234.762 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX038290.D

Acq: 13 Oct 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

GW-14-12-15MS

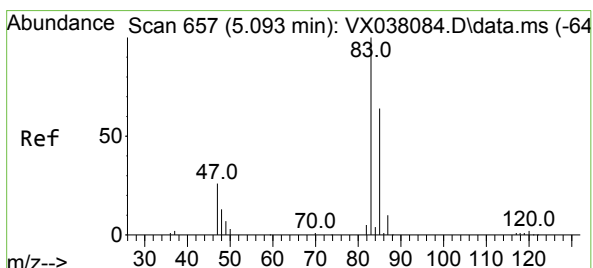
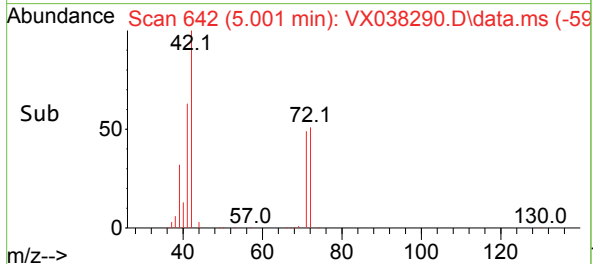
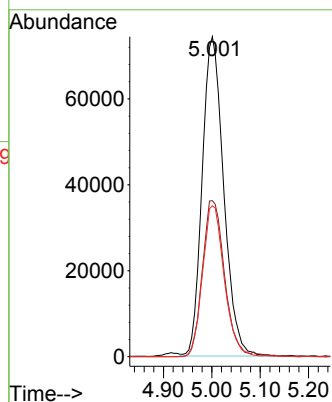
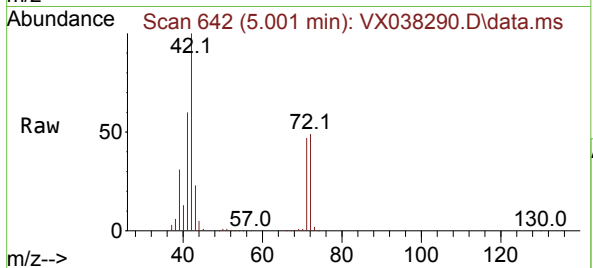
Tgt Ion: 42 Resp: 229871

Ion Ratio Lower Upper

42 100

72 49.9 34.2 51.4

71 47.6 32.2 48.2



#30

Chloroform

Concen: 50.449 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.001 min

Lab File: VX038290.D

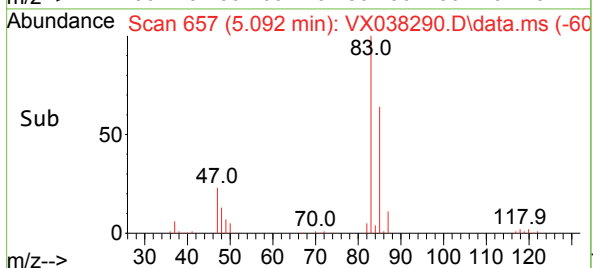
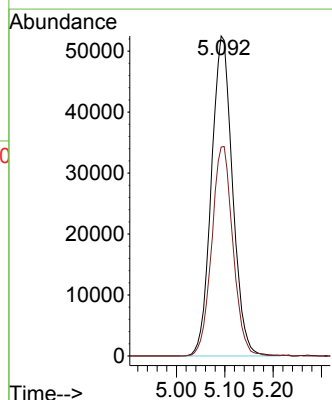
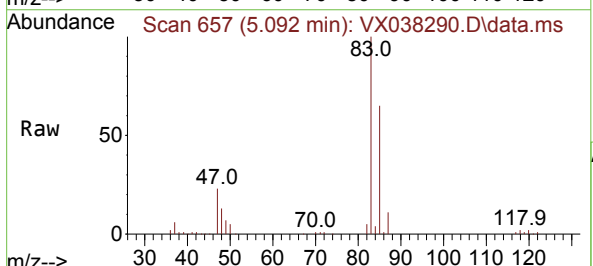
Acq: 13 Oct 2023 17:25

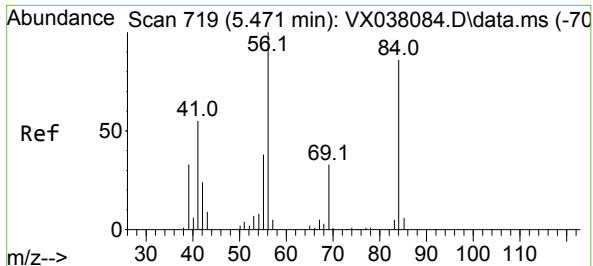
Tgt Ion: 83 Resp: 159450

Ion Ratio Lower Upper

83 100

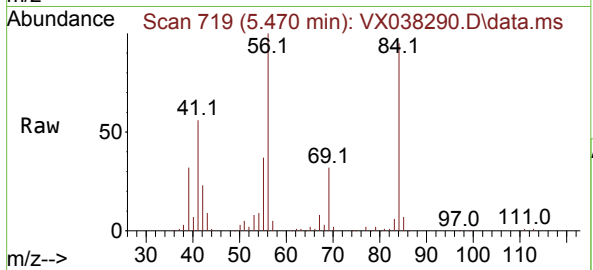
85 65.3 50.3 75.5



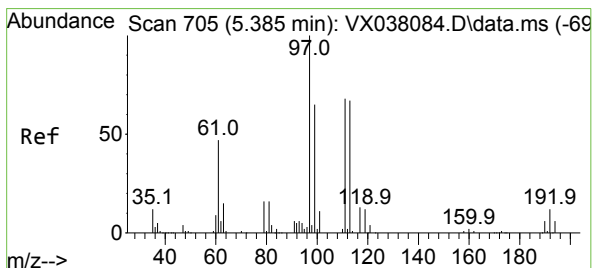
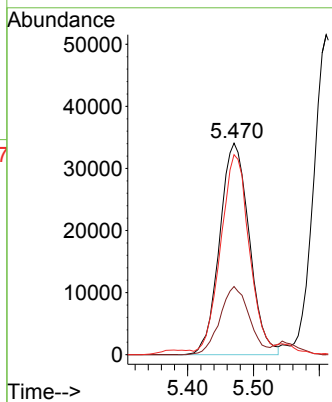
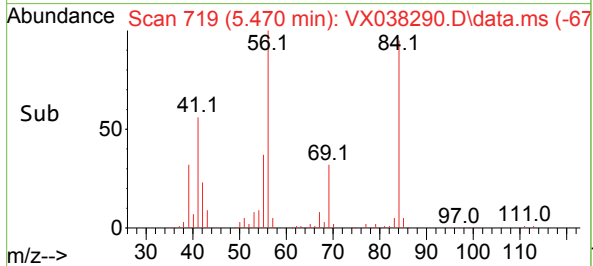


#31
Cyclohexane
Concen: 44.225 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.001 min
Lab File: VX038290.D
Acq: 13 Oct 2023 17:25

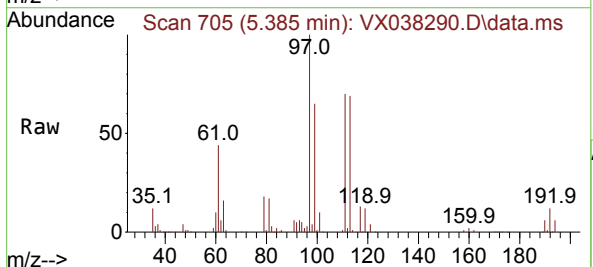
Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15MS



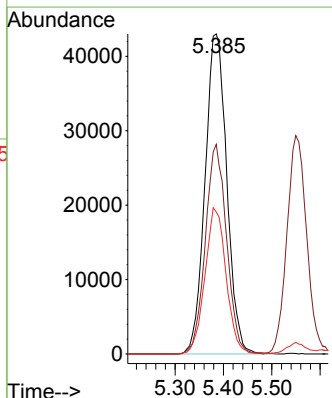
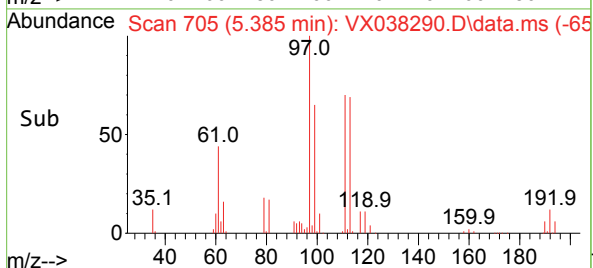
Tgt Ion: 56 Resp: 107015
Ion Ratio Lower Upper
56 100
69 32.2 23.4 35.2
84 92.5 65.9 98.9

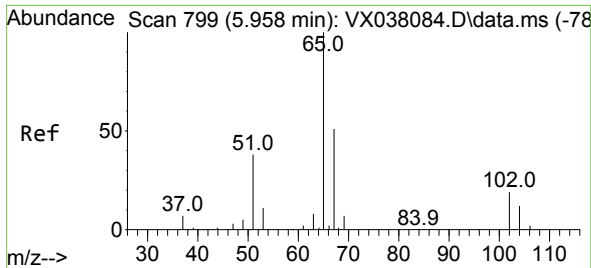


#32
1,1,1-Trichloroethane
Concen: 49.675 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038290.D
Acq: 13 Oct 2023 17:25



Tgt Ion: 97 Resp: 134476
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 44.5 36.4 54.6

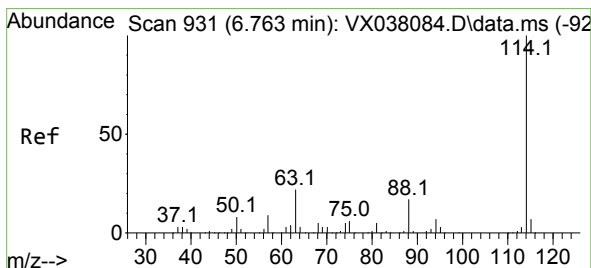
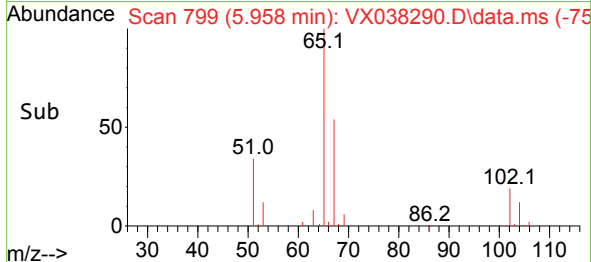
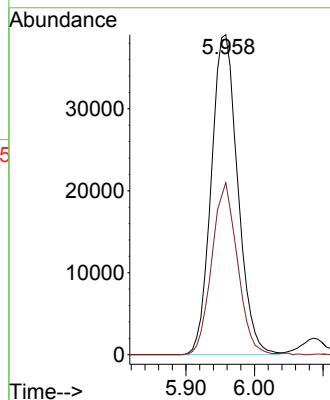
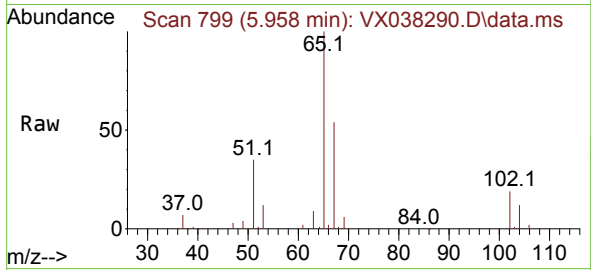




#33
 1,2-Dichloroethane-d4
 Concen: 46.970 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038290.D
 Acq: 13 Oct 2023 17:25

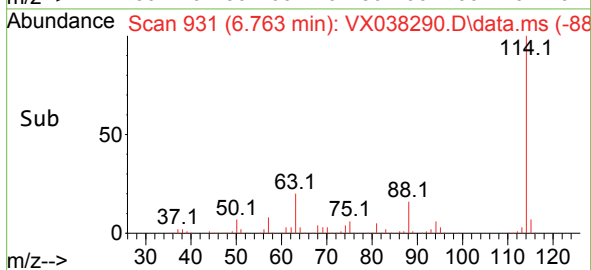
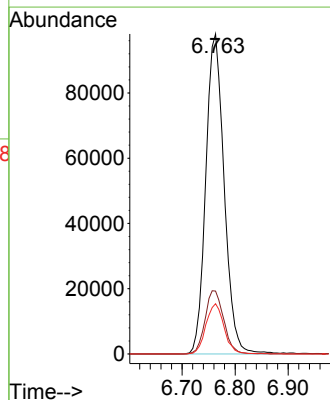
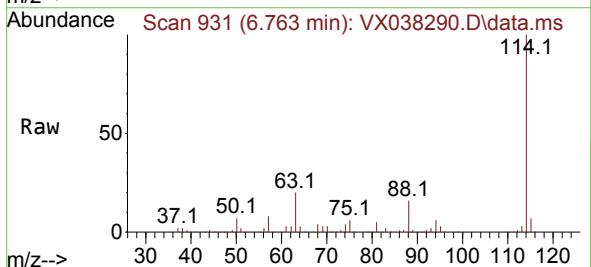
Instrument :
 MSVOA_X
 ClientSampleId :
 GW-14-12-15MS

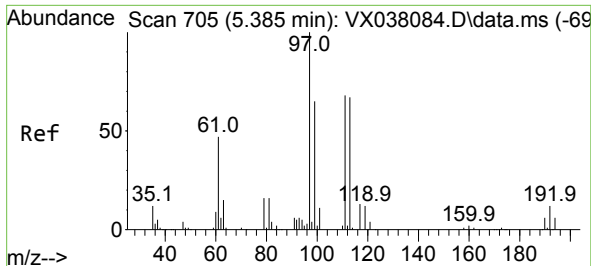
Tgt Ion: 65 Resp: 104903
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX038290.D
 Acq: 13 Oct 2023 17:25

Tgt Ion: 114 Resp: 235958
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 45.0
 88 15.7 0.0 36.6

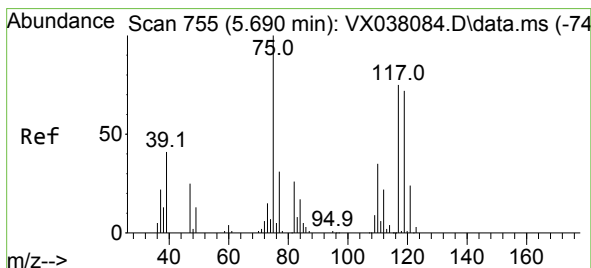
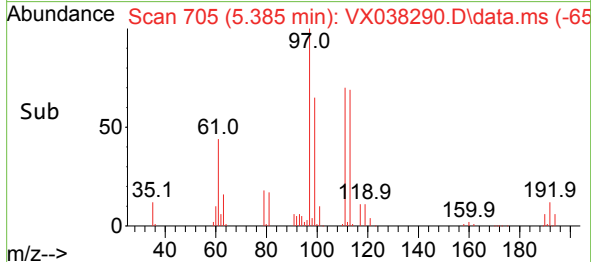
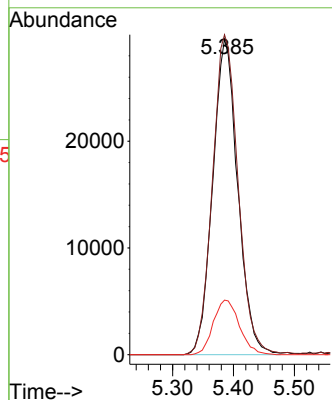
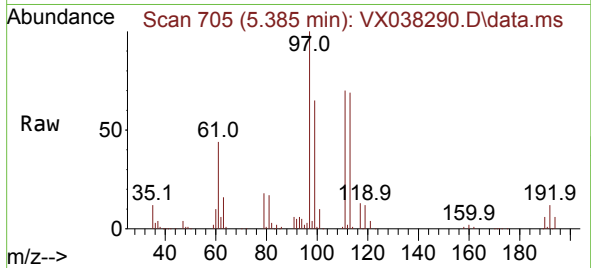




#35
Dibromofluoromethane
Concen: 49.649 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038290.D
Acq: 13 Oct 2023 17:25

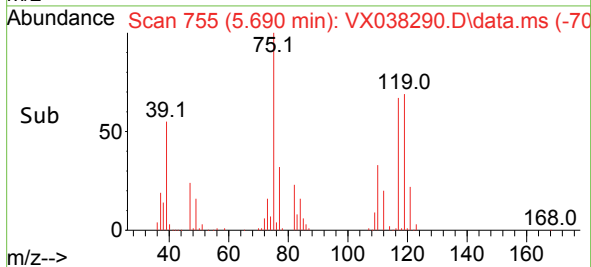
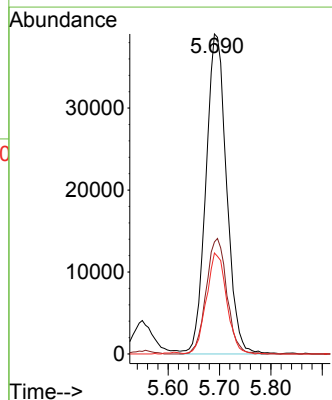
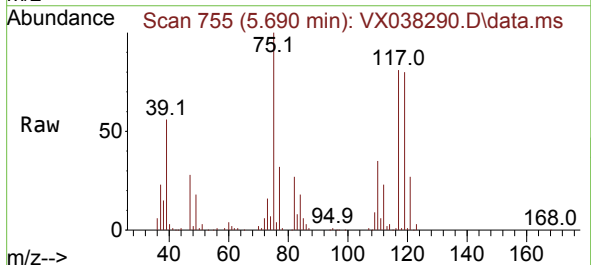
Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15MS

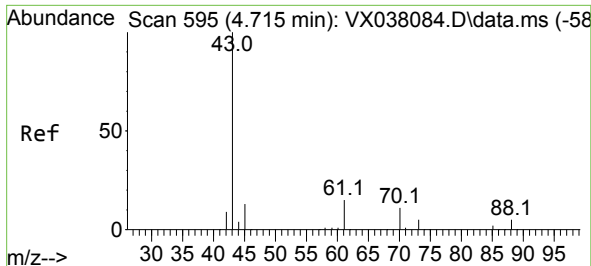
Tgt Ion:113 Resp: 84415
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 18.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 46.520 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX038290.D
Acq: 13 Oct 2023 17:25

Tgt Ion: 75 Resp: 109070
Ion Ratio Lower Upper
75 100
110 36.1 17.0 50.9
77 31.0 24.7 37.1





#37

Ethyl Acetate

Concen: 47.443 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.001 min

Lab File: VX038290.D

Acq: 13 Oct 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

GW-14-12-15MS

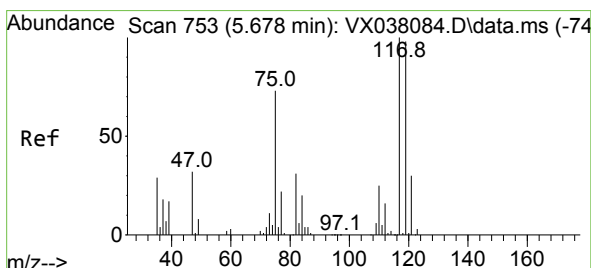
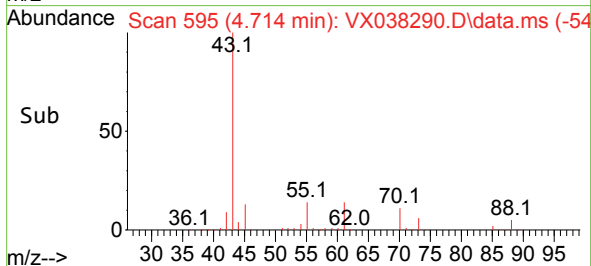
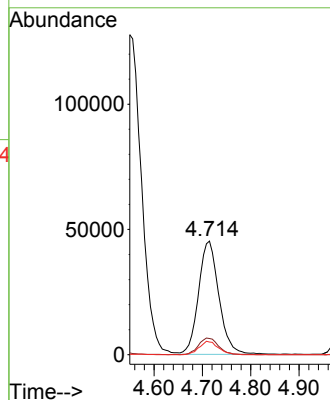
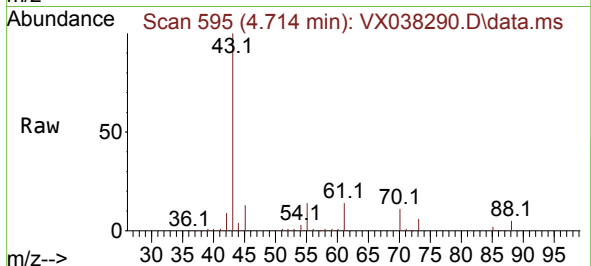
Tgt Ion: 43 Resp: 132105

Ion Ratio Lower Upper

43 100

61 14.6 10.6 16.0

70 11.0 8.3 12.5



#38

Carbon Tetrachloride

Concen: 48.959 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX038290.D

Acq: 13 Oct 2023 17:25

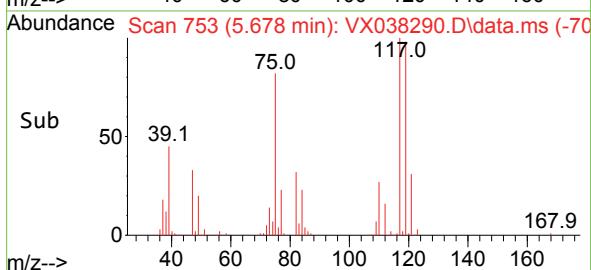
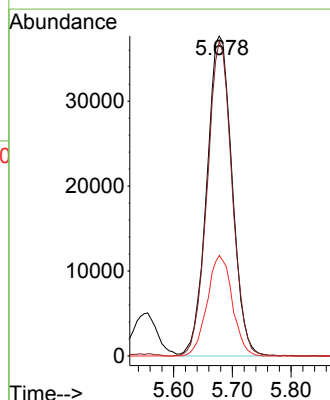
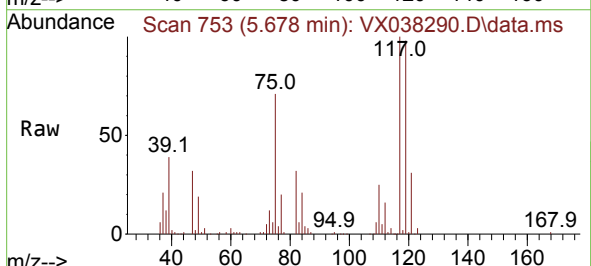
Tgt Ion: 117 Resp: 112922

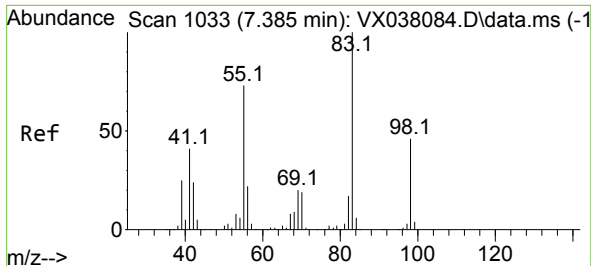
Ion Ratio Lower Upper

117 100

119 98.3 78.2 117.2

121 31.4 24.4 36.6





#39

Methylcyclohexane

Concen: 44.748 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX038290.D

Acq: 13 Oct 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

GW-14-12-15MS

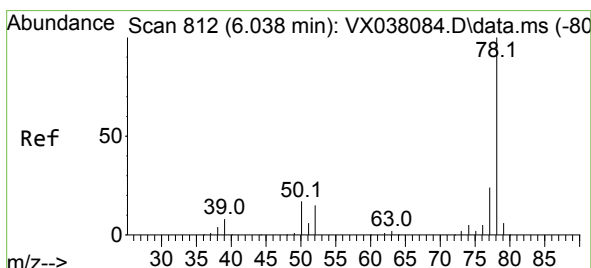
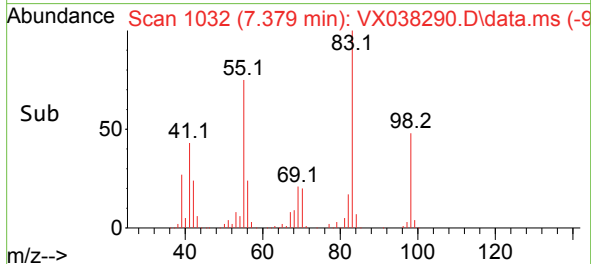
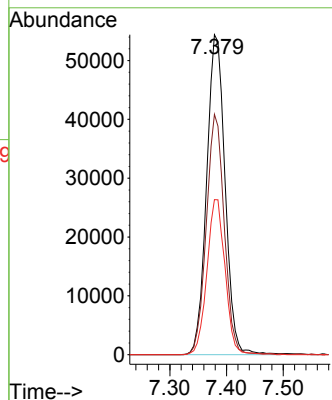
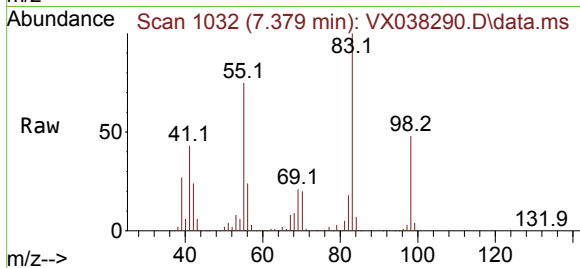
Tgt Ion: 83 Resp: 122889

Ion Ratio Lower Upper

83 100

55 75.1 64.6 97.0

98 48.5 36.7 55.1



#40

Benzene

Concen: 48.892 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.001 min

Lab File: VX038290.D

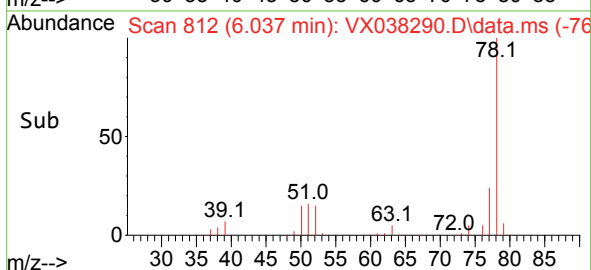
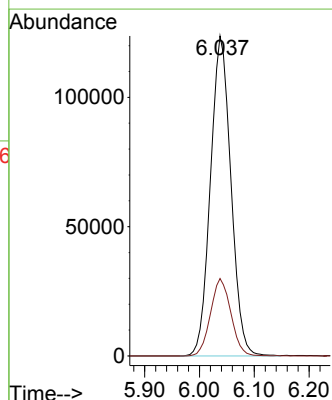
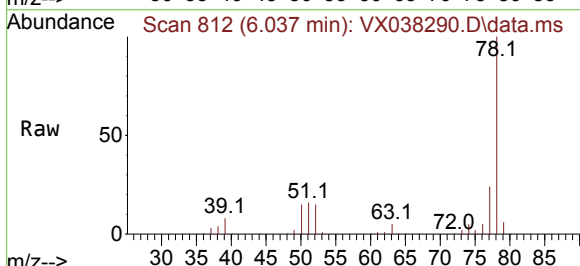
Acq: 13 Oct 2023 17:25

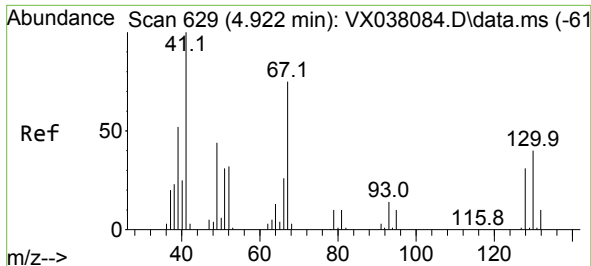
Tgt Ion: 78 Resp: 320620

Ion Ratio Lower Upper

78 100

77 24.2 19.3 28.9

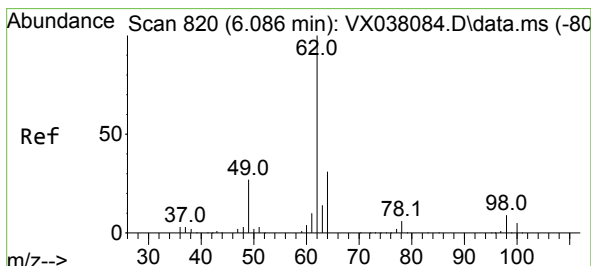
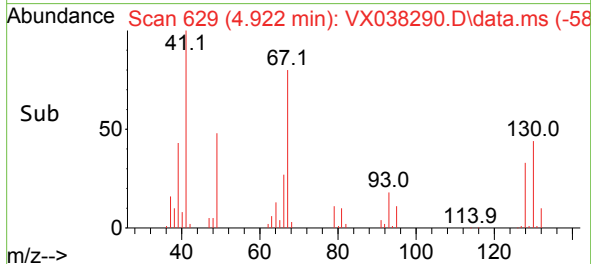
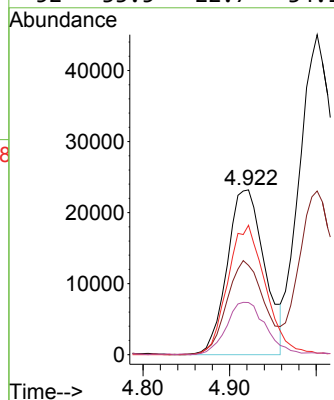
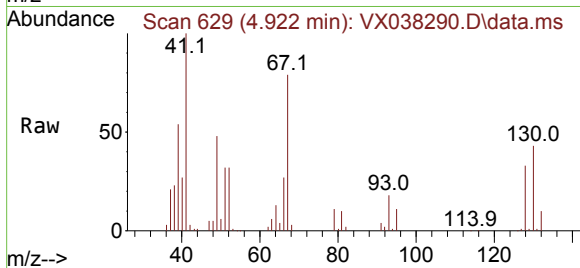




#41
Methacrylonitrile
Concen: 50.299 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX038290.D
Acq: 13 Oct 2023 17:25

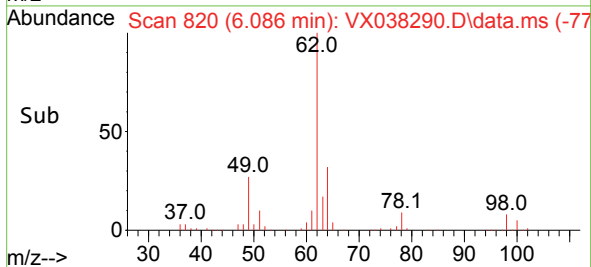
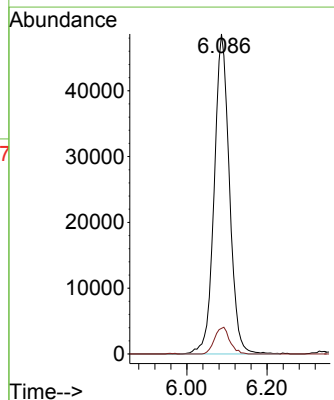
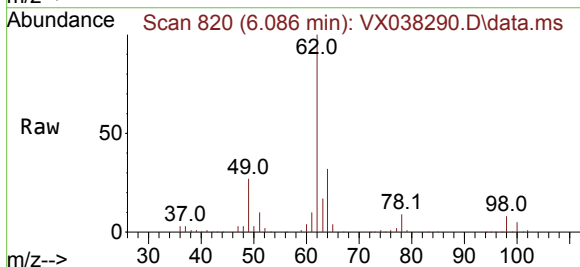
Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15MS

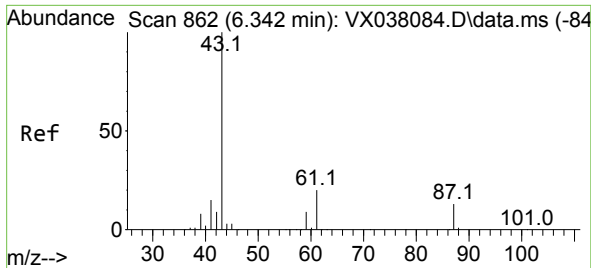
Tgt Ion: 41	Resp: 69674
Ion Ratio	Lower Upper
41 100	
39 57.2	45.2 67.8
67 79.9	52.6 78.8#
52 33.5	22.7 34.1



#42
1,2-Dichloroethane
Concen: 48.954 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038290.D
Acq: 13 Oct 2023 17:25

Tgt Ion: 62	Resp: 128261
Ion Ratio	Lower Upper
62 100	
98 8.3	0.0 16.0

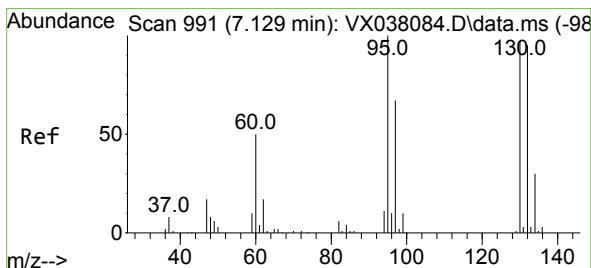
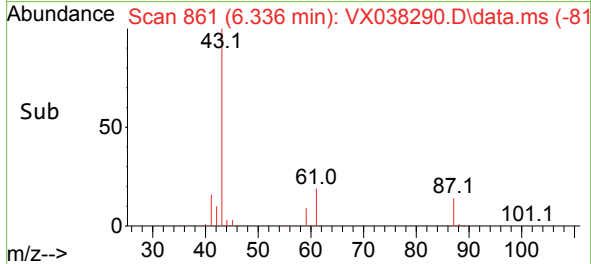
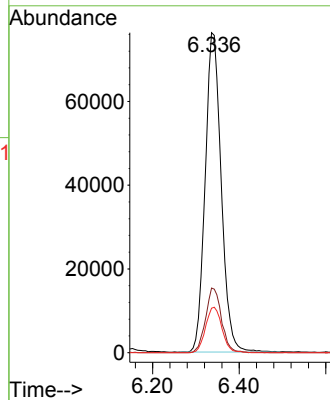
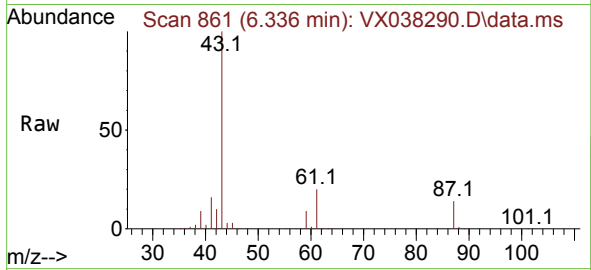




#43
Isopropyl Acetate
Concen: 47.192 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX038290.D
Acq: 13 Oct 2023 17:25

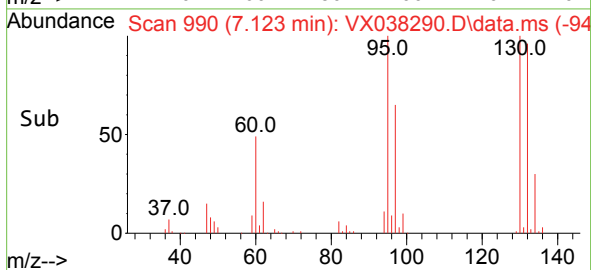
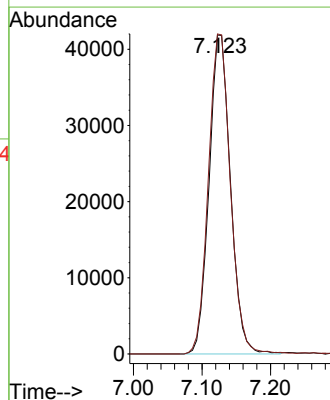
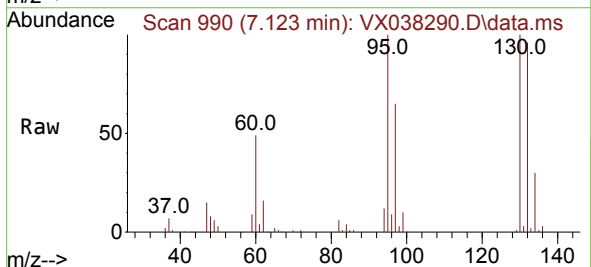
Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15MS

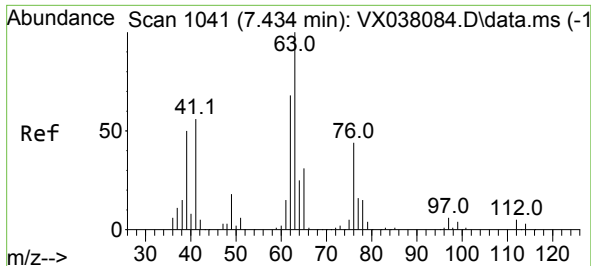
Tgt Ion: 43 Resp: 196169
Ion Ratio Lower Upper
43 100
61 20.0 15.2 22.8
87 14.5 9.8 14.6



#44
Trichloroethene
Concen: 53.002 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX038290.D
Acq: 13 Oct 2023 17:25

Tgt Ion:130 Resp: 90907
Ion Ratio Lower Upper
130 100
95 100.3 0.0 204.4

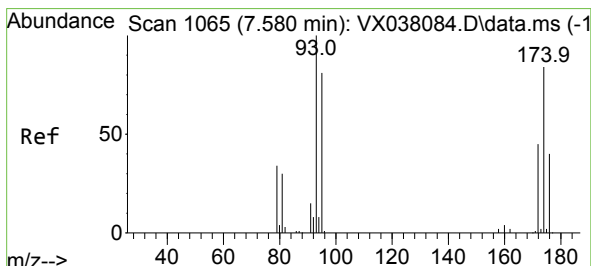
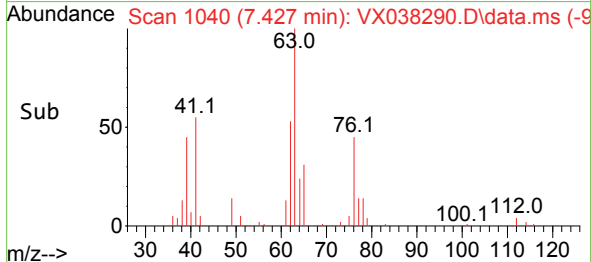
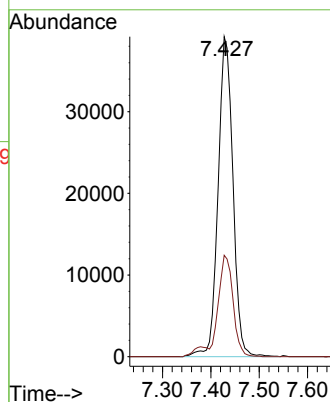
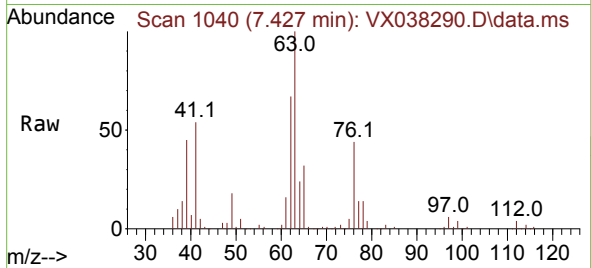




#45
1,2-Dichloropropane
Concen: 49.199 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.007 min
Lab File: VX038290.D
Acq: 13 Oct 2023 17:25

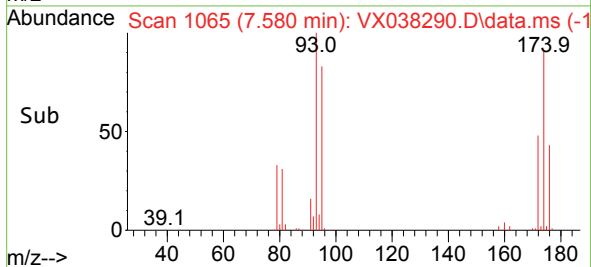
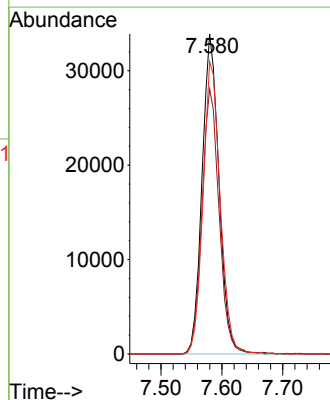
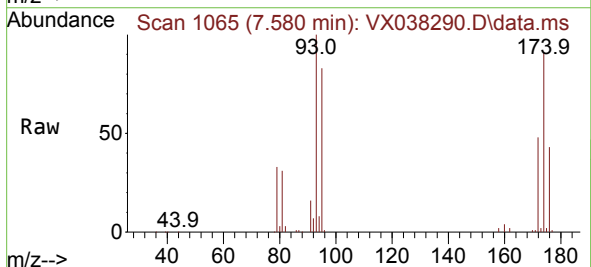
Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15MS

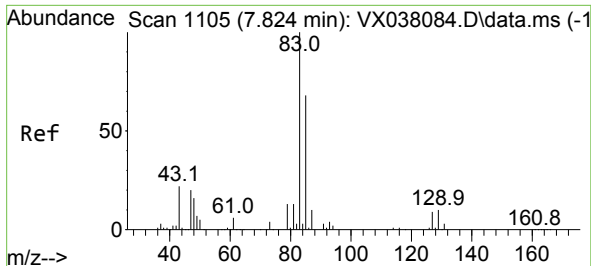
Tgt Ion: 63 Resp: 83503
Ion Ratio Lower Upper
63 100
65 31.7 24.3 36.5



#46
Dibromomethane
Concen: 49.776 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX038290.D
Acq: 13 Oct 2023 17:25

Tgt Ion: 93 Resp: 65523
Ion Ratio Lower Upper
93 100
95 83.9 66.6 100.0
174 92.7 69.4 104.0

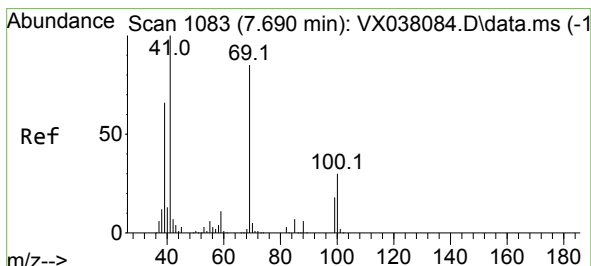
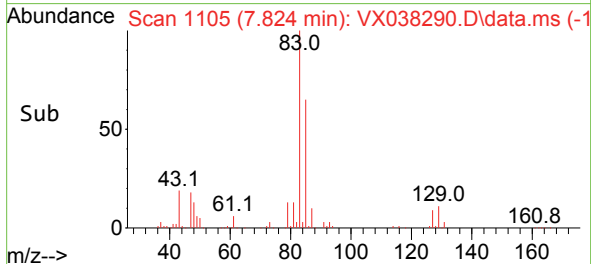
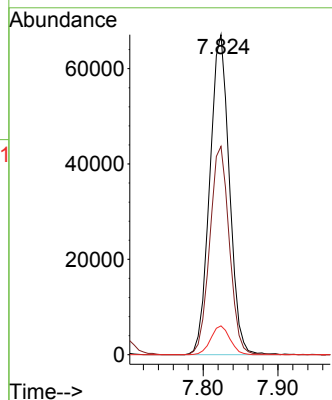
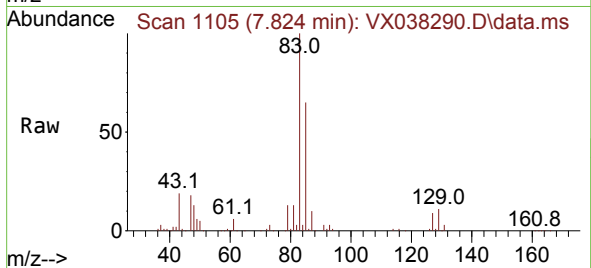




#47
Bromodichloromethane
Concen: 52.154 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX038290.D
Acq: 13 Oct 2023 17:25

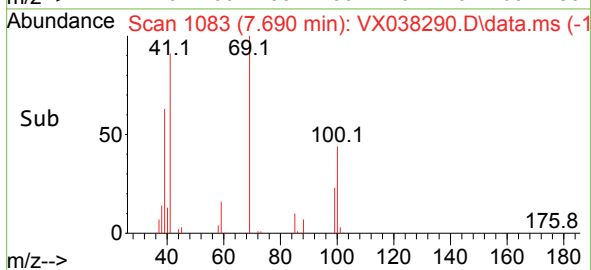
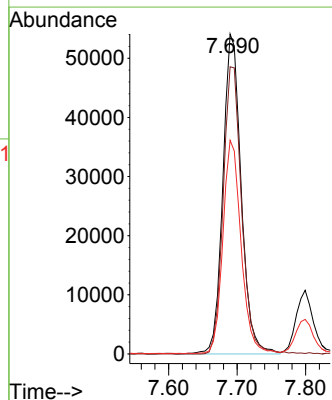
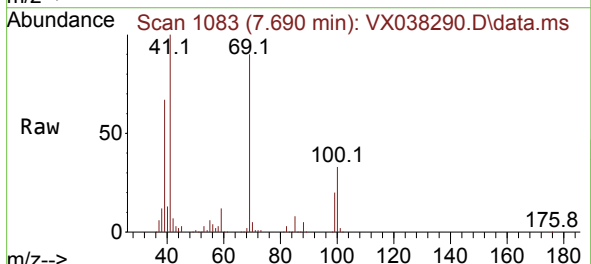
Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15MS

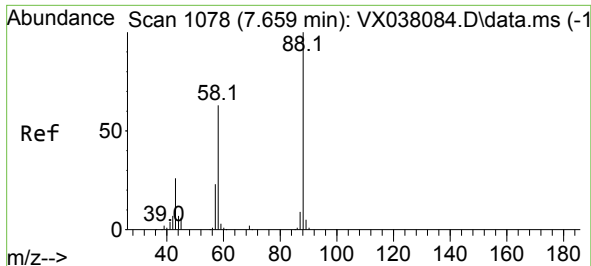
Tgt Ion: 83 Resp: 122132
Ion Ratio Lower Upper
83 100
85 65.1 49.8 74.6
127 9.0 7.1 10.7



#48
Methyl methacrylate
Concen: 50.451 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX038290.D
Acq: 13 Oct 2023 17:25

Tgt Ion: 41 Resp: 100115
Ion Ratio Lower Upper
41 100
69 90.7 59.2 88.8#
39 66.2 47.7 71.5

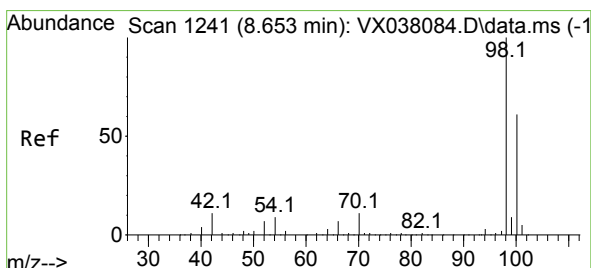
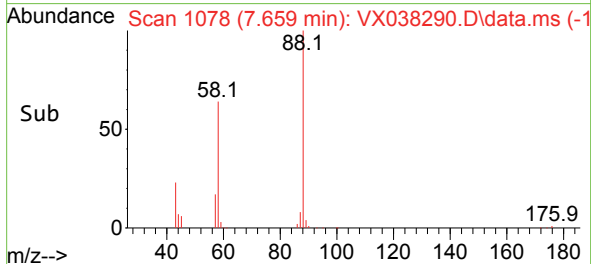
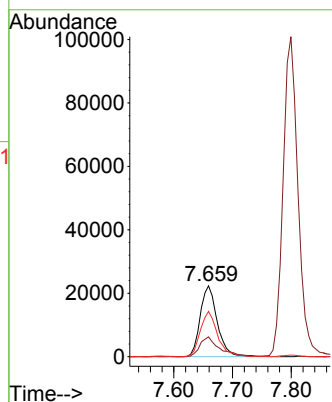
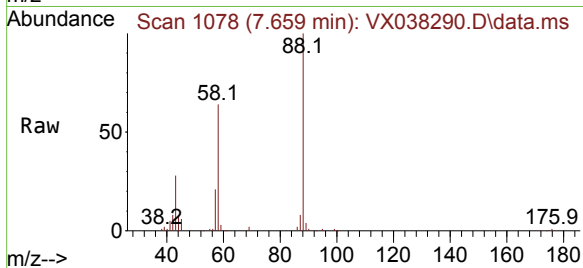




#49
1,4-Dioxane
Concen: 921.270 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX038290.D
Acq: 13 Oct 2023 17:25

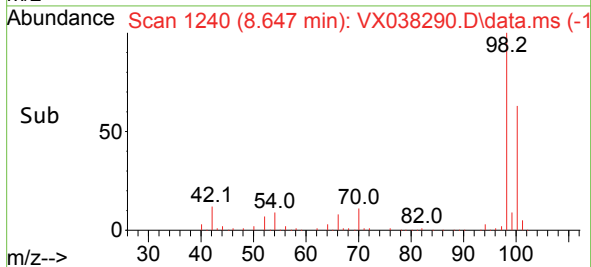
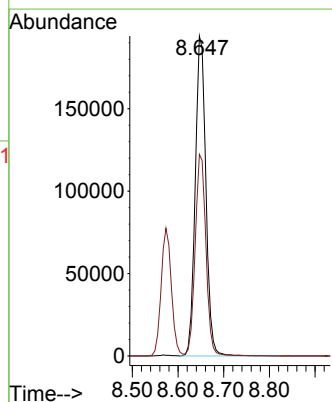
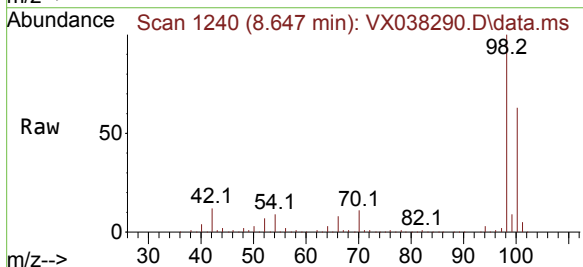
Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15MS

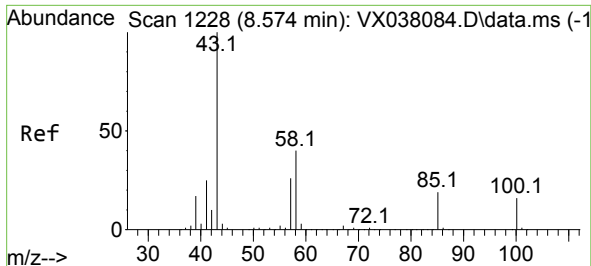
Tgt Ion: 88 Resp: 45050
Ion Ratio Lower Upper
88 100
43 32.0 0.0 0.0#
58 64.8 60.1 90.1



#50
Toluene-d8
Concen: 48.316 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038290.D
Acq: 13 Oct 2023 17:25

Tgt Ion: 98 Resp: 313910
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 256.263 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX038290.D

Acq: 13 Oct 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

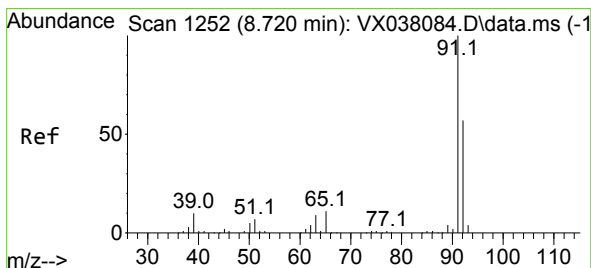
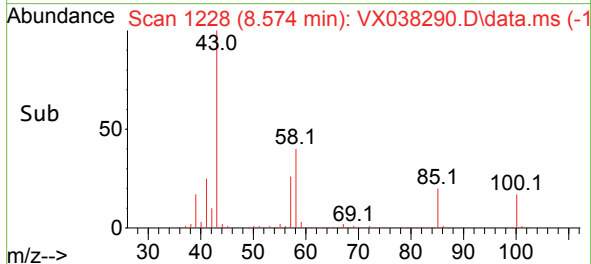
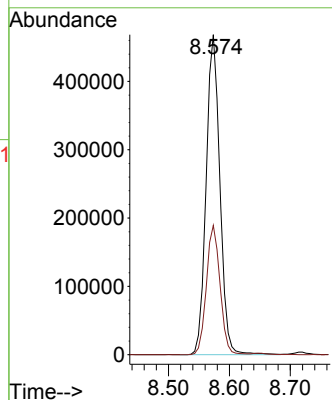
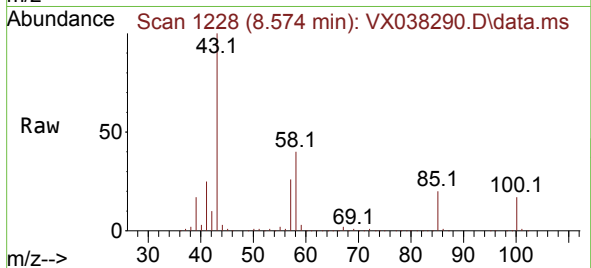
GW-14-12-15MS

Tgt Ion: 43 Resp: 734758

Ion Ratio Lower Upper

43 100

58 40.0 30.4 45.6



#52

Toluene

Concen: 131.330 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX038290.D

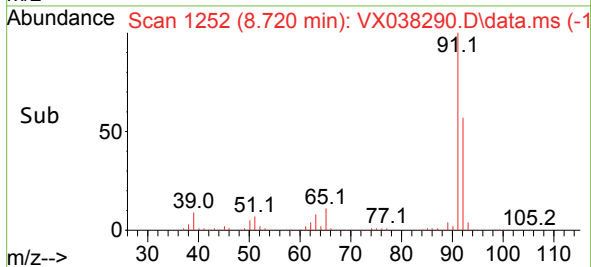
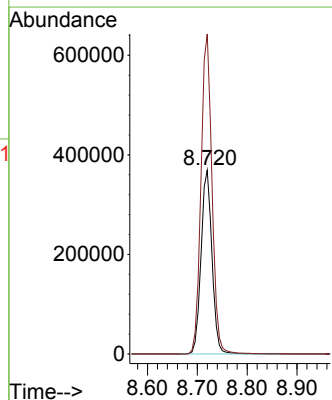
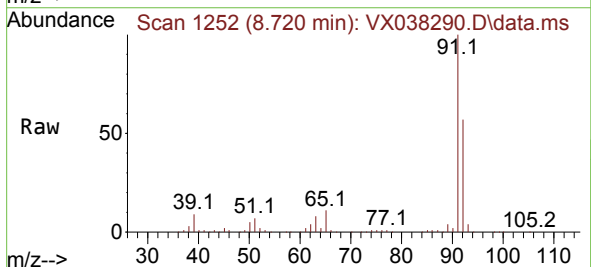
Acq: 13 Oct 2023 17:25

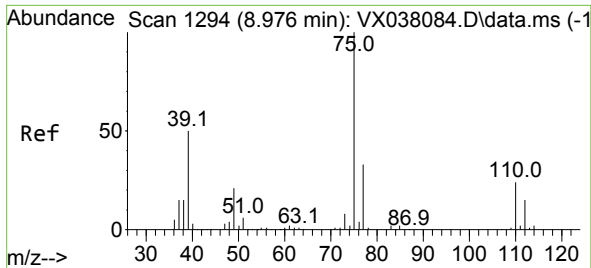
Tgt Ion: 92 Resp: 561003

Ion Ratio Lower Upper

92 100

91 175.2 134.2 201.2

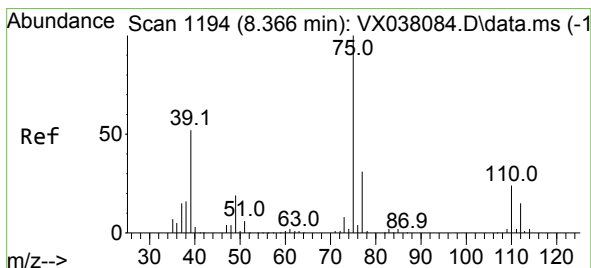
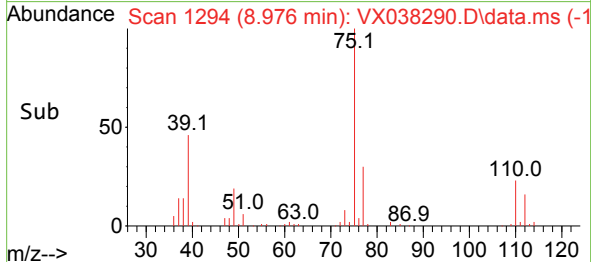
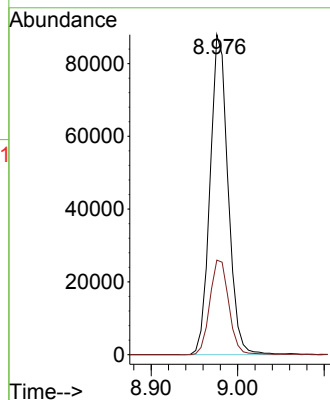
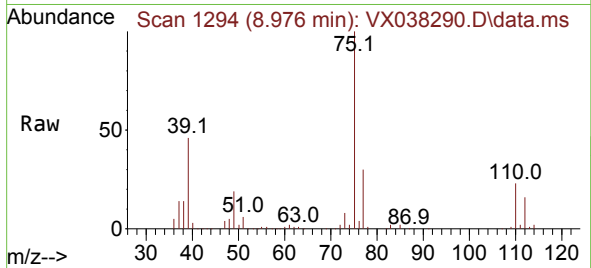




#53
 t-1,3-Dichloropropene
 Concen: 50.423 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. -0.000 min
 Lab File: VX038290.D
 Acq: 13 Oct 2023 17:25

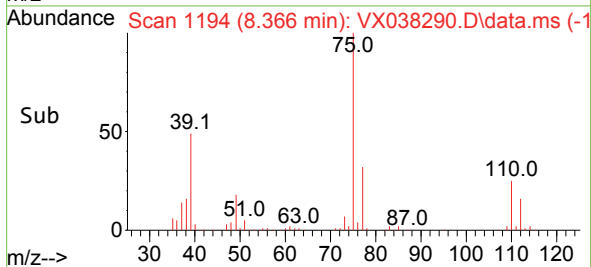
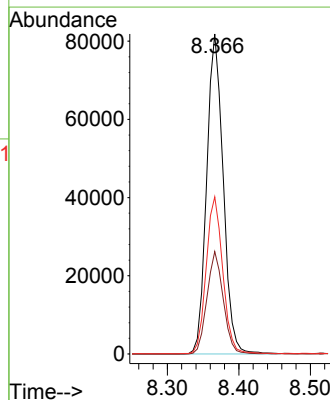
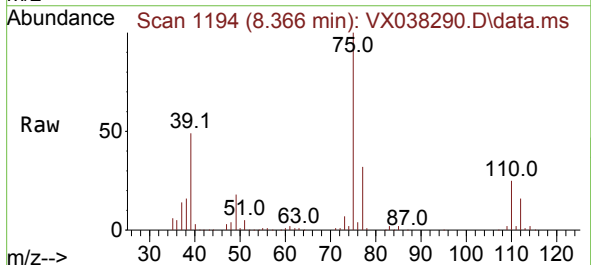
Instrument :
 MSVOA_X
 ClientSampleId :
 GW-14-12-15MS

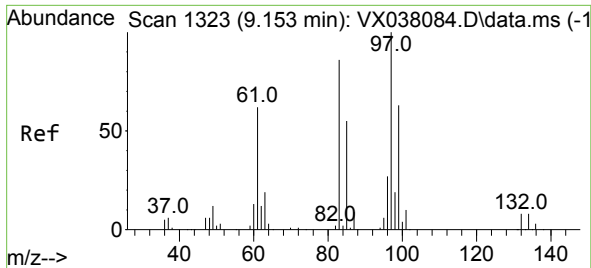
Tgt Ion: 75 Resp: 126746
 Ion Ratio Lower Upper
 75 100
 77 29.5 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 49.729 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX038290.D
 Acq: 13 Oct 2023 17:25

Tgt Ion: 75 Resp: 131331
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.3 37.9
 39 49.0 46.7 70.1

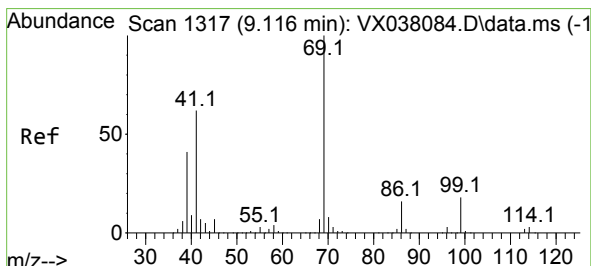
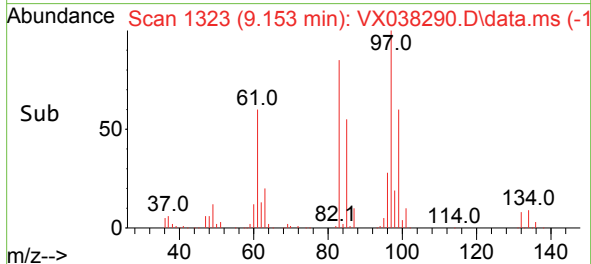
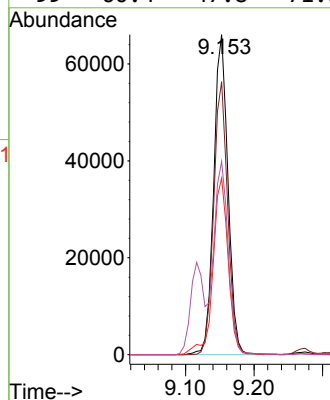
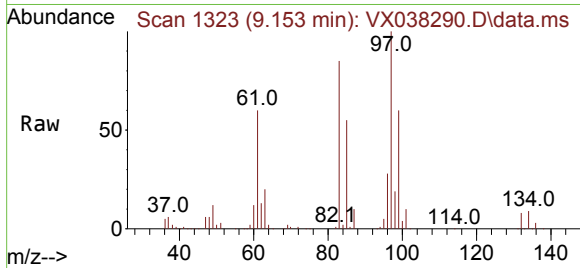




#55
 1,1,2-Trichloroethane
 Concen: 52.295 ug/l
 RT: 9.153 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX038290.D
 Acq: 13 Oct 2023 17:25

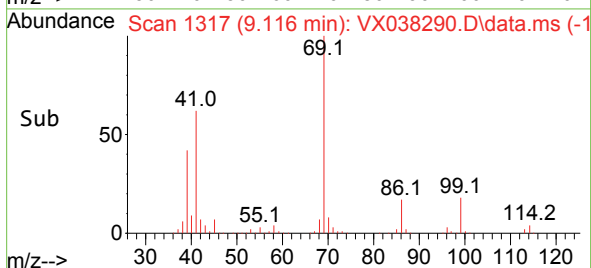
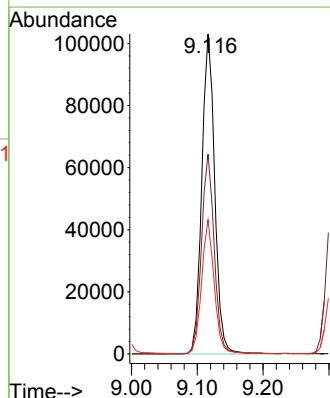
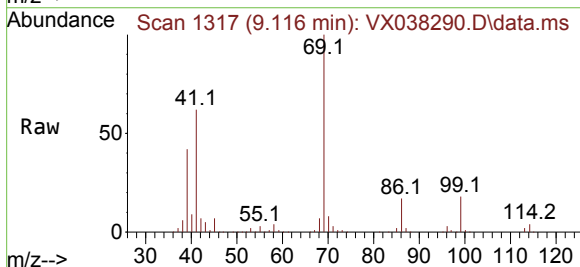
Instrument :
 MSVOA_X
 ClientSampleId :
 GW-14-12-15MS

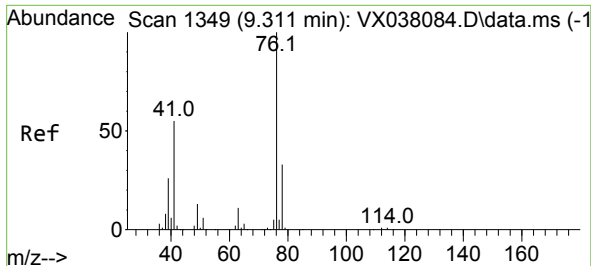
Tgt Ion: 97	Resp: 95551
Ion Ratio	Lower Upper
97 100	
83 85.3	65.8 98.8
85 55.2	41.6 62.4
99 60.4	47.8 71.8



#56
 Ethyl methacrylate
 Concen: 50.248 ug/l
 RT: 9.116 min Scan# 1317
 Delta R.T. 0.000 min
 Lab File: VX038290.D
 Acq: 13 Oct 2023 17:25

Tgt Ion: 69	Resp: 140764
Ion Ratio	Lower Upper
69 100	
41 62.3	56.8 85.2
39 41.0	32.0 48.0





#57

1,3-Dichloropropane

Concen: 50.633 ug/l

RT: 9.305 min Scan# 1163

Delta R.T. -0.006 min

Lab File: VX038290.D

Acq: 13 Oct 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

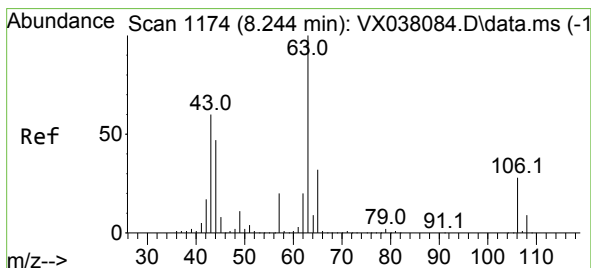
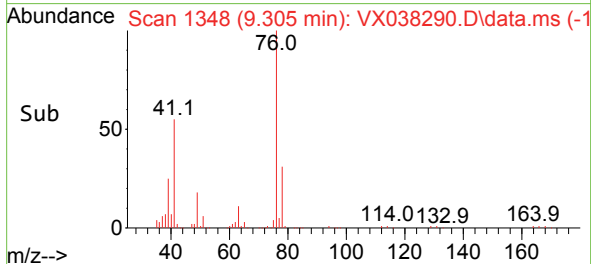
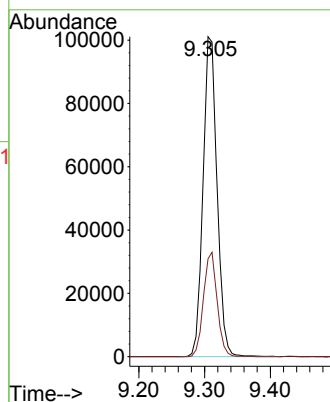
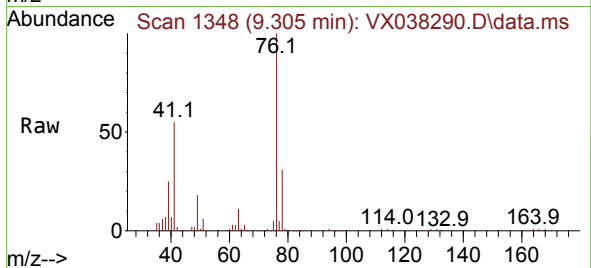
GW-14-12-15MS

Tgt Ion: 76 Resp: 149629

Ion Ratio Lower Upper

76 100

78 31.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 0.272 ug/l

RT: 8.177 min Scan# 1163

Delta R.T. -0.067 min

Lab File: VX038290.D

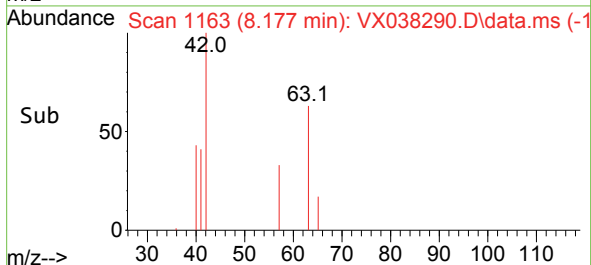
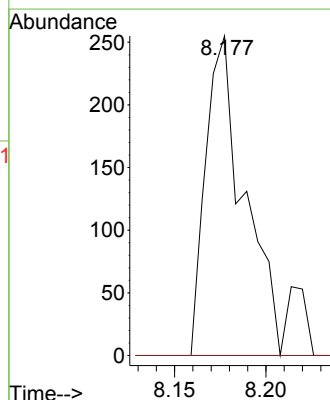
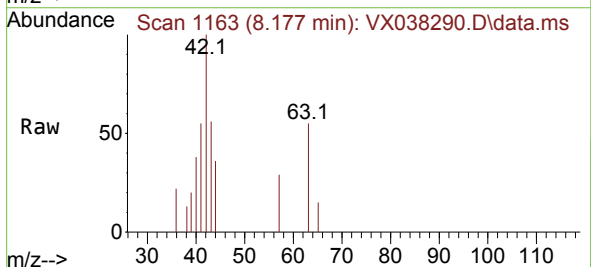
Acq: 13 Oct 2023 17:25

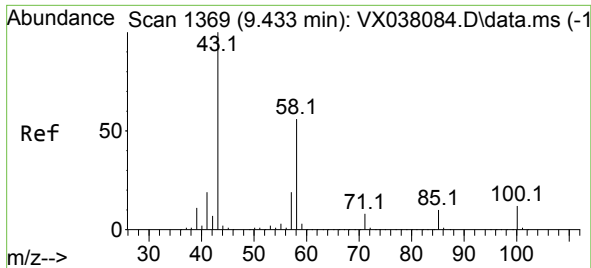
Tgt Ion: 63 Resp: 374

Ion Ratio Lower Upper

63 100

106 0.0 22.5 33.7#

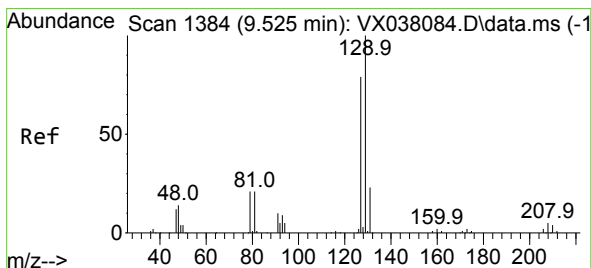
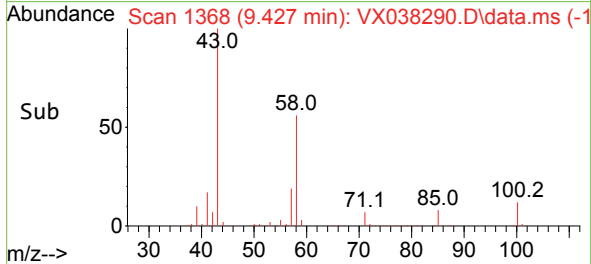
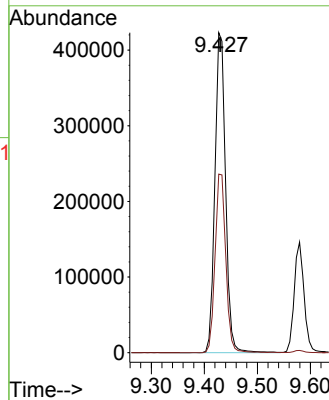
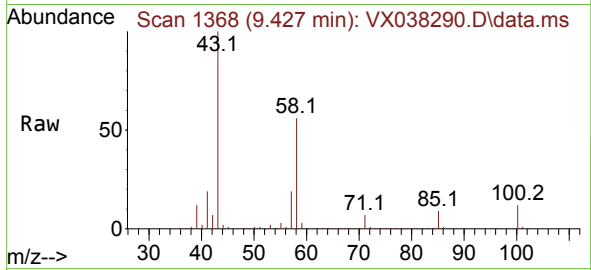




#59
2-Hexanone
Concen: 255.965 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038290.D
Acq: 13 Oct 2023 17:25

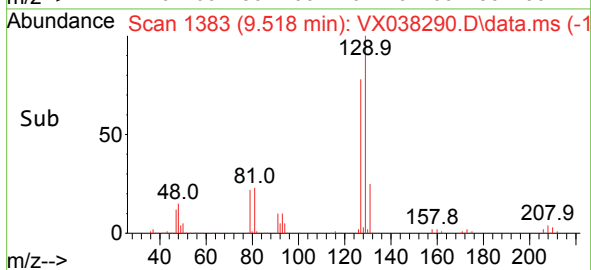
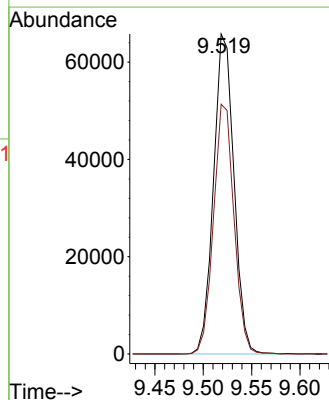
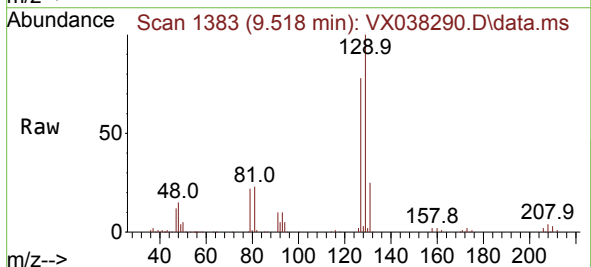
Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15MS

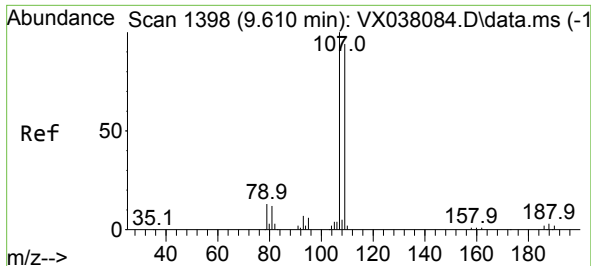
Tgt Ion: 43 Resp: 590003
Ion Ratio Lower Upper
43 100
58 56.3 26.2 78.5



#60
Dibromochloromethane
Concen: 53.976 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.007 min
Lab File: VX038290.D
Acq: 13 Oct 2023 17:25

Tgt Ion: 129 Resp: 96522
Ion Ratio Lower Upper
129 100
127 78.4 38.8 116.4

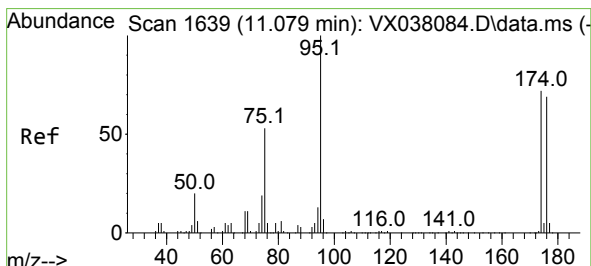
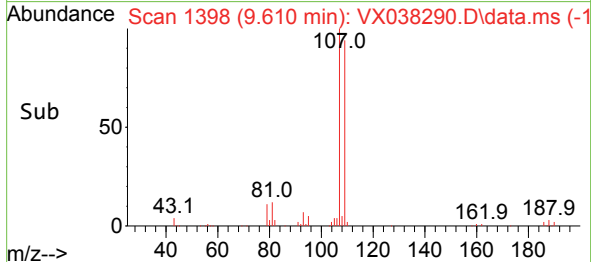
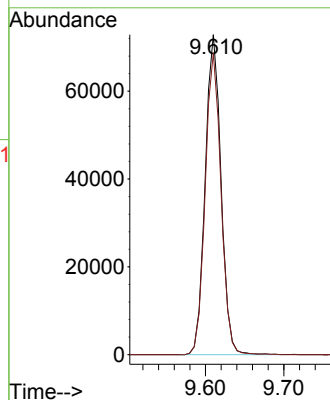
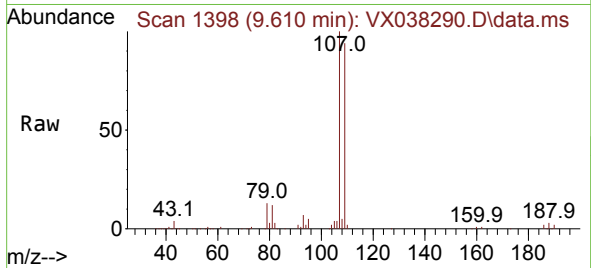




#61
1,2-Dibromoethane
Concen: 51.552 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX038290.D
Acq: 13 Oct 2023 17:25

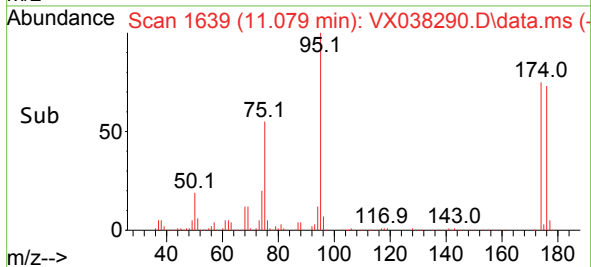
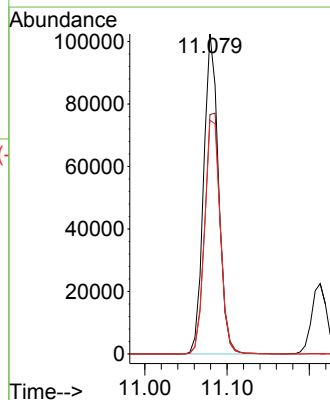
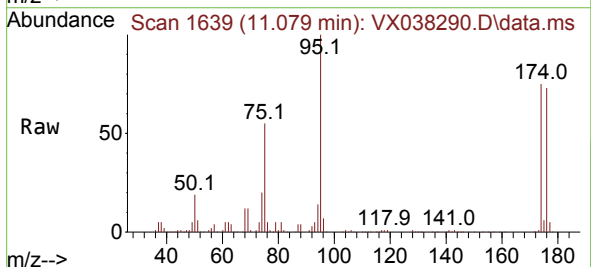
Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15MS

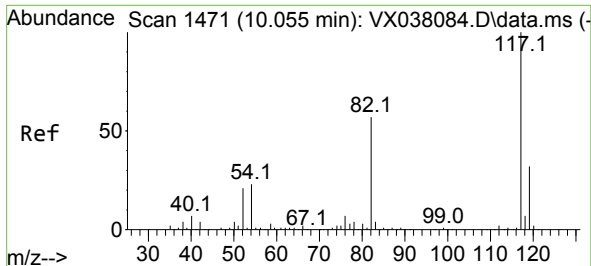
Tgt Ion:107 Resp: 101859
Ion Ratio Lower Upper
107 100
109 94.3 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 51.943 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038290.D
Acq: 13 Oct 2023 17:25

Tgt Ion: 95 Resp: 127940
Ion Ratio Lower Upper
95 100
174 79.5 0.0 135.6
176 76.7 0.0 131.0

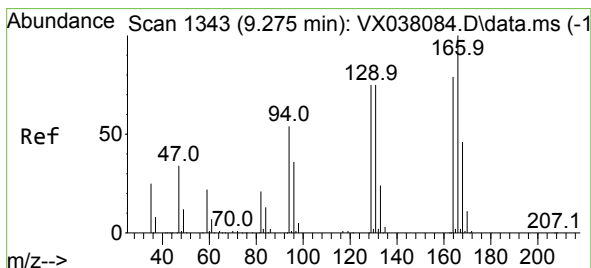
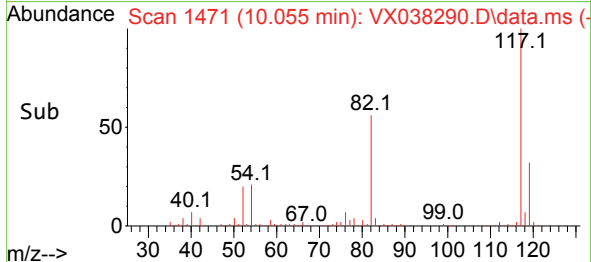
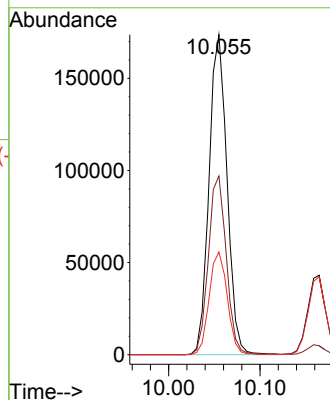
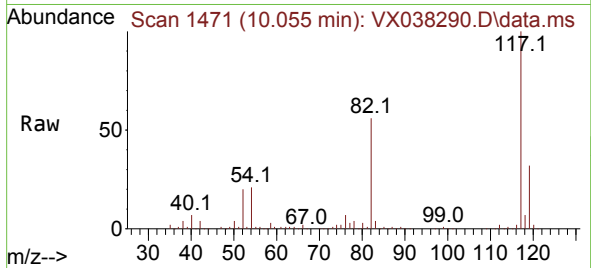




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038290.D
Acq: 13 Oct 2023 17:25

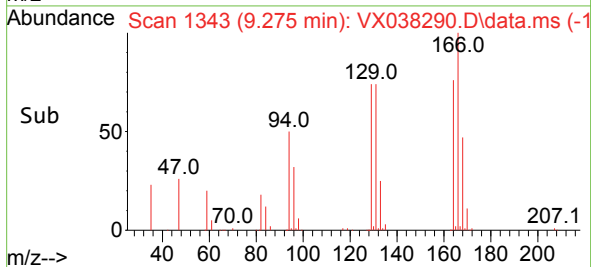
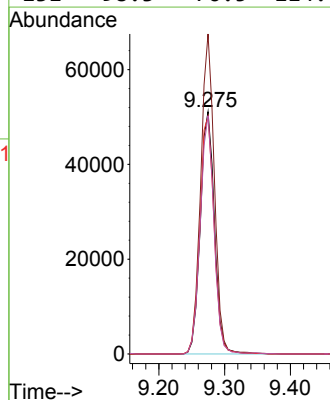
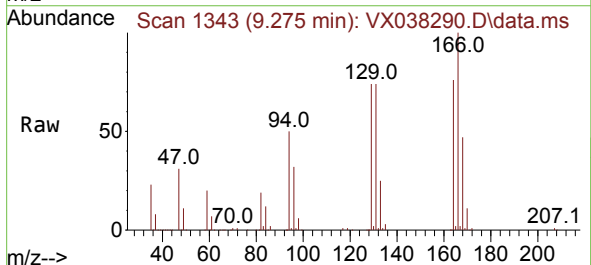
Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15MS

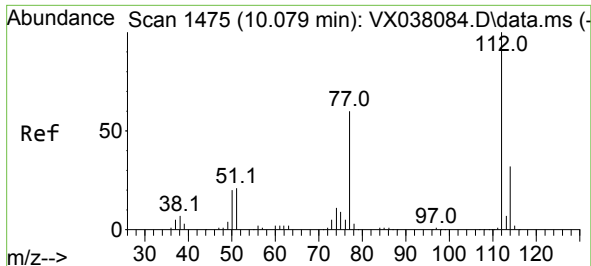
Tgt Ion:117 Resp: 236698
Ion Ratio Lower Upper
117 100
82 55.9 46.2 69.4
119 32.1 25.5 38.3



#64
Tetrachloroethene
Concen: 49.707 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038290.D
Acq: 13 Oct 2023 17:25

Tgt Ion:164 Resp: 76166
Ion Ratio Lower Upper
164 100
166 132.1 102.7 154.1
129 98.1 80.4 120.6
131 98.3 76.5 114.7

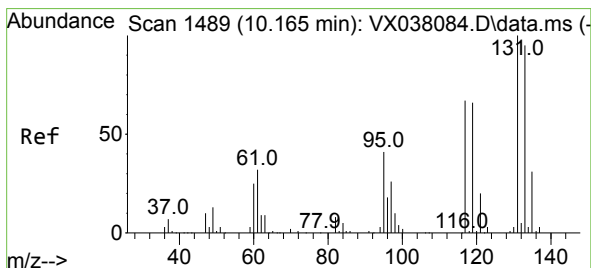
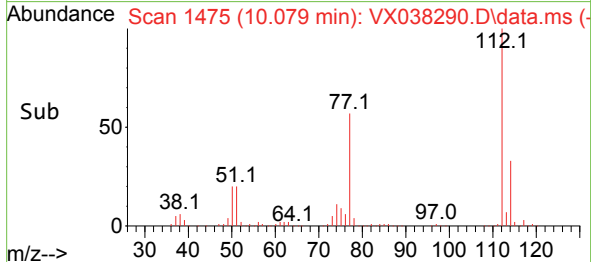
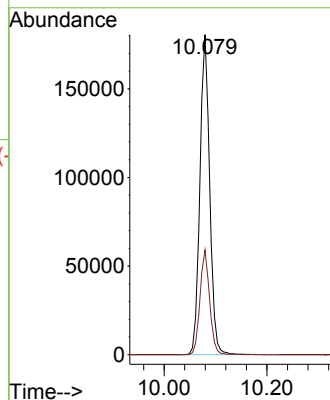
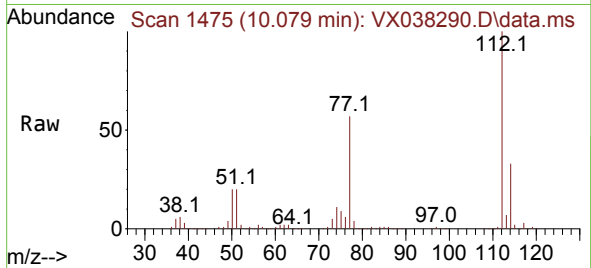




#65
Chlorobenzene
Concen: 48.170 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038290.D
Acq: 13 Oct 2023 17:25

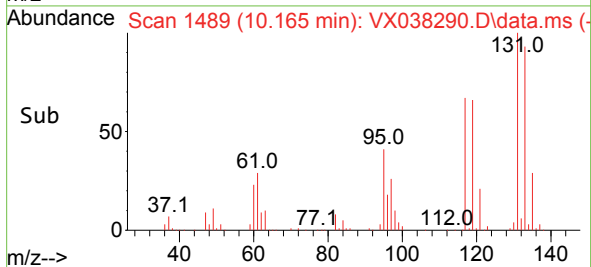
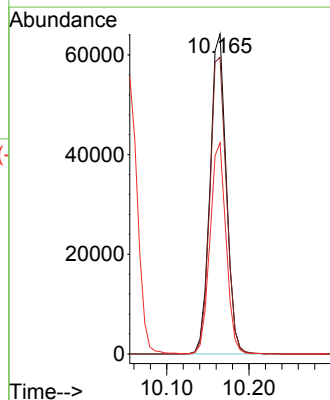
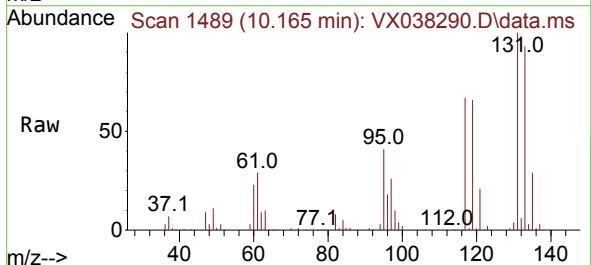
Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15MS

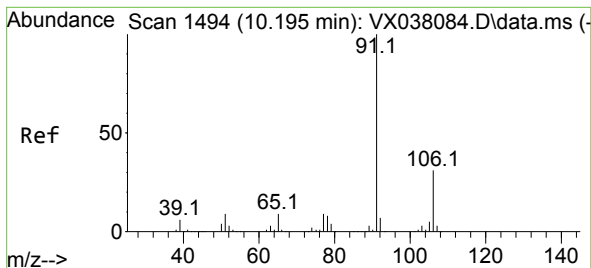
Tgt Ion:112 Resp: 238589
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 52.478 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX038290.D
Acq: 13 Oct 2023 17:25

Tgt Ion:131 Resp: 87894
Ion Ratio Lower Upper
131 100
133 94.6 47.1 141.4
119 65.6 32.2 96.6

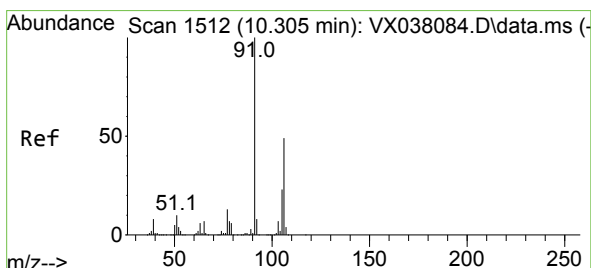
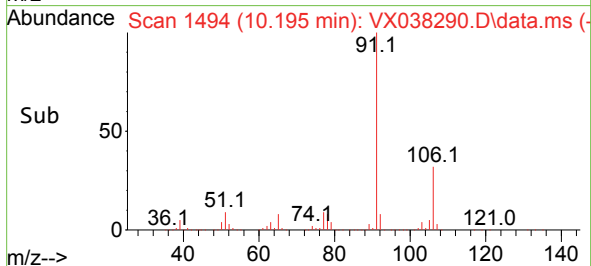
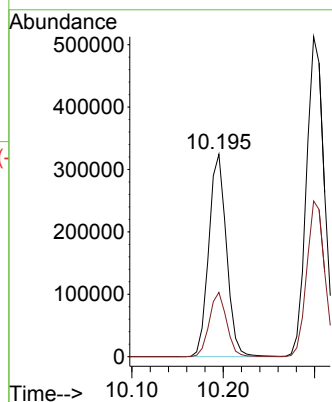
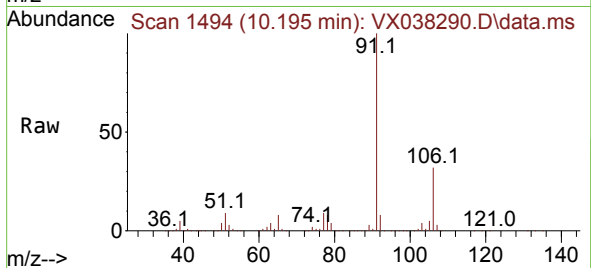




#67
Ethyl Benzene
Concen: 49.232 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038290.D
Acq: 13 Oct 2023 17:25

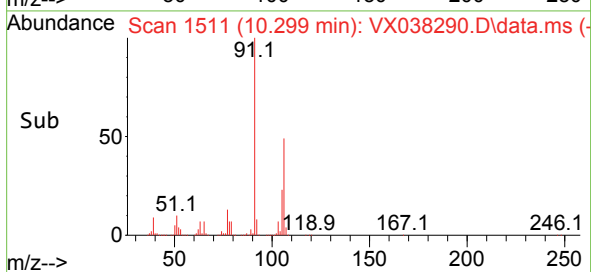
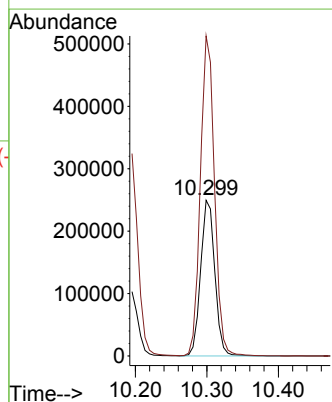
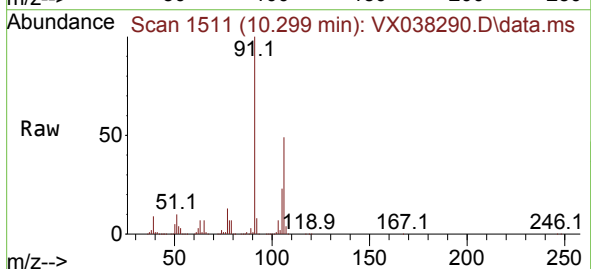
Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15MS

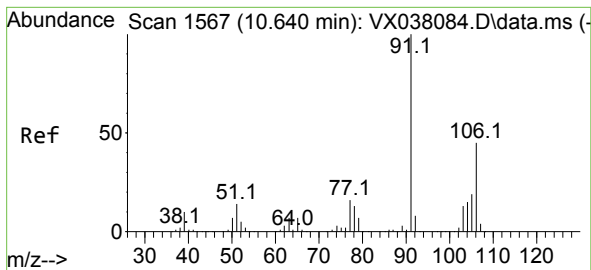
Tgt Ion: 91 Resp: 435268
Ion Ratio Lower Upper
91 100
106 31.7 24.9 37.3



#68
m/p-Xylenes
Concen: 100.317 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038290.D
Acq: 13 Oct 2023 17:25

Tgt Ion:106 Resp: 342938
Ion Ratio Lower Upper
106 100
91 204.6 165.5 248.3





#69

o-Xylene

Concen: 49.690 ug/l

RT: 10.640 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038290.D

Acq: 13 Oct 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

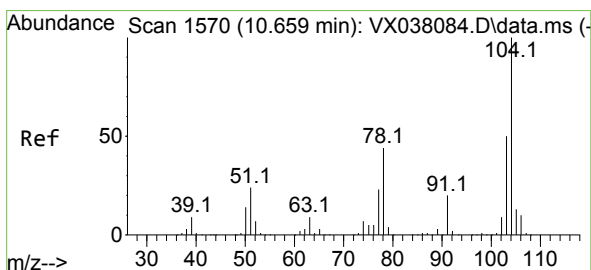
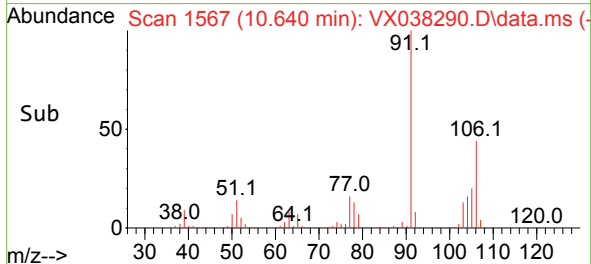
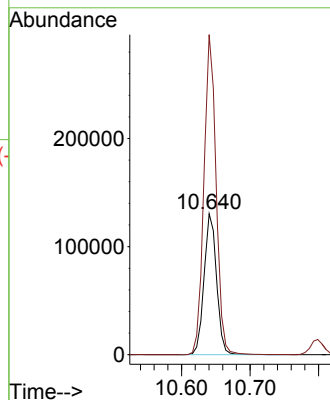
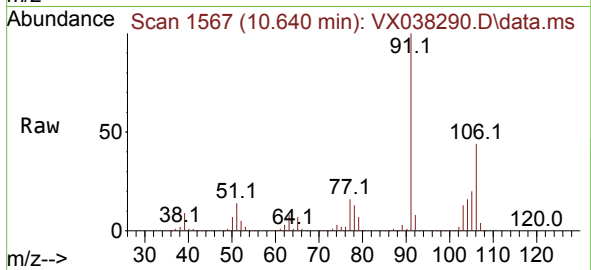
GW-14-12-15MS

Tgt Ion:106 Resp: 165790

Ion Ratio Lower Upper

106 100

91 221.4 108.9 326.8



#70

Styrene

Concen: 52.113 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.007 min

Lab File: VX038290.D

Acq: 13 Oct 2023 17:25

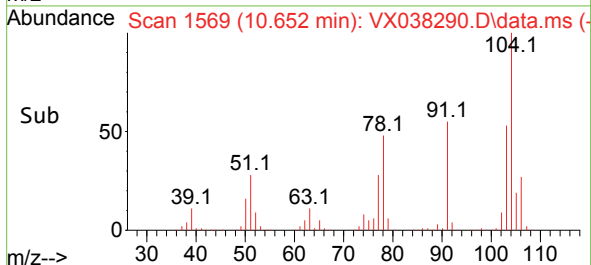
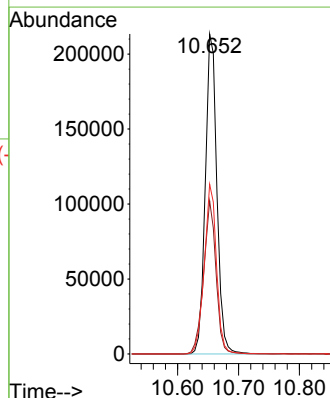
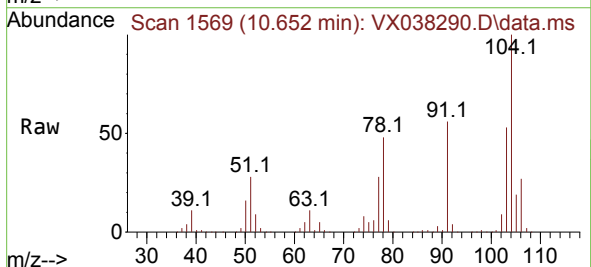
Tgt Ion:104 Resp: 283157

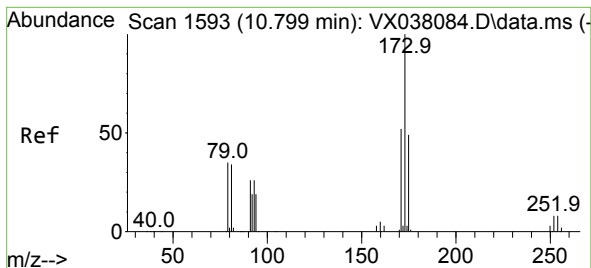
Ion Ratio Lower Upper

104 100

78 51.1 43.6 65.4

103 56.1 43.6 65.4





#71

Bromoform

Concen: 47.224 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX038290.D

Acq: 13 Oct 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

GW-14-12-15MS

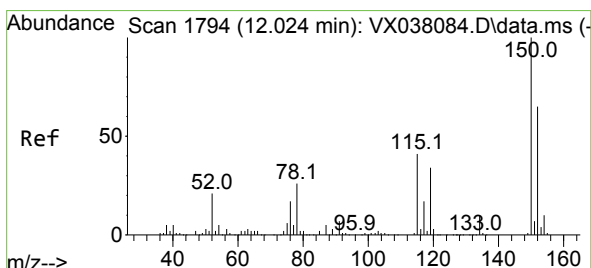
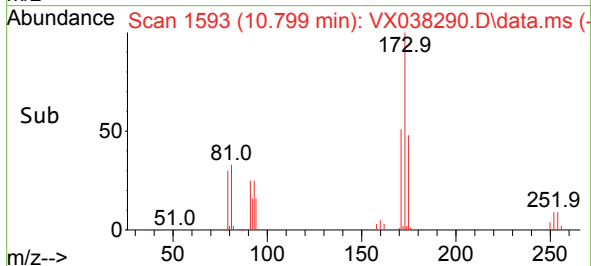
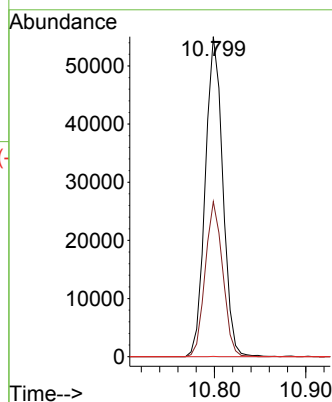
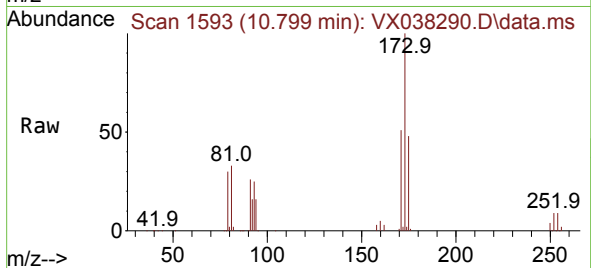
Tgt Ion:173 Resp: 73112

Ion Ratio Lower Upper

173 100

175 48.4 24.1 72.4

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX038290.D

Acq: 13 Oct 2023 17:25

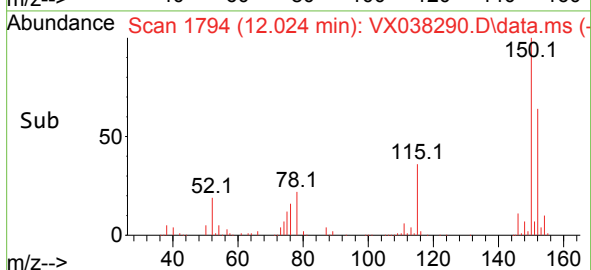
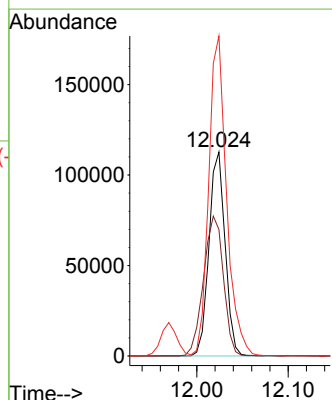
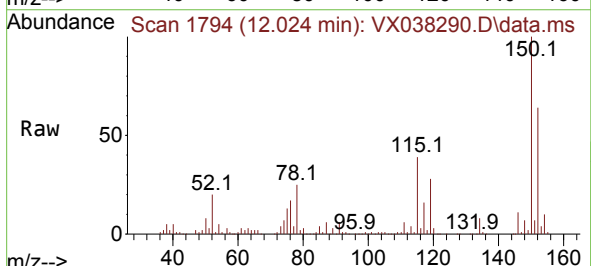
Tgt Ion:152 Resp: 138082

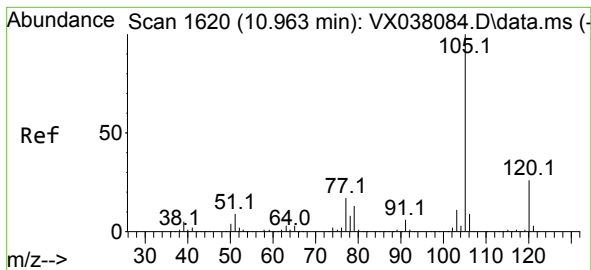
Ion Ratio Lower Upper

152 100

115 85.0 43.3 129.9

150 173.1 0.0 345.0





#73

Isopropylbenzene

Concen: 47.659 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038290.D

Acq: 13 Oct 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

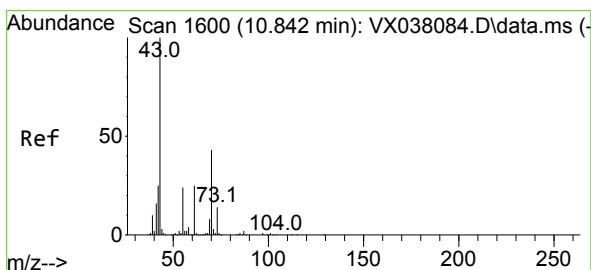
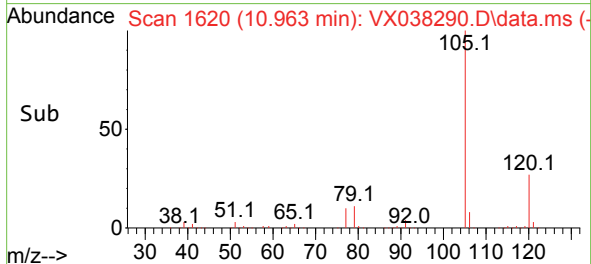
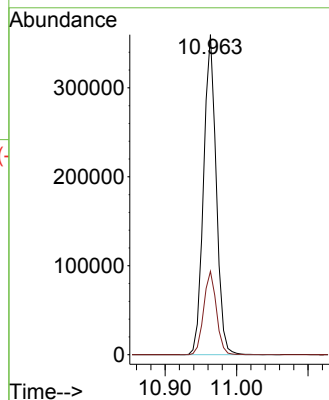
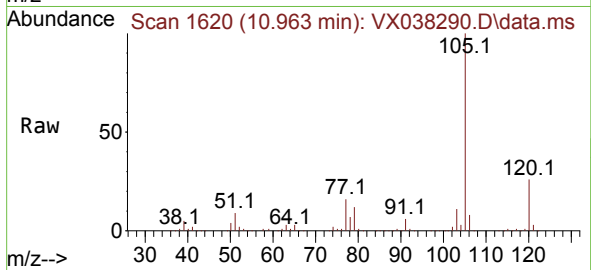
GW-14-12-15MS

Tgt Ion:105 Resp: 441331

Ion Ratio Lower Upper

105 100

120 26.2 12.9 38.6



#74

N-ethyl acetate

Concen: 47.556 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.001 min

Lab File: VX038290.D

Acq: 13 Oct 2023 17:25

Tgt Ion: 43 Resp: 188057

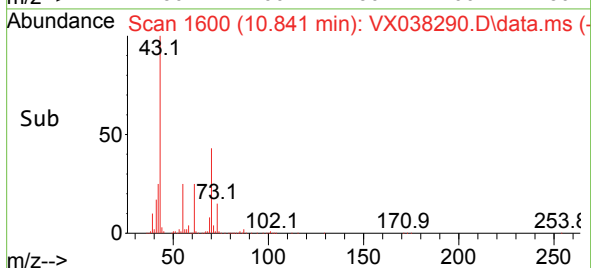
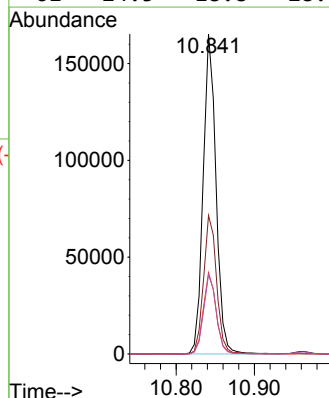
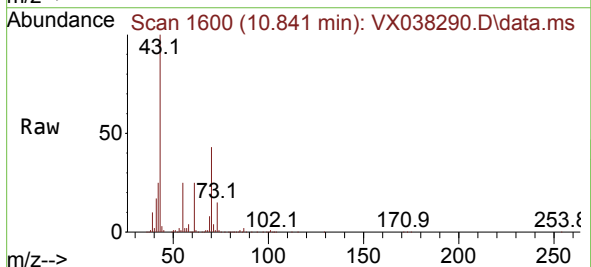
Ion Ratio Lower Upper

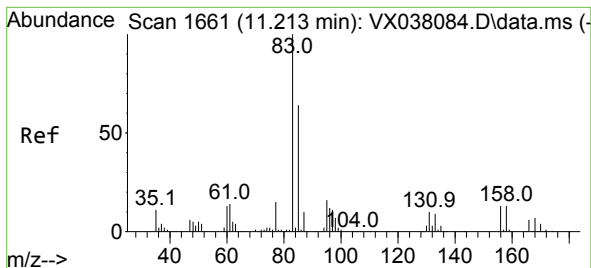
43 100

70 44.1 32.9 49.3

55 25.6 19.3 28.9

61 24.5 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 50.190 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038290.D

Acq: 13 Oct 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

GW-14-12-15MS

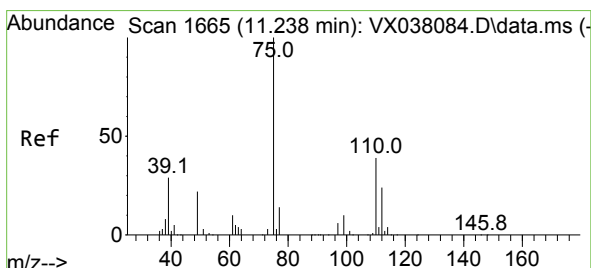
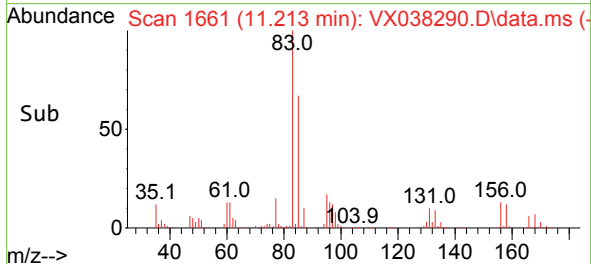
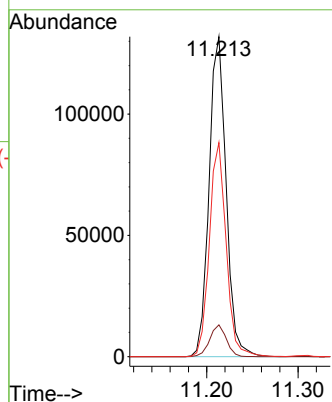
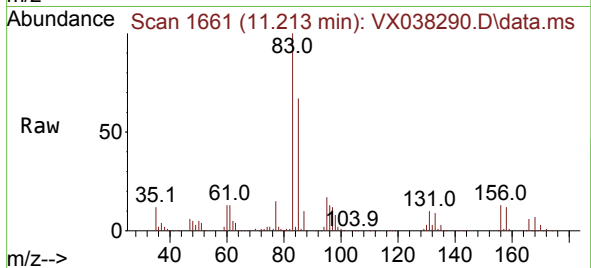
Tgt Ion: 83 Resp: 170543

Ion Ratio Lower Upper

83 100

131 9.7 5.3 15.8

85 65.9 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 57.314 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX038290.D

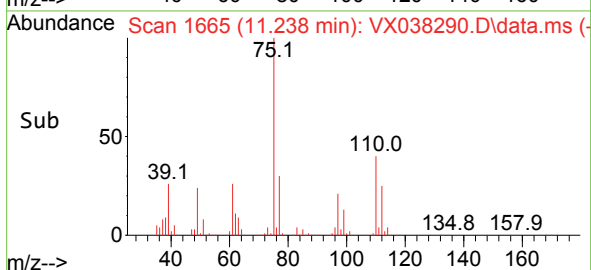
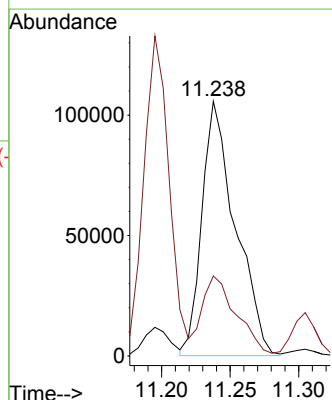
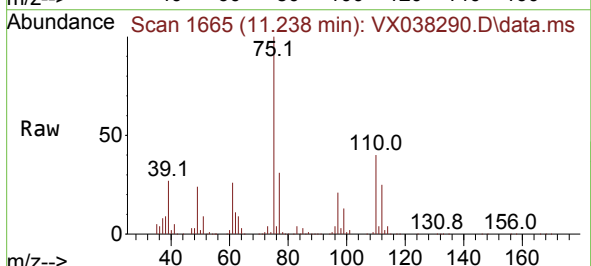
Acq: 13 Oct 2023 17:25

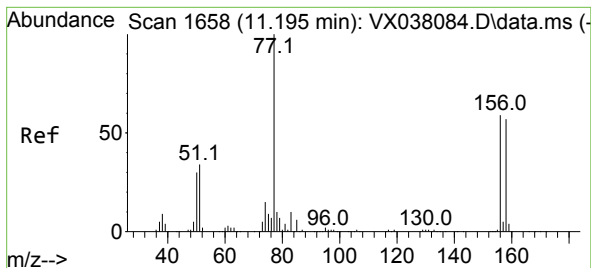
Tgt Ion: 75 Resp: 179917

Ion Ratio Lower Upper

75 100

77 32.4 19.1 57.5





#77

Bromobenzene

Concen: 48.955 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038290.D

Acq: 13 Oct 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

GW-14-12-15MS

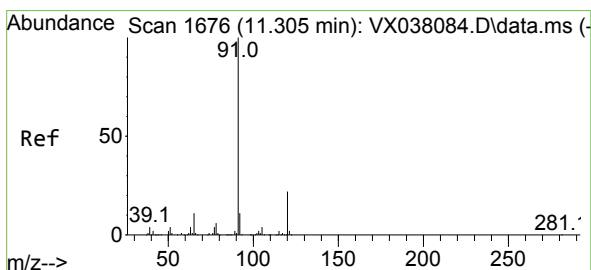
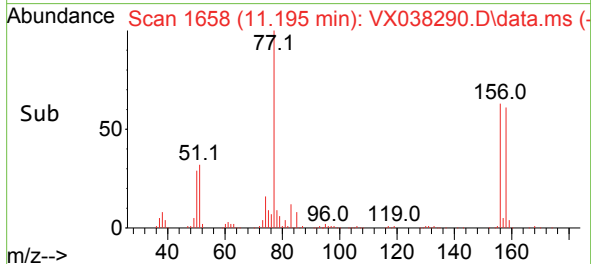
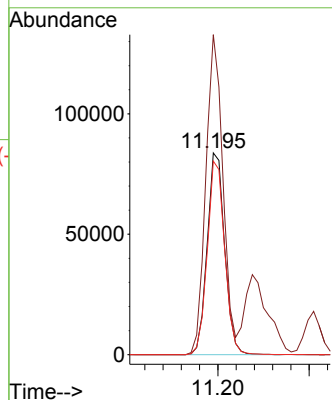
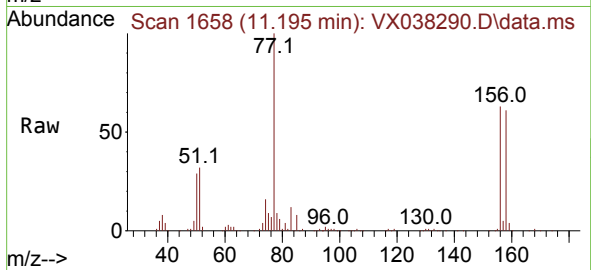
Tgt Ion:156 Resp: 110677

Ion Ratio Lower Upper

156 100

77 155.2 88.4 265.3

158 95.9 48.0 144.0



#78

n-propylbenzene

Concen: 47.553 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX038290.D

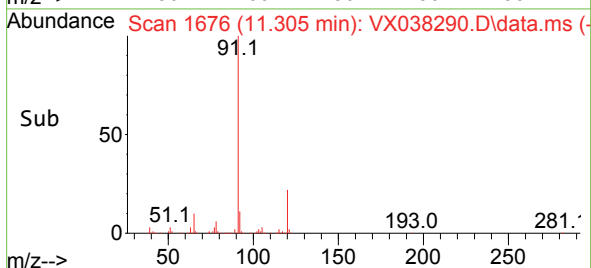
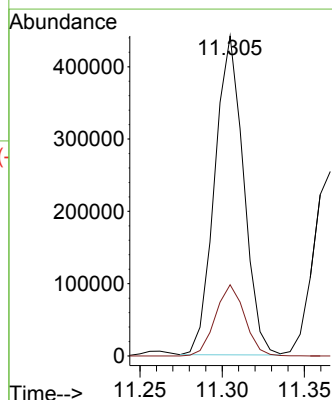
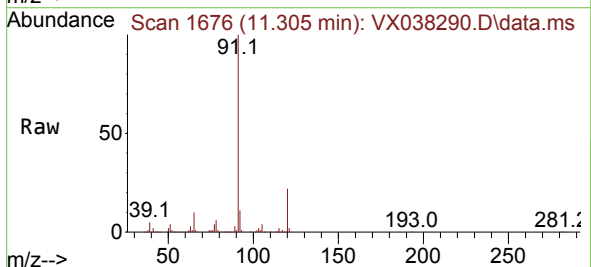
Acq: 13 Oct 2023 17:25

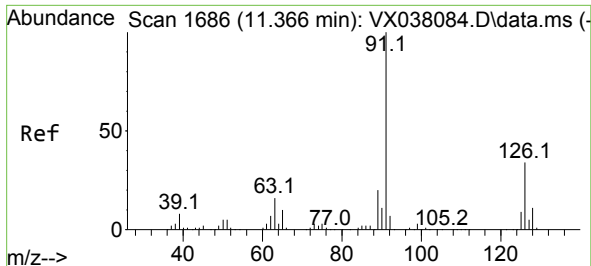
Tgt Ion: 91 Resp: 538436

Ion Ratio Lower Upper

91 100

120 22.6 11.5 34.4

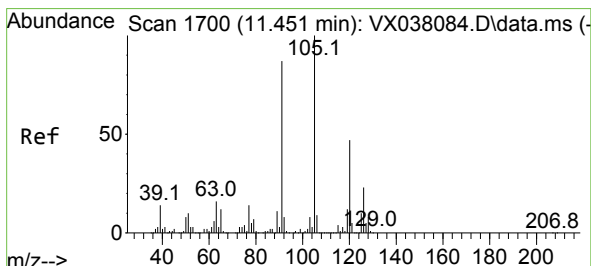
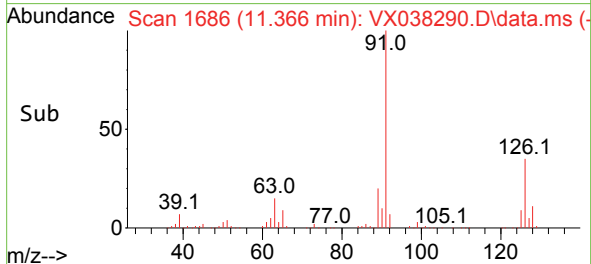
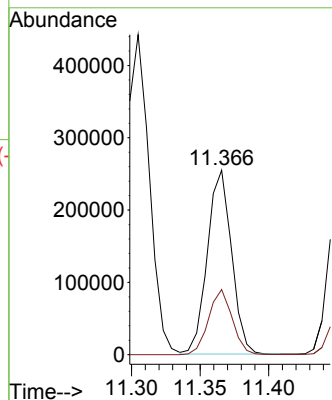
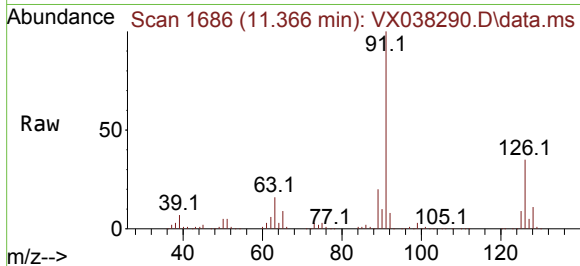




#79
2-Chlorotoluene
Concen: 46.585 ug/l
RT: 11.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038290.D
Acq: 13 Oct 2023 17:25

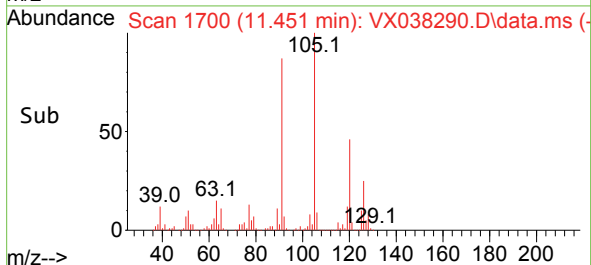
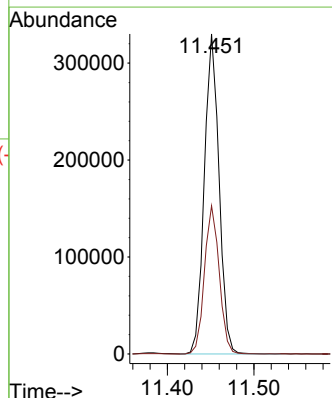
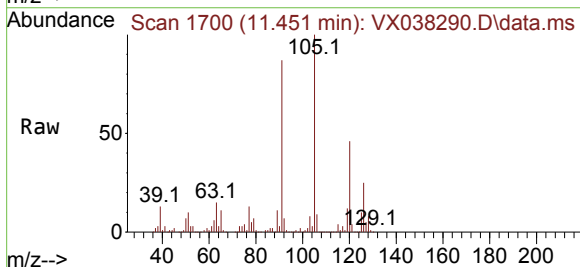
Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15MS

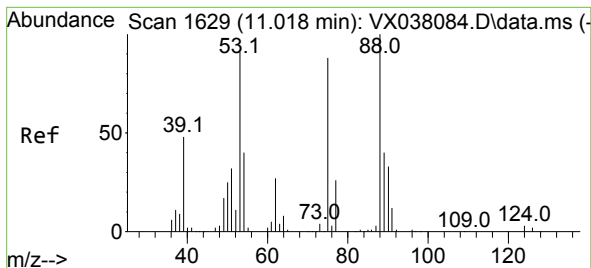
Tgt Ion: 91 Resp: 312819
Ion Ratio Lower Upper
91 100
126 34.7 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 48.676 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038290.D
Acq: 13 Oct 2023 17:25

Tgt Ion: 105 Resp: 388875
Ion Ratio Lower Upper
105 100
120 46.5 24.1 72.3

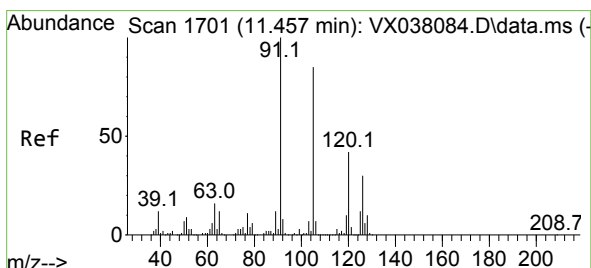
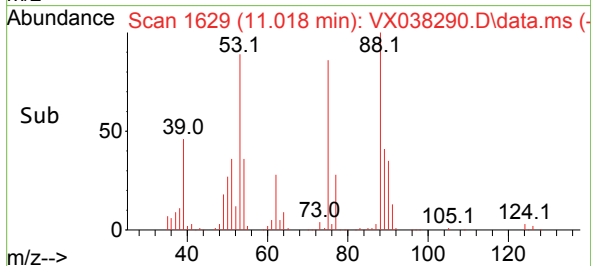
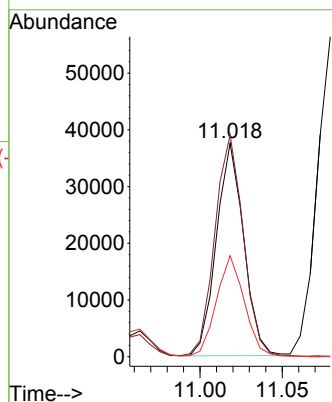
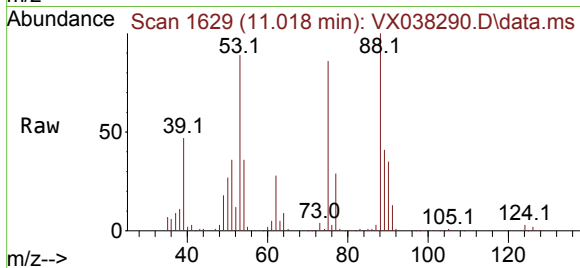




#81
trans-1,4-Dichloro-2-butene
Concen: 41.121 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038290.D
Acq: 13 Oct 2023 17:25

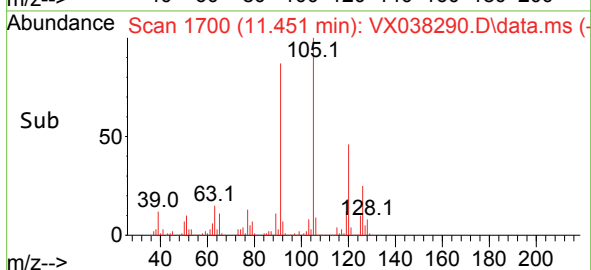
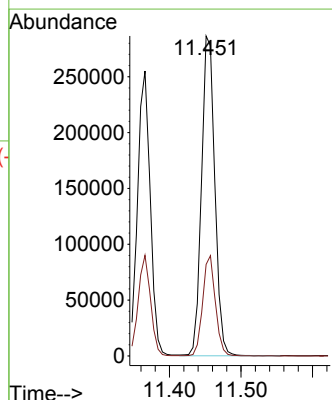
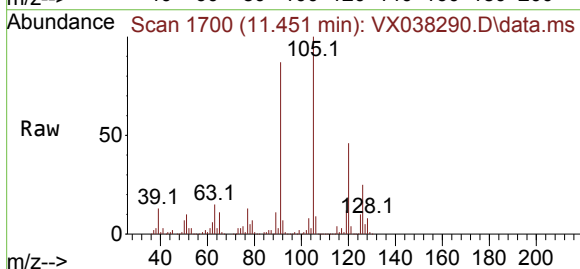
Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15MS

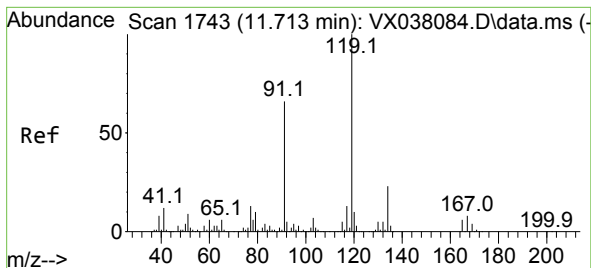
Tgt Ion: 75 Resp: 43370
Ion Ratio Lower Upper
75 100
53 108.1 90.5 135.7
89 48.7 36.9 55.3



#82
4-Chlorotoluene
Concen: 46.603 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX038290.D
Acq: 13 Oct 2023 17:25

Tgt Ion: 91 Resp: 370312
Ion Ratio Lower Upper
91 100
126 30.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 49.939 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX038290.D

Acq: 13 Oct 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

GW-14-12-15MS

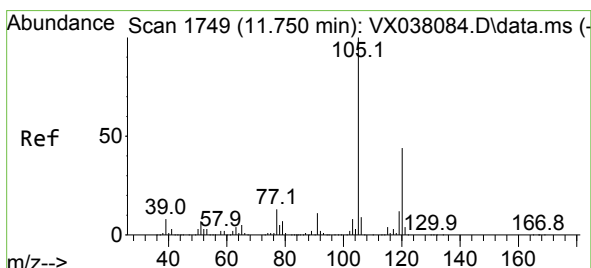
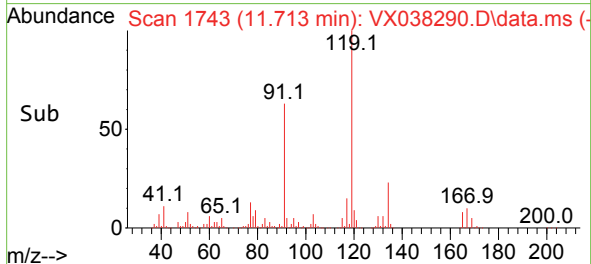
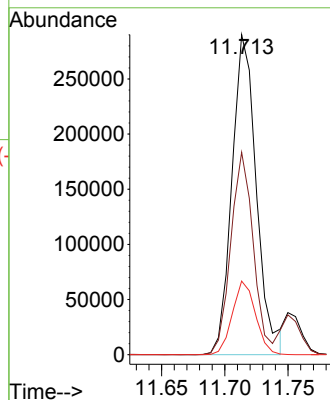
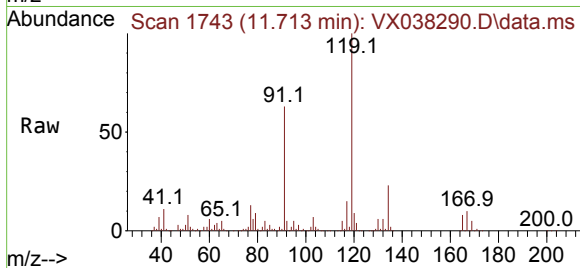
Tgt Ion:119 Resp: 389844

Ion Ratio Lower Upper

119 100

91 58.3 31.2 93.6

134 21.8 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 48.930 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX038290.D

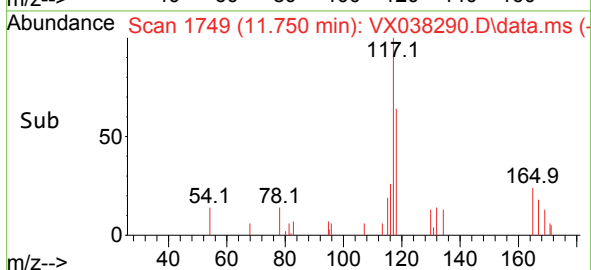
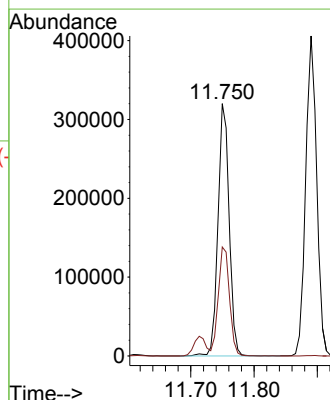
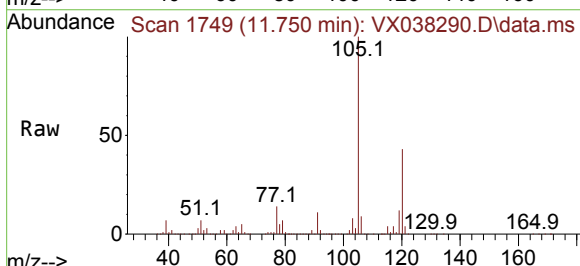
Acq: 13 Oct 2023 17:25

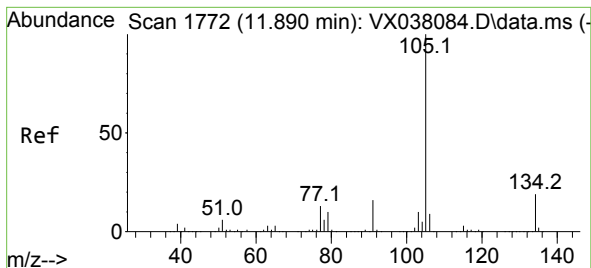
Tgt Ion:105 Resp: 389756

Ion Ratio Lower Upper

105 100

120 43.3 21.2 63.6

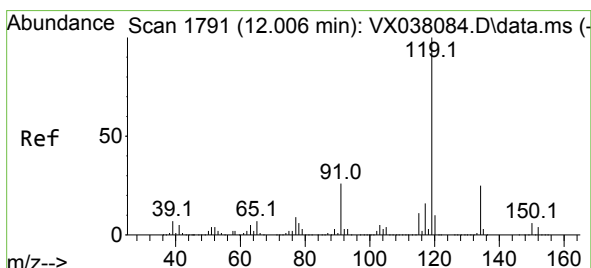
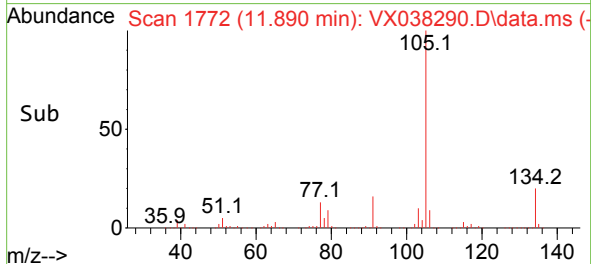
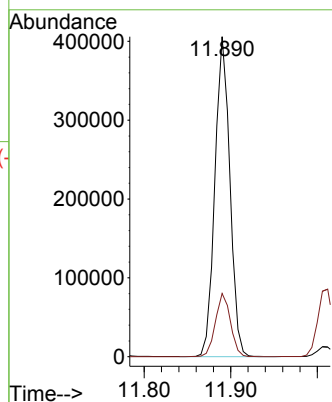
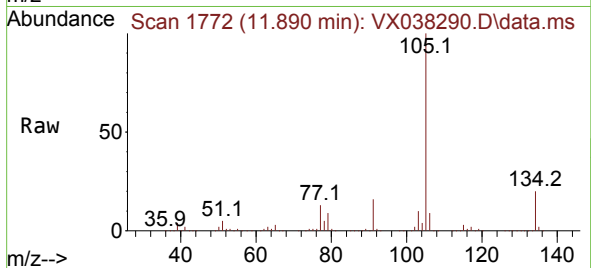




#85
 sec-Butylbenzene
 Concen: 48.230 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038290.D
 Acq: 13 Oct 2023 17:25

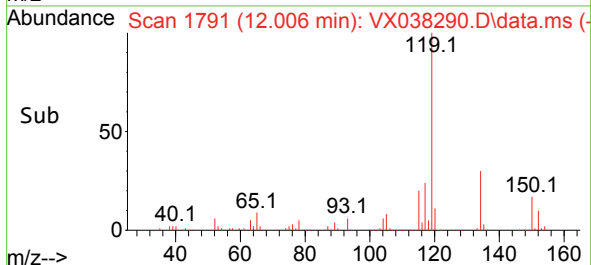
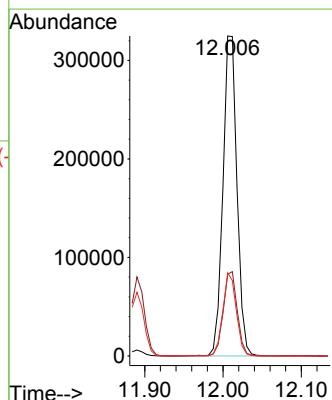
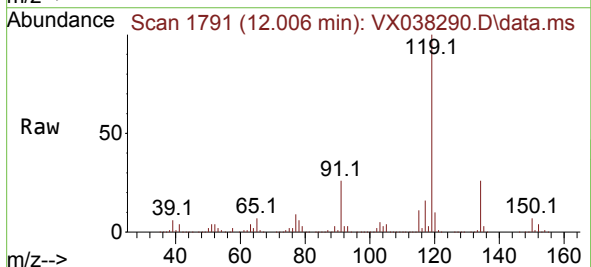
Instrument :
 MSVOA_X
 ClientSampleId :
 GW-14-12-15MS

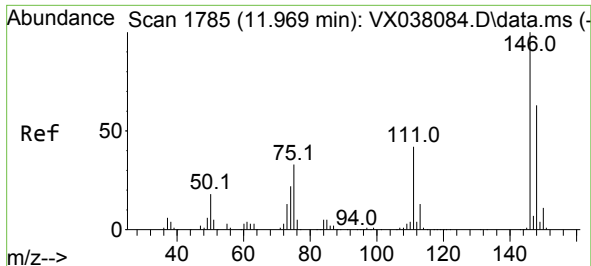
Tgt Ion:105 Resp: 487716
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 48.592 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX038290.D
 Acq: 13 Oct 2023 17:25

Tgt Ion:119 Resp: 405408
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.8 38.3
 91 24.9 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 47.583 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038290.D

Acq: 13 Oct 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

GW-14-12-15MS

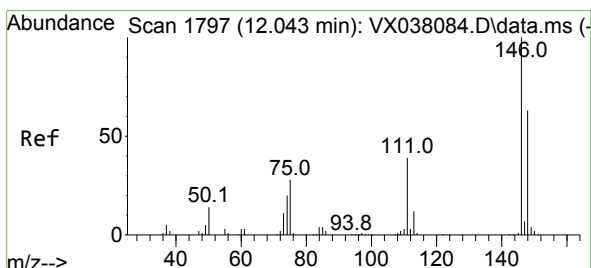
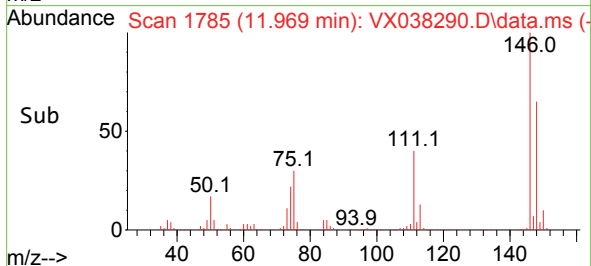
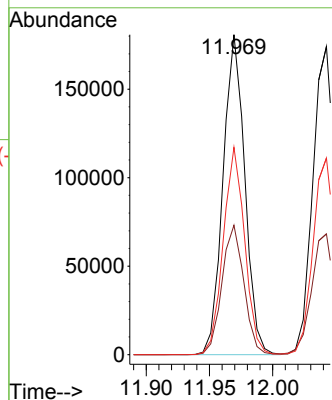
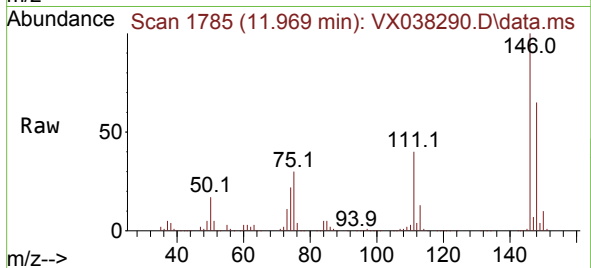
Tgt Ion:146 Resp: 216070

Ion Ratio Lower Upper

146 100

111 40.9 22.1 66.1

148 63.9 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 47.196 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.001 min

Lab File: VX038290.D

Acq: 13 Oct 2023 17:25

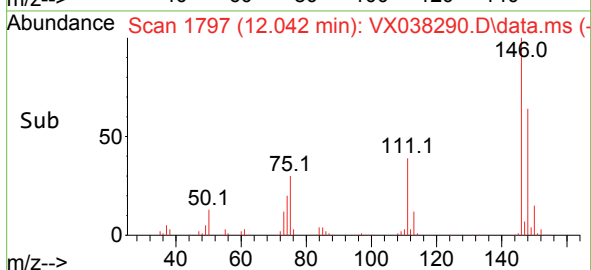
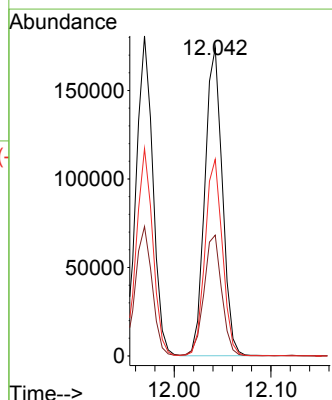
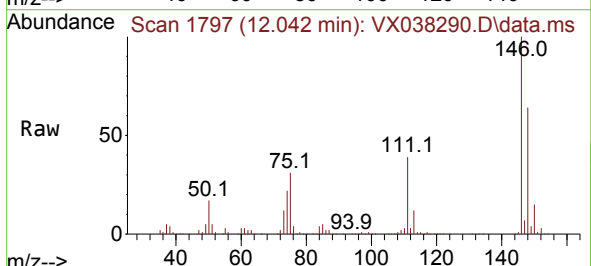
Tgt Ion:146 Resp: 218800

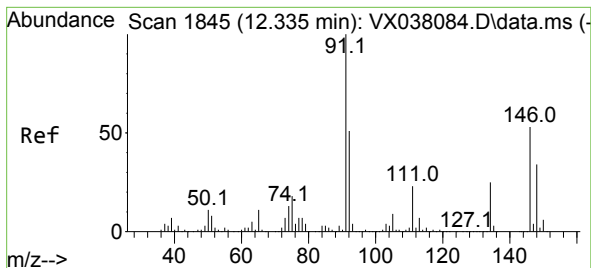
Ion Ratio Lower Upper

146 100

111 40.0 21.3 63.7

148 63.6 31.8 95.4





#89

n-Butylbenzene

Concen: 46.103 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX038290.D

Acq: 13 Oct 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

GW-14-12-15MS

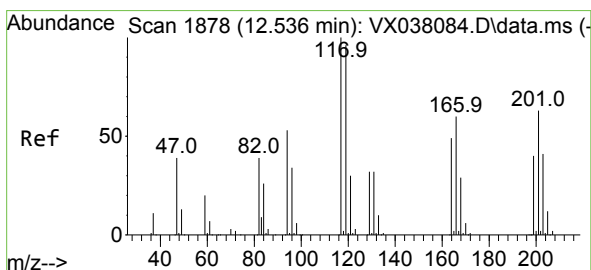
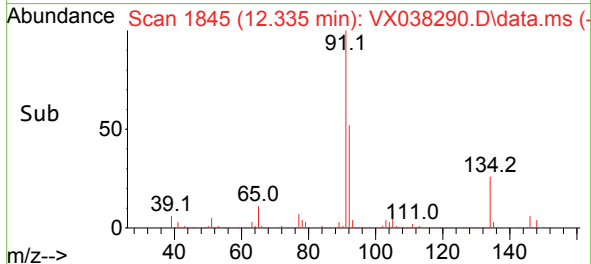
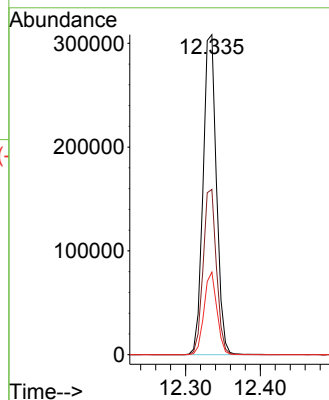
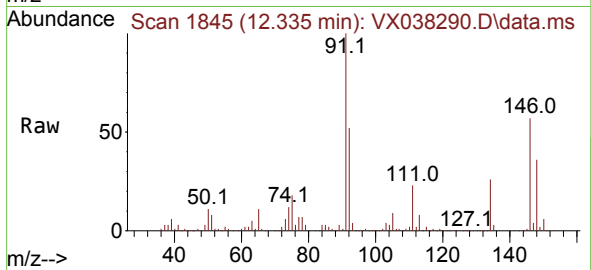
Tgt Ion: 91 Resp: 383070

Ion Ratio Lower Upper

91 100

92 51.5 27.4 82.0

134 24.8 12.6 37.8



#90

Hexachloroethane

Concen: 49.552 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX038290.D

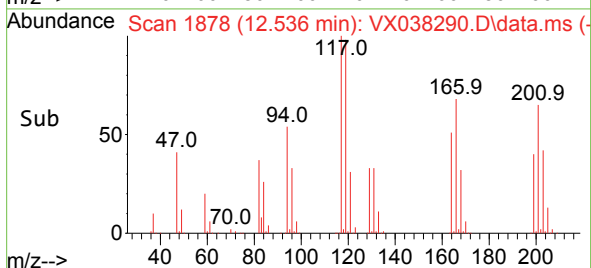
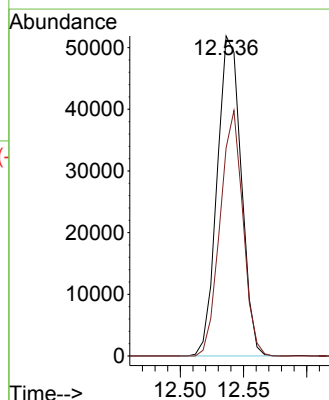
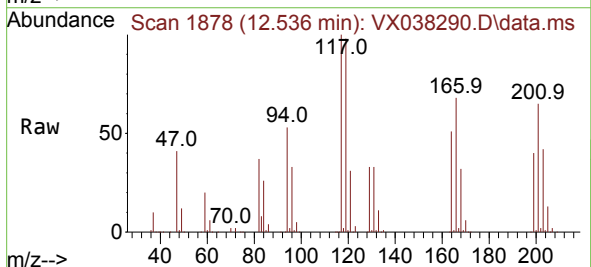
Acq: 13 Oct 2023 17:25

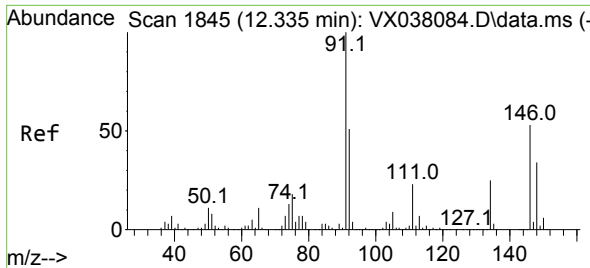
Tgt Ion: 117 Resp: 68546

Ion Ratio Lower Upper

117 100

201 72.7 32.9 98.6

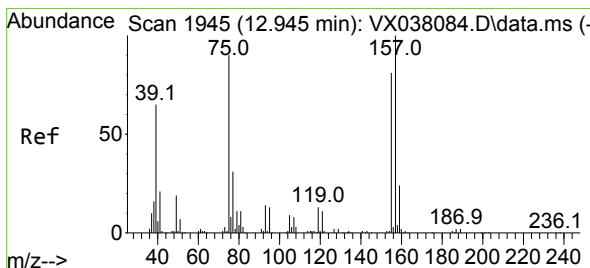
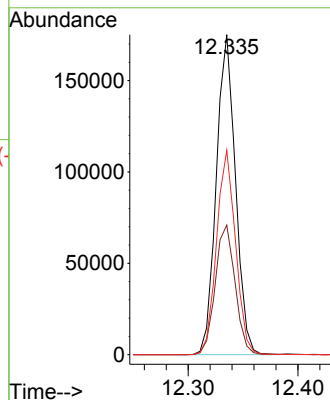
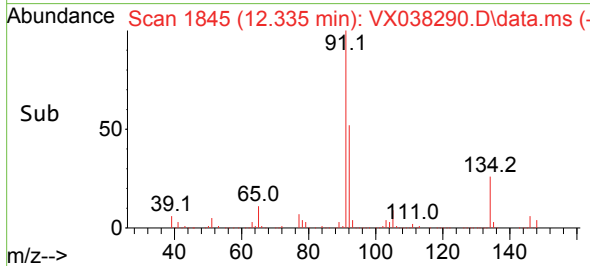
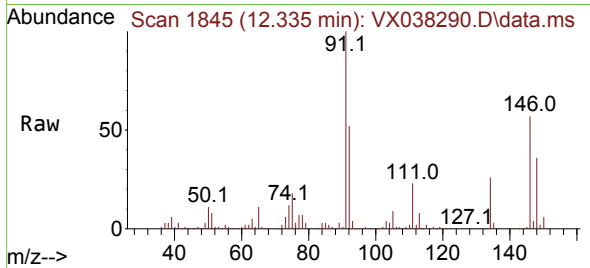




#91
1,2-Dichlorobenzene
Concen: 48.820 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038290.D
Acq: 13 Oct 2023 17:25

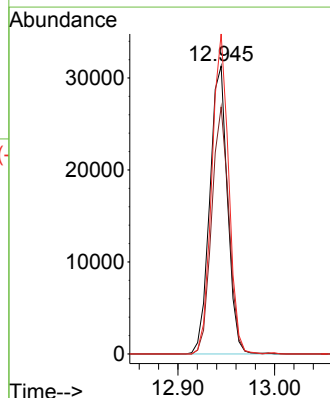
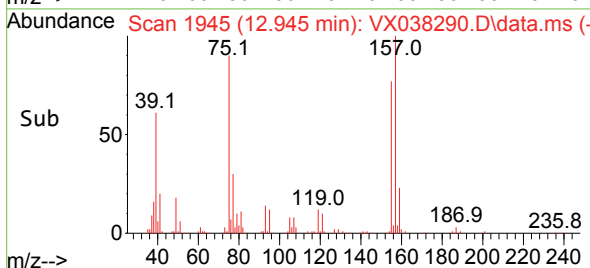
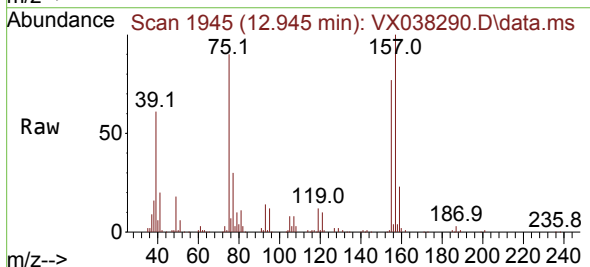
Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15MS

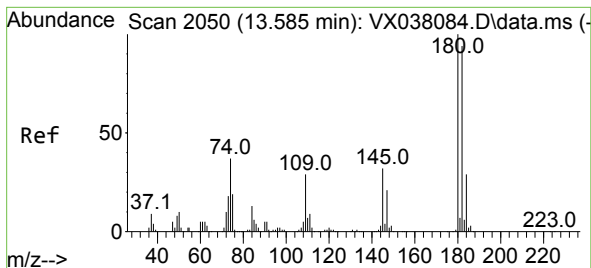
Tgt Ion:146 Resp: 213093
Ion Ratio Lower Upper
146 100
111 42.0 22.4 67.0
148 63.4 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.598 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX038290.D
Acq: 13 Oct 2023 17:25

Tgt Ion: 75 Resp: 39926
Ion Ratio Lower Upper
75 100
155 83.3 36.1 108.5
157 105.6 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 46.491 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX038290.D

Acq: 13 Oct 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

GW-14-12-15MS

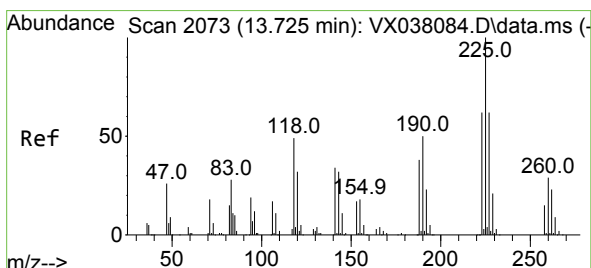
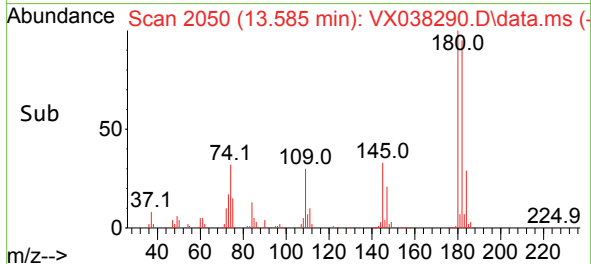
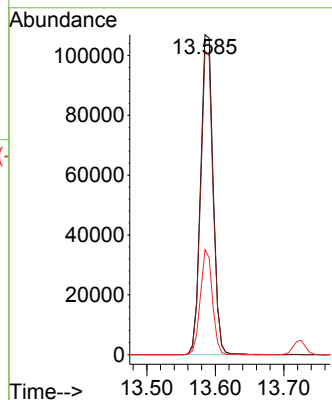
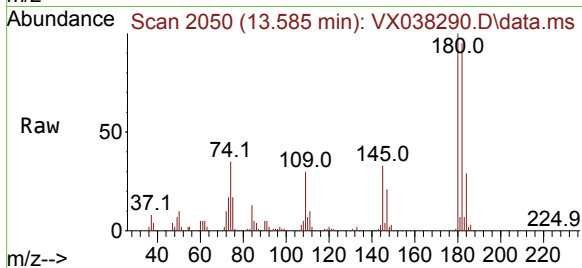
Tgt Ion:180 Resp: 136106

Ion Ratio Lower Upper

180 100

182 94.5 48.3 144.8

145 31.6 18.0 54.0



#94

Hexachlorobutadiene

Concen: 46.404 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX038290.D

Acq: 13 Oct 2023 17:25

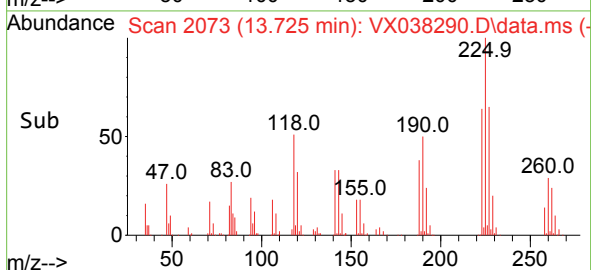
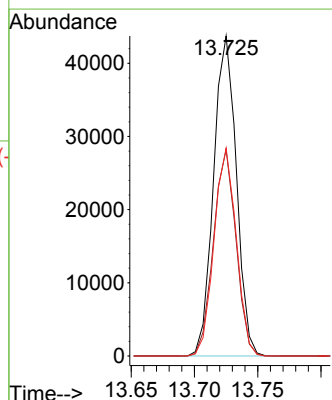
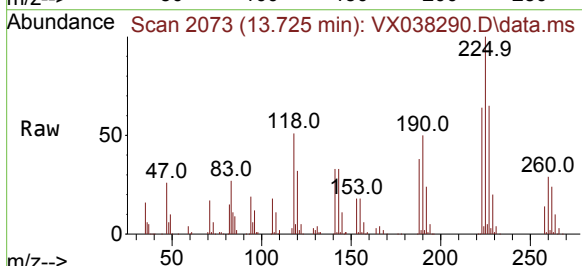
Tgt Ion:225 Resp: 54678

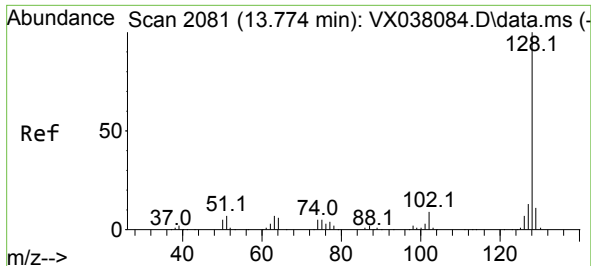
Ion Ratio Lower Upper

225 100

223 63.8 31.1 93.2

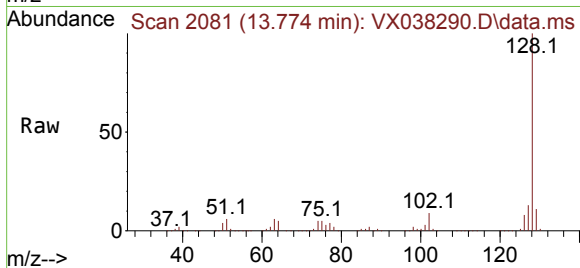
227 63.5 32.5 97.5



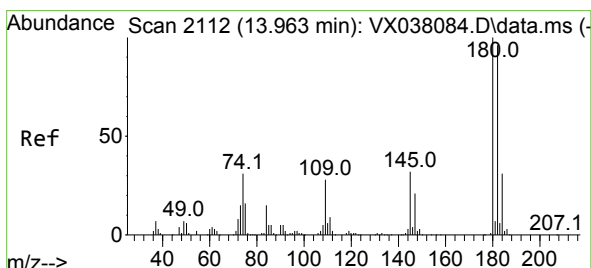
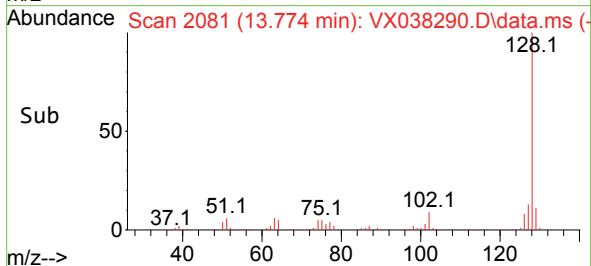
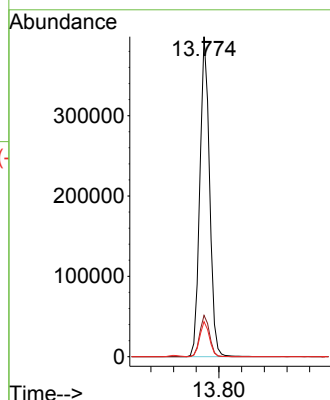


#95
Naphthalene
Concen: 46.349 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX038290.D
Acq: 13 Oct 2023 17:25

Instrument :
MSVOA_X
ClientSampleId :
GW-14-12-15MS



Tgt Ion:128 Resp: 472536
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 46.162 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX038290.D
Acq: 13 Oct 2023 17:25

Tgt Ion:180 Resp: 130854
Ion Ratio Lower Upper
180 100
182 96.7 46.9 140.6
145 34.1 17.8 53.5

