

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101023\
 Data File : VX038212.D
 Acq On : 10 Oct 2023 19:24
 Operator : JC/MD
 Sample : 04782-14MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-5-10-13MSD

Quant Time: Oct 11 01:42:53 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	5.550	168	124306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	215489	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	128318	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	96708	48.369	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.740%
35) Dibromofluoromethane	5.385	113	76663	49.373	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.740%
50) Toluene-d8	8.647	98	292126	49.234	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.460%
62) 4-Bromofluorobenzene	11.079	95	115737	51.452	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.900%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	64760	53.973	ug/l	98
3) Chloromethane	1.300	50	65097	53.230	ug/l	98
4) Vinyl Chloride	1.374	62	72707	53.622	ug/l	99
5) Bromomethane	1.599	94	109257	61.550	ug/l	99
6) Chloroethane	1.678	64	58364	57.967	ug/l	98
7) Trichlorofluoromethane	1.886	101	153114	57.170	ug/l	99
8) Diethyl Ether	2.130	74	55291	55.355	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.331	101	60987	52.162	ug/l	98
10) Methyl Iodide	2.453	142	87797	52.190	ug/l	96
11) Tert butyl alcohol	2.959	59	103111	232.863	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	62129	54.628	ug/l	90
13) Acrolein	2.233	56	95121	334.658	ug/l	98
14) Allyl chloride	2.660	41	101842	50.064	ug/l	93
15) Acrylonitrile	3.062	53	242297	266.296	ug/l	99
16) Acetone	2.380	43	204792	245.424	ug/l	93
17) Carbon Disulfide	2.508	76	156152	47.638	ug/l	100
18) Methyl Acetate	2.703	43	183273	51.217	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	238773	52.715	ug/l	98
20) Methylene Chloride	2.788	84	76084	48.474	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	73373	52.106	ug/l	89
22) Diisopropyl ether	3.757	45	221710	52.003	ug/l #	96
23) Vinyl Acetate	3.721	43	784972	251.064	ug/l	95
24) 1,1-Dichloroethane	3.611	63	134992	52.173	ug/l	98
25) 2-Butanone	4.550	43	343171	254.890	ug/l	93
26) 2,2-Dichloropropane	4.477	77	90101	44.602	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	88933	53.029	ug/l	89
28) Bromochloromethane	4.897	49	63701	54.537	ug/l	88
29) Tetrahydrofuran	5.001	42	222974	254.375	ug/l	88
30) Chloroform	5.092	83	158114	55.883	ug/l	96
31) Cyclohexane	5.470	56	106976	49.384	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	129916	53.608	ug/l	100
36) 1,1-Dichloropropene	5.690	75	104813	48.951	ug/l	97
37) Ethyl Acetate	4.715	43	123802	48.684	ug/l	97
38) Carbon Tetrachloride	5.678	117	109587	52.026	ug/l	98
39) Methylcyclohexane	7.385	83	119686	47.721	ug/l	93
40) Benzene	6.037	78	314277	52.477	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	67204	53.124	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	123801	51.740	ug/l	99
43) Isopropyl Acetate	6.342	43	192180	50.624	ug/l	97
44) Trichloroethene	7.123	130	82172	52.460	ug/l	98
45) 1,2-Dichloropropane	7.427	63	80527	51.953	ug/l	98
46) Dibromomethane	7.580	93	63411	52.747	ug/l	99
47) Bromodichloromethane	7.824	83	117579	54.979	ug/l	99
48) Methyl methacrylate	7.690	41	95276	52.573	ug/l #	85
49) 1,4-Dioxane	7.659	88	44649	999.801	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	703099	268.515	ug/l	97
52) Toluene	8.720	92	209105	53.601	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	123886	53.967	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	123899	51.371	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	90226	54.072	ug/l	94
56) Ethyl methacrylate	9.116	69	137497	53.744	ug/l	92
57) 1,3-Dichloropropane	9.305	76	142477	52.793	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.165	63	533	0.424	ug/l #	47
59) 2-Hexanone	9.433	43	572586	272.005	ug/l	95
60) Dibromochloromethane	9.519	129	95580	58.527	ug/l	99
61) 1,2-Dibromoethane	9.610	107	99796	55.305	ug/l	99
64) Tetrachloroethene	9.275	164	69114	48.808	ug/l	97
65) Chlorobenzene	10.079	112	230746	50.413	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	84762	54.764	ug/l	98
67) Ethyl Benzene	10.195	91	421617	51.604	ug/l	100
68) m/p-Xylenes	10.299	106	321544	101.783	ug/l	99
69) o-Xylene	10.640	106	157057	50.938	ug/l	100
70) Styrene	10.652	104	265010	52.778	ug/l	97
71) Bromoform	10.799	173	71303	49.679	ug/l #	99
73) Isopropylbenzene	10.963	105	418192	48.596	ug/l	99
74) N-amyl acetate	10.841	43	178852	48.670	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	163765	51.862	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	174890	59.952	ug/l	90
77) Bromobenzene	11.201	156	102628	48.849	ug/l	93
78) n-propylbenzene	11.305	91	509231	48.396	ug/l	99
79) 2-Chlorotoluene	11.366	91	296576	47.527	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	364749	49.130	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	44022	44.543	ug/l	92
82) 4-Chlorotoluene	11.451	91	354216	47.969	ug/l	96
83) tert-Butylbenzene	11.713	119	371451	51.204	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	370718	50.081	ug/l	99
85) sec-Butylbenzene	11.890	105	461893	49.152	ug/l	100
86) p-Isopropyltoluene	12.012	119	387615	49.994	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	205797	48.769	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	210111	48.771	ug/l	98
89) n-Butylbenzene	12.335	91	365978	47.397	ug/l	96
90) Hexachloroethane	12.536	117	66747	51.923	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	200984	49.550	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	38927	50.987	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	127689	46.935	ug/l	96
94) Hexachlorobutadiene	13.725	225	51089	46.657	ug/l	98
95) Naphthalene	13.774	128	446426	47.120	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	123526	46.893	ug/l	98

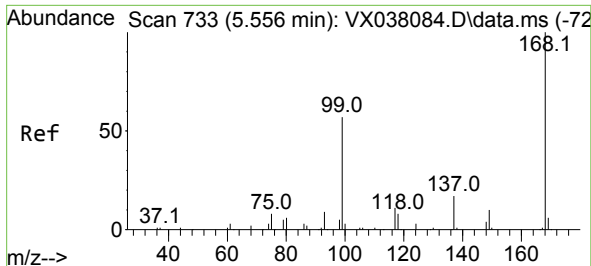
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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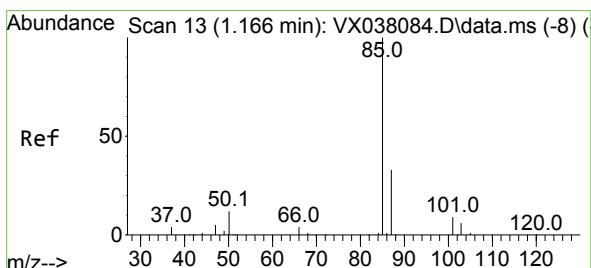
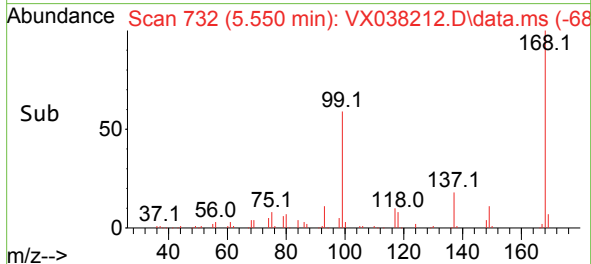
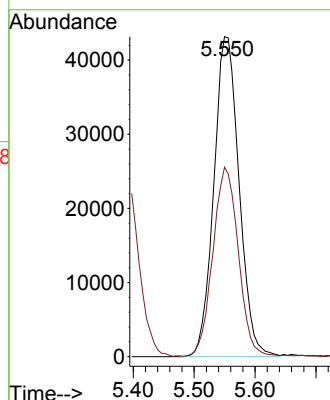
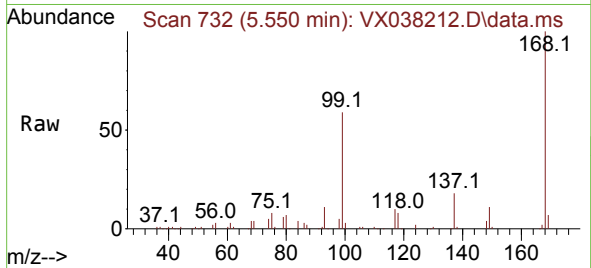
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038212.D
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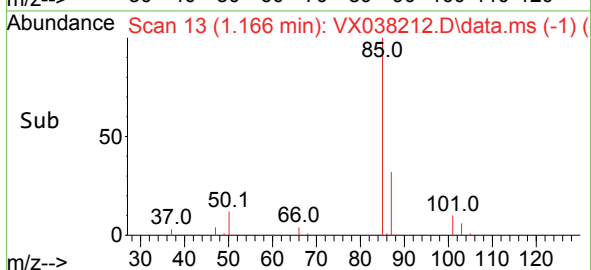
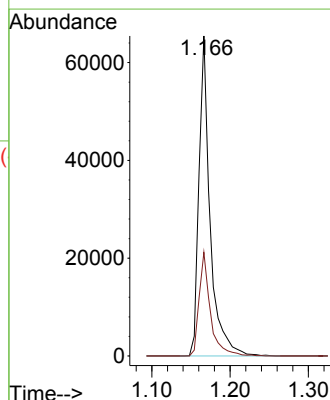
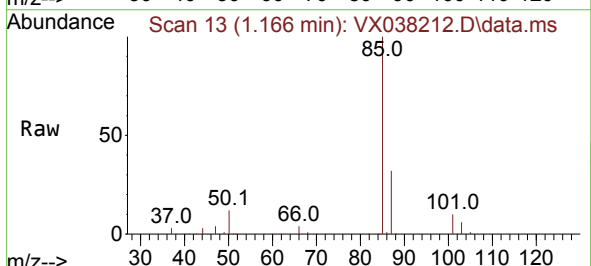
Instrument :
MSVOA_X
ClientSampleId :
GW-5-10-13MSD

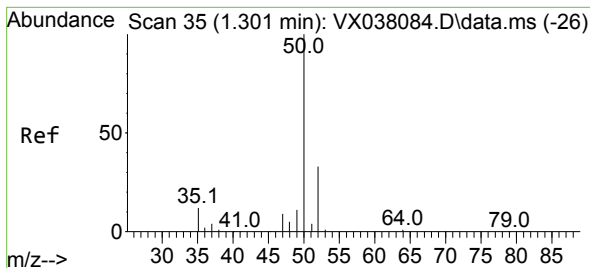
Tgt Ion:168 Resp: 124306
Ion Ratio Lower Upper
168 100
99 59.0 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 53.973 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038212.D
Acq: 10 Oct 2023 19:24

Tgt Ion: 85 Resp: 64760
Ion Ratio Lower Upper
85 100
87 32.4 16.7 50.1





#3

Chloromethane

Concen: 53.230 ug/l

RT: 1.300 min Scan# 31

Delta R.T. -0.001 min

Lab File: VX038212.D

Acq: 10 Oct 2023 19:24

Instrument :

MSVOA_X

ClientSampleId :

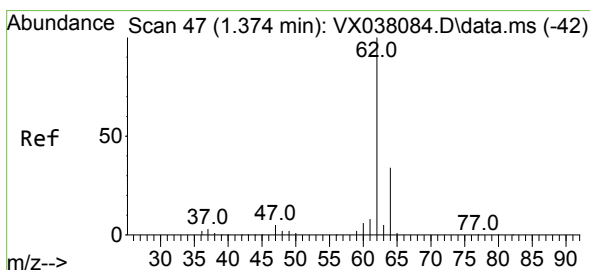
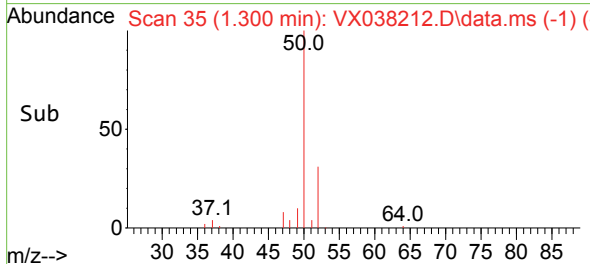
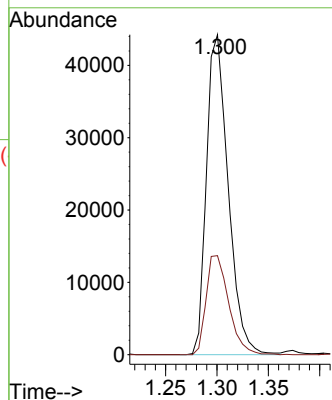
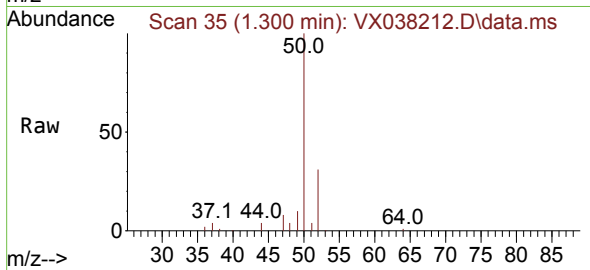
GW-5-10-13MSD

Tgt Ion: 50 Resp: 65097

Ion Ratio Lower Upper

50 100

52 30.9 25.5 38.3



#4

Vinyl Chloride

Concen: 53.622 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX038212.D

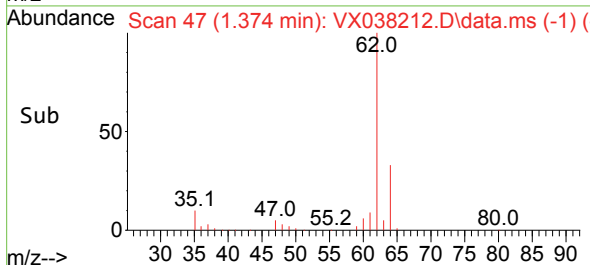
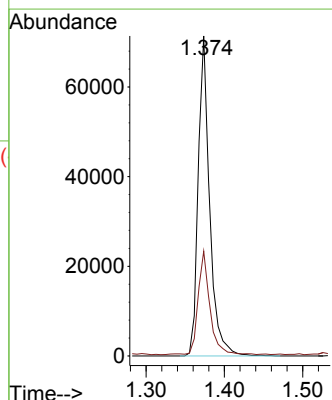
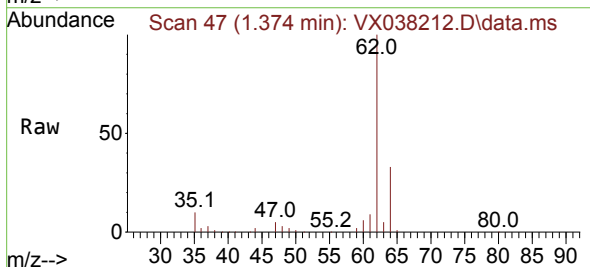
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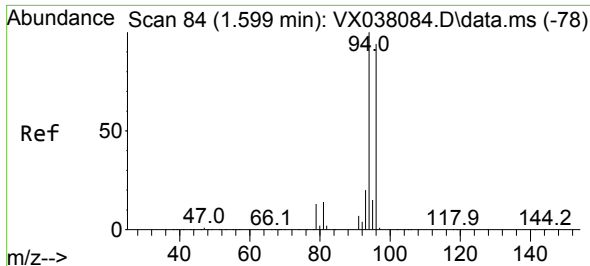
Tgt Ion: 62 Resp: 72707

Ion Ratio Lower Upper

62 100

64 32.2 25.4 38.0

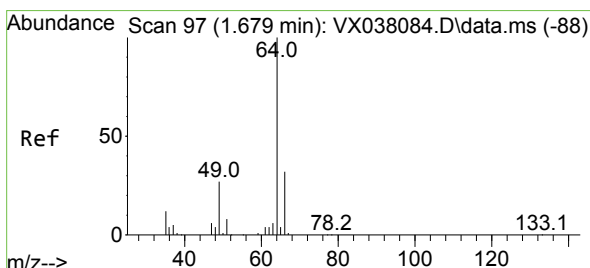
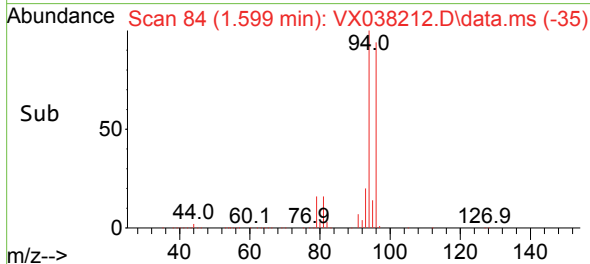
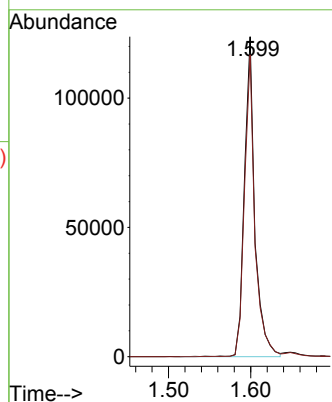
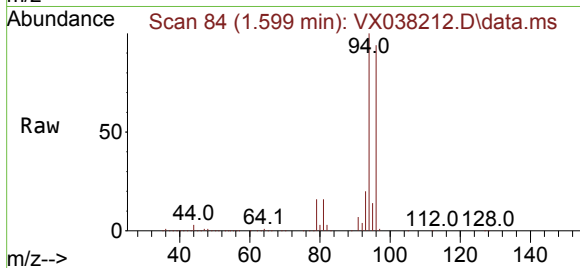




#5
Bromomethane
Concen: 61.550 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038212.D
Acq: 10 Oct 2023 19:24

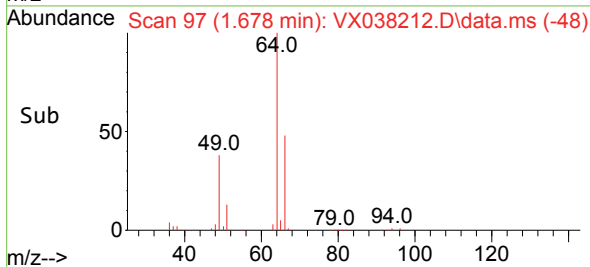
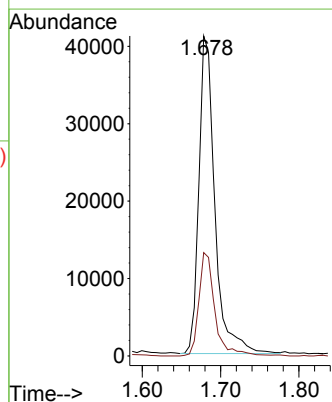
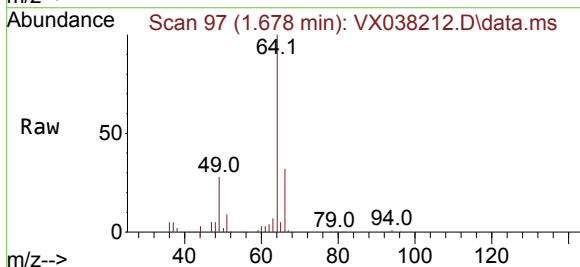
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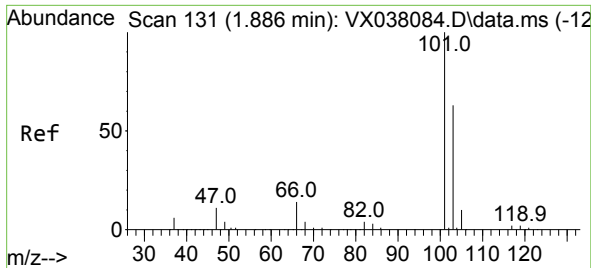
Tgt Ion: 94 Resp: 109257
Ion Ratio Lower Upper
94 100
96 94.3 74.6 111.8



#6
Chloroethane
Concen: 57.967 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.001 min
Lab File: VX038212.D
Acq: 10 Oct 2023 19:24

Tgt Ion: 64 Resp: 58364
Ion Ratio Lower Upper
64 100
66 32.6 25.1 37.7

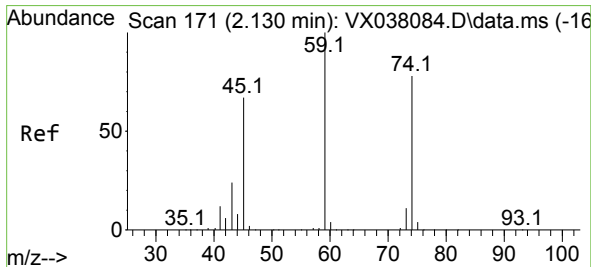
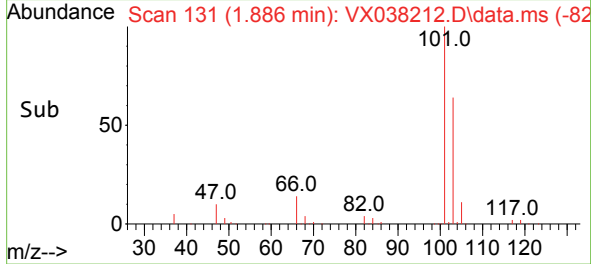
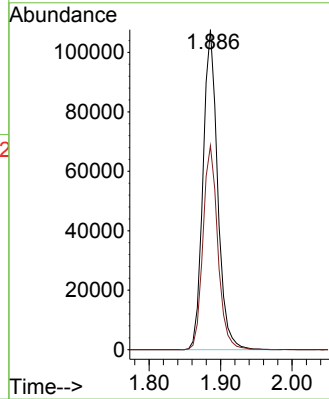
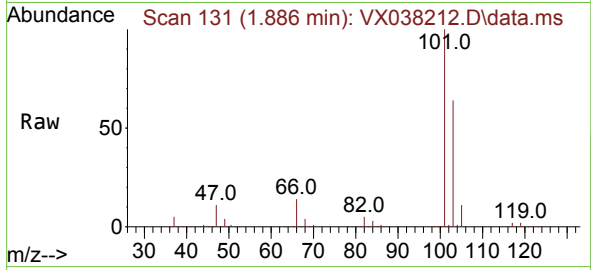




#7
 Trichlorofluoromethane
 Concen: 57.170 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX038212.D
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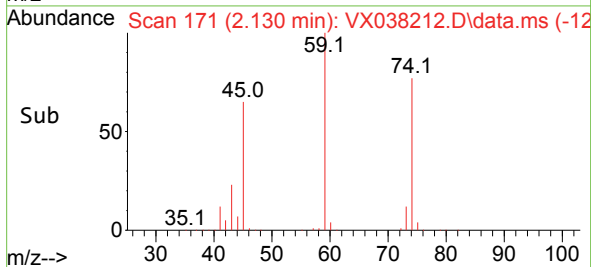
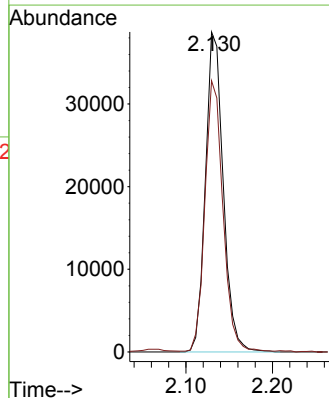
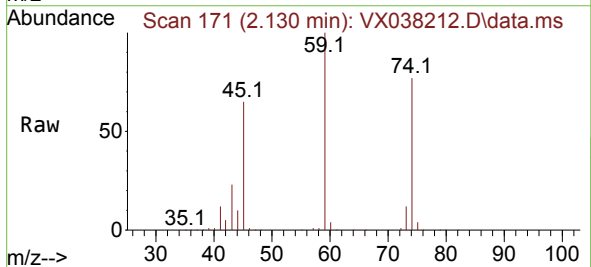
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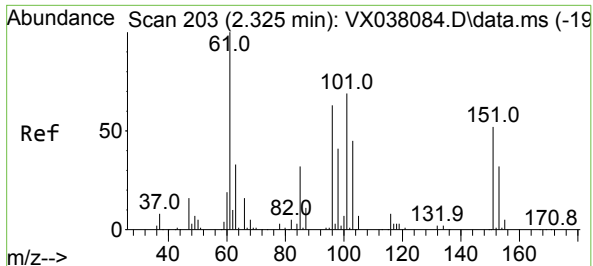
Tgt Ion:101 Resp: 153114
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.4 77.2



#8
 Diethyl Ether
 Concen: 55.355 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX038212.D
 Acq: 10 Oct 2023 19:24

Tgt Ion: 74 Resp: 55291
 Ion Ratio Lower Upper
 74 100
 45 85.3 53.3 159.8

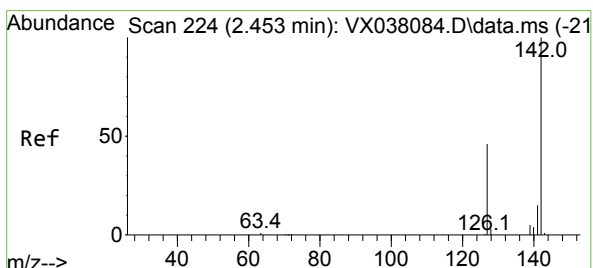
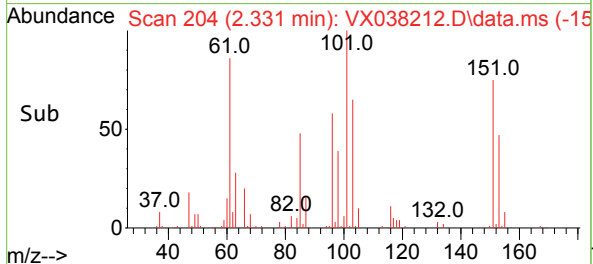
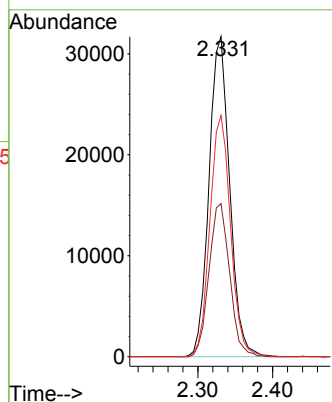
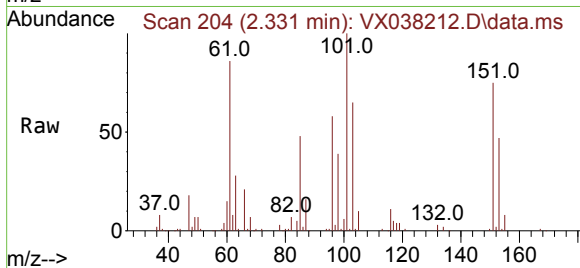




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.162 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX038212.D
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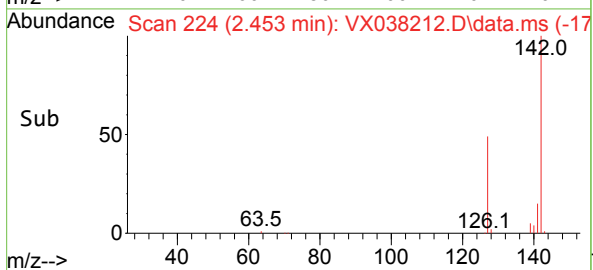
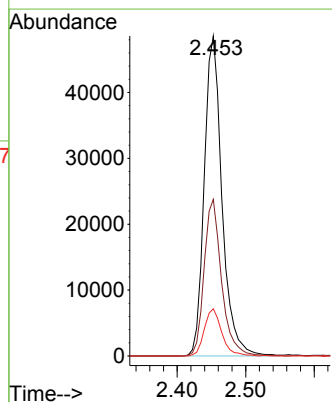
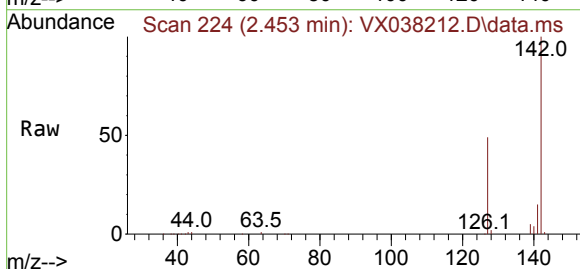
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ClientSampleId :
GW-5-10-13MSD

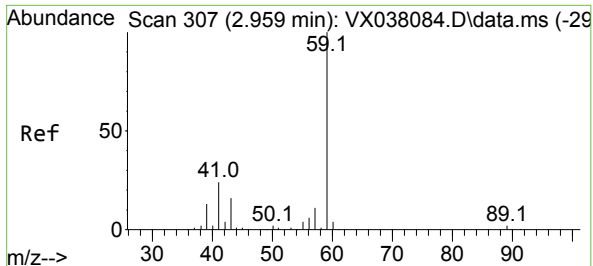
Tgt Ion:101 Resp: 60987
Ion Ratio Lower Upper
101 100
85 47.7 37.0 55.6
151 75.3 58.6 87.8



#10
Methyl Iodide
Concen: 52.190 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX038212.D
Acq: 10 Oct 2023 19:24

Tgt Ion:142 Resp: 87797
Ion Ratio Lower Upper
142 100
127 48.1 41.6 62.4
141 14.5 11.6 17.4

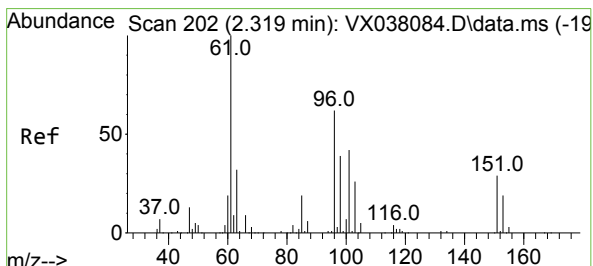
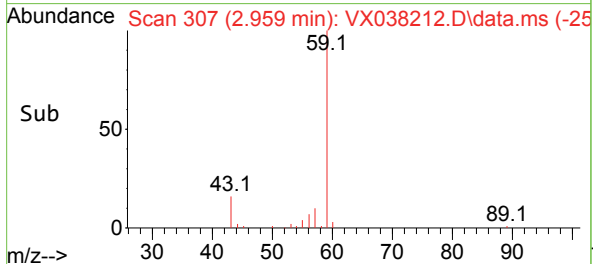
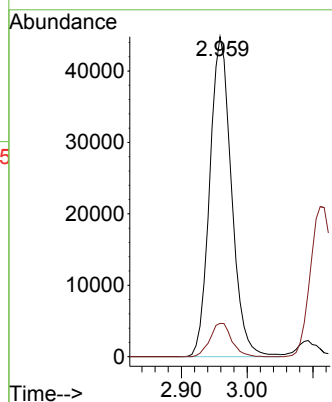
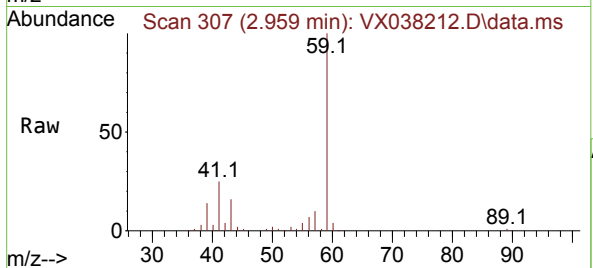




#11
Tert butyl alcohol
Concen: 232.863 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.000 min
Lab File: VX038212.D
Acq: 10 Oct 2023 19:24

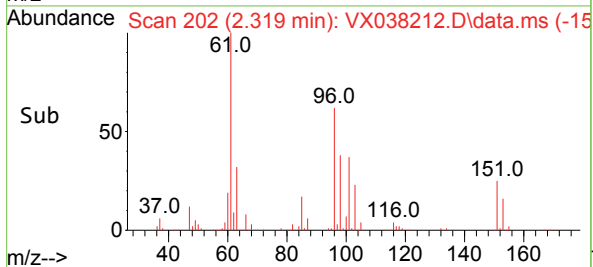
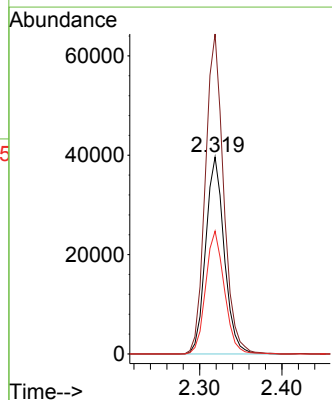
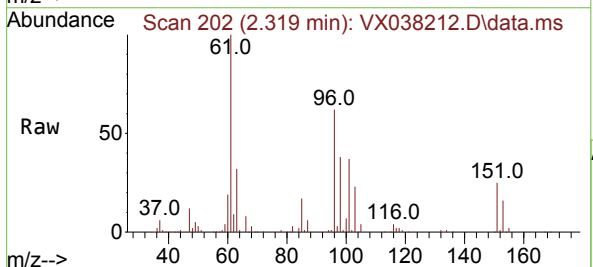
Instrument :
MSVOA_X
ClientSampleId :
GW-5-10-13MSD

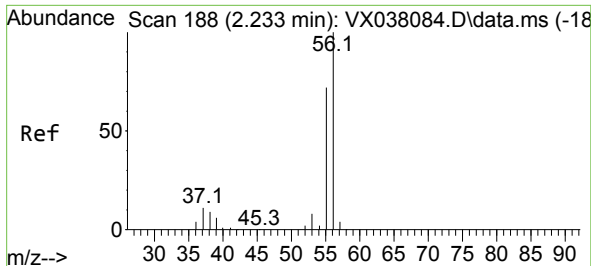
Tgt Ion: 59 Resp: 103111
Ion Ratio Lower Upper
59 100
57 10.4 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 54.628 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX038212.D
Acq: 10 Oct 2023 19:24

Tgt Ion: 96 Resp: 62129
Ion Ratio Lower Upper
96 100
61 162.5 144.6 216.8
98 62.4 50.4 75.6

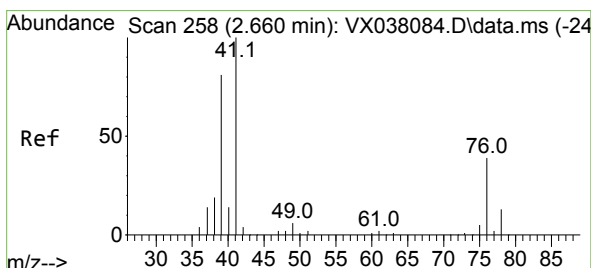
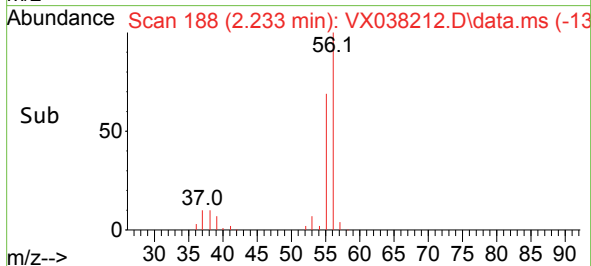
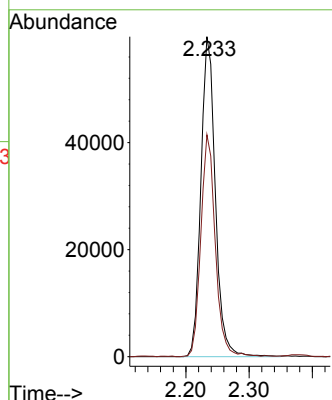
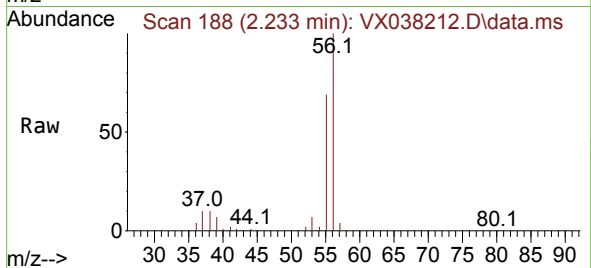




#13
Acrolein
Concen: 334.658 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038212.D
Acq: 10 Oct 2023 19:24

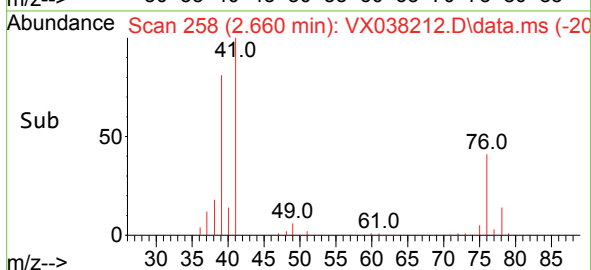
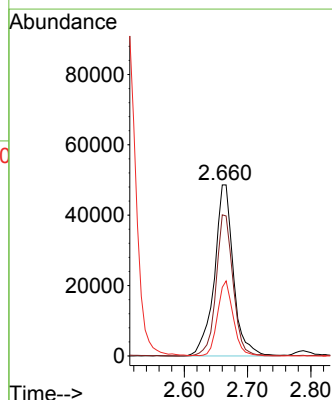
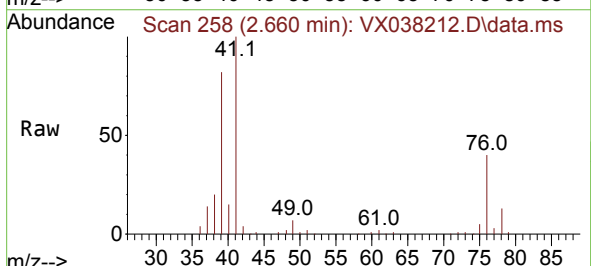
Instrument :
MSVOA_X
ClientSampleId :
GW-5-10-13MSD

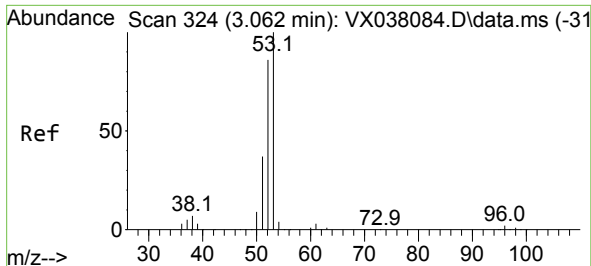
Tgt Ion: 56 Resp: 95121
Ion Ratio Lower Upper
56 100
55 69.6 57.1 85.7



#14
Allyl chloride
Concen: 50.064 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX038212.D
Acq: 10 Oct 2023 19:24

Tgt Ion: 41 Resp: 101842
Ion Ratio Lower Upper
41 100
39 73.8 55.8 83.6
76 36.0 24.3 36.5

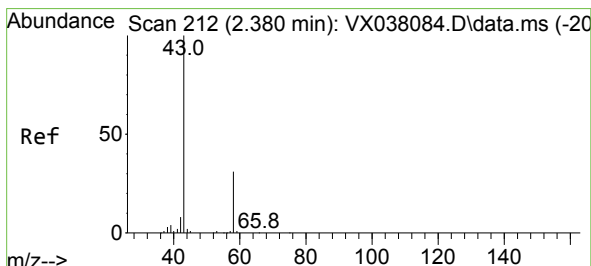
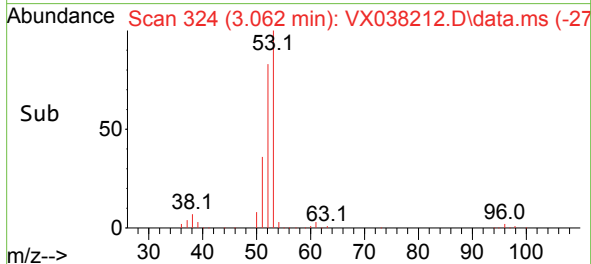
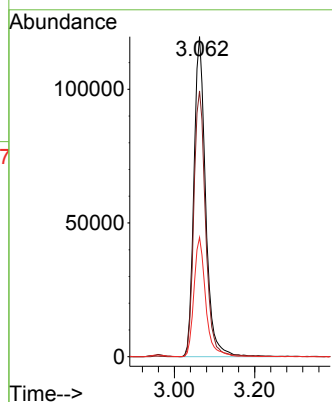
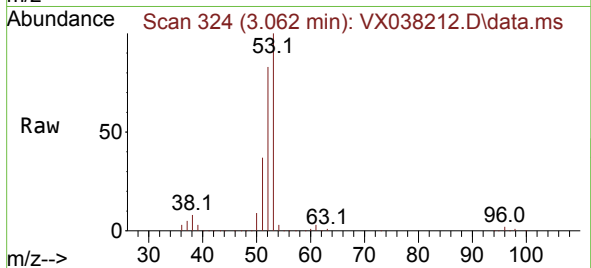




#15
Acrylonitrile
Concen: 266.296 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038212.D
Acq: 10 Oct 2023 19:24

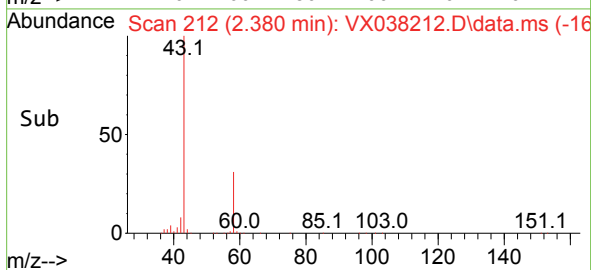
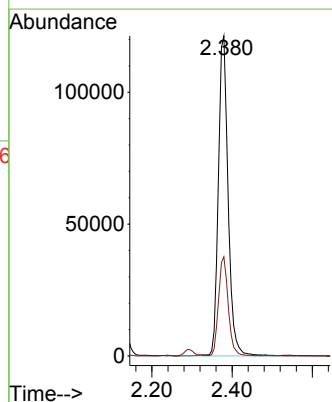
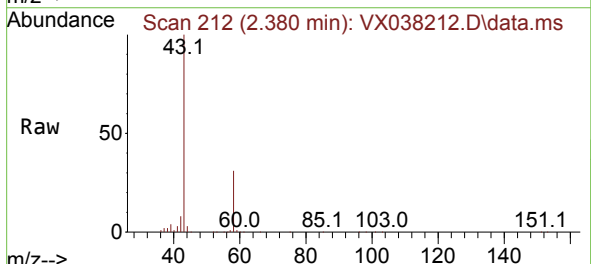
Instrument :
MSVOA_X
ClientSampleId :
GW-5-10-13MSD

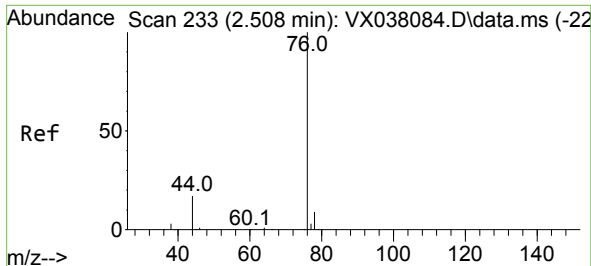
Tgt Ion: 53 Resp: 242297
Ion Ratio Lower Upper
53 100
52 83.4 66.0 99.0
51 37.2 29.8 44.6



#16
Acetone
Concen: 245.424 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038212.D
Acq: 10 Oct 2023 19:24

Tgt Ion: 43 Resp: 204792
Ion Ratio Lower Upper
43 100
58 30.9 21.9 32.9

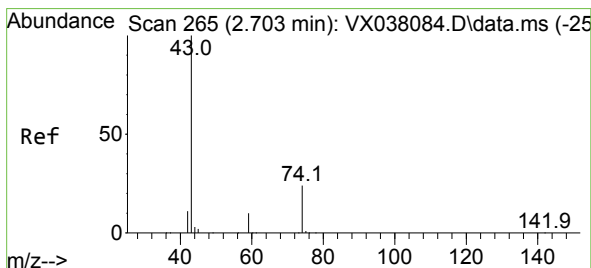
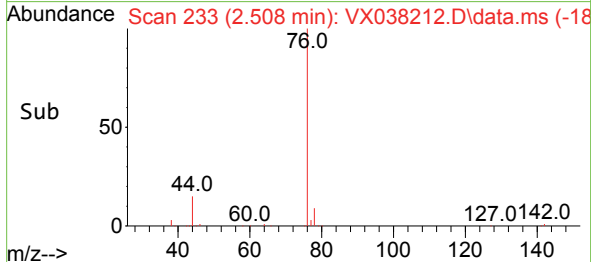
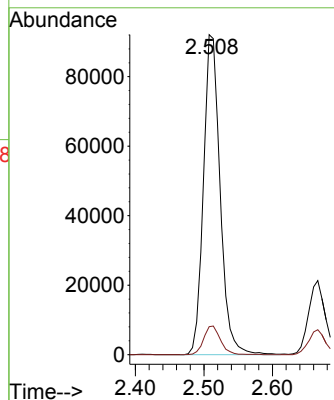
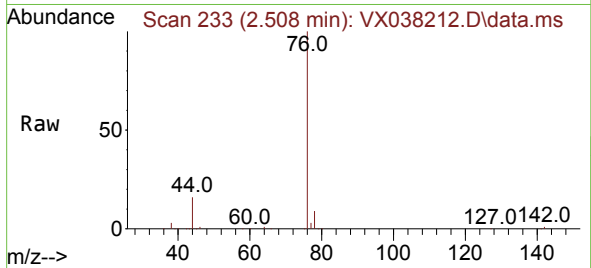




#17
Carbon Disulfide
Concen: 47.638 ug/l
RT: 2.508 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX038212.D
Acq: 10 Oct 2023 19:24

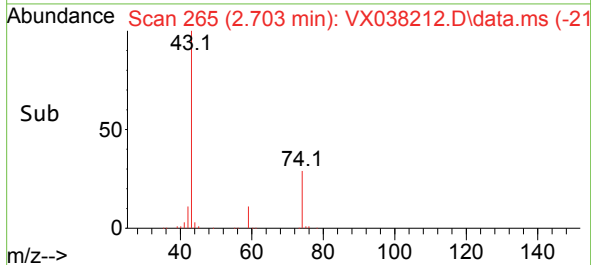
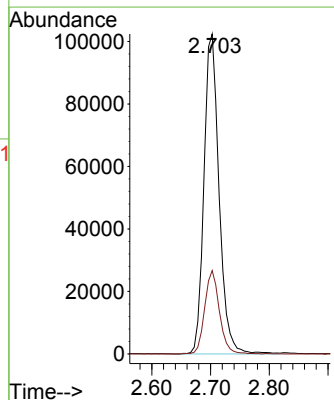
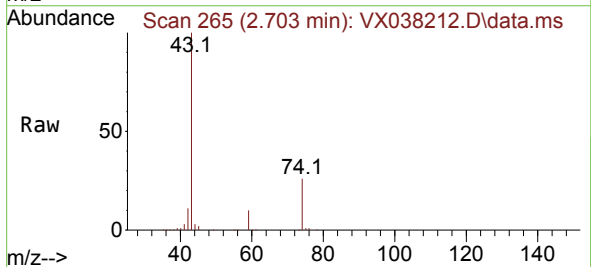
Instrument :
MSVOA_X
ClientSampleId :
GW-5-10-13MSD

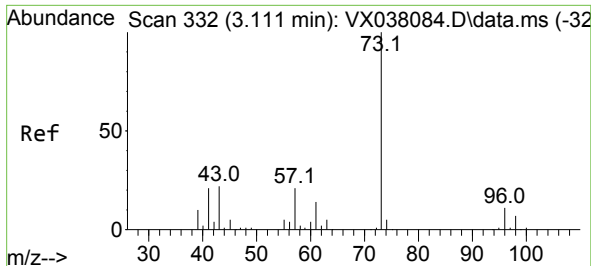
Tgt Ion: 76 Resp: 156152
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6



#18
Methyl Acetate
Concen: 51.217 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX038212.D
Acq: 10 Oct 2023 19:24

Tgt Ion: 43 Resp: 183273
Ion Ratio Lower Upper
43 100
74 25.4 17.8 26.8

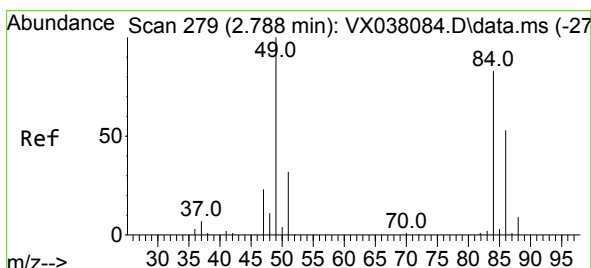
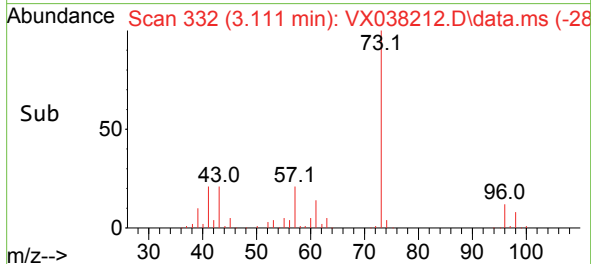
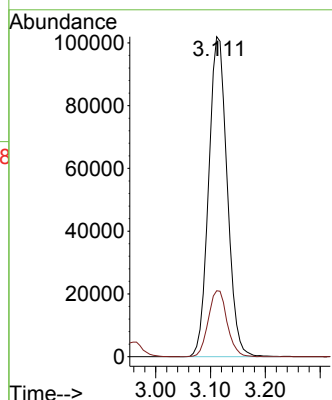
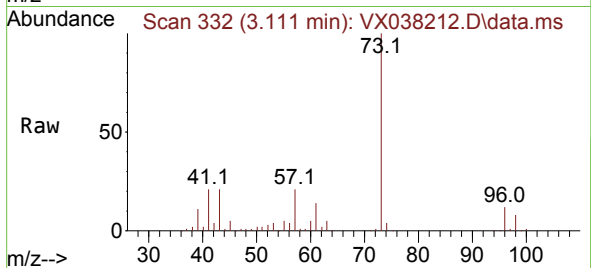




#19
Methyl tert-butyl Ether
Concen: 52.715 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038212.D
Acq: 10 Oct 2023 19:24

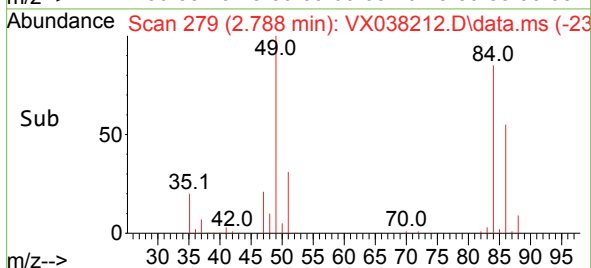
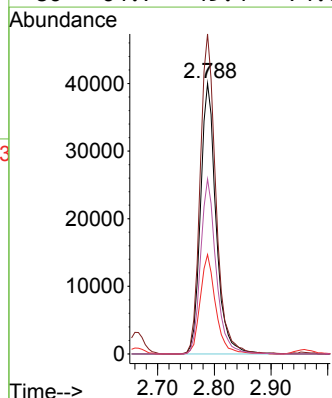
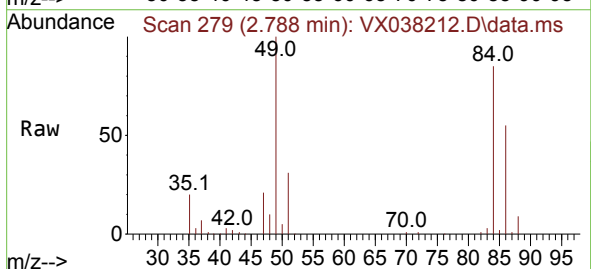
Instrument :
MSVOA_X
ClientSampleId :
GW-5-10-13MSD

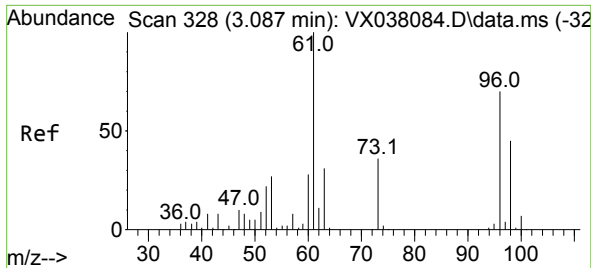
Tgt Ion: 73 Resp: 238773
Ion Ratio Lower Upper
73 100
57 20.6 17.3 25.9



#20
Methylene Chloride
Concen: 48.474 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038212.D
Acq: 10 Oct 2023 19:24

Tgt Ion: 84 Resp: 76084
Ion Ratio Lower Upper
84 100
49 118.3 103.6 155.4
51 36.7 33.8 50.6
86 64.7 49.4 74.0

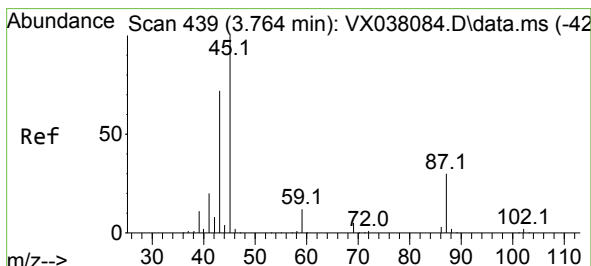
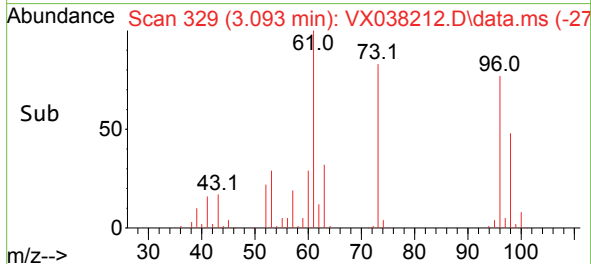
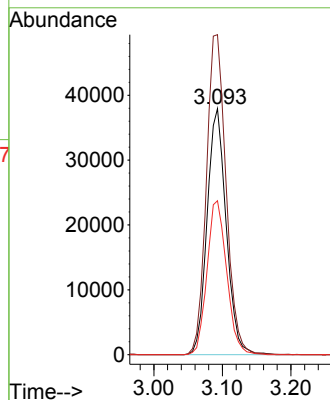
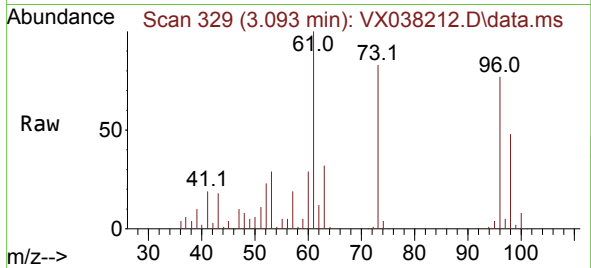




#21
trans-1,2-Dichloroethene
Concen: 52.106 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX038212.D
Acq: 10 Oct 2023 19:24

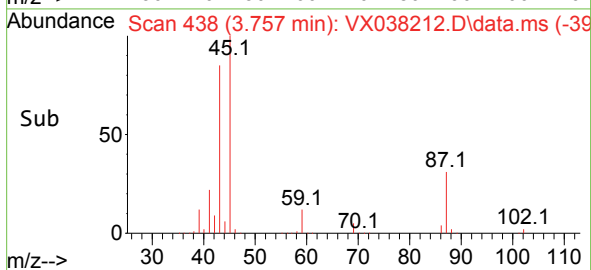
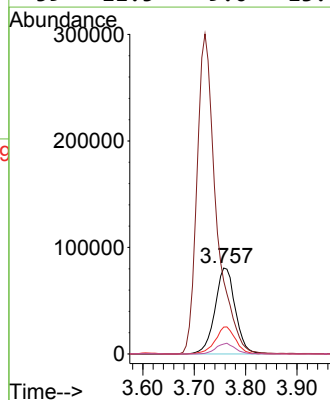
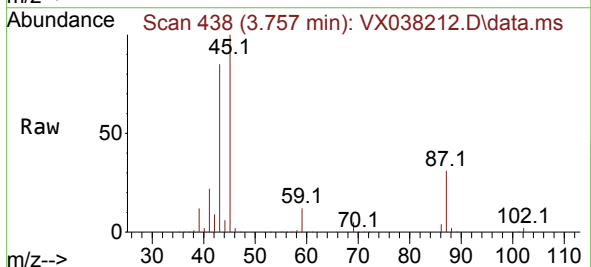
Instrument :
MSVOA_X
ClientSampleId :
GW-5-10-13MSD

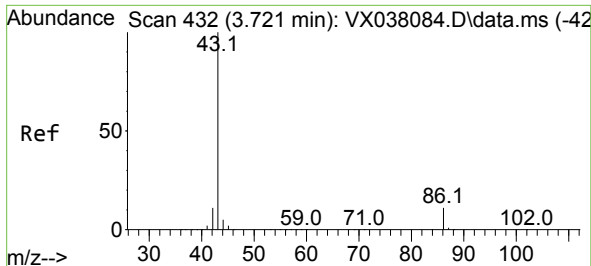
Tgt Ion: 96 Resp: 73373
Ion Ratio Lower Upper
96 100
61 130.0 119.2 178.8
98 62.6 48.7 73.1



#22
Diisopropyl ether
Concen: 52.003 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.007 min
Lab File: VX038212.D
Acq: 10 Oct 2023 19:24

Tgt Ion: 45 Resp: 221710
Ion Ratio Lower Upper
45 100
43 84.6 69.7 104.5
87 31.3 20.8 31.2#
59 11.5 9.0 13.4

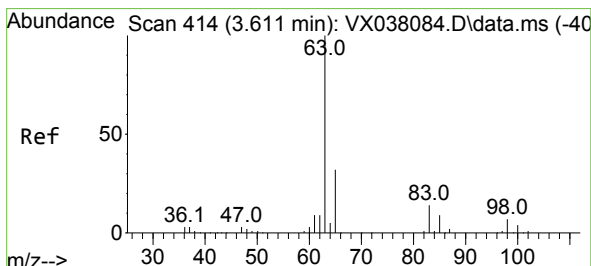
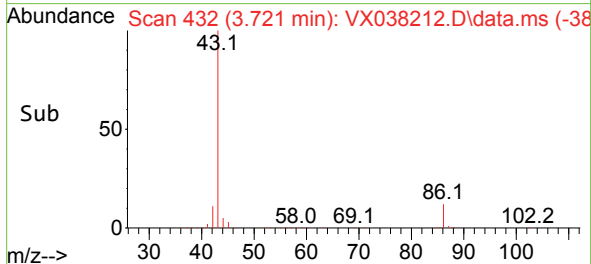
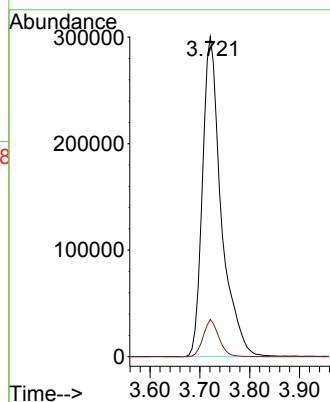
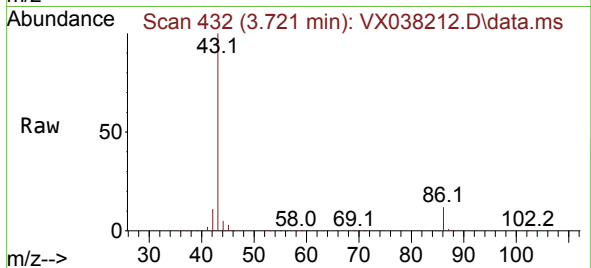




#23
 Vinyl Acetate
 Concen: 251.064 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX038212.D
 Acq: 10 Oct 2023 19:24

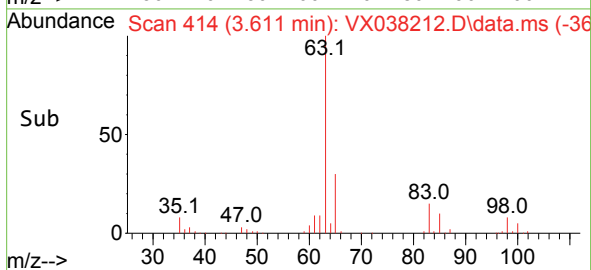
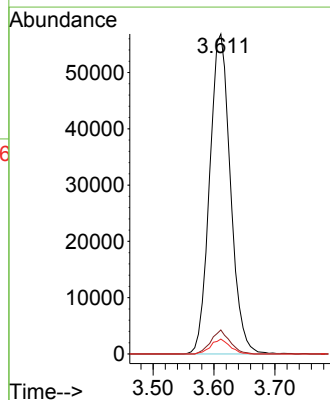
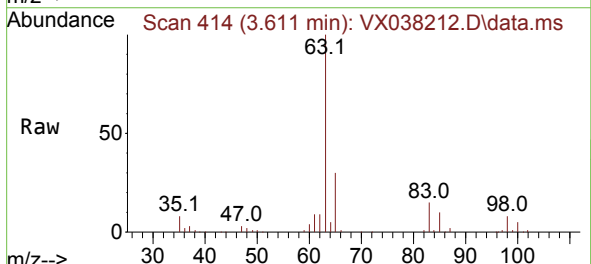
Instrument :
 MSVOA_X
 ClientSampleId :
 GW-5-10-13MSD

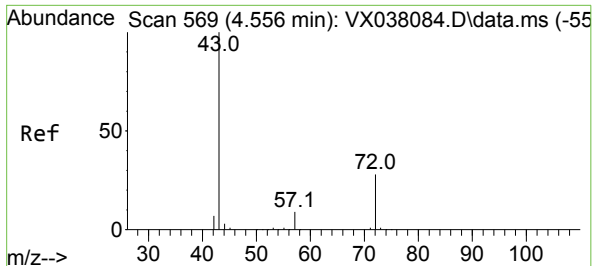
Tgt Ion: 43 Resp: 784972
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 52.173 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX038212.D
 Acq: 10 Oct 2023 19:24

Tgt Ion: 63 Resp: 134992
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.3 9.8
 100 4.7 2.1 6.5

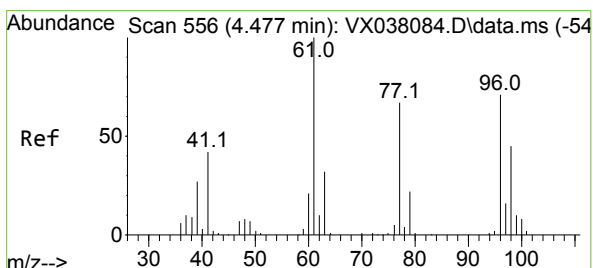
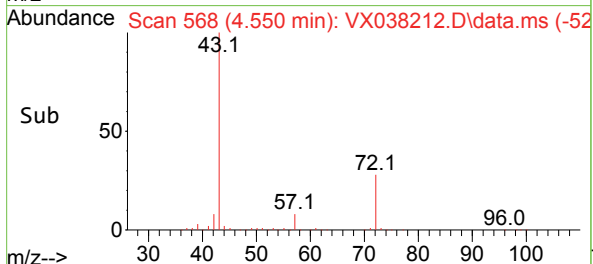
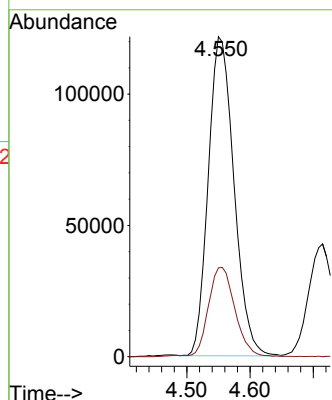
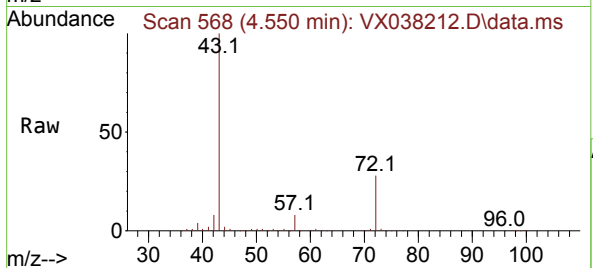




#25
2-Butanone
Concen: 254.890 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX038212.D
Acq: 10 Oct 2023 19:24

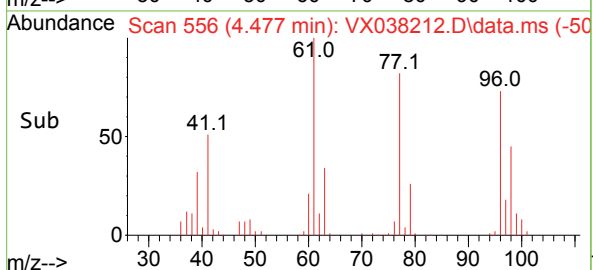
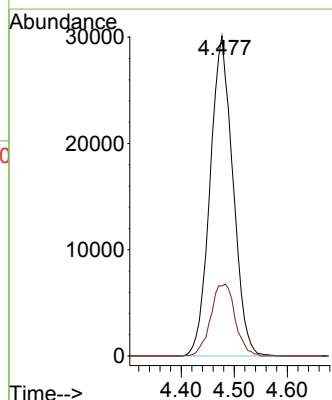
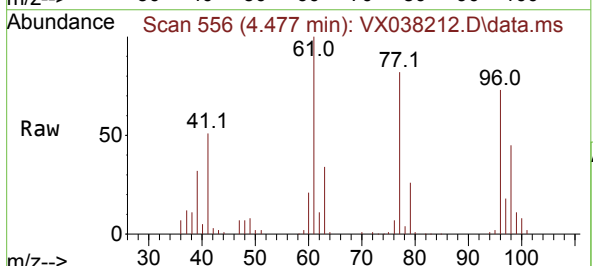
Instrument :
MSVOA_X
ClientSampleId :
GW-5-10-13MSD

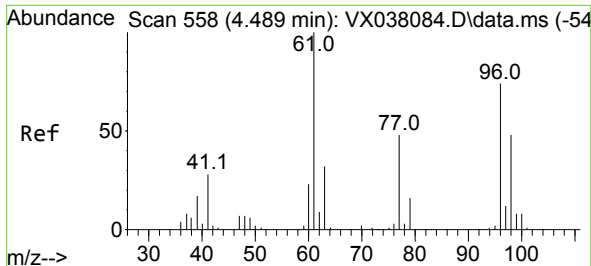
Tgt Ion: 43 Resp: 343171
Ion Ratio Lower Upper
43 100
72 27.7 19.4 29.2



#26
2,2-Dichloropropane
Concen: 44.602 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX038212.D
Acq: 10 Oct 2023 19:24

Tgt Ion: 77 Resp: 90101
Ion Ratio Lower Upper
77 100
97 24.0 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 53.029 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX038212.D

Acq: 10 Oct 2023 19:24

Instrument :

MSVOA_X

ClientSampleId :

GW-5-10-13MSD

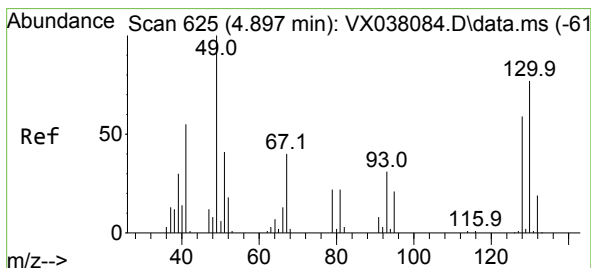
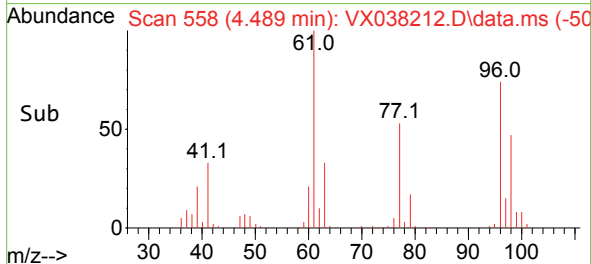
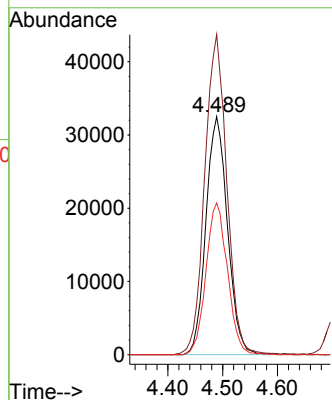
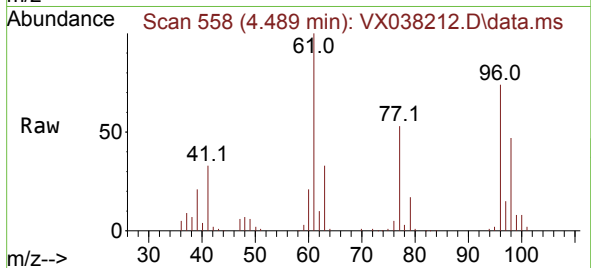
Tgt Ion: 96 Resp: 88933

Ion Ratio Lower Upper

96 100

61 137.0 0.0 312.2

98 63.5 0.0 129.0



#28

Bromochloromethane

Concen: 54.537 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX038212.D

Acq: 10 Oct 2023 19:24

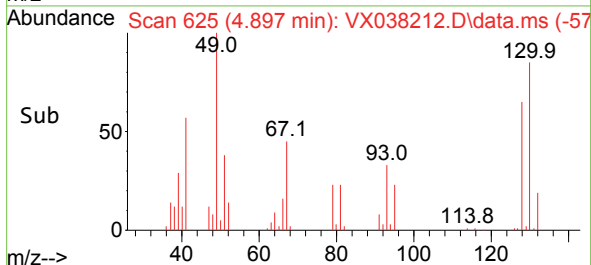
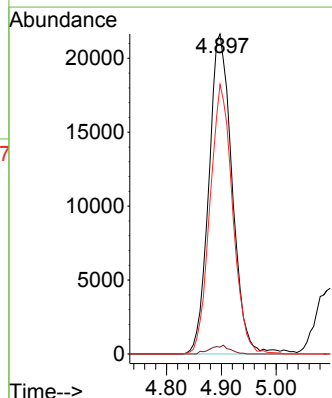
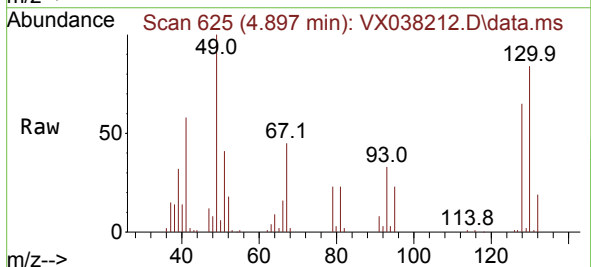
Tgt Ion: 49 Resp: 63701

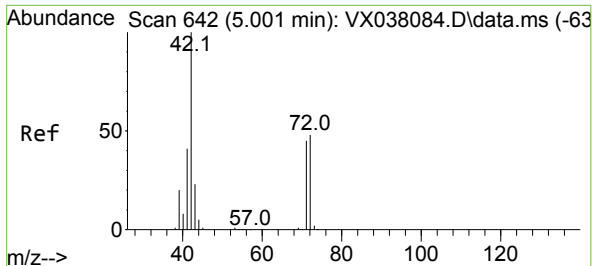
Ion Ratio Lower Upper

49 100

129 2.3 0.0 3.8

130 82.1 57.5 86.3

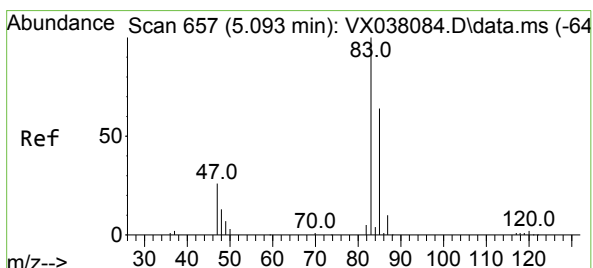
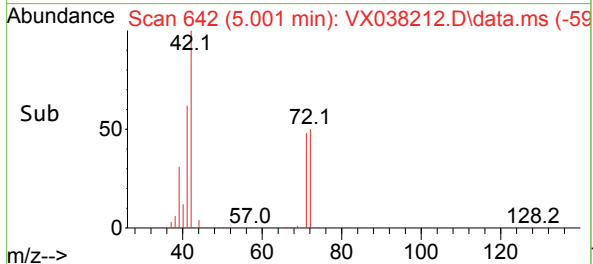
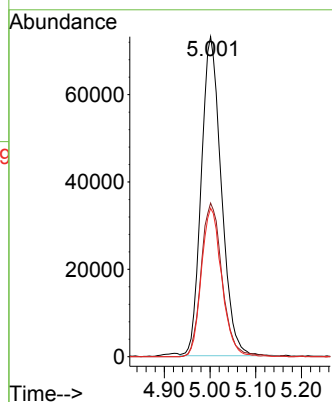
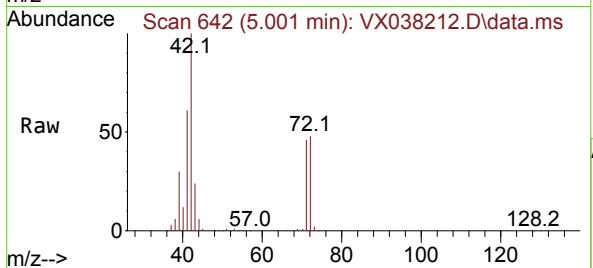




#29
Tetrahydrofuran
Concen: 254.375 ug/l
RT: 5.001 min Scan# 642
Delta R.T. 0.000 min
Lab File: VX038212.D
Acq: 10 Oct 2023 19:24

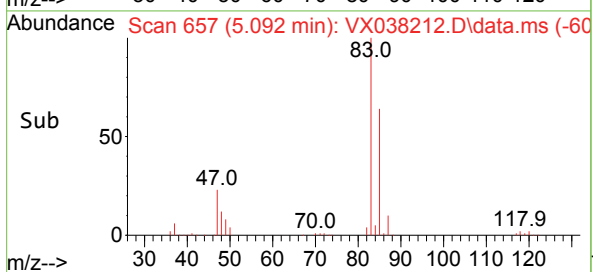
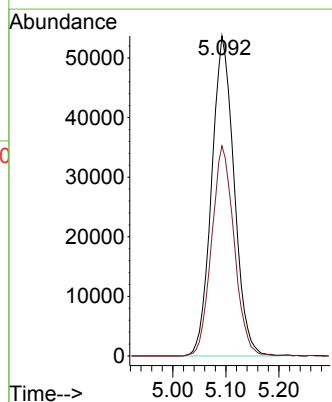
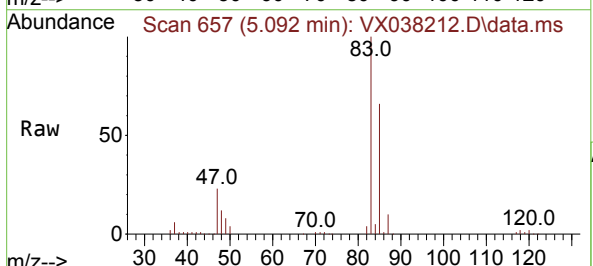
Instrument :
MSVOA_X
ClientSampleId :
GW-5-10-13MSD

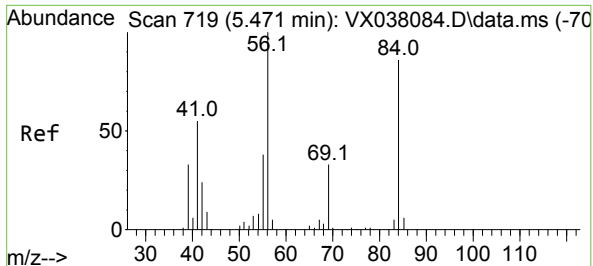
Tgt Ion: 42 Resp: 222974
Ion Ratio Lower Upper
42 100
72 50.4 34.2 51.4
71 47.1 32.2 48.2



#30
Chloroform
Concen: 55.883 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.001 min
Lab File: VX038212.D
Acq: 10 Oct 2023 19:24

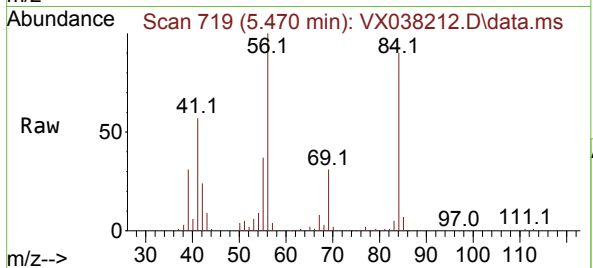
Tgt Ion: 83 Resp: 158114
Ion Ratio Lower Upper
83 100
85 65.6 50.3 75.5



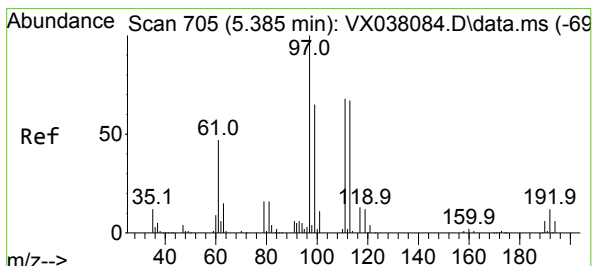
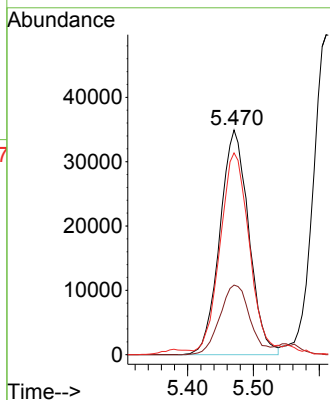
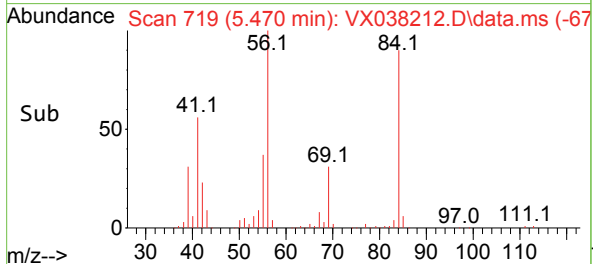


#31
Cyclohexane
Concen: 49.384 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.001 min
Lab File: VX038212.D
Acq: 10 Oct 2023 19:24

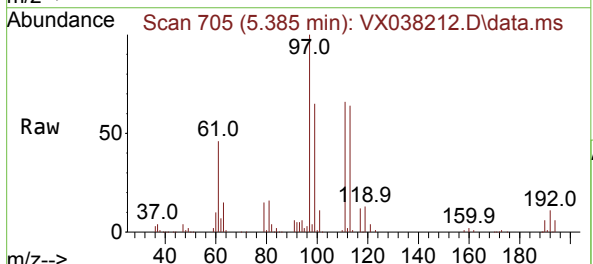
Instrument :
MSVOA_X
ClientSampleId :
GW-5-10-13MSD



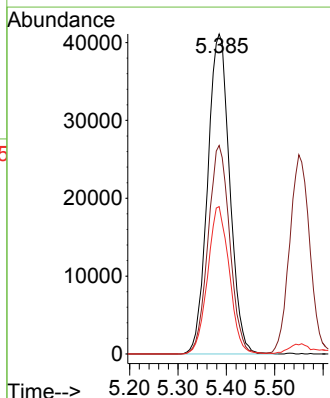
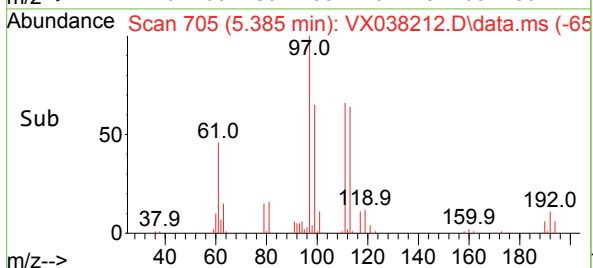
Tgt Ion: 56 Resp: 106976
Ion Ratio Lower Upper
56 100
69 31.0 23.4 35.2
84 87.7 65.9 98.9

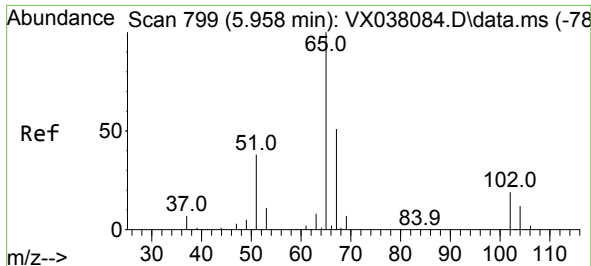


#32
1,1,1-Trichloroethane
Concen: 53.608 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038212.D
Acq: 10 Oct 2023 19:24



Tgt Ion: 97 Resp: 129916
Ion Ratio Lower Upper
97 100
99 64.1 51.1 76.7
61 45.3 36.4 54.6

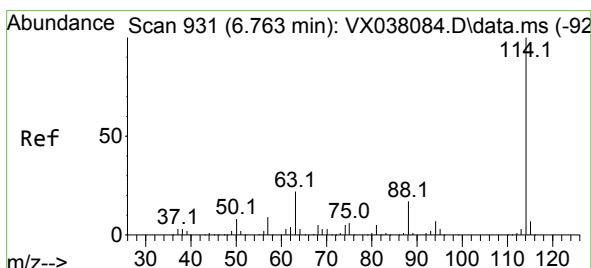
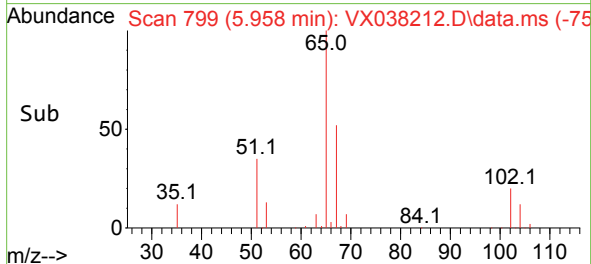
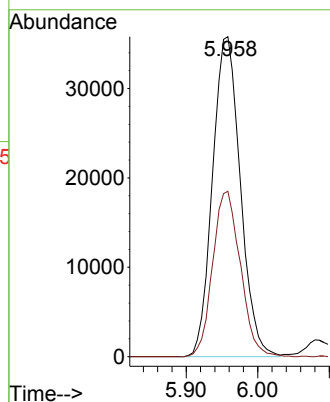
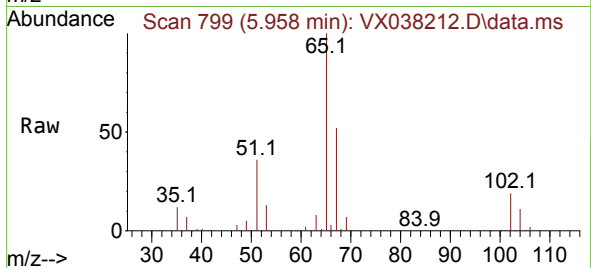




#33
 1,2-Dichloroethane-d4
 Concen: 48.369 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038212.D
 Acq: 10 Oct 2023 19:24

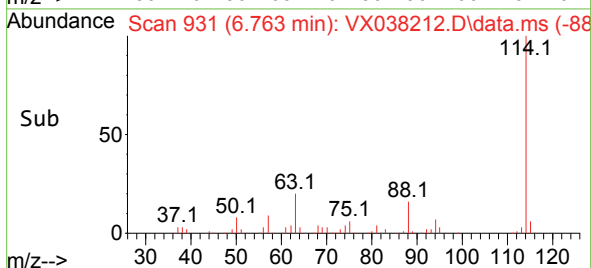
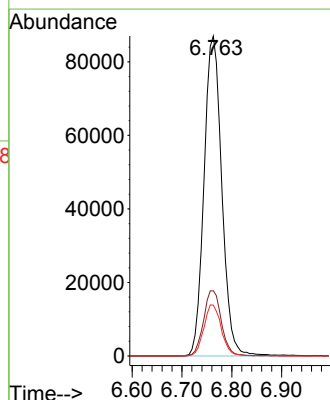
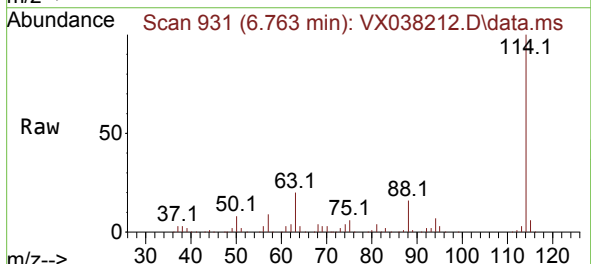
Instrument :
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 ClientSampleId :
 GW-5-10-13MSD

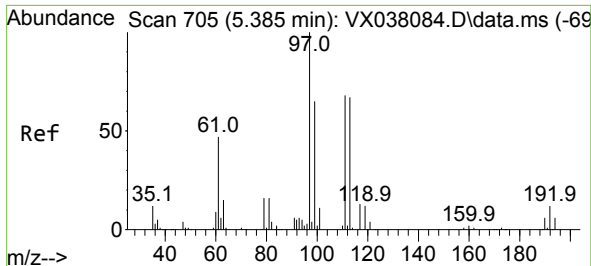
Tgt Ion: 65 Resp: 96708
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX038212.D
 Acq: 10 Oct 2023 19:24

Tgt Ion: 114 Resp: 215489
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 45.0
 88 15.9 0.0 36.6

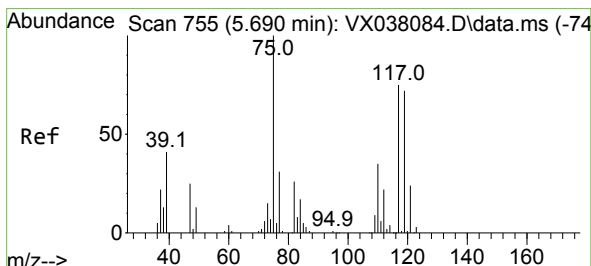
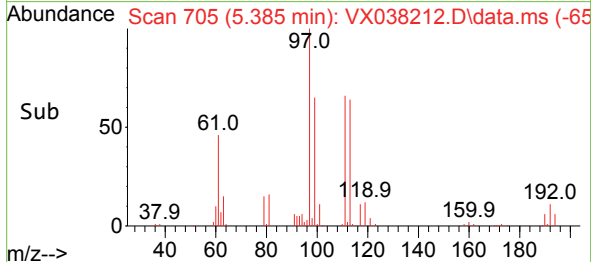
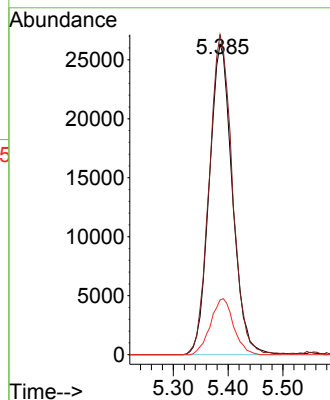
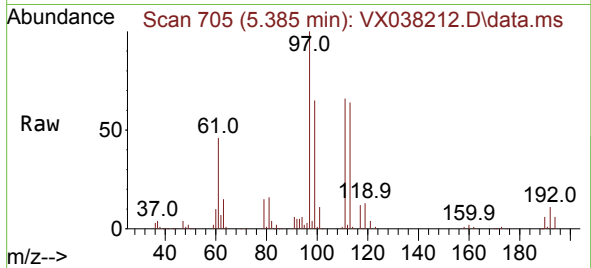




#35
Dibromofluoromethane
Concen: 49.373 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038212.D
Acq: 10 Oct 2023 19:24

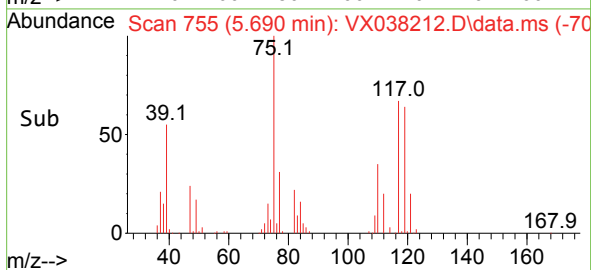
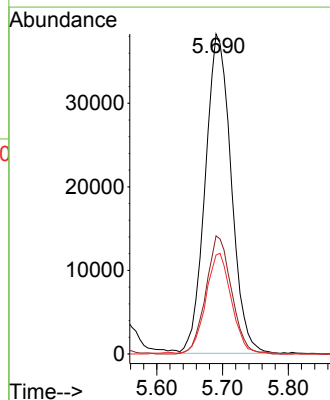
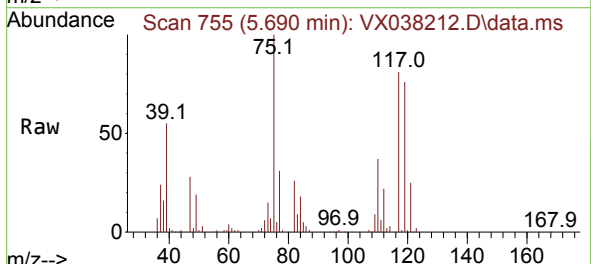
Instrument :
MSVOA_X
ClientSampleId :
GW-5-10-13MSD

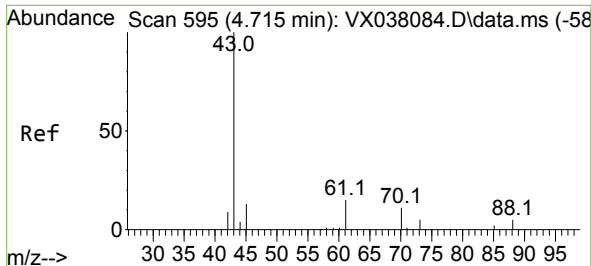
Tgt Ion:113 Resp: 76663
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 18.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 48.951 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX038212.D
Acq: 10 Oct 2023 19:24

Tgt Ion: 75 Resp: 104813
Ion Ratio Lower Upper
75 100
110 36.5 17.0 50.9
77 31.4 24.7 37.1





#37

Ethyl Acetate

Concen: 48.684 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX038212.D

Acq: 10 Oct 2023 19:24

Instrument :

MSVOA_X

ClientSampleId :

GW-5-10-13MSD

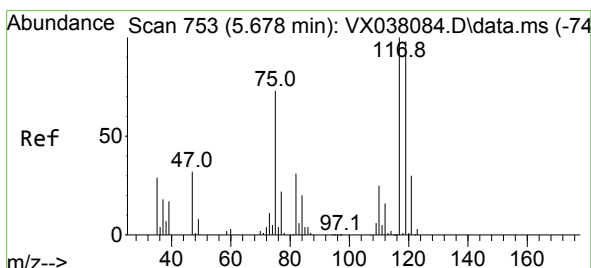
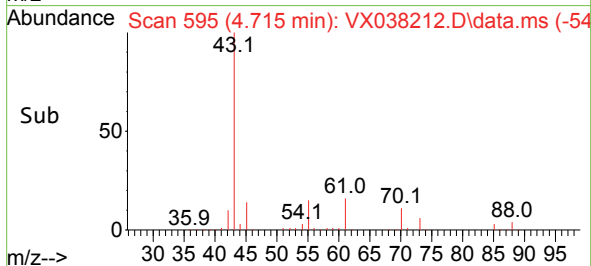
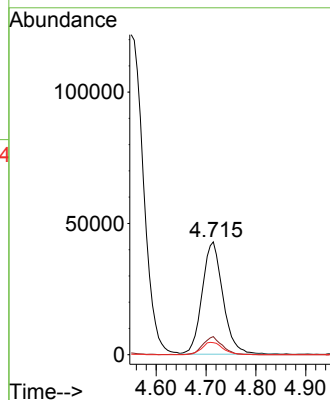
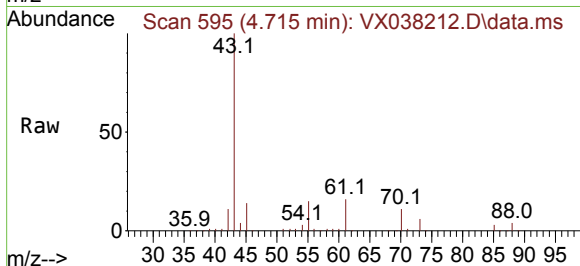
Tgt Ion: 43 Resp: 123802

Ion Ratio Lower Upper

43 100

61 14.9 10.6 16.0

70 11.1 8.3 12.5



#38

Carbon Tetrachloride

Concen: 52.026 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX038212.D

Acq: 10 Oct 2023 19:24

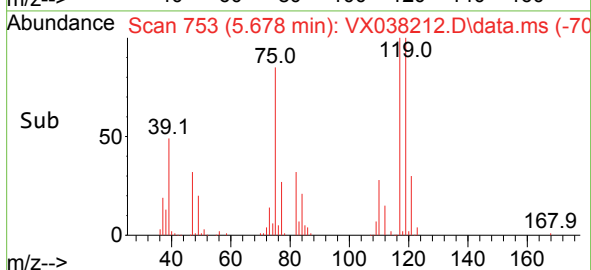
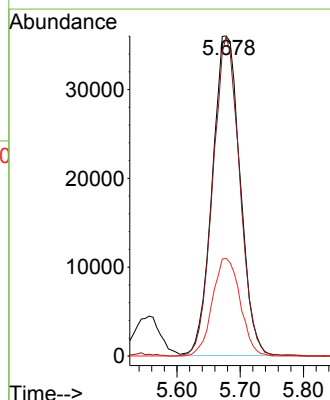
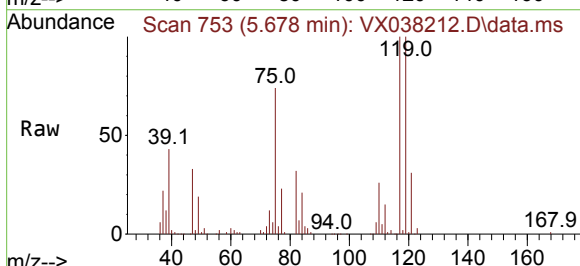
Tgt Ion: 117 Resp: 109587

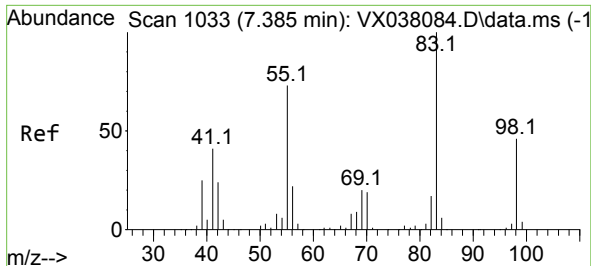
Ion Ratio Lower Upper

117 100

119 99.7 78.2 117.2

121 30.6 24.4 36.6





#39

Methylcyclohexane

Concen: 47.721 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX038212.D

Acq: 10 Oct 2023 19:24

Instrument :

MSVOA_X

ClientSampleId :

GW-5-10-13MSD

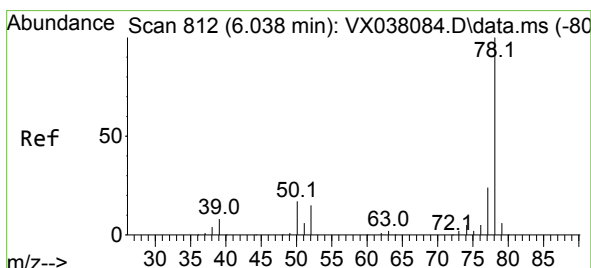
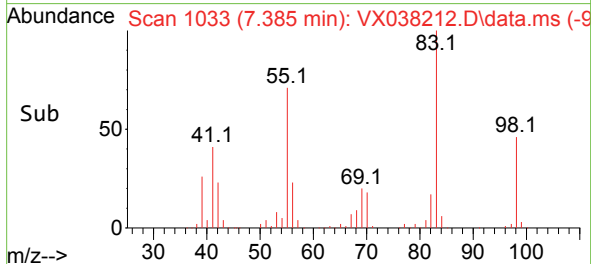
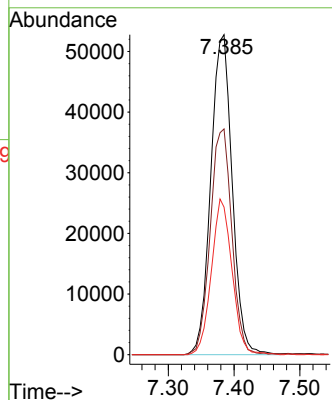
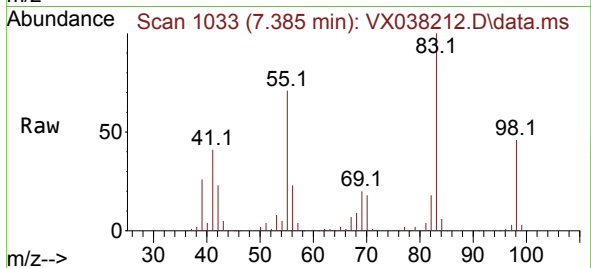
Tgt Ion: 83 Resp: 119686

Ion Ratio Lower Upper

83 100

55 70.6 64.6 97.0

98 46.1 36.7 55.1



#40

Benzene

Concen: 52.477 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.001 min

Lab File: VX038212.D

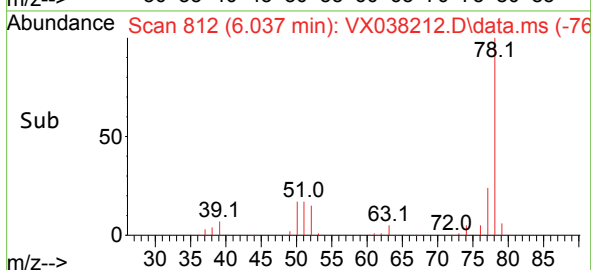
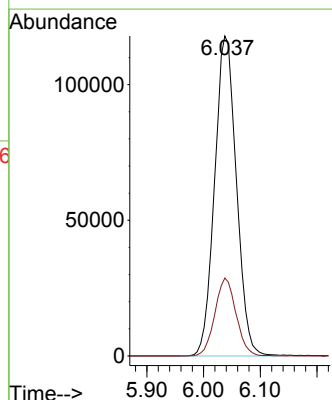
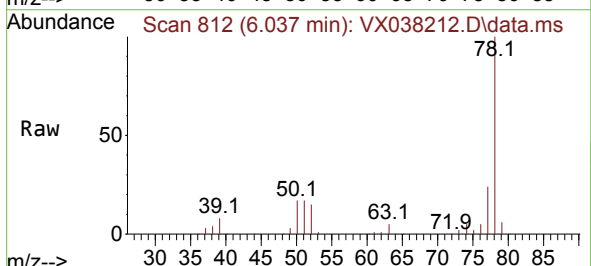
Acq: 10 Oct 2023 19:24

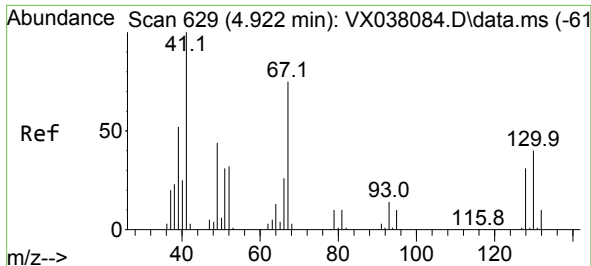
Tgt Ion: 78 Resp: 314277

Ion Ratio Lower Upper

78 100

77 24.4 19.3 28.9

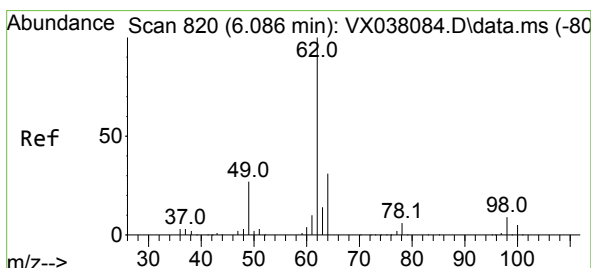
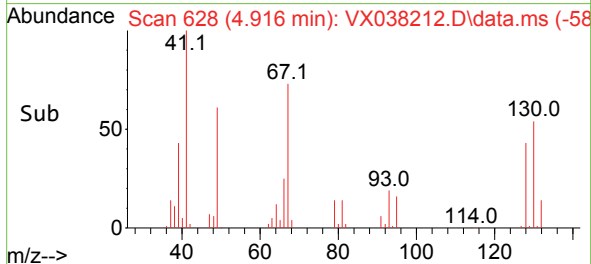
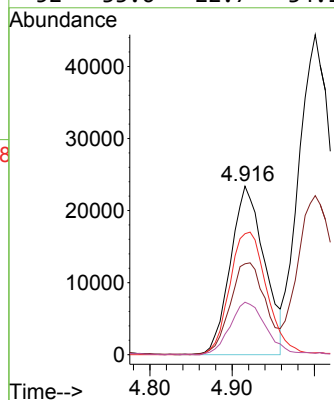
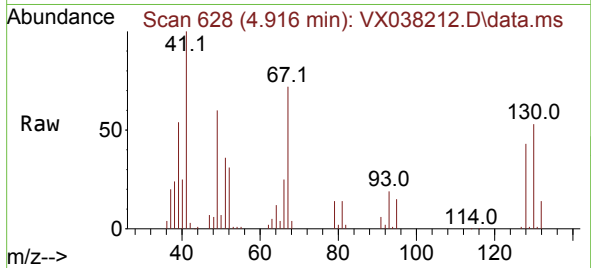




#41
Methacrylonitrile
Concen: 53.124 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX038212.D
Acq: 10 Oct 2023 19:24

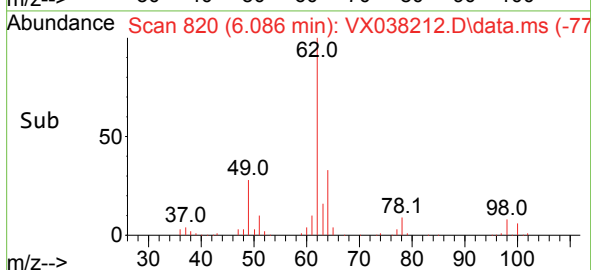
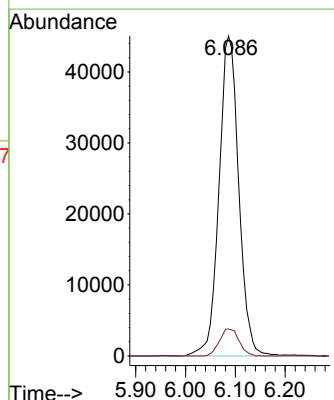
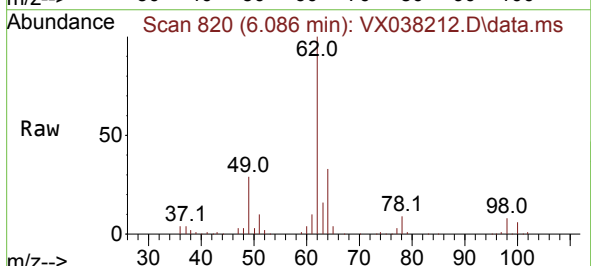
Instrument :
MSVOA_X
ClientSampleId :
GW-5-10-13MSD

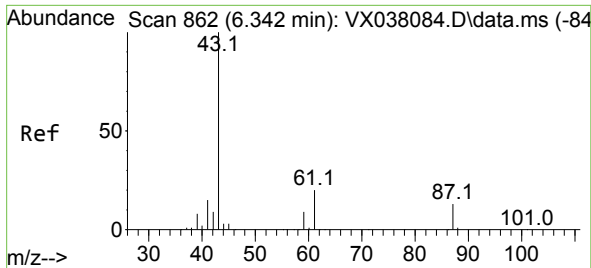
Tgt Ion: 41 Resp: 67204
Ion Ratio Lower Upper
41 100
39 56.6 45.2 67.8
67 79.8 52.6 78.8#
52 33.6 22.7 34.1



#42
1,2-Dichloroethane
Concen: 51.740 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038212.D
Acq: 10 Oct 2023 19:24

Tgt Ion: 62 Resp: 123801
Ion Ratio Lower Upper
62 100
98 8.4 0.0 16.0

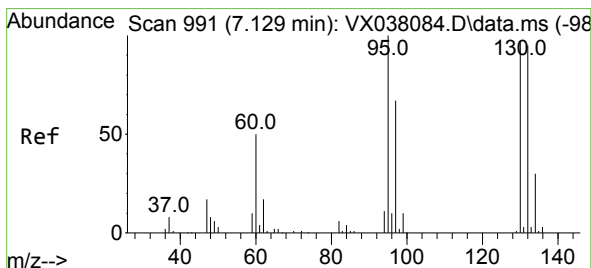
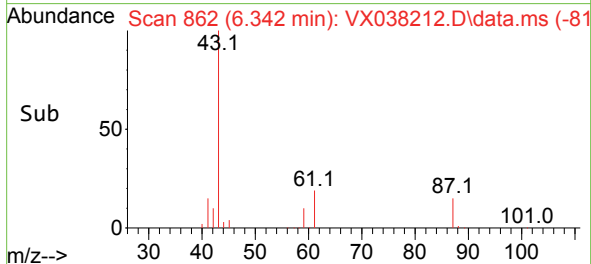
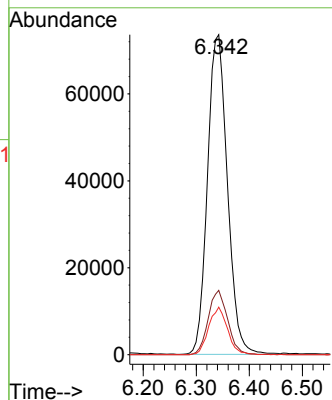
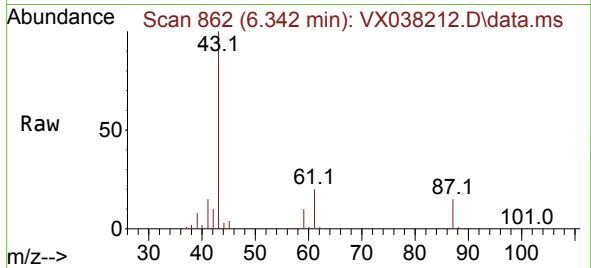




#43
Isopropyl Acetate
Concen: 50.624 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX038212.D
Acq: 10 Oct 2023 19:24

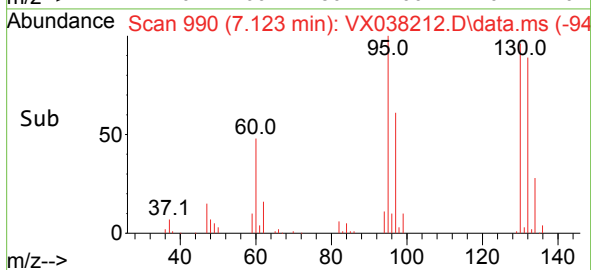
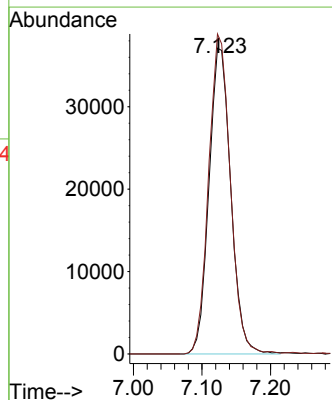
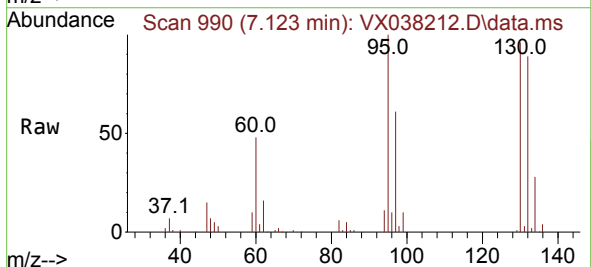
Instrument :
MSVOA_X
ClientSampleId :
GW-5-10-13MSD

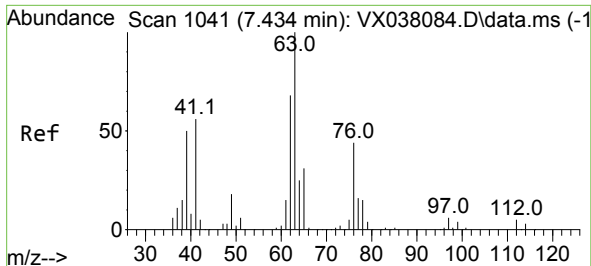
Tgt Ion: 43 Resp: 192180
Ion Ratio Lower Upper
43 100
61 19.6 15.2 22.8
87 14.0 9.8 14.6



#44
Trichloroethene
Concen: 52.460 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX038212.D
Acq: 10 Oct 2023 19:24

Tgt Ion:130 Resp: 82172
Ion Ratio Lower Upper
130 100
95 104.6 0.0 204.4

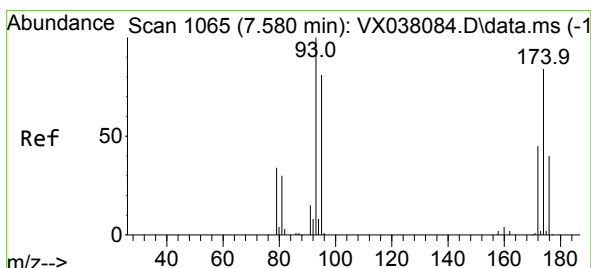
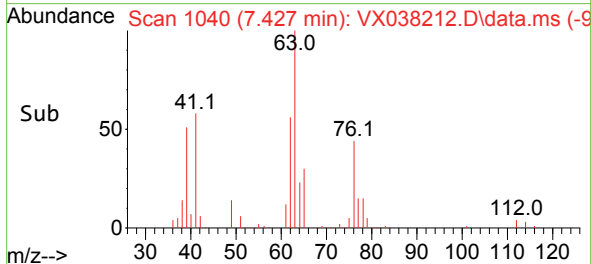
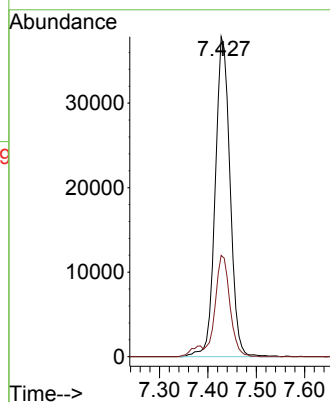
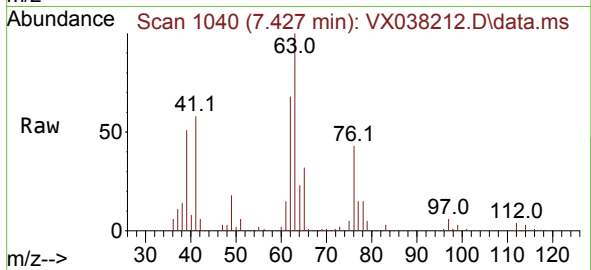




#45
1,2-Dichloropropane
Concen: 51.953 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.007 min
Lab File: VX038212.D
Acq: 10 Oct 2023 19:24

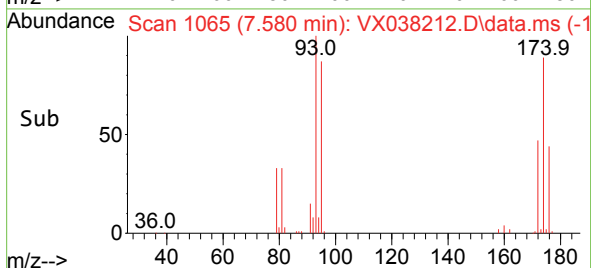
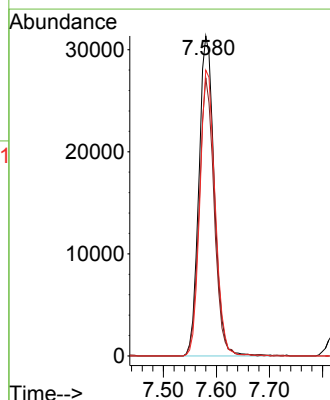
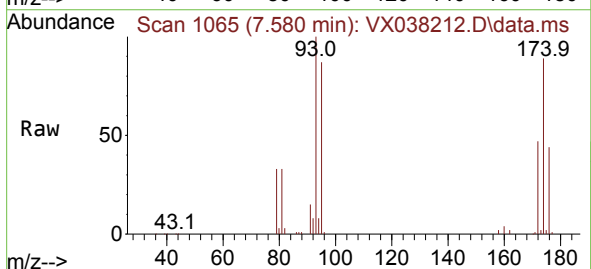
Instrument :
MSVOA_X
ClientSampleId :
GW-5-10-13MSD

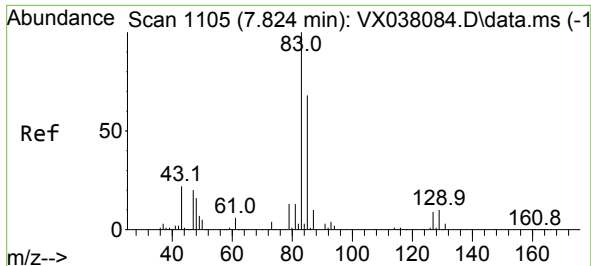
Tgt Ion: 63 Resp: 80527
Ion Ratio Lower Upper
63 100
65 31.6 24.3 36.5



#46
Dibromomethane
Concen: 52.747 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX038212.D
Acq: 10 Oct 2023 19:24

Tgt Ion: 93 Resp: 63411
Ion Ratio Lower Upper
93 100
95 84.0 66.6 100.0
174 88.5 69.4 104.0

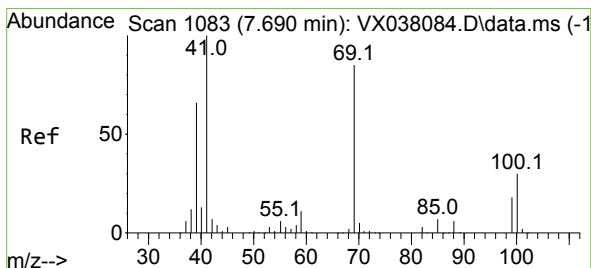
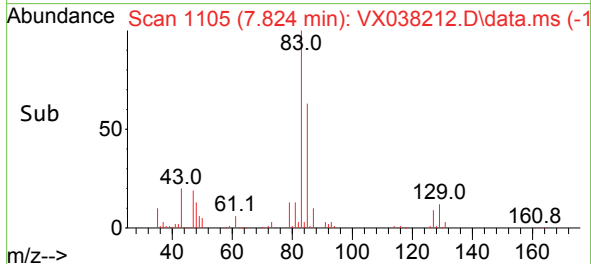
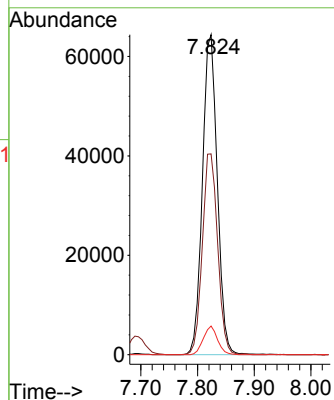
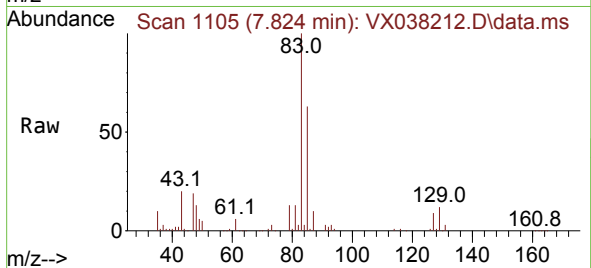




#47
Bromodichloromethane
Concen: 54.979 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX038212.D
Acq: 10 Oct 2023 19:24

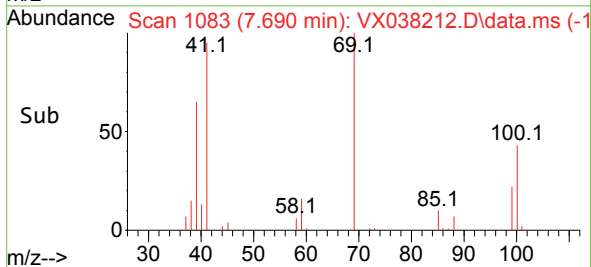
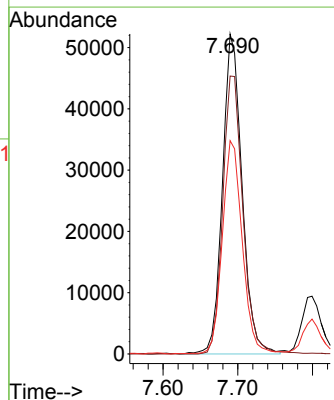
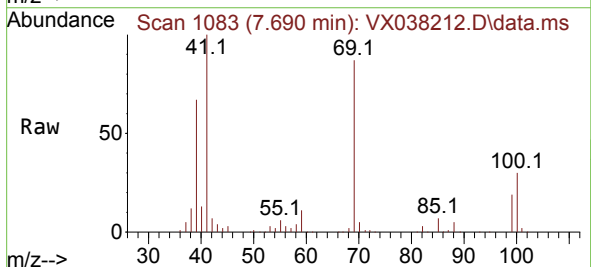
Instrument :
MSVOA_X
ClientSampleId :
GW-5-10-13MSD

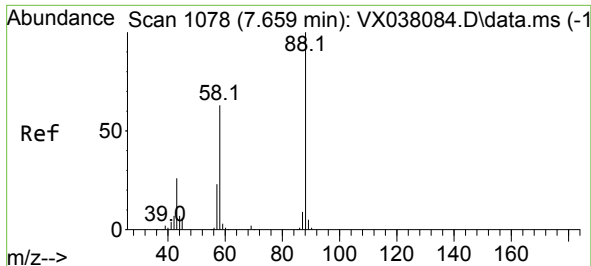
Tgt Ion: 83 Resp: 117579
Ion Ratio Lower Upper
83 100
85 62.7 49.8 74.6
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 52.573 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX038212.D
Acq: 10 Oct 2023 19:24

Tgt Ion: 41 Resp: 95276
Ion Ratio Lower Upper
41 100
69 89.3 59.2 88.8#
39 68.3 47.7 71.5





#49

1,4-Dioxane

Concen: 999.801 ug/l

RT: 7.659 min Scan# 110

Delta R.T. 0.000 min

Lab File: VX038212.D

Acq: 10 Oct 2023 19:24

Instrument :

MSVOA_X

ClientSampleId :

GW-5-10-13MSD

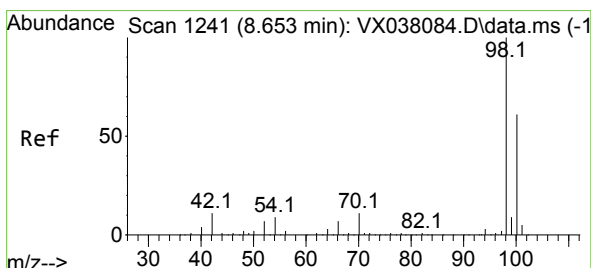
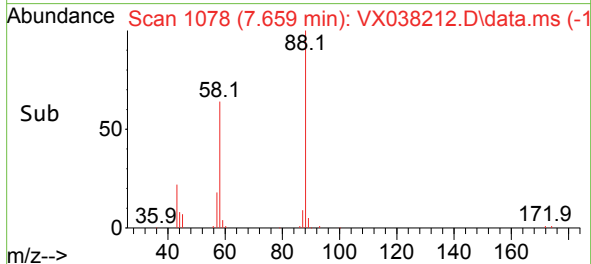
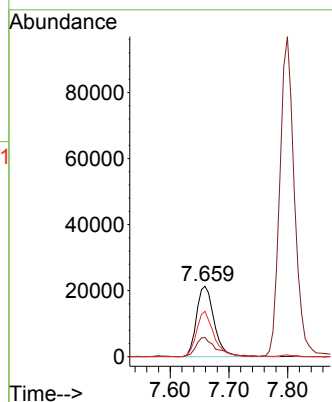
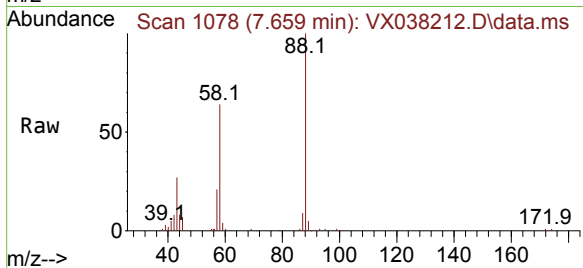
Tgt Ion: 88 Resp: 44649

Ion Ratio Lower Upper

88 100

43 31.0 0.0 0.0#

58 63.2 60.1 90.1



#50

Toluene-d8

Concen: 49.234 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX038212.D

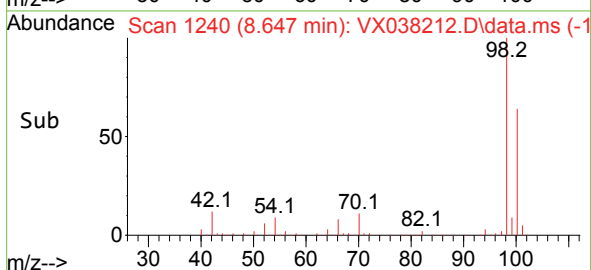
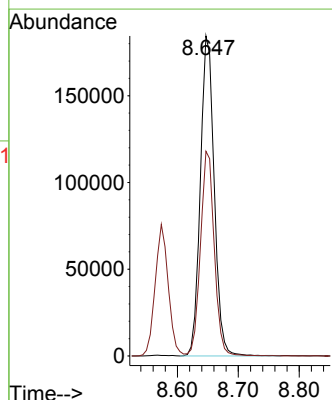
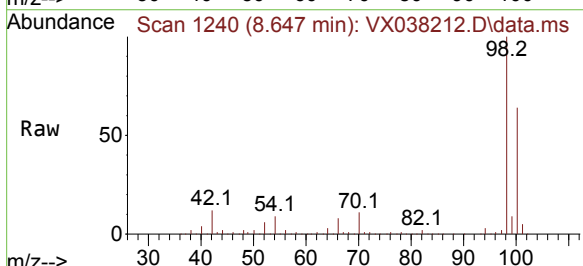
Acq: 10 Oct 2023 19:24

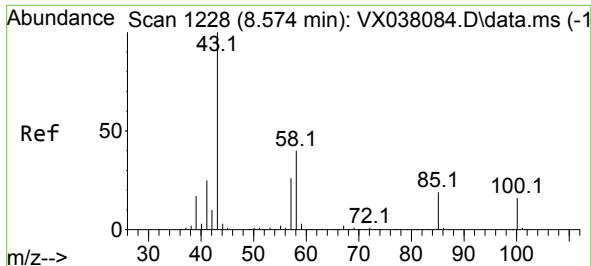
Tgt Ion: 98 Resp: 292126

Ion Ratio Lower Upper

98 100

100 63.8 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 268.515 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX038212.D

Acq: 10 Oct 2023 19:24

Instrument :

MSVOA_X

ClientSampleId :

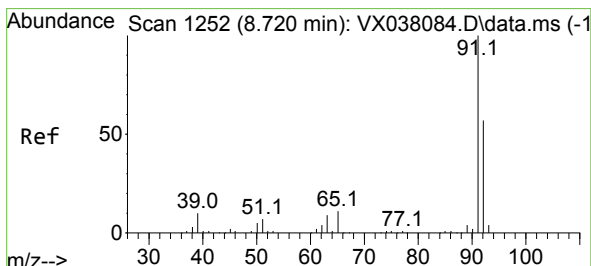
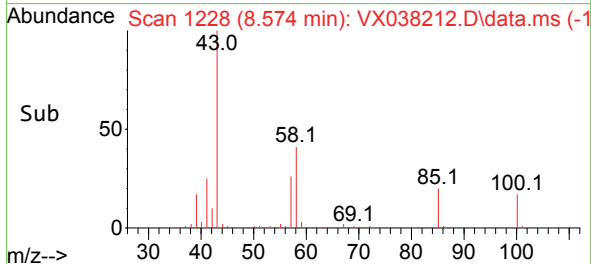
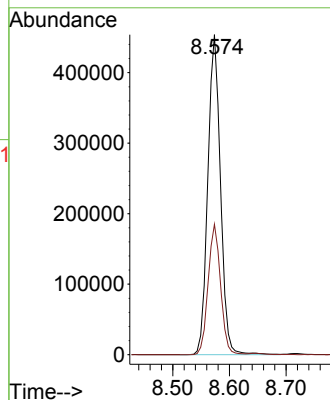
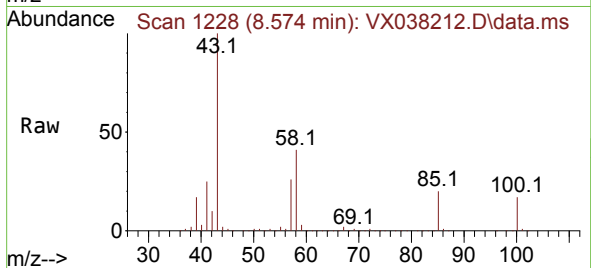
GW-5-10-13MSD

Tgt Ion: 43 Resp: 703099

Ion Ratio Lower Upper

43 100

58 40.0 30.4 45.6



#52

Toluene

Concen: 53.601 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX038212.D

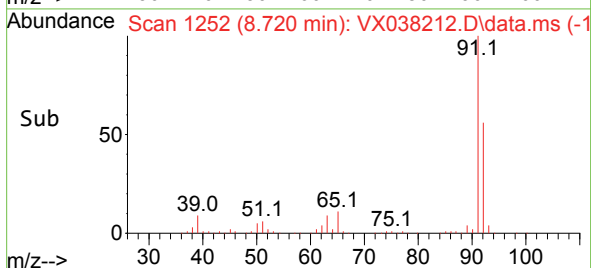
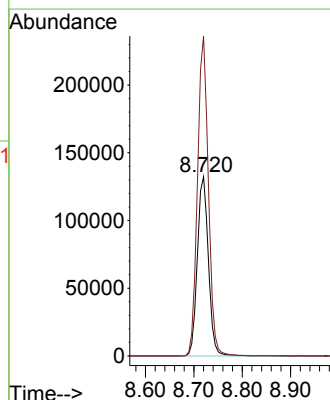
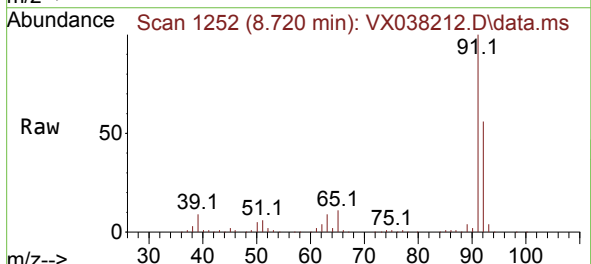
Acq: 10 Oct 2023 19:24

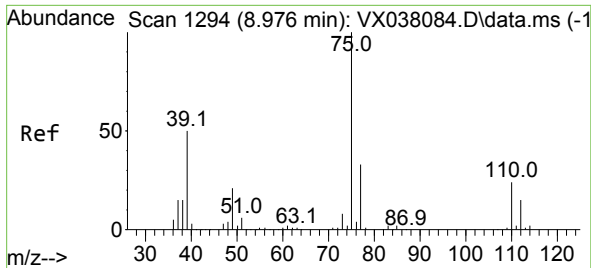
Tgt Ion: 92 Resp: 209105

Ion Ratio Lower Upper

92 100

91 176.4 134.2 201.2

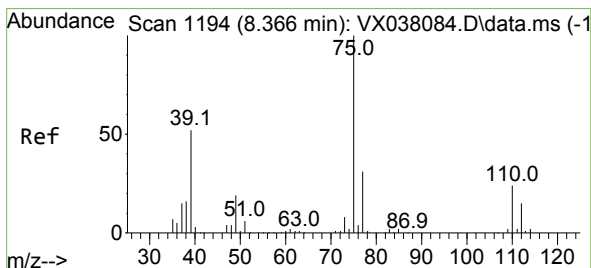
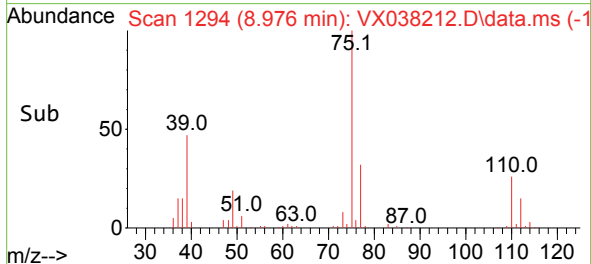
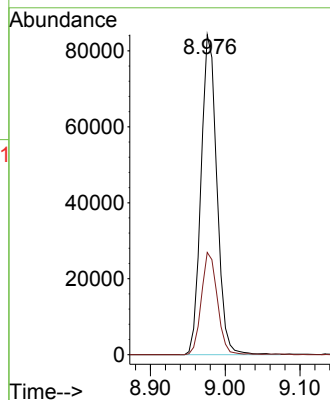
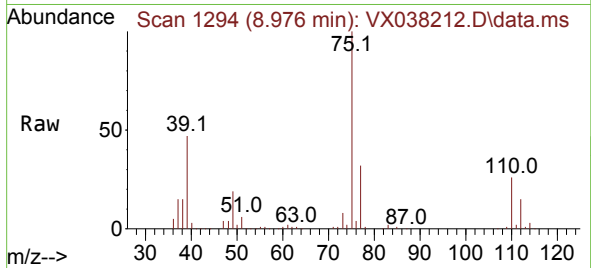




#53
 t-1,3-Dichloropropene
 Concen: 53.967 ug/l
 RT: 8.976 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX038212.D
 Acq: 10 Oct 2023 19:24

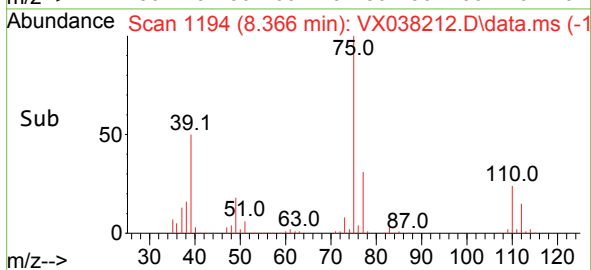
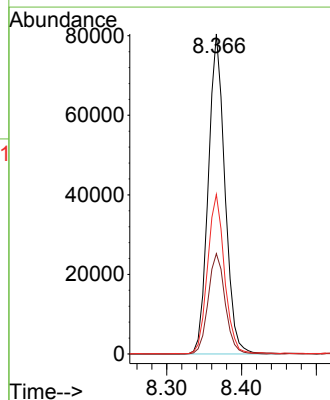
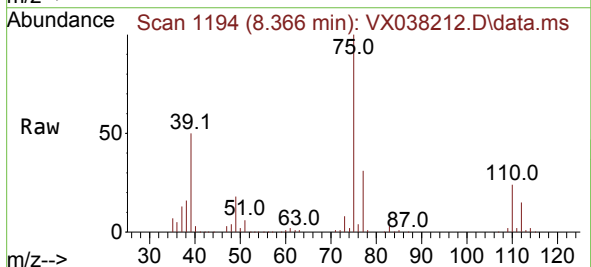
Instrument :
 MSVOA_X
 ClientSampleId :
 GW-5-10-13MSD

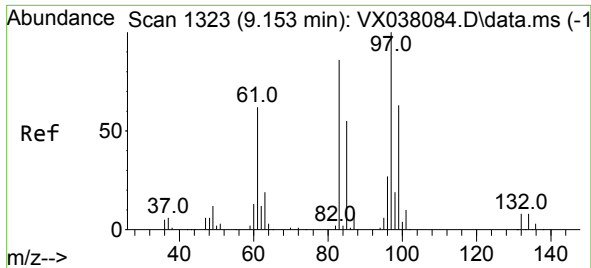
Tgt Ion: 75 Resp: 123886
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 51.371 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX038212.D
 Acq: 10 Oct 2023 19:24

Tgt Ion: 75 Resp: 123899
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.3 37.9
 39 49.7 46.7 70.1

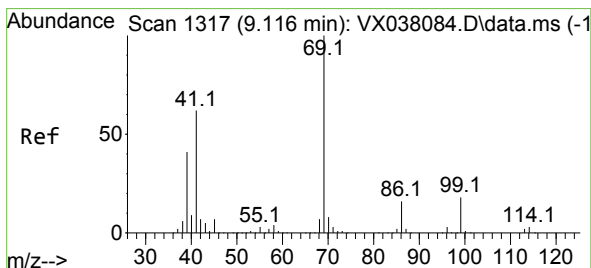
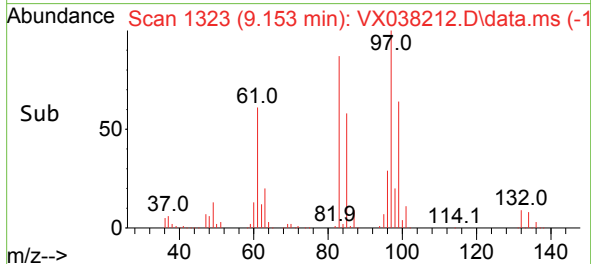
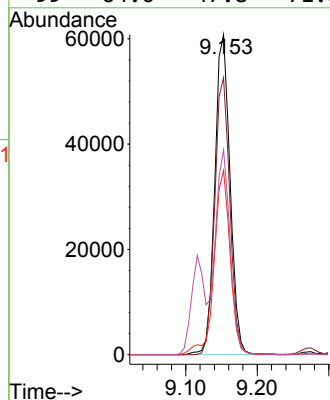
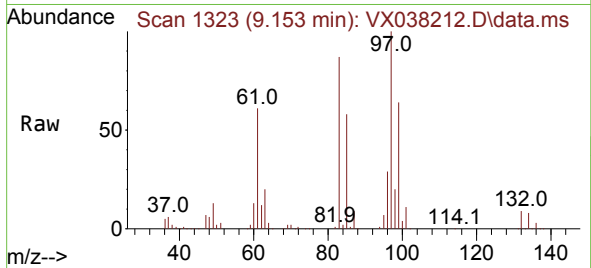




#55
 1,1,2-Trichloroethane
 Concen: 54.072 ug/l
 RT: 9.153 min Scan# 1323
 Delta R.T. -0.000 min
 Lab File: VX038212.D
 Acq: 10 Oct 2023 19:24

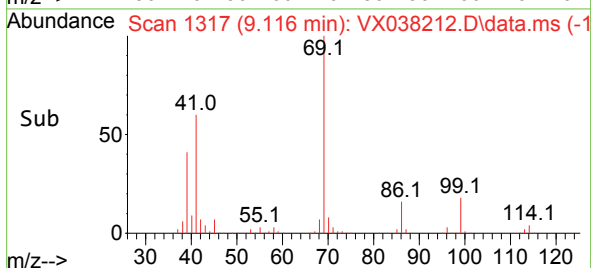
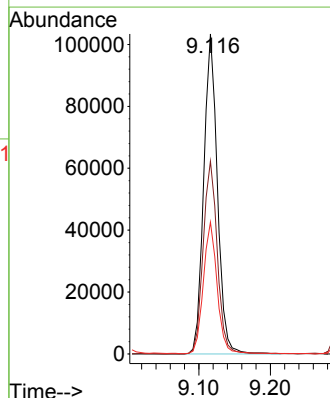
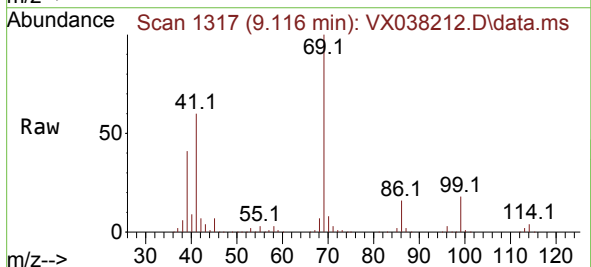
Instrument :
 MSVOA_X
 ClientSampleId :
 GW-5-10-13MSD

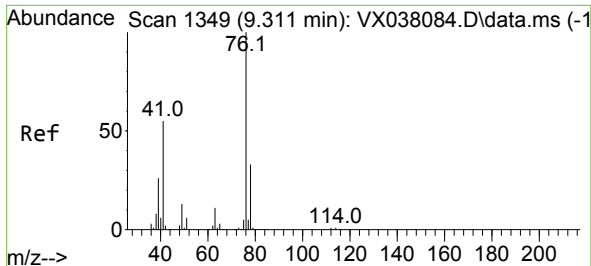
Tgt Ion: 97	Resp: 90226
Ion Ratio	Lower Upper
97 100	
83 86.5	65.8 98.8
85 57.5	41.6 62.4
99 64.0	47.8 71.8



#56
 Ethyl methacrylate
 Concen: 53.744 ug/l
 RT: 9.116 min Scan# 1317
 Delta R.T. 0.000 min
 Lab File: VX038212.D
 Acq: 10 Oct 2023 19:24

Tgt Ion: 69	Resp: 137497
Ion Ratio	Lower Upper
69 100	
41 62.2	56.8 85.2
39 41.2	32.0 48.0





#57

1,3-Dichloropropane

Concen: 52.793 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX038212.D

Acq: 10 Oct 2023 19:24

Instrument :

MSVOA_X

ClientSampleId :

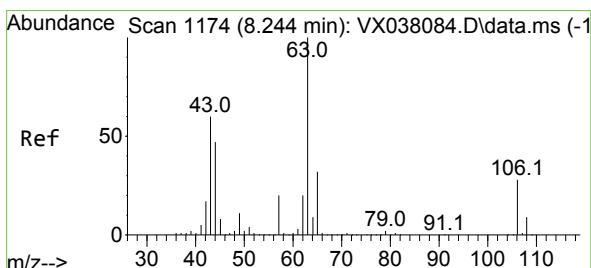
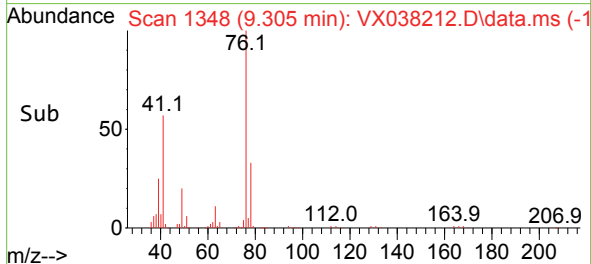
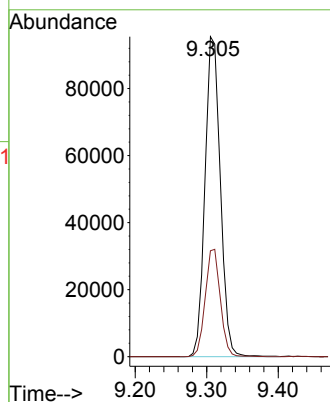
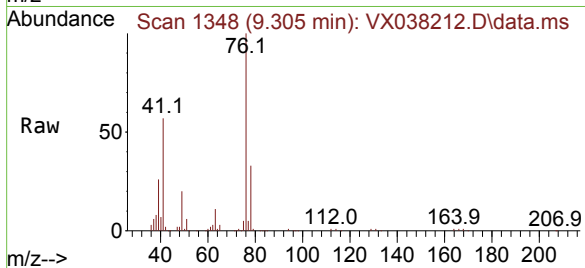
GW-5-10-13MSD

Tgt Ion: 76 Resp: 142477

Ion Ratio Lower Upper

76 100

78 33.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 0.424 ug/l

RT: 8.165 min Scan# 1161

Delta R.T. -0.079 min

Lab File: VX038212.D

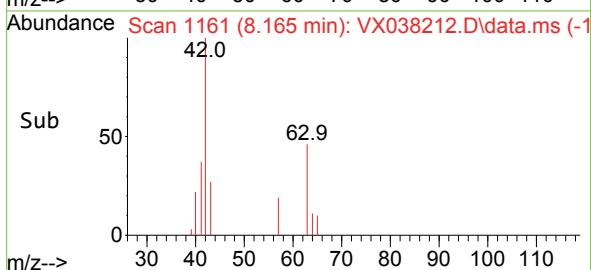
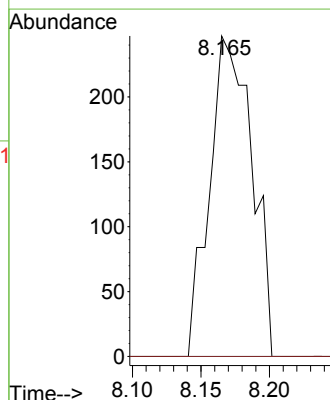
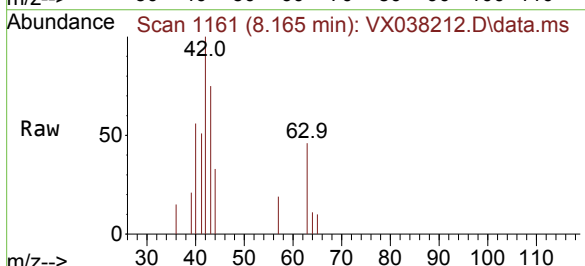
Acq: 10 Oct 2023 19:24

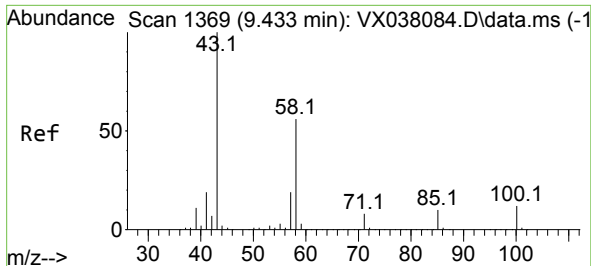
Tgt Ion: 63 Resp: 533

Ion Ratio Lower Upper

63 100

106 0.0 22.5 33.7#





#59

2-Hexanone

Concen: 272.005 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX038212.D

Acq: 10 Oct 2023 19:24

Instrument :

MSVOA_X

ClientSampleId :

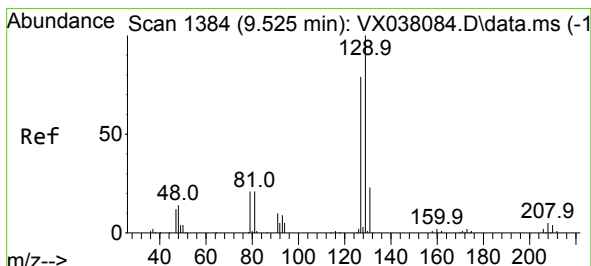
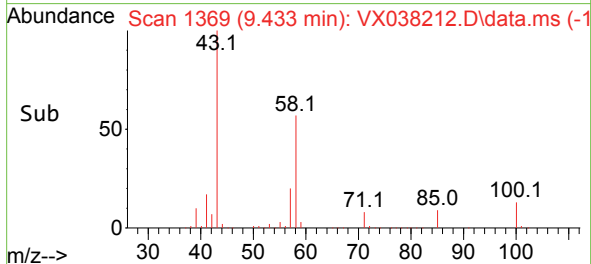
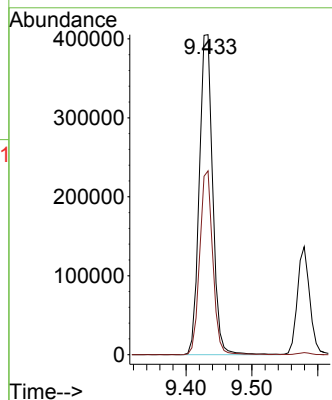
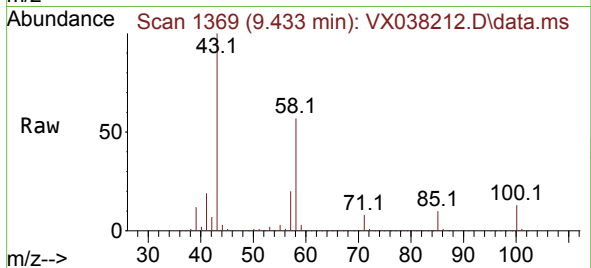
GW-5-10-13MSD

Tgt Ion: 43 Resp: 572586

Ion Ratio Lower Upper

43 100

58 56.0 26.2 78.5



#60

Dibromochloromethane

Concen: 58.527 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX038212.D

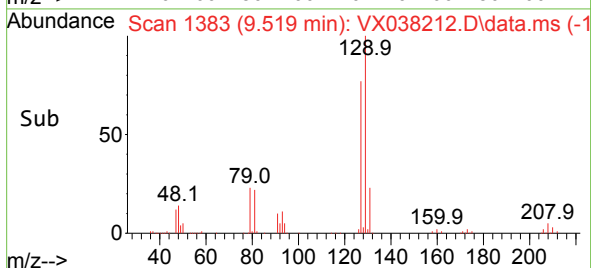
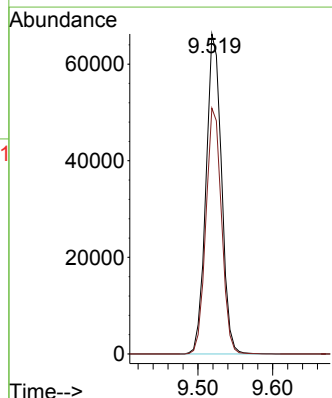
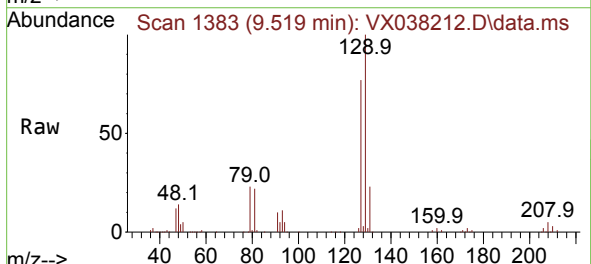
Acq: 10 Oct 2023 19:24

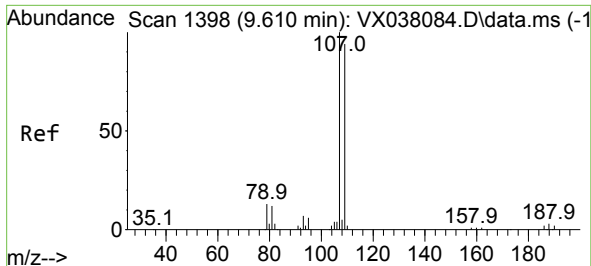
Tgt Ion: 129 Resp: 95580

Ion Ratio Lower Upper

129 100

127 77.1 38.8 116.4

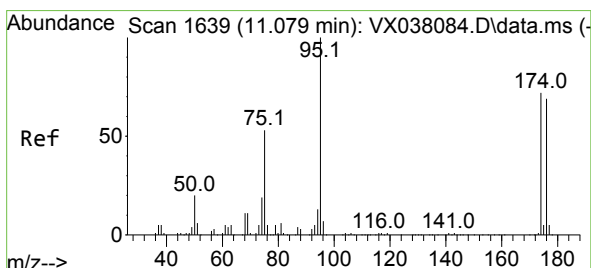
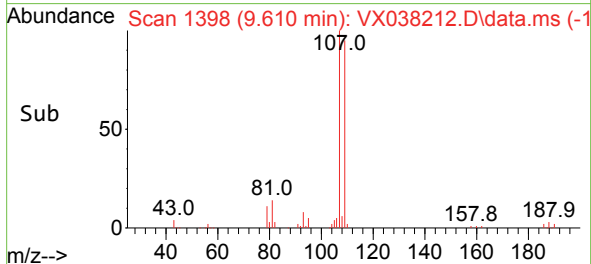
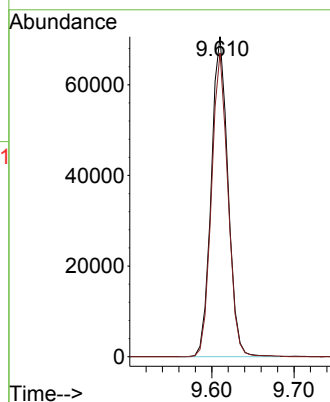
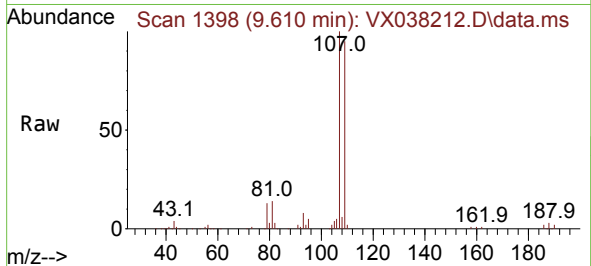




#61
1,2-Dibromoethane
Concen: 55.305 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX038212.D
Acq: 10 Oct 2023 19:24

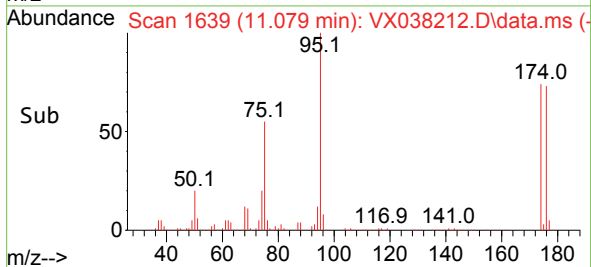
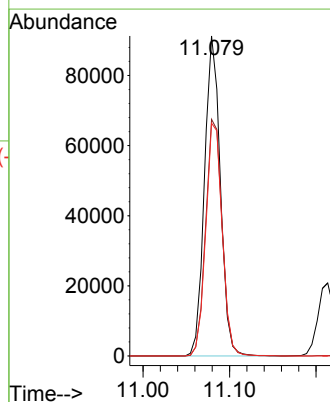
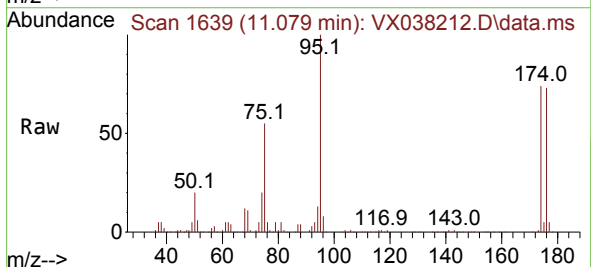
Instrument :
MSVOA_X
ClientSampleId :
GW-5-10-13MSD

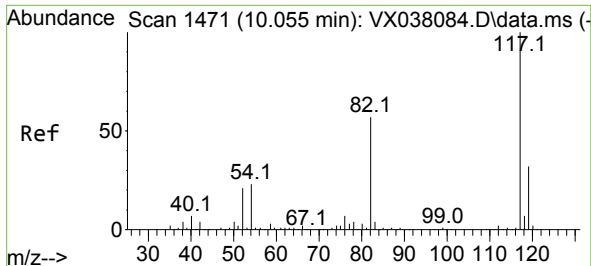
Tgt Ion:107 Resp: 99796
Ion Ratio Lower Upper
107 100
109 93.0 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 51.452 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038212.D
Acq: 10 Oct 2023 19:24

Tgt Ion: 95 Resp: 115737
Ion Ratio Lower Upper
95 100
174 77.0 0.0 135.6
176 75.5 0.0 131.0

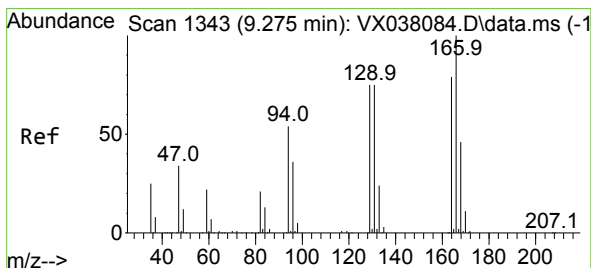
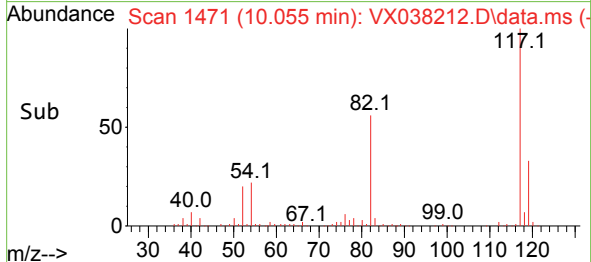
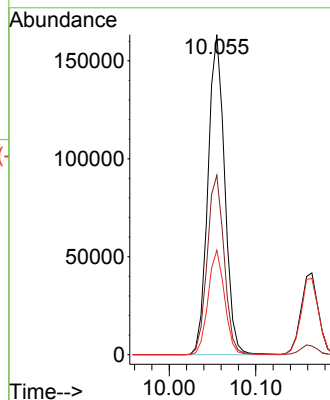
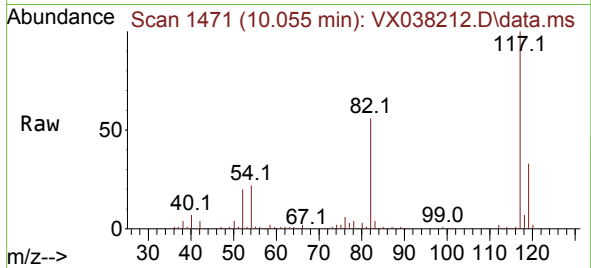




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038212.D
Acq: 10 Oct 2023 19:24

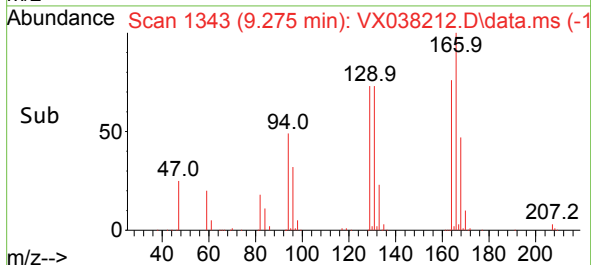
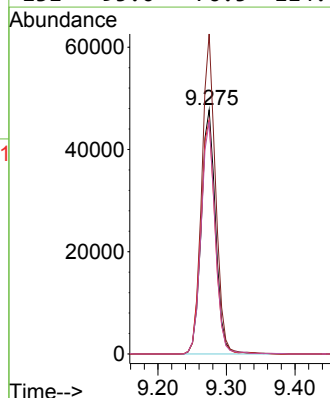
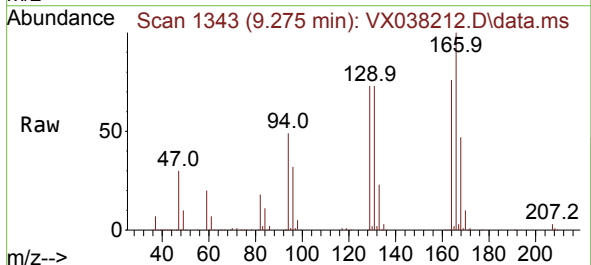
Instrument :
MSVOA_X
ClientSampleId :
GW-5-10-13MSD

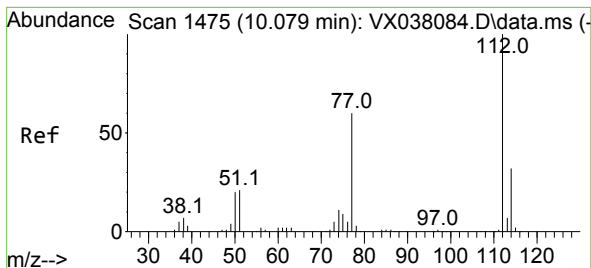
Tgt Ion:117 Resp: 218736
Ion Ratio Lower Upper
117 100
82 56.0 46.2 69.4
119 32.7 25.5 38.3



#64
Tetrachloroethene
Concen: 48.808 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038212.D
Acq: 10 Oct 2023 19:24

Tgt Ion:164 Resp: 69114
Ion Ratio Lower Upper
164 100
166 131.1 102.7 154.1
129 95.8 80.4 120.6
131 95.0 76.5 114.7

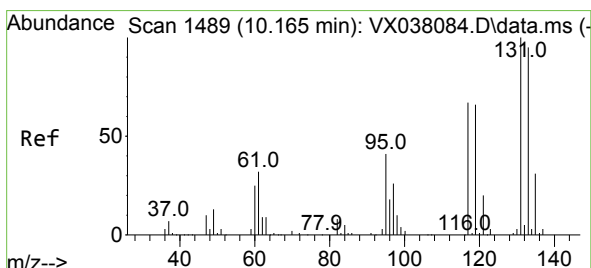
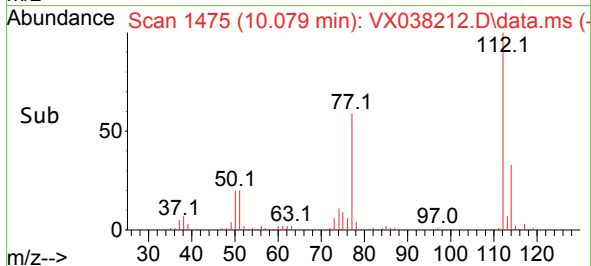
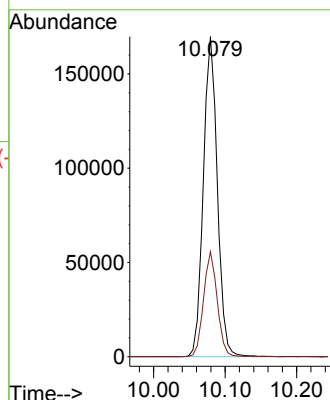
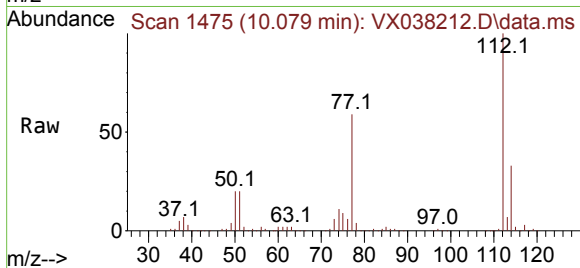




#65
Chlorobenzene
Concen: 50.413 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038212.D
Acq: 10 Oct 2023 19:24

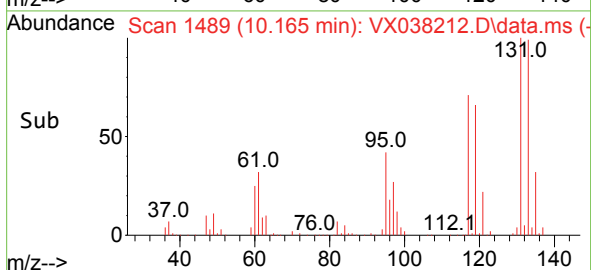
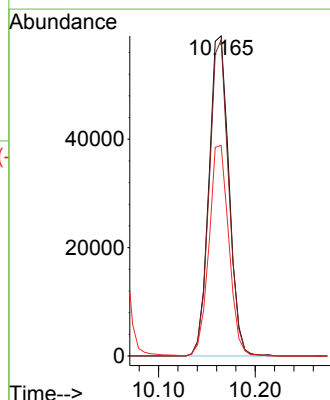
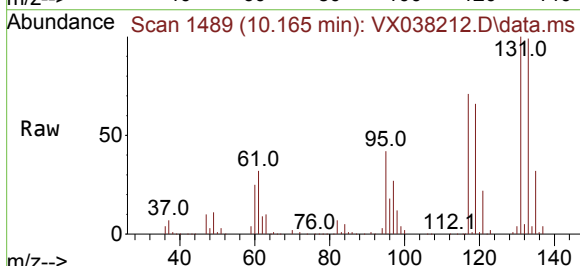
Instrument :
MSVOA_X
ClientSampleId :
GW-5-10-13MSD

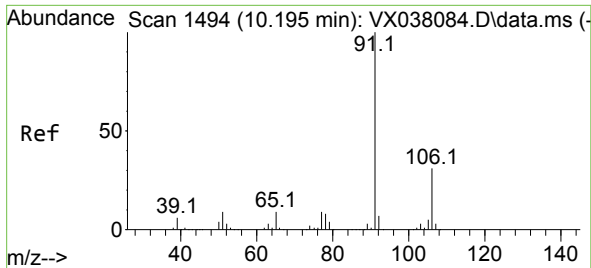
Tgt Ion:112 Resp: 230746
Ion Ratio Lower Upper
112 100
114 32.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 54.764 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX038212.D
Acq: 10 Oct 2023 19:24

Tgt Ion:131 Resp: 84762
Ion Ratio Lower Upper
131 100
133 96.4 47.1 141.4
119 65.5 32.2 96.6

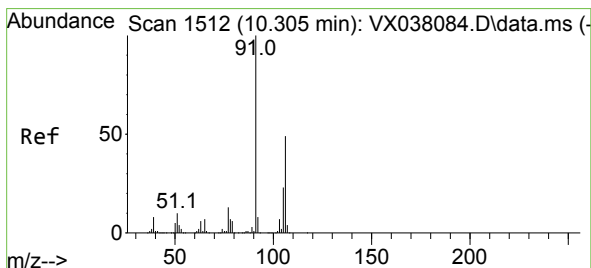
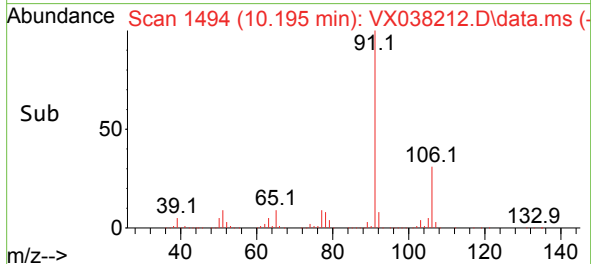
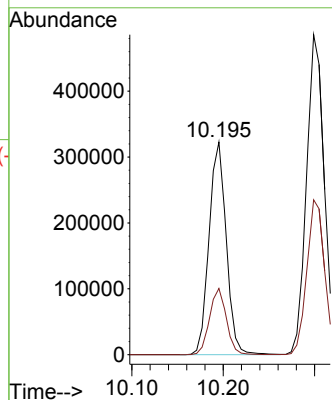
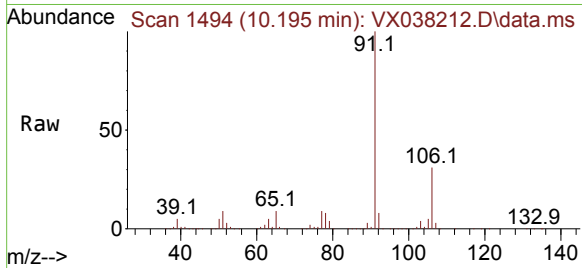




#67
Ethyl Benzene
Concen: 51.604 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038212.D
Acq: 10 Oct 2023 19:24

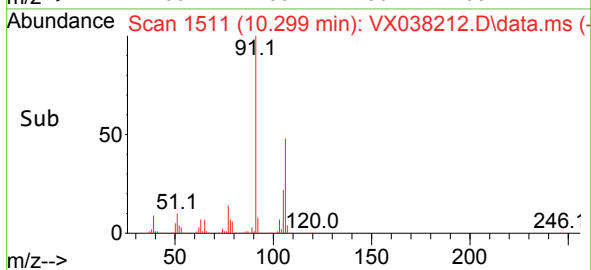
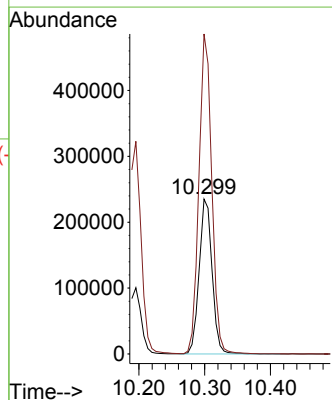
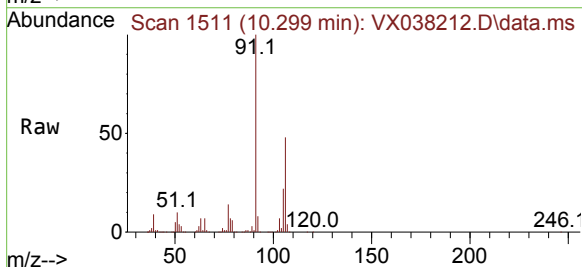
Instrument :
MSVOA_X
ClientSampleId :
GW-5-10-13MSD

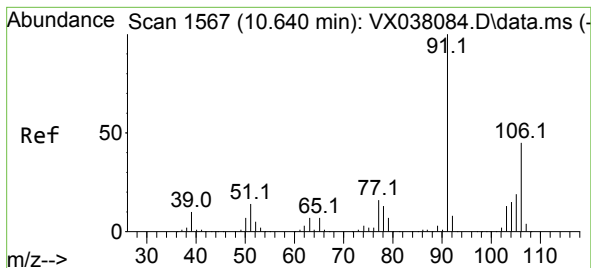
Tgt Ion: 91 Resp: 421617
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3



#68
m/p-Xylenes
Concen: 101.783 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038212.D
Acq: 10 Oct 2023 19:24

Tgt Ion: 106 Resp: 321544
Ion Ratio Lower Upper
106 100
91 205.6 165.5 248.3





#69

o-Xylene

Concen: 50.938 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX038212.D

Acq: 10 Oct 2023 19:24

Instrument :

MSVOA_X

ClientSampleId :

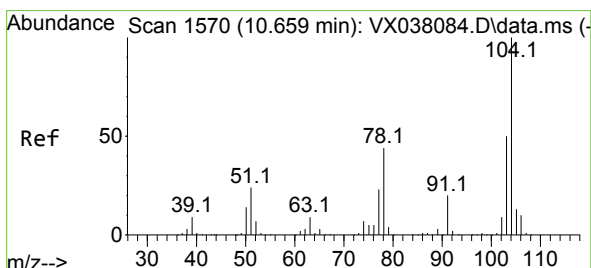
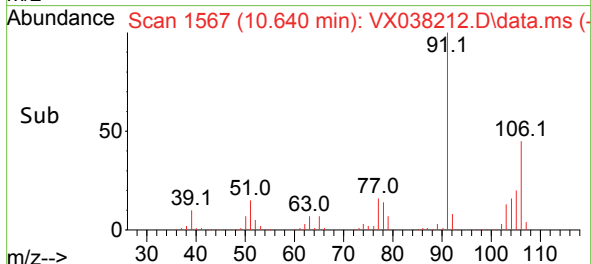
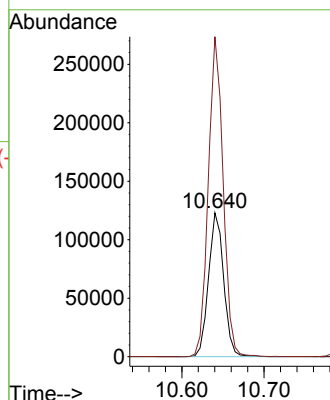
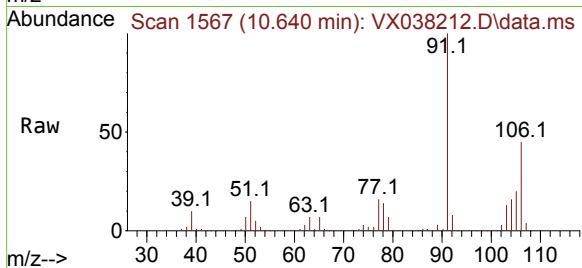
GW-5-10-13MSD

Tgt Ion:106 Resp: 157057

Ion Ratio Lower Upper

106 100

91 218.7 108.9 326.8



#70

Styrene

Concen: 52.778 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.007 min

Lab File: VX038212.D

Acq: 10 Oct 2023 19:24

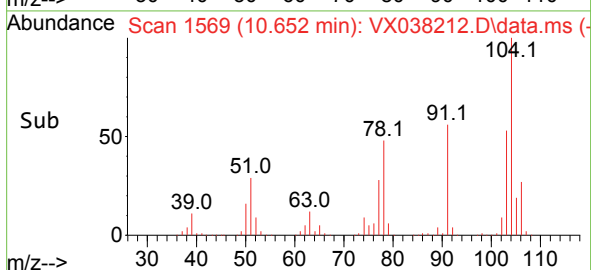
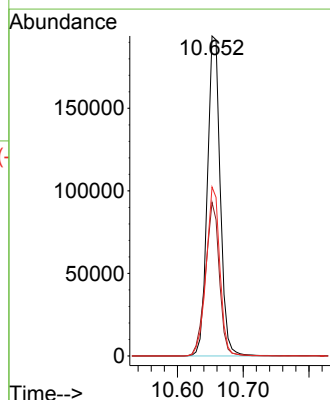
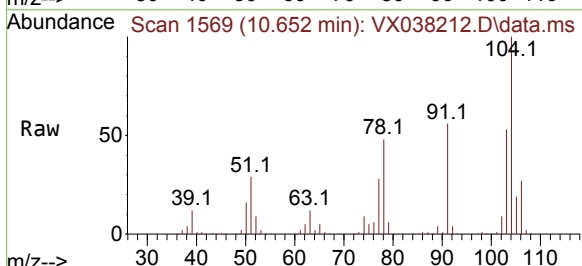
Tgt Ion:104 Resp: 265010

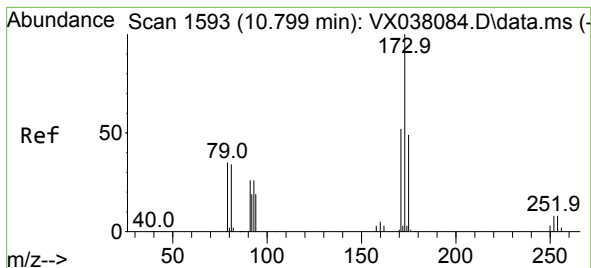
Ion Ratio Lower Upper

104 100

78 51.8 43.6 65.4

103 56.0 43.6 65.4





#71

Bromoform

Concen: 49.679 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX038212.D

Acq: 10 Oct 2023 19:24

Instrument :

MSVOA_X

ClientSampleId :

GW-5-10-13MSD

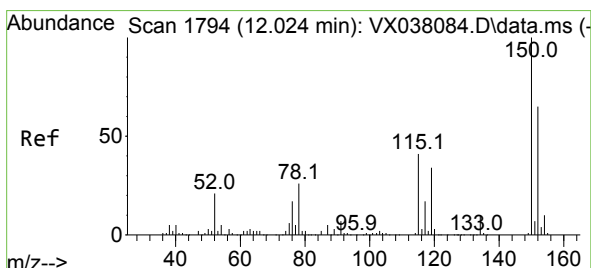
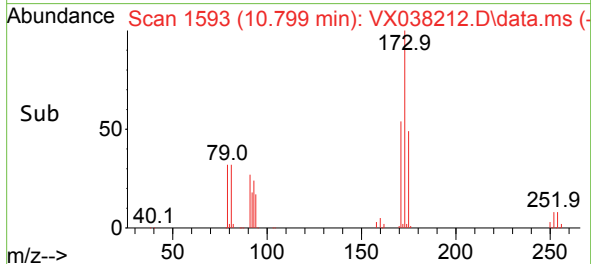
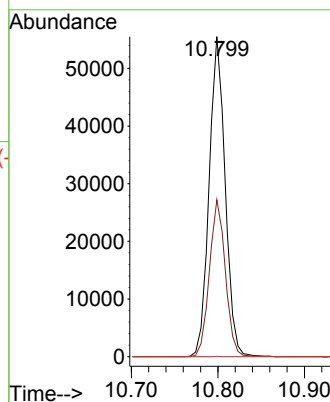
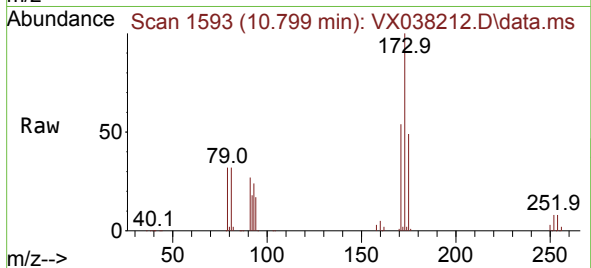
Tgt Ion:173 Resp: 71303

Ion Ratio Lower Upper

173 100

175 48.7 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: VX038212.D

Acq: 10 Oct 2023 19:24

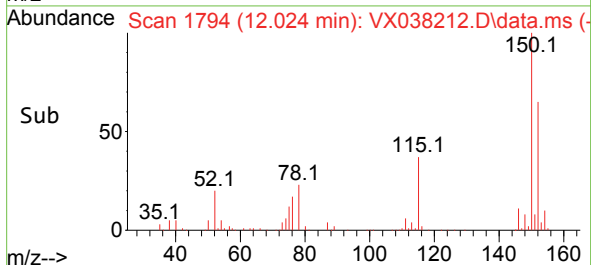
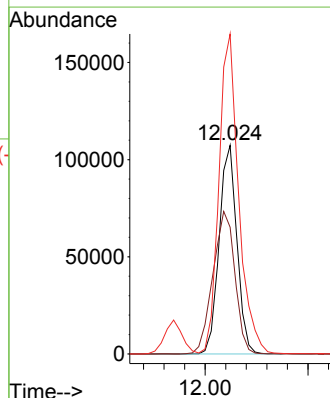
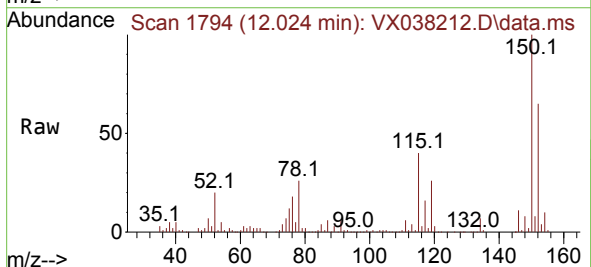
Tgt Ion:152 Resp: 128318

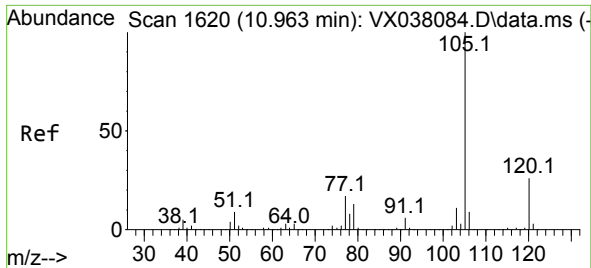
Ion Ratio Lower Upper

152 100

115 84.9 43.3 129.9

150 171.0 0.0 345.0

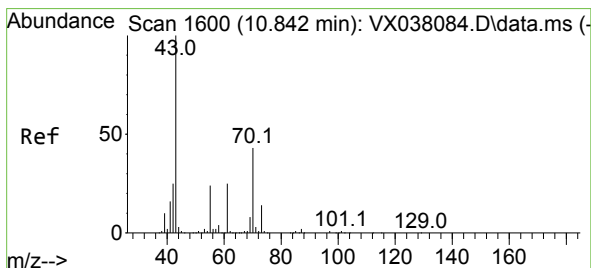
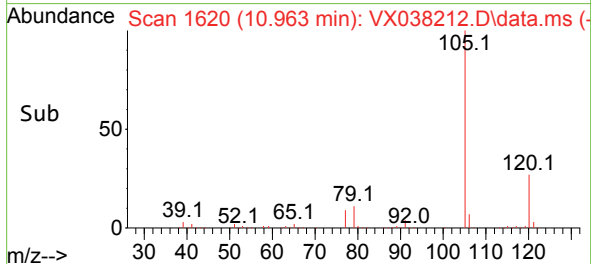
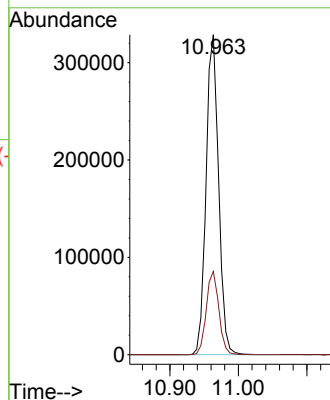
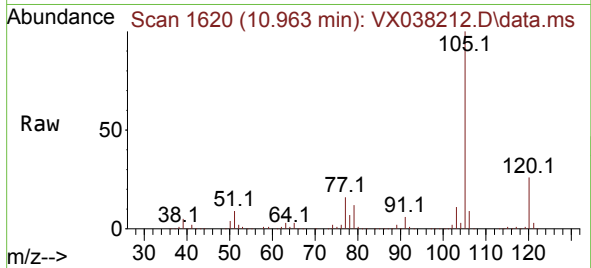




#73
Isopropylbenzene
Concen: 48.596 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038212.D
Acq: 10 Oct 2023 19:24

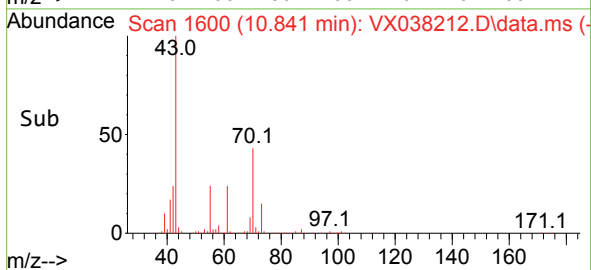
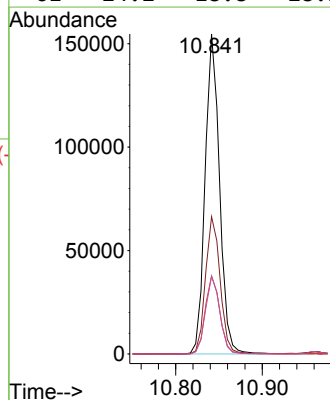
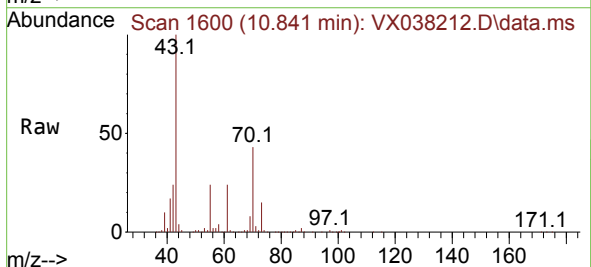
Instrument :
MSVOA_X
ClientSampleId :
GW-5-10-13MSD

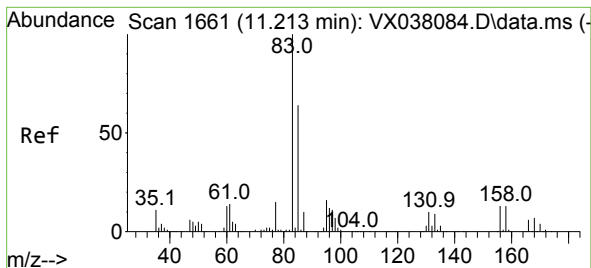
Tgt Ion:105 Resp: 418192
Ion Ratio Lower Upper
105 100
120 26.1 12.9 38.6



#74
N-ethyl acetate
Concen: 48.670 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.001 min
Lab File: VX038212.D
Acq: 10 Oct 2023 19:24

Tgt Ion: 43 Resp: 178852
Ion Ratio Lower Upper
43 100
70 43.7 32.9 49.3
55 24.9 19.3 28.9
61 24.2 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 51.862 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX038212.D

Acq: 10 Oct 2023 19:24

Instrument :

MSVOA_X

ClientSampleId :

GW-5-10-13MSD

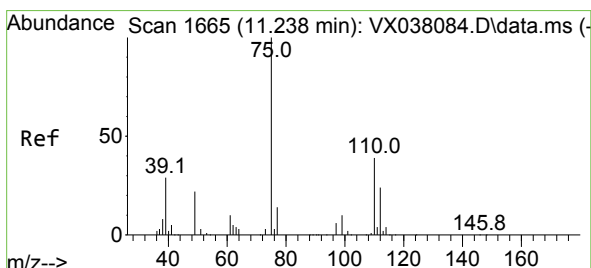
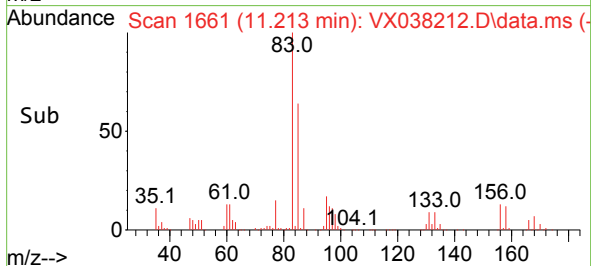
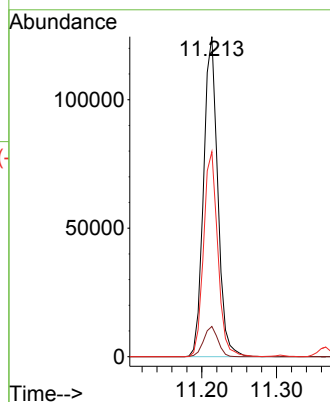
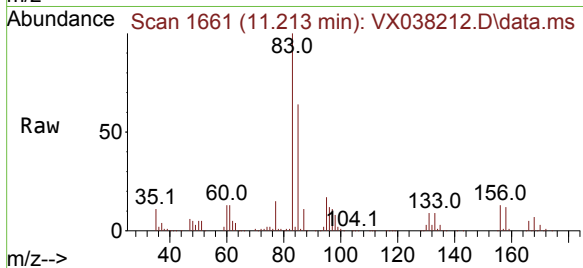
Tgt Ion: 83 Resp: 163765

Ion Ratio Lower Upper

83 100

131 9.5 5.3 15.8

85 64.5 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 59.952 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX038212.D

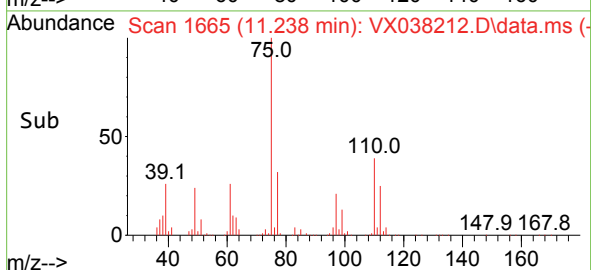
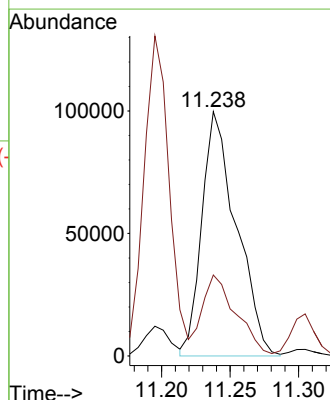
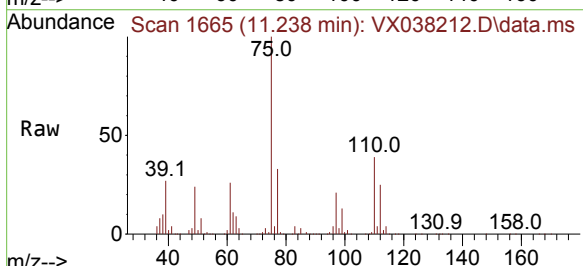
Acq: 10 Oct 2023 19:24

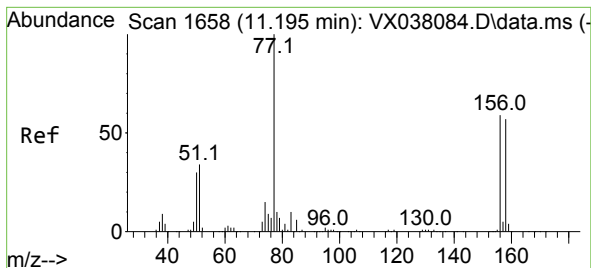
Tgt Ion: 75 Resp: 174890

Ion Ratio Lower Upper

75 100

77 32.5 19.1 57.5





#77

Bromobenzene

Concen: 48.849 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX038212.D

Acq: 10 Oct 2023 19:24

Instrument :

MSVOA_X

ClientSampleId :

GW-5-10-13MSD

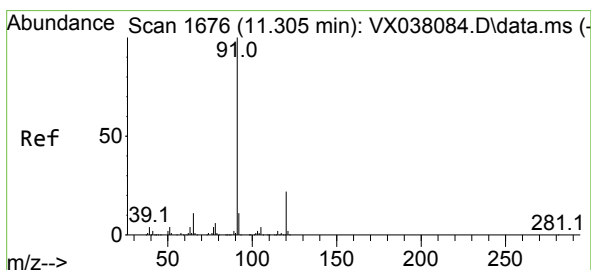
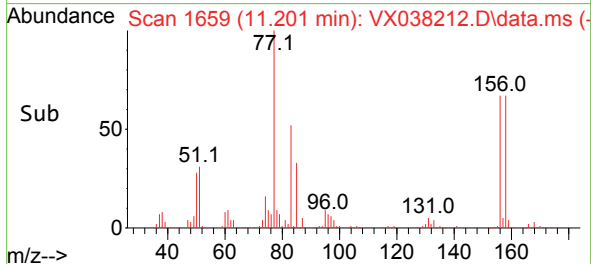
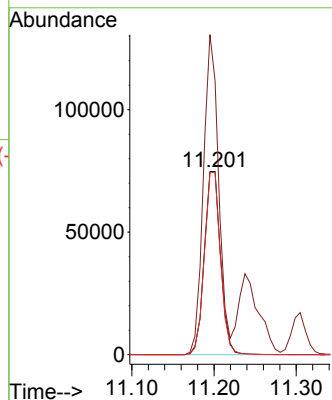
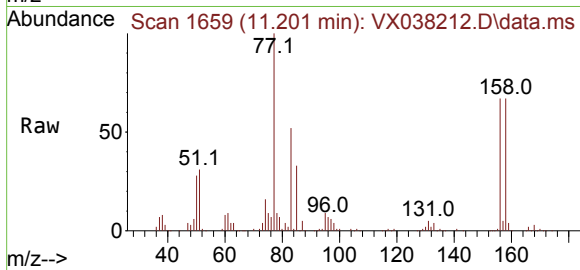
Tgt Ion:156 Resp: 102628

Ion Ratio Lower Upper

156 100

77 163.5 88.4 265.3

158 98.2 48.0 144.0



#78

n-propylbenzene

Concen: 48.396 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX038212.D

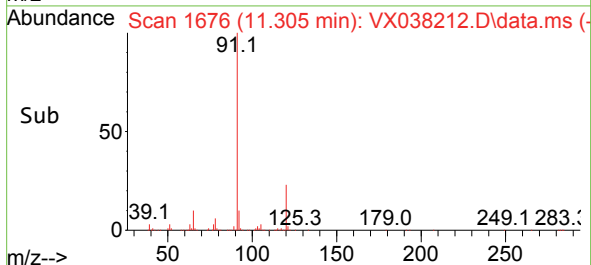
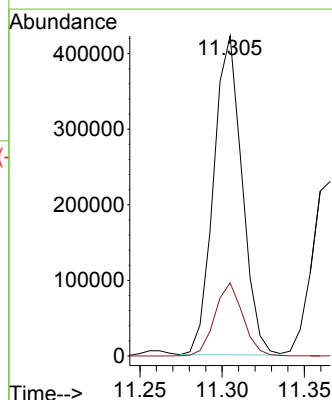
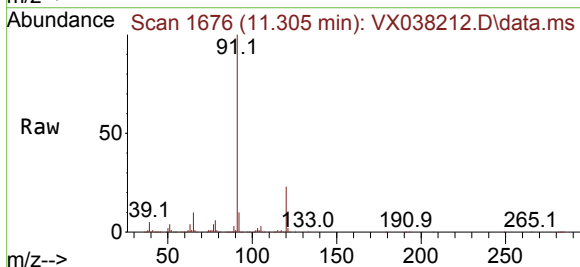
Acq: 10 Oct 2023 19:24

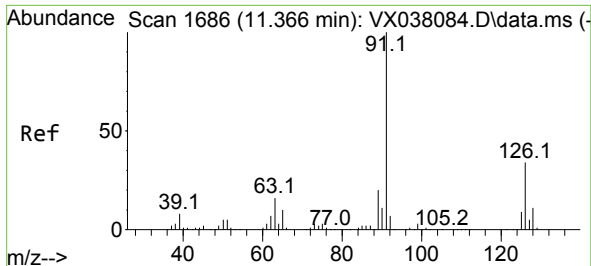
Tgt Ion: 91 Resp: 509231

Ion Ratio Lower Upper

91 100

120 22.6 11.5 34.4

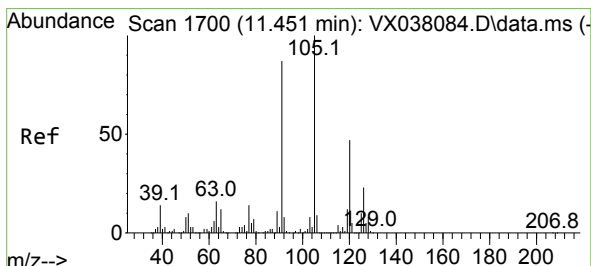
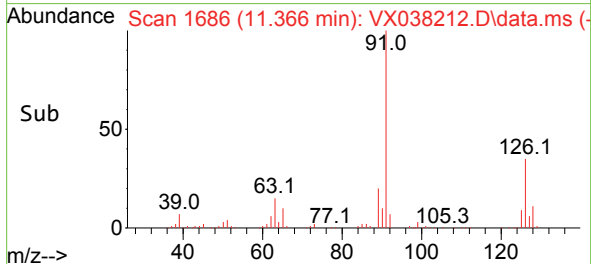
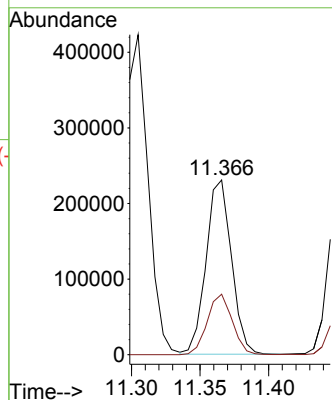
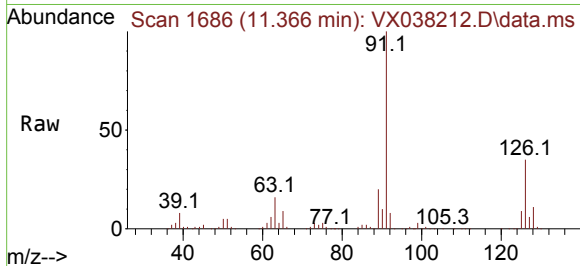




#79
2-Chlorotoluene
Concen: 47.527 ug/l
RT: 11.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038212.D
Acq: 10 Oct 2023 19:24

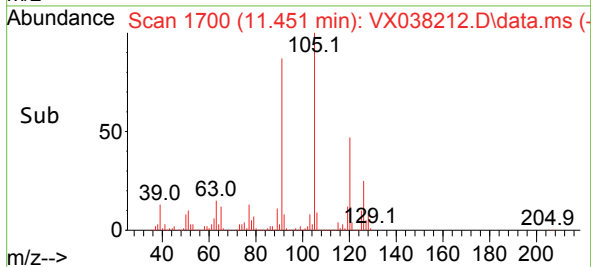
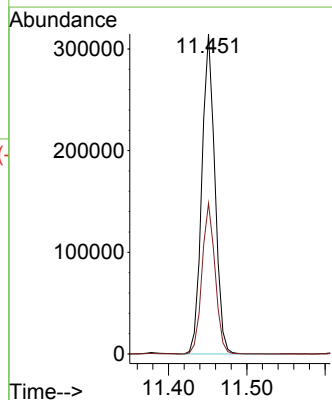
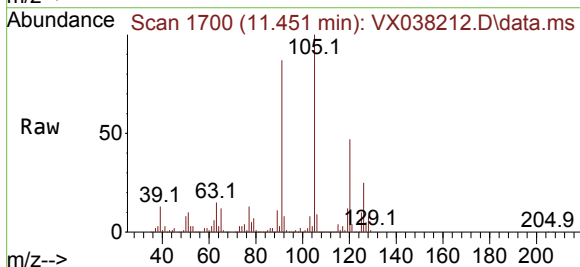
Instrument :
MSVOA_X
ClientSampleId :
GW-5-10-13MSD

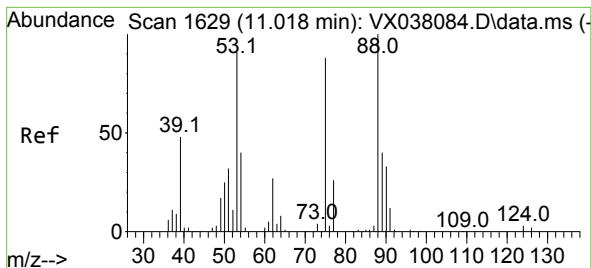
Tgt Ion: 91 Resp: 296576
Ion Ratio Lower Upper
91 100
126 34.3 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 49.130 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038212.D
Acq: 10 Oct 2023 19:24

Tgt Ion: 105 Resp: 364749
Ion Ratio Lower Upper
105 100
120 47.2 24.1 72.3

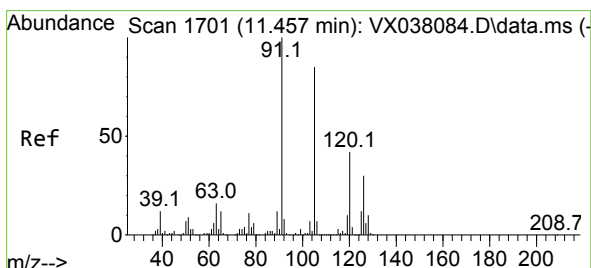
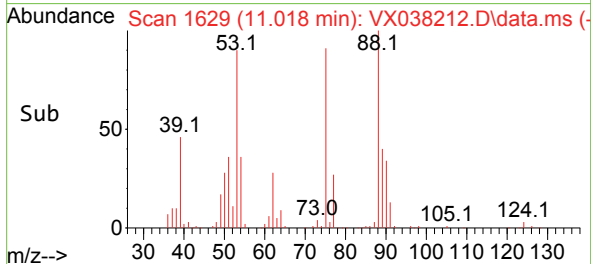
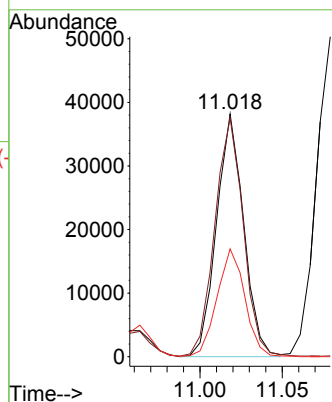
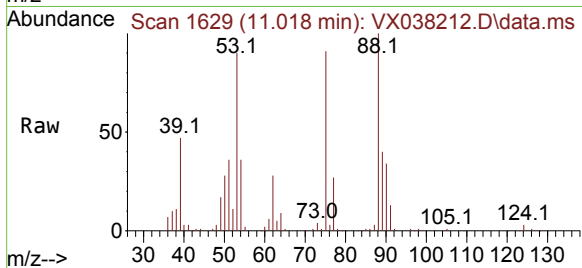




#81
trans-1,4-Dichloro-2-butene
Concen: 44.543 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038212.D
Acq: 10 Oct 2023 19:24

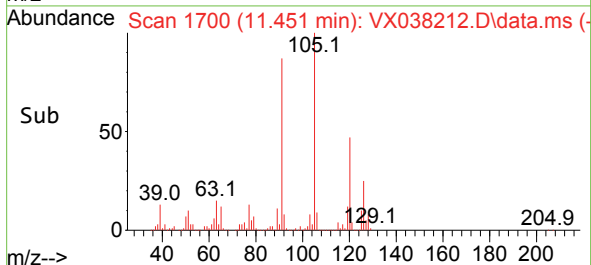
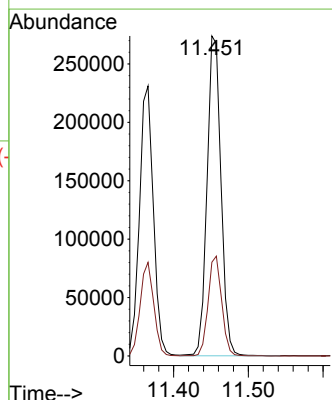
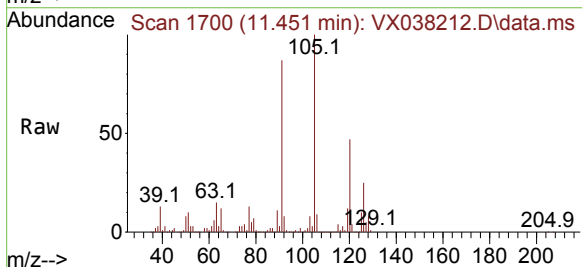
Instrument :
MSVOA_X
ClientSampleId :
GW-5-10-13MSD

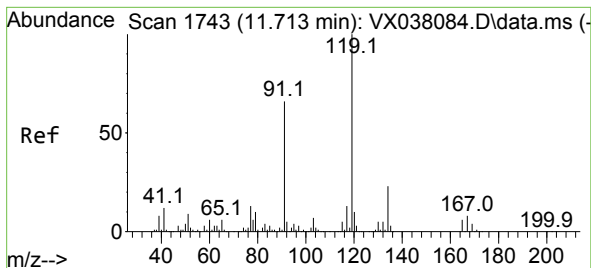
Tgt Ion: 75 Resp: 44022
Ion Ratio Lower Upper
75 100
53 101.8 90.5 135.7
89 45.4 36.9 55.3



#82
4-Chlorotoluene
Concen: 47.969 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX038212.D
Acq: 10 Oct 2023 19:24

Tgt Ion: 91 Resp: 354216
Ion Ratio Lower Upper
91 100
126 30.5 14.2 42.6





#83

tert-Butylbenzene

Concen: 51.204 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX038212.D

Acq: 10 Oct 2023 19:24

Instrument :

MSVOA_X

ClientSampleId :

GW-5-10-13MSD

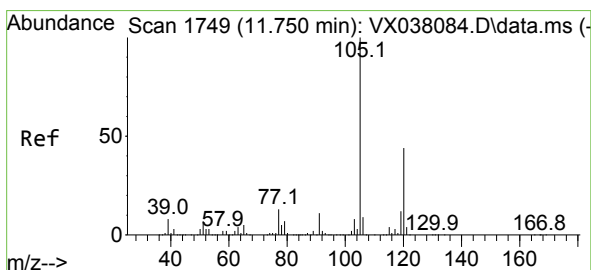
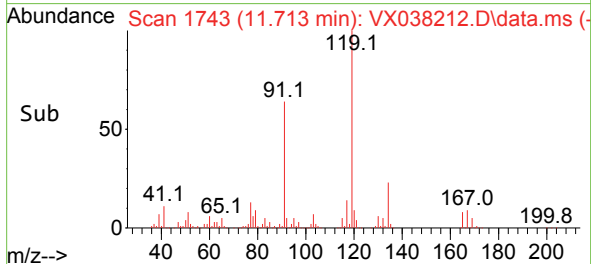
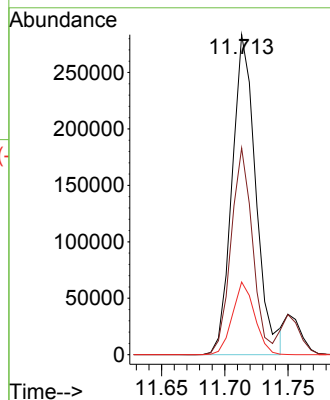
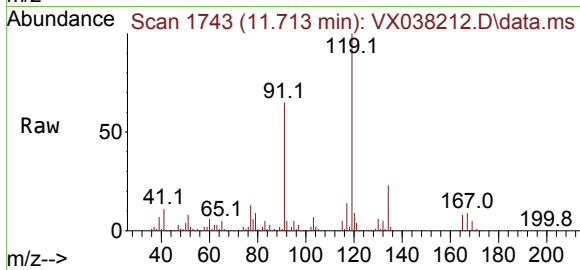
Tgt Ion:119 Resp: 371451

Ion Ratio Lower Upper

119 100

91 58.7 31.2 93.6

134 21.3 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 50.081 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX038212.D

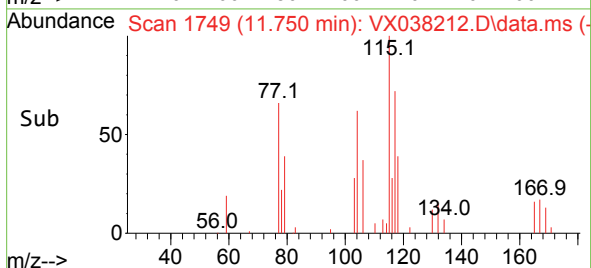
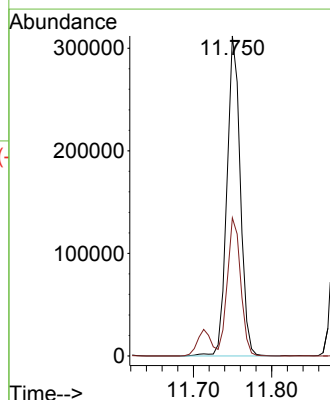
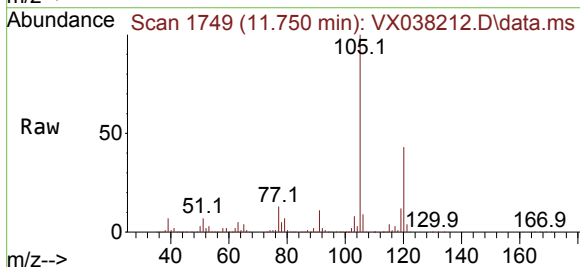
Acq: 10 Oct 2023 19:24

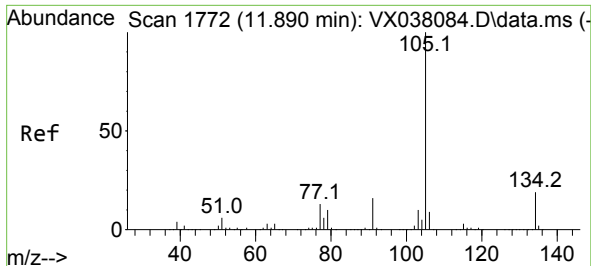
Tgt Ion:105 Resp: 370718

Ion Ratio Lower Upper

105 100

120 43.0 21.2 63.6

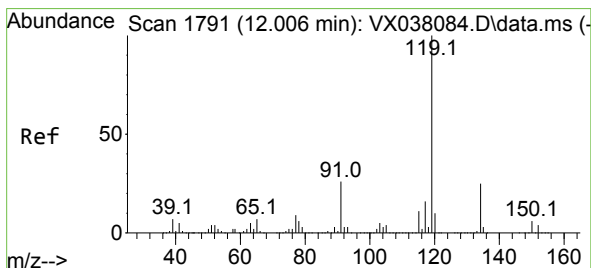
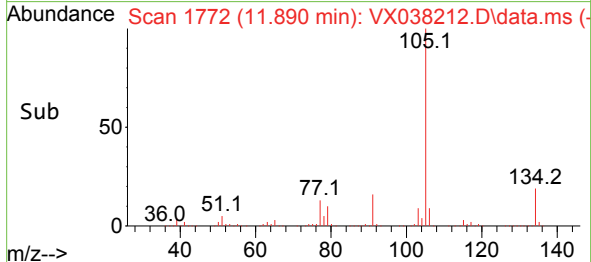
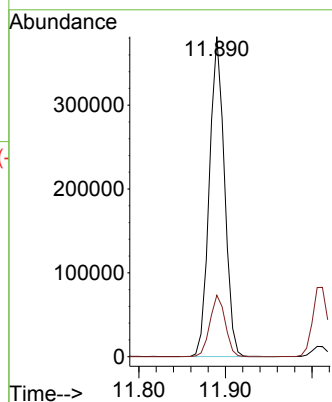
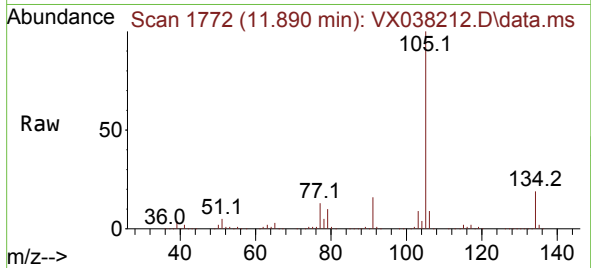




#85
 sec-Butylbenzene
 Concen: 49.152 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038212.D
 Acq: 10 Oct 2023 19:24

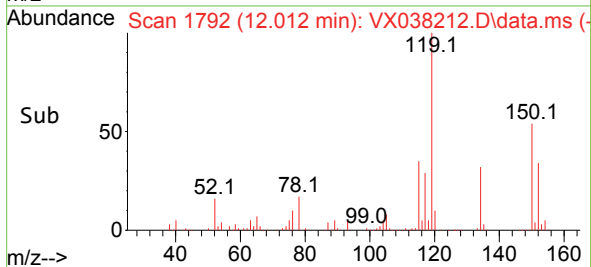
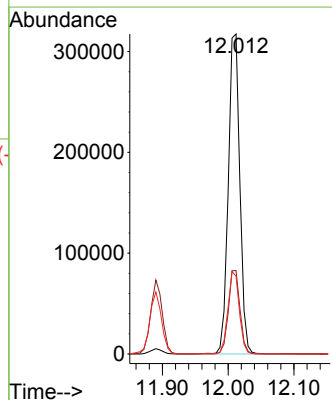
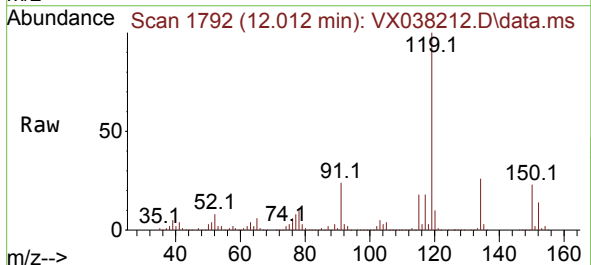
Instrument :
 MSVOA_X
 ClientSampleId :
 GW-5-10-13MSD

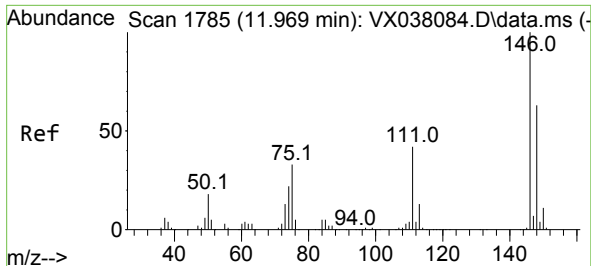
Tgt Ion:105 Resp: 461893
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 49.994 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX038212.D
 Acq: 10 Oct 2023 19:24

Tgt Ion:119 Resp: 387615
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.8 38.3
 91 25.3 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 48.769 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038212.D

Acq: 10 Oct 2023 19:24

Instrument :

MSVOA_X

ClientSampleId :

GW-5-10-13MSD

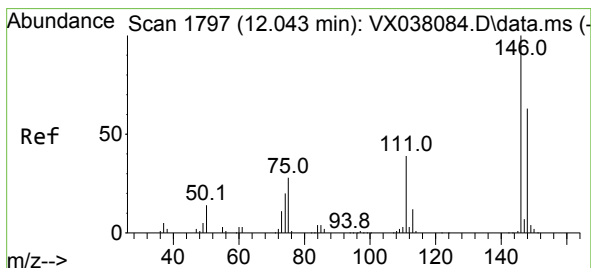
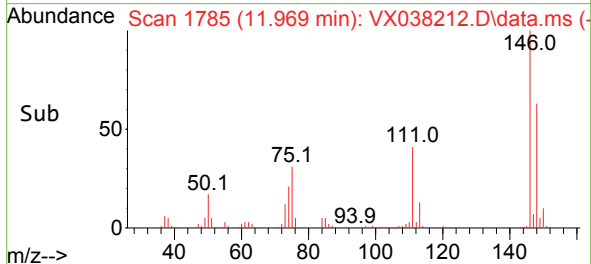
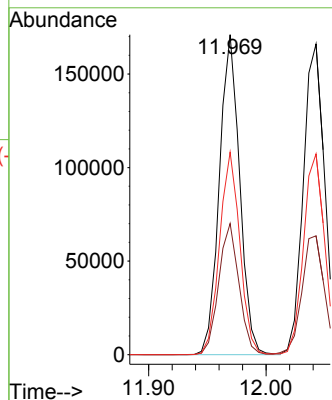
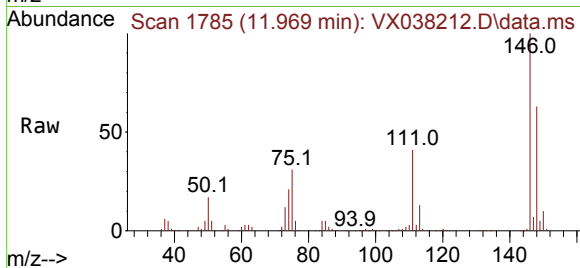
Tgt Ion:146 Resp: 205797

Ion Ratio Lower Upper

146 100

111 41.0 22.1 66.1

148 63.4 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 48.771 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.001 min

Lab File: VX038212.D

Acq: 10 Oct 2023 19:24

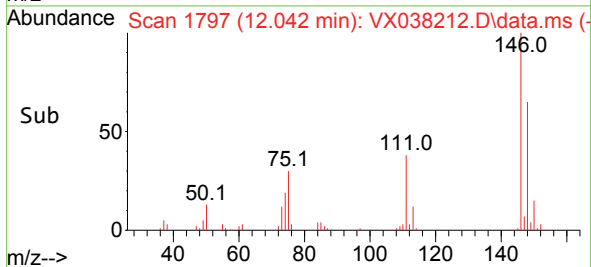
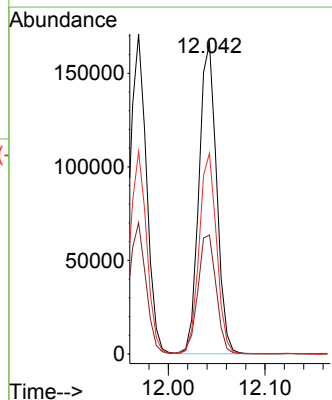
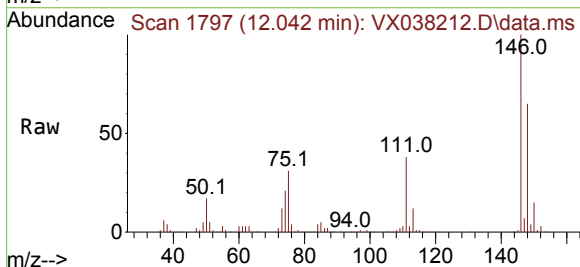
Tgt Ion:146 Resp: 210111

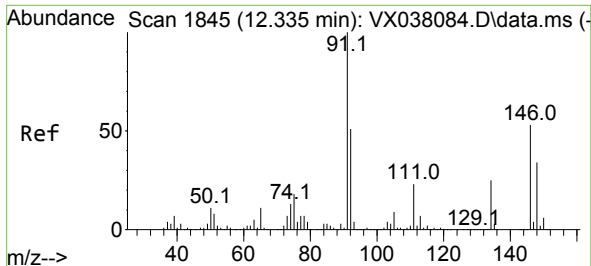
Ion Ratio Lower Upper

146 100

111 40.0 21.3 63.7

148 63.9 31.8 95.4





#89

n-Butylbenzene

Concen: 47.397 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX038212.D

Acq: 10 Oct 2023 19:24

Instrument :

MSVOA_X

ClientSampleId :

GW-5-10-13MSD

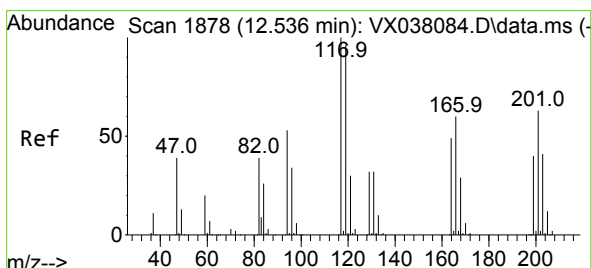
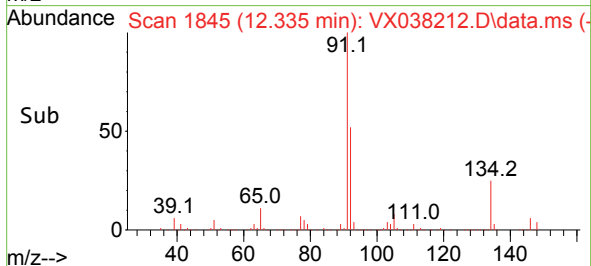
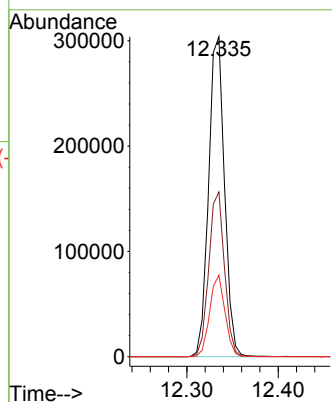
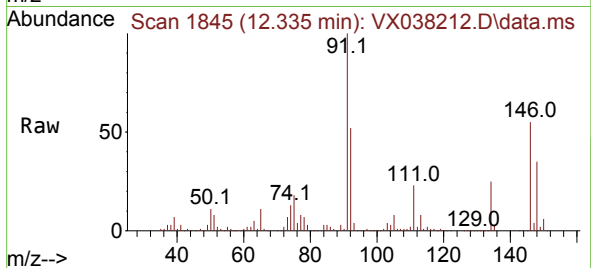
Tgt Ion: 91 Resp: 365978

Ion Ratio Lower Upper

91 100

92 51.1 27.4 82.0

134 24.6 12.6 37.8



#90

Hexachloroethane

Concen: 51.923 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX038212.D

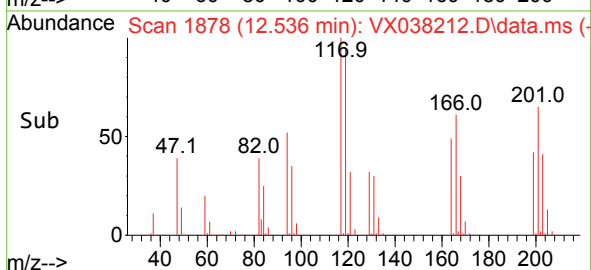
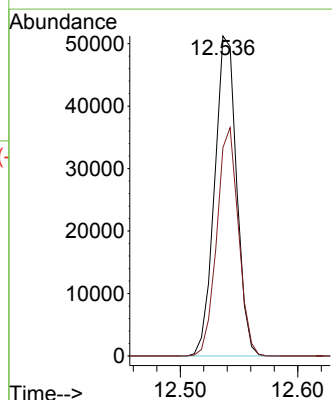
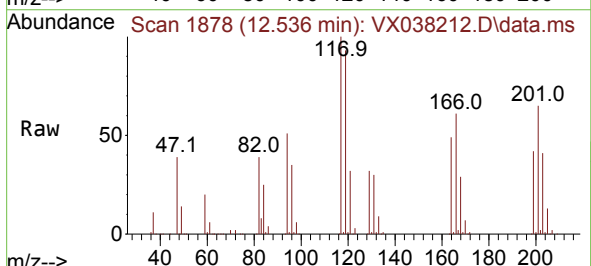
Acq: 10 Oct 2023 19:24

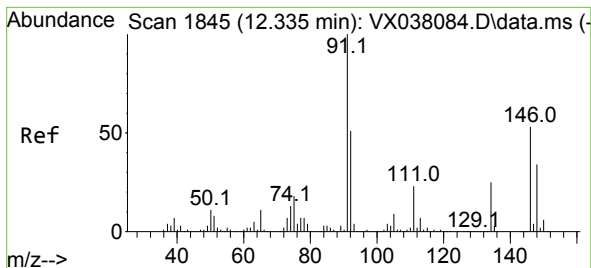
Tgt Ion: 117 Resp: 66747

Ion Ratio Lower Upper

117 100

201 70.2 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 49.550 ug/l

RT: 12.335 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038212.D

Acq: 10 Oct 2023 19:24

Instrument :

MSVOA_X

ClientSampleId :

GW-5-10-13MSD

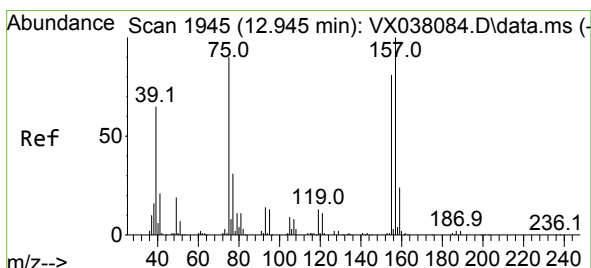
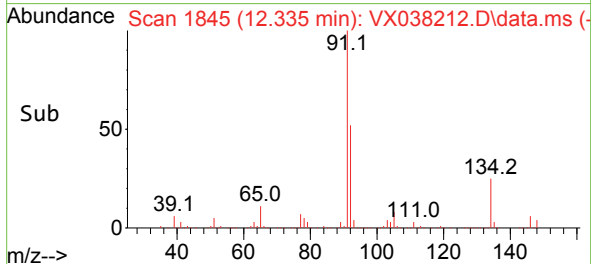
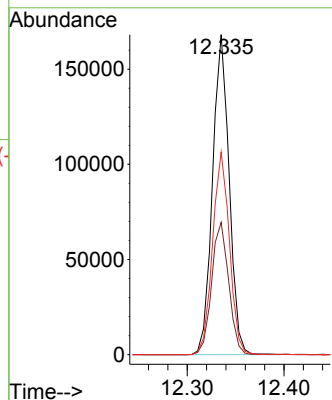
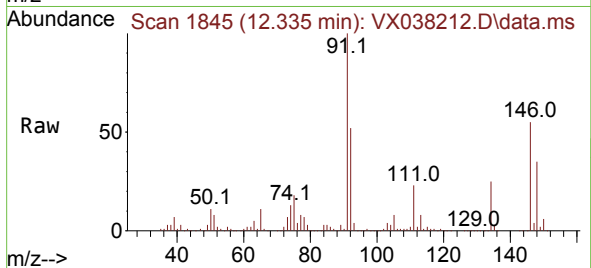
Tgt Ion:146 Resp: 200984

Ion Ratio Lower Upper

146 100

111 42.5 22.4 67.0

148 64.3 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.987 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX038212.D

Acq: 10 Oct 2023 19:24

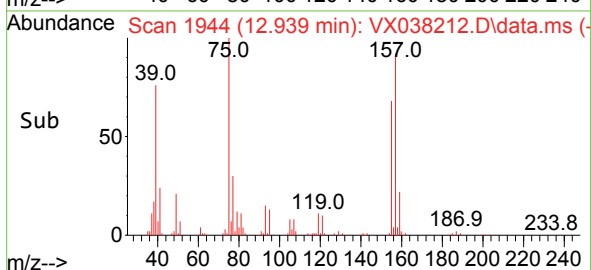
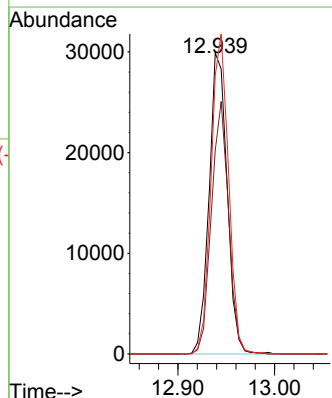
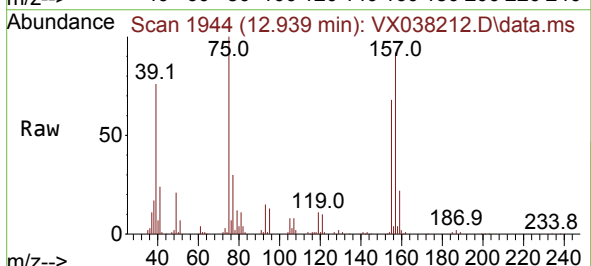
Tgt Ion: 75 Resp: 38927

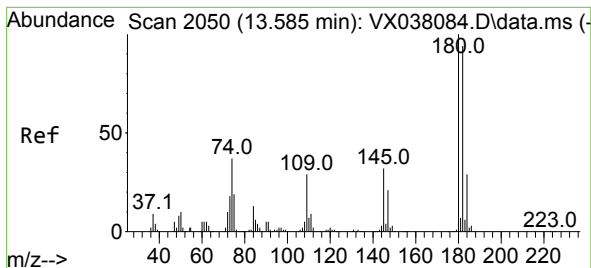
Ion Ratio Lower Upper

75 100

155 79.7 36.1 108.5

157 102.5 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 46.935 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX038212.D

Acq: 10 Oct 2023 19:24

Instrument :

MSVOA_X

ClientSampleId :

GW-5-10-13MSD

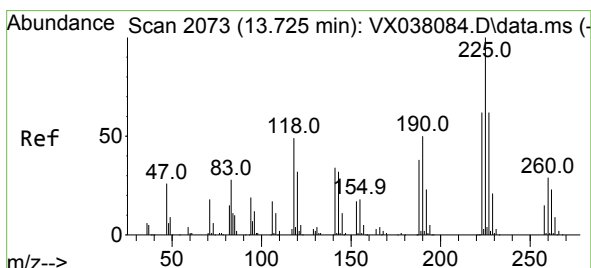
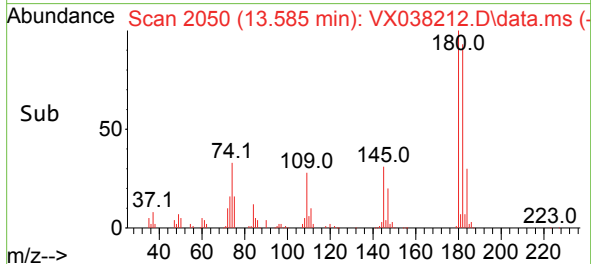
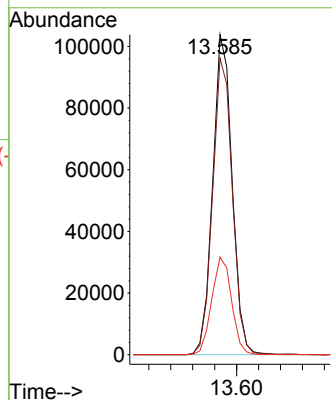
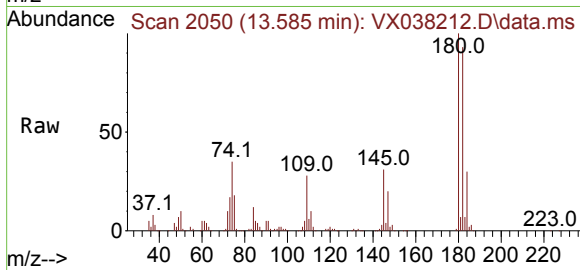
Tgt Ion:180 Resp: 127689

Ion Ratio Lower Upper

180 100

182 93.9 48.3 144.8

145 31.2 18.0 54.0



#94

Hexachlorobutadiene

Concen: 46.657 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX038212.D

Acq: 10 Oct 2023 19:24

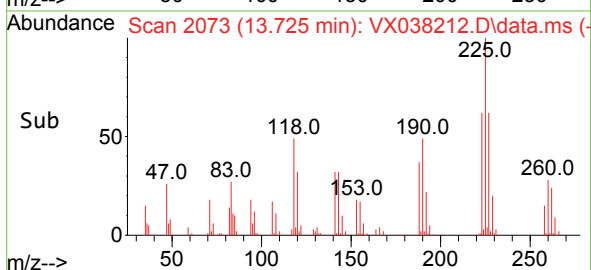
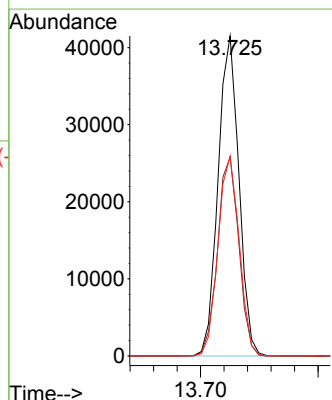
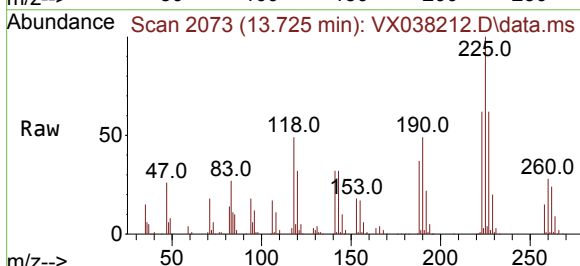
Tgt Ion:225 Resp: 51089

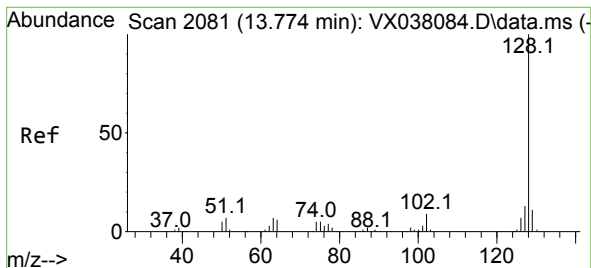
Ion Ratio Lower Upper

225 100

223 63.1 31.1 93.2

227 63.5 32.5 97.5





#95

Naphthalene

Concen: 47.120 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX038212.D

Acq: 10 Oct 2023 19:24

Instrument :

MSVOA_X

ClientSampleId :

GW-5-10-13MSD

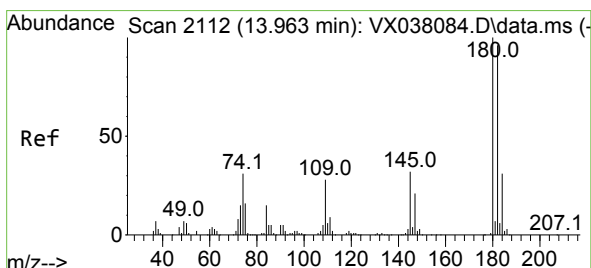
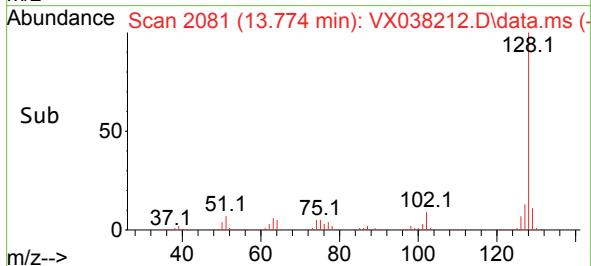
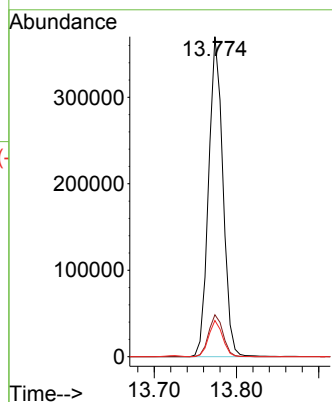
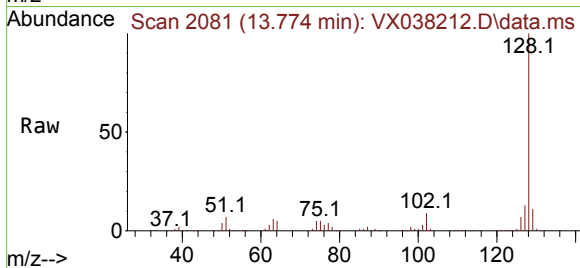
Tgt Ion:128 Resp: 446426

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 46.893 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX038212.D

Acq: 10 Oct 2023 19:24

Tgt Ion:180 Resp: 123526

Ion Ratio Lower Upper

180 100

182 95.1 46.9 140.6

145 33.0 17.8 53.5

