

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101023\
 Data File : VX038197.D
 Acq On : 10 Oct 2023 13:36
 Operator : JC/MD
 Sample : 04782-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-3-10-13

Quant Time: Oct 11 01:37:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	115381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	203141	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	199638	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	127572	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85832	46.250	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.500%
35) Dibromofluoromethane	5.391	113	66294	45.290	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.580%
50) Toluene-d8	8.647	98	253153	45.259	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.520%#
62) 4-Bromofluorobenzene	11.079	95	122354	57.700	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	115.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	476	0.419	ug/l	89
4) Vinyl Chloride	1.374	62	638	0.507	ug/l	99
5) Bromomethane	1.648	94	20	Below Cal	#	3
6) Chloroethane	1.691	64	411	Below Cal	#	43
16) Acetone	2.380	43	2201	2.842	ug/l	97
17) Carbon Disulfide	2.508	76	1256	0.413	ug/l	99
20) Methylene Chloride	2.794	84	536	0.368	ug/l	# 68
27) cis-1,2-Dichloroethene	4.489	96	346	0.222	ug/l	90
31) Cyclohexane	5.483	56	445	0.221	ug/l	# 68
36) 1,1-Dichloropropene	5.550	75	9766	4.838	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	11703	5.894	ug/l	# 17
39) Methylcyclohexane	7.379	83	3083	1.304	ug/l	95
51) 4-Methyl-2-Pentanone	8.580	43	611	0.248	ug/l	# 69
52) Toluene	8.720	92	2415	0.657	ug/l	92
55) 1,1,2-Trichloroethane	9.110	97	2348	1.493	ug/l	# 19
66) 1,1,1,2-Tetrachloroethane	10.323	131	305	0.216	ug/l	# 9
67) Ethyl Benzene	10.201	91	11482570	1539.875	ug/l	# 67
68) m/p-Xylenes	10.317	106	17228324	5975.218	ug/l	# 1
69) o-Xylene	10.646	106	2029428	721.170	ug/l	93
70) Styrene	10.646	104	104434	22.788	ug/l	# 1
73) Isopropylbenzene	10.963	105	2646660	309.357	ug/l	98
74) N-amyl acetate	10.963	43	7321	2.004	ug/l	# 24
76) 1,2,3-Trichloropropane	11.305	75	4027	1.389	ug/l	# 1
78) n-propylbenzene	11.305	91	629768	60.201	ug/l	99
79) 2-Chlorotoluene	11.378	91	78628	12.674	ug/l	# 42
80) 1,3,5-Trimethylbenzene	11.451	105	149119	20.203	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.963	75	33178	34.743	ug/l	# 56
82) 4-Chlorotoluene	11.378	91	78628	10.710	ug/l	# 47
83) tert-Butylbenzene	11.713	119	3866	0.536	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	562426	76.424	ug/l	97
85) sec-Butylbenzene	11.750	105	562426	60.200	ug/l	# 57
86) p-Isopropyltoluene	12.177	119	7478	0.970	ug/l	99
89) n-Butylbenzene	12.335	91	6533	0.851	ug/l	# 48
90) Hexachloroethane	12.609	117	1344	1.052	ug/l	# 17
91) 1,2-Dichlorobenzene	12.335	146	2704	0.671	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.951	75	342	0.451	ug/l	# 9

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101023\
Data File : VX038197.D
Acq On : 10 Oct 2023 13:36
Operator : JC/MD
Sample : 04782-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GW-3-10-13

Quant Time: Oct 11 01:37:16 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

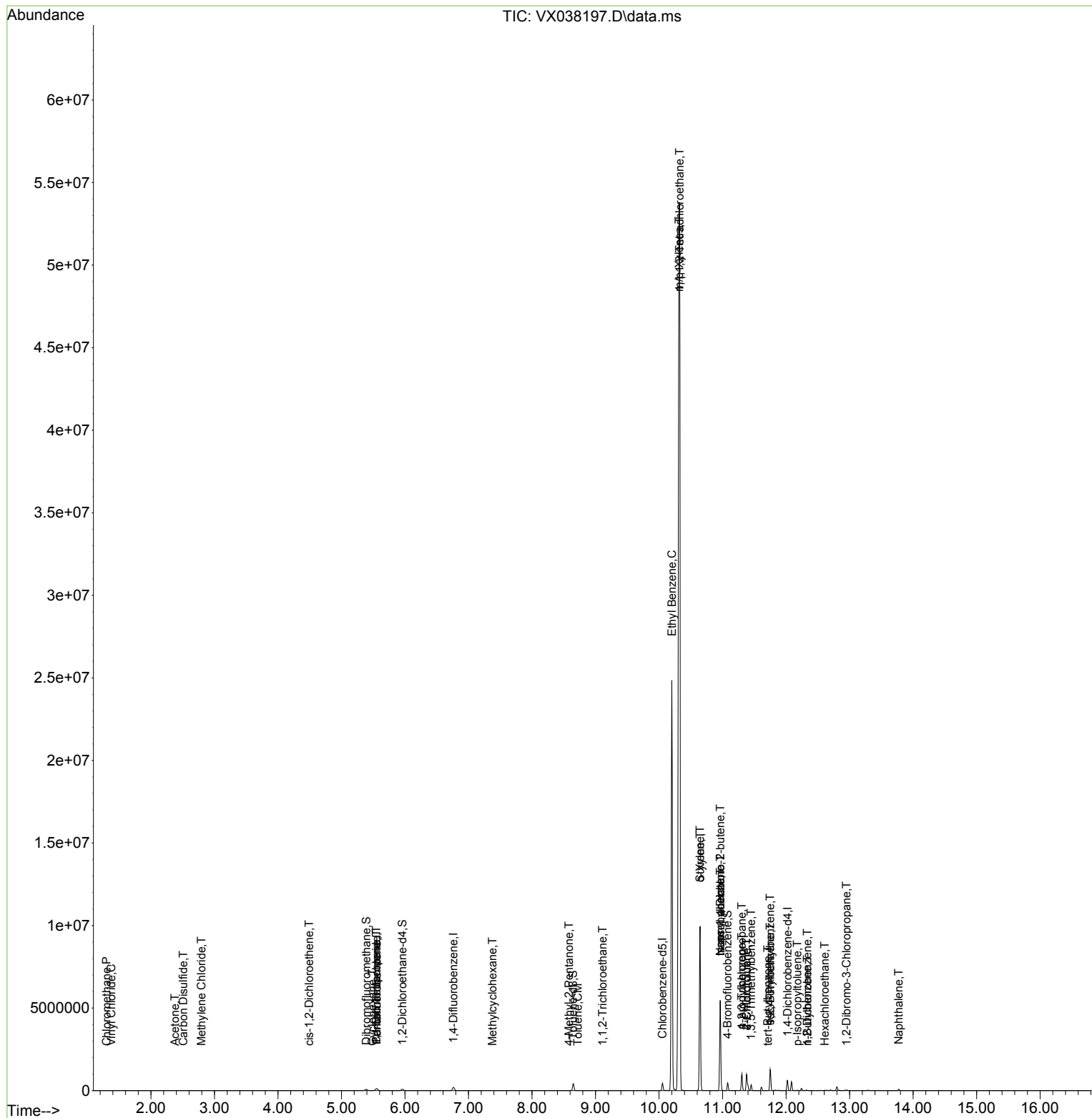
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.774	128	56187	5.965	ug/l	99

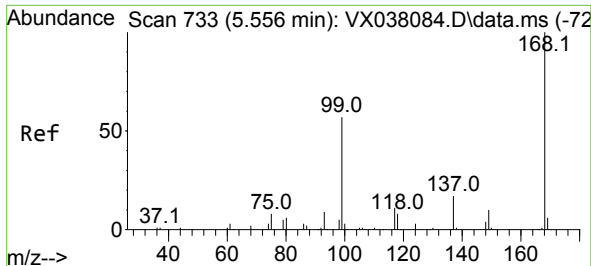
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101023\
Data File : VX038197.D
Acq On : 10 Oct 2023 13:36
Operator : JC/MD
Sample : 04782-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GW-3-10-13

Quant Time: Oct 11 01:37:16 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

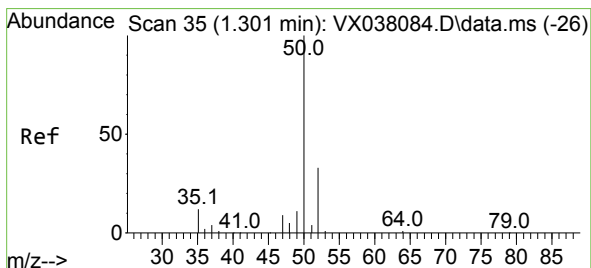
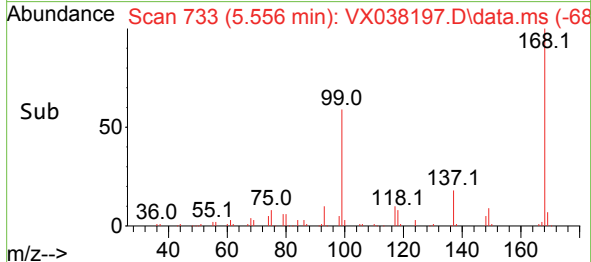
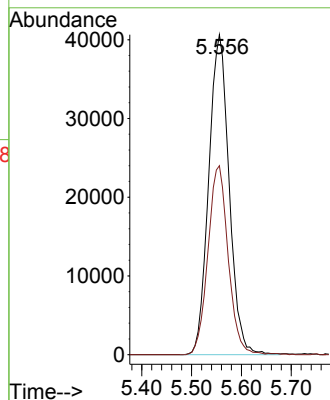
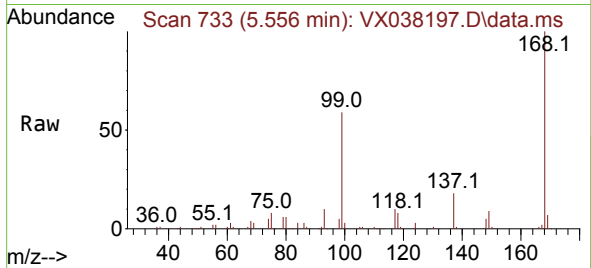




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038197.D
Acq: 10 Oct 2023 13:36

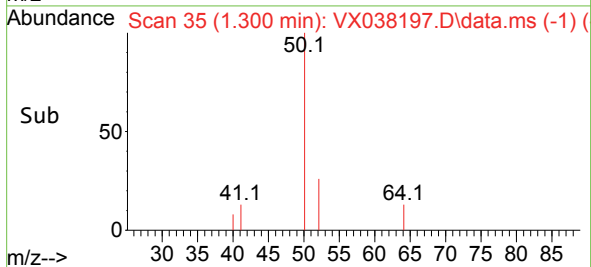
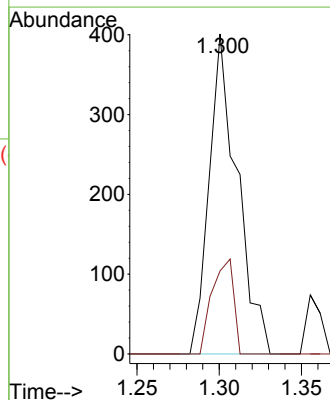
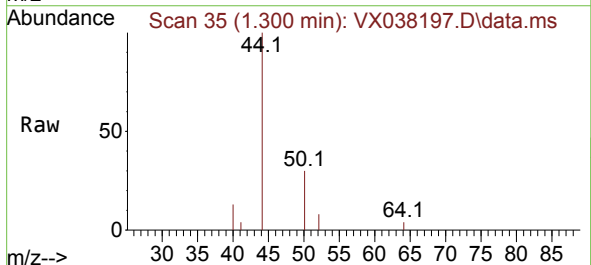
Instrument :
MSVOA_X
ClientSampleId :
GW-3-10-13

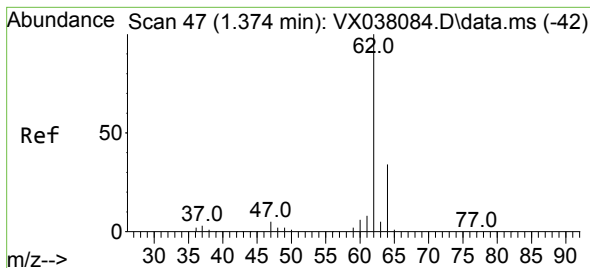
Tgt Ion:168 Resp: 115381
Ion Ratio Lower Upper
168 100
99 59.1 56.6 85.0



#3
Chloromethane
Concen: 0.419 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.001 min
Lab File: VX038197.D
Acq: 10 Oct 2023 13:36

Tgt Ion: 50 Resp: 476
Ion Ratio Lower Upper
50 100
52 25.9 25.5 38.3

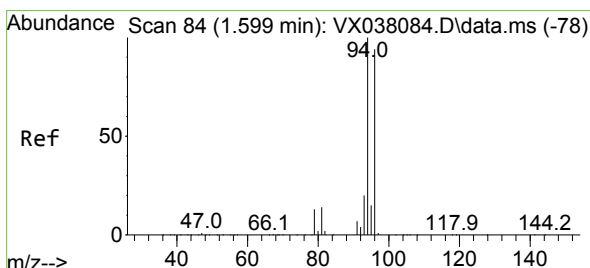
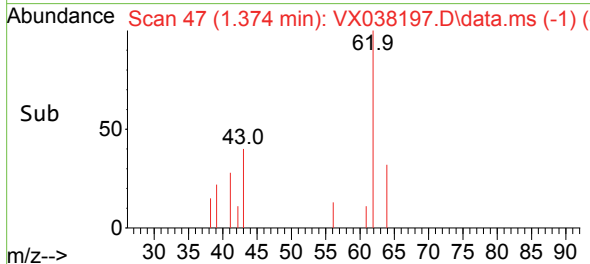
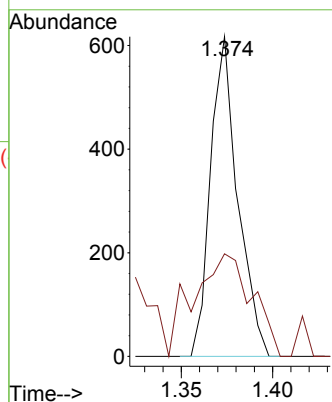
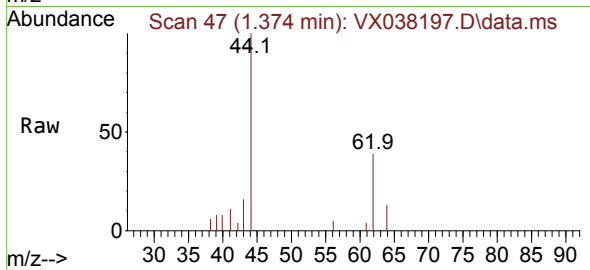




#4
 Vinyl Chloride
 Concen: 0.507 ug/l
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX038197.D
 Acq: 10 Oct 2023 13:36

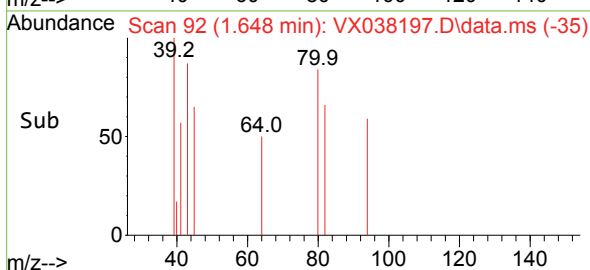
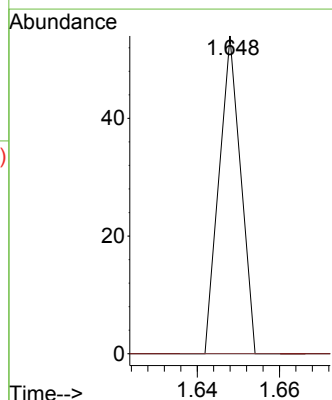
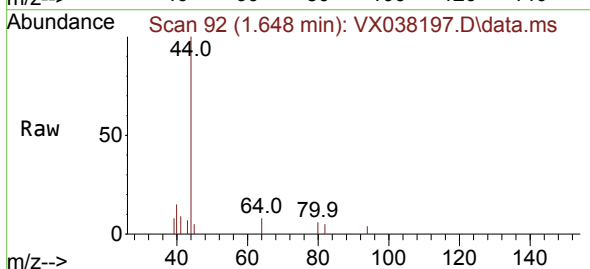
Instrument :
 MSVOA_X
 ClientSampleId :
 GW-3-10-13

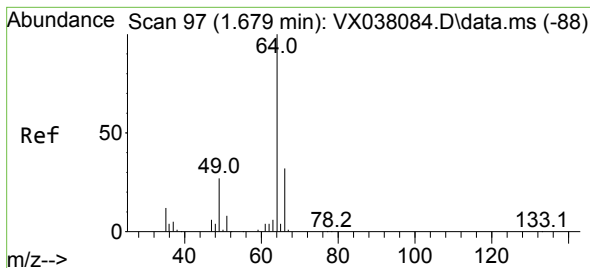
Tgt Ion: 62 Resp: 638
 Ion Ratio Lower Upper
 62 100
 64 32.1 25.4 38.0



#5
 Bromomethane
 Concen: Below Cal
 RT: 1.648 min Scan# 92
 Delta R.T. 0.049 min
 Lab File: VX038197.D
 Acq: 10 Oct 2023 13:36

Tgt Ion: 94 Resp: 20
 Ion Ratio Lower Upper
 94 100
 96 0.0 74.6 111.8#

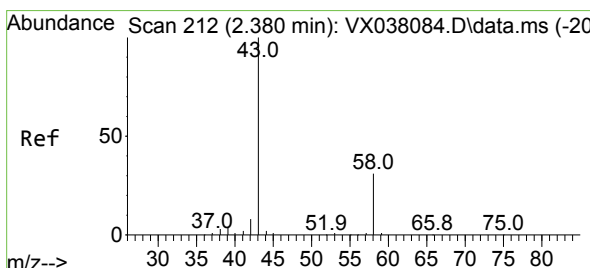
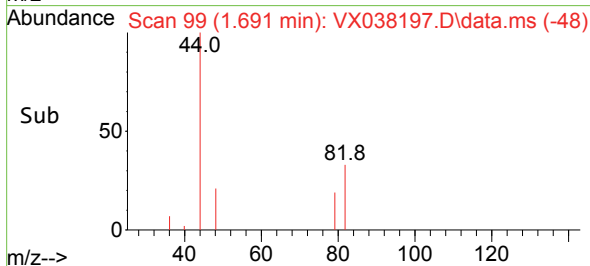
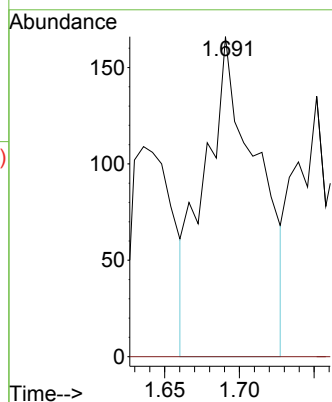
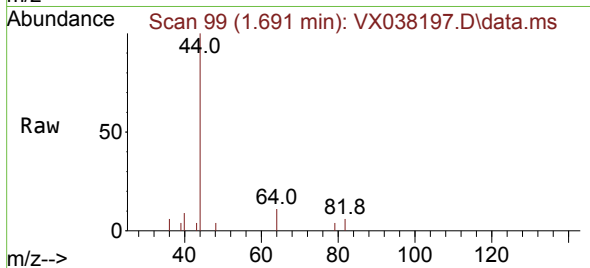




#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX038197.D
Acq: 10 Oct 2023 13:36

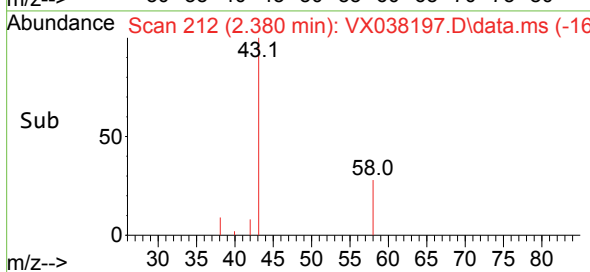
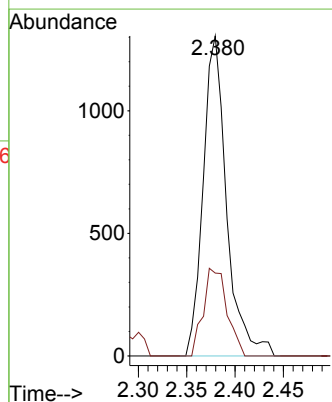
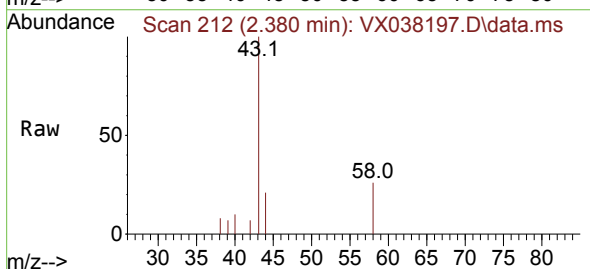
Instrument :
MSVOA_X
ClientSampleId :
GW-3-10-13

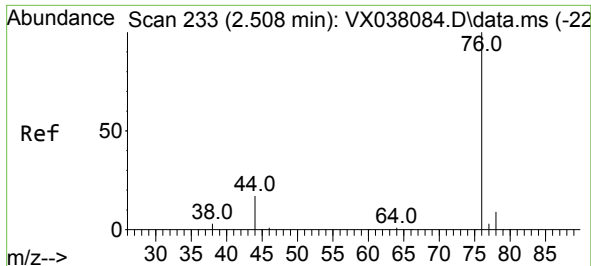
Tgt Ion: 64 Resp: 411
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#16
Acetone
Concen: 2.842 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038197.D
Acq: 10 Oct 2023 13:36

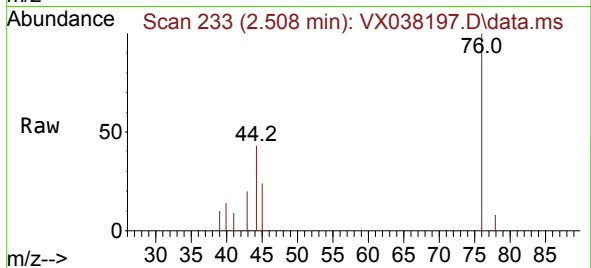
Tgt Ion: 43 Resp: 2201
Ion Ratio Lower Upper
43 100
58 25.9 21.9 32.9



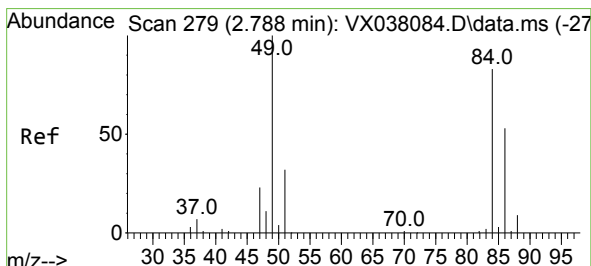
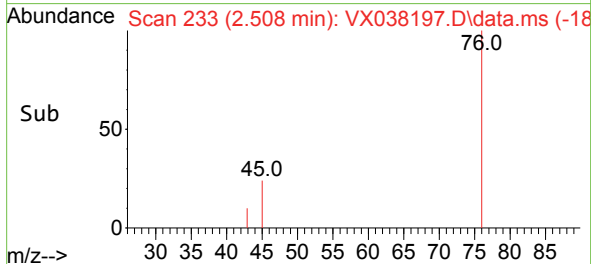
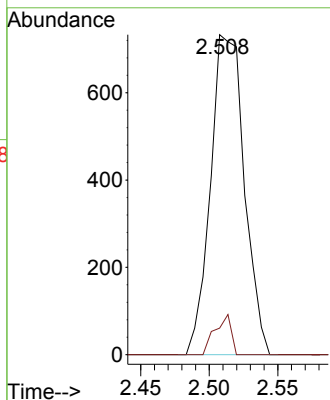


#17
Carbon Disulfide
Concen: 0.413 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX038197.D
Acq: 10 Oct 2023 13:36

Instrument :
MSVOA_X
ClientSampleId :
GW-3-10-13

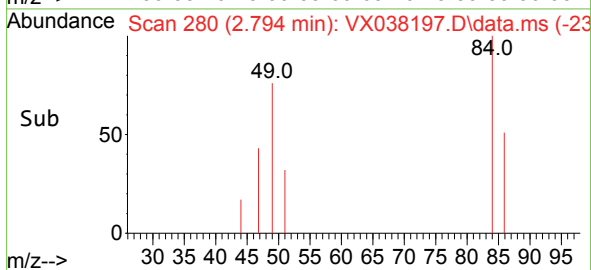
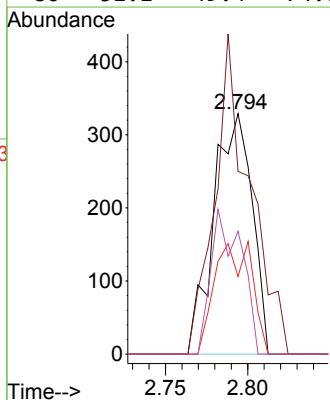
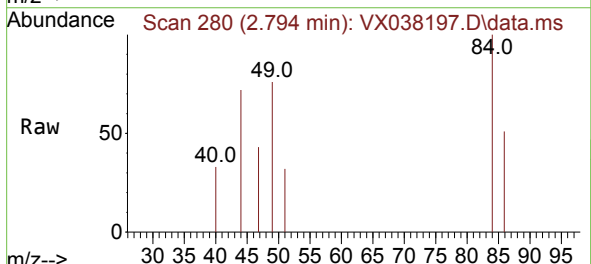


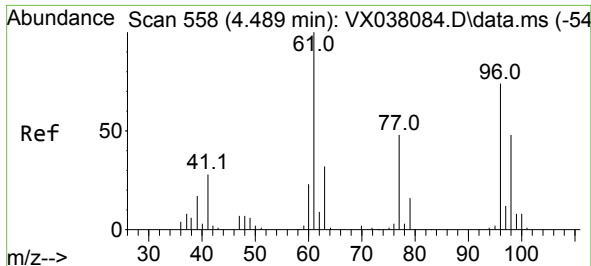
Tgt Ion: 76 Resp: 1256
Ion Ratio Lower Upper
76 100
78 8.3 7.0 10.6



#20
Methylene Chloride
Concen: 0.368 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038197.D
Acq: 10 Oct 2023 13:36

Tgt Ion: 84 Resp: 536
Ion Ratio Lower Upper
84 100
49 76.0 103.6 155.4#
51 32.2 33.8 50.6#
86 51.1 49.4 74.0





#27

cis-1,2-Dichloroethene

Concen: 0.222 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX038197.D

Acq: 10 Oct 2023 13:36

Instrument :

MSVOA_X

ClientSampleId :

GW-3-10-13

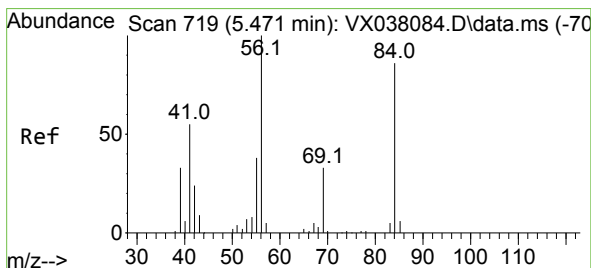
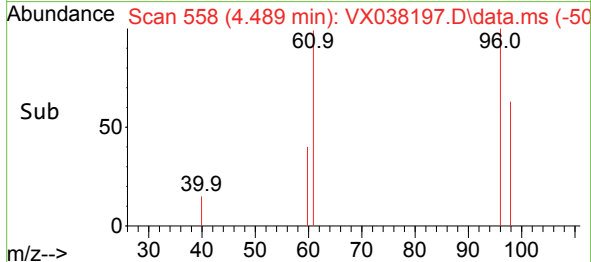
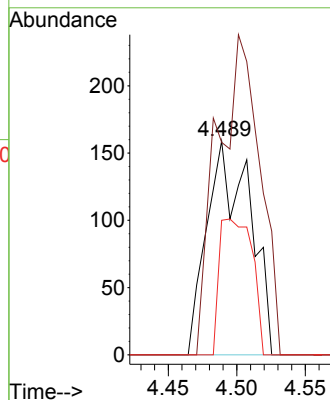
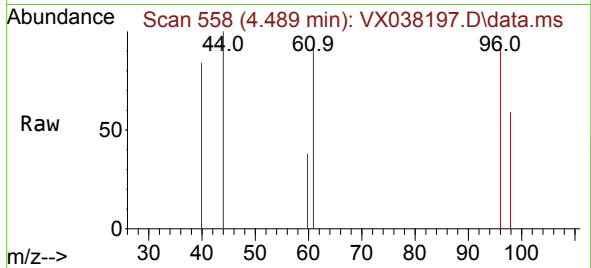
Tgt Ion: 96 Resp: 346

Ion Ratio Lower Upper

96 100

61 148.8 0.0 312.2

98 48.6 0.0 129.0



#31

Cyclohexane

Concen: 0.221 ug/l

RT: 5.483 min Scan# 721

Delta R.T. 0.012 min

Lab File: VX038197.D

Acq: 10 Oct 2023 13:36

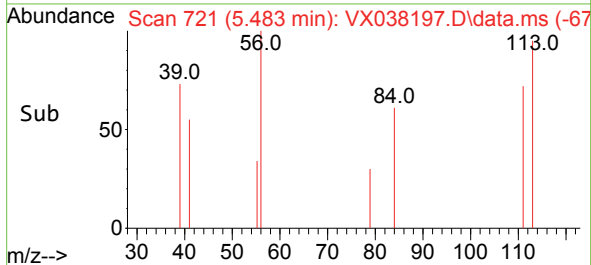
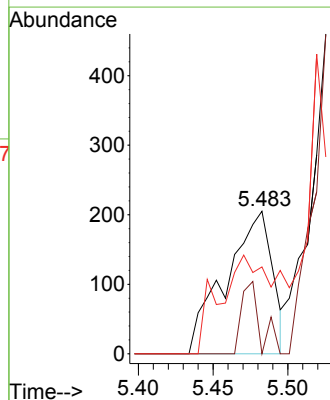
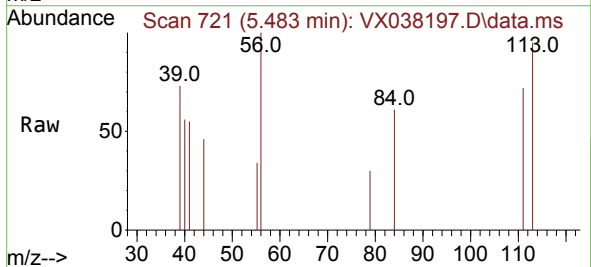
Tgt Ion: 56 Resp: 445

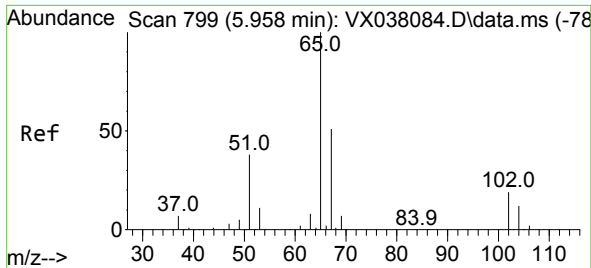
Ion Ratio Lower Upper

56 100

69 0.0 23.4 35.2#

84 61.0 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 46.250 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038197.D

Acq: 10 Oct 2023 13:36

Instrument :

MSVOA_X

ClientSampleId :

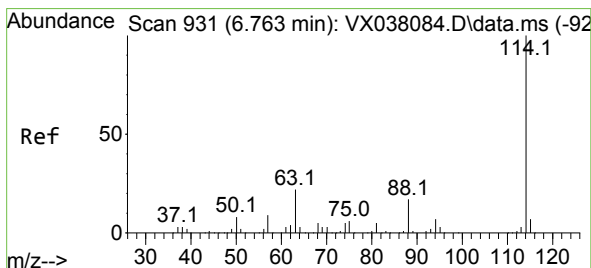
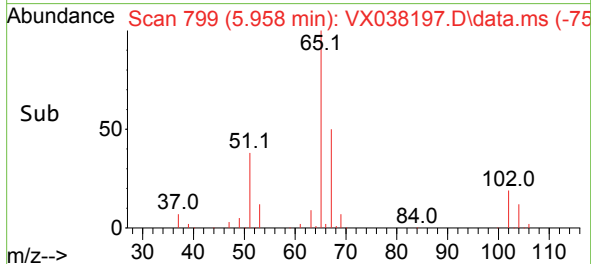
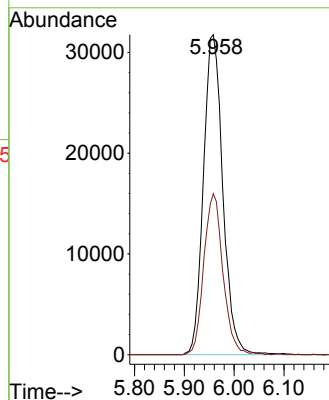
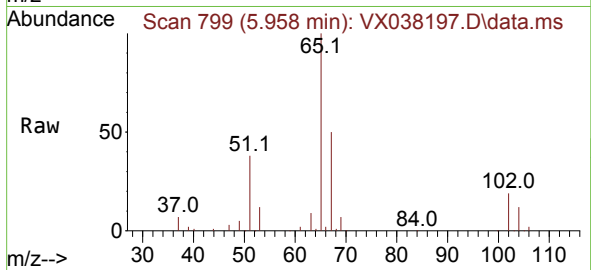
GW-3-10-13

Tgt Ion: 65 Resp: 85832

Ion Ratio Lower Upper

65 100

67 49.7 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: VX038197.D

Acq: 10 Oct 2023 13:36

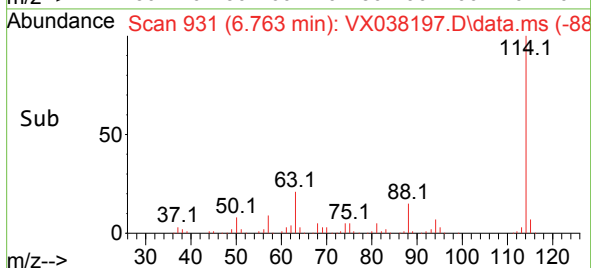
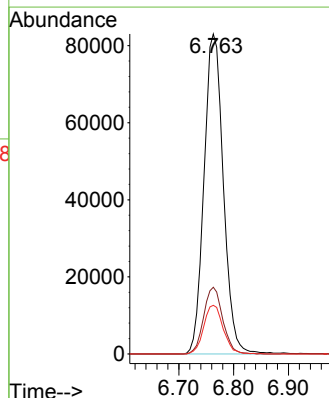
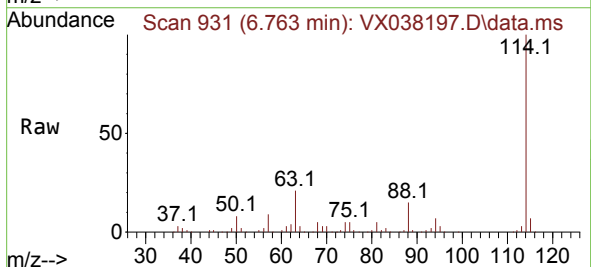
Tgt Ion: 114 Resp: 203141

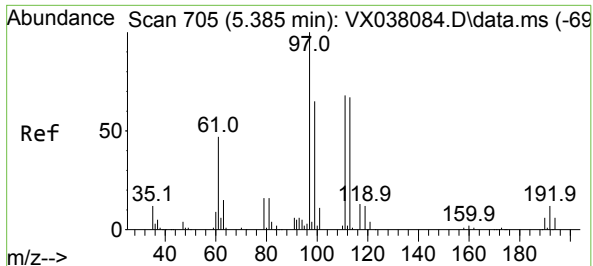
Ion Ratio Lower Upper

114 100

63 20.9 0.0 45.0

88 15.2 0.0 36.6

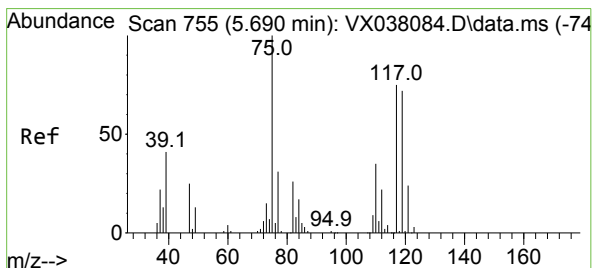
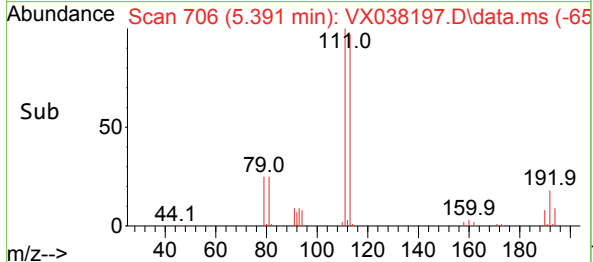
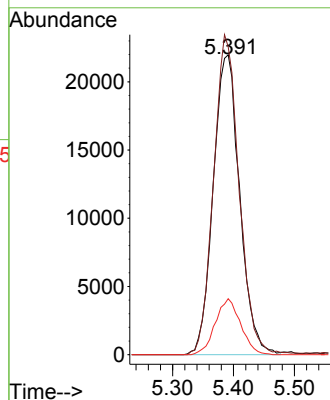
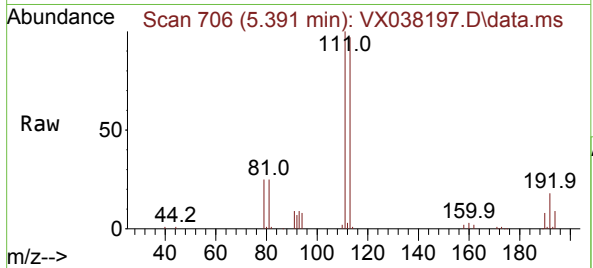




#35
Dibromofluoromethane
Concen: 45.290 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX038197.D
Acq: 10 Oct 2023 13:36

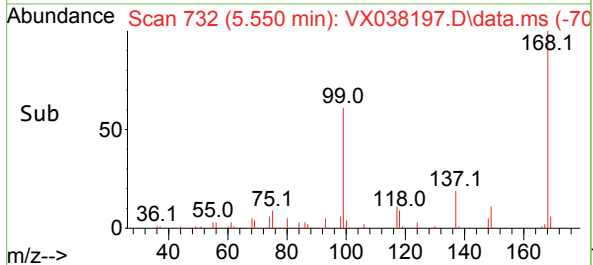
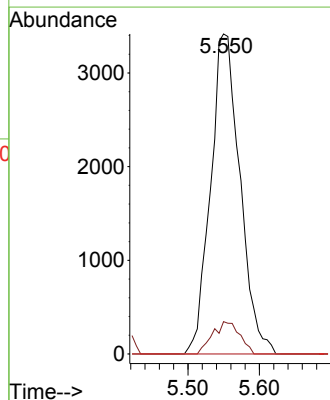
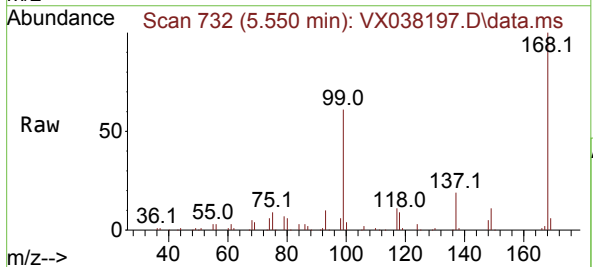
Instrument :
MSVOA_X
ClientSampleId :
GW-3-10-13

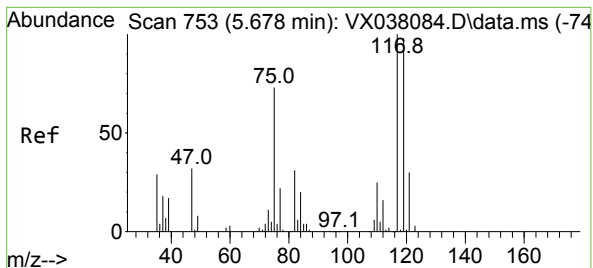
Tgt Ion:113 Resp: 66294
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 17.9 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.838 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038197.D
Acq: 10 Oct 2023 13:36

Tgt Ion: 75 Resp: 9766
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.894 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.128 min

Lab File: VX038197.D

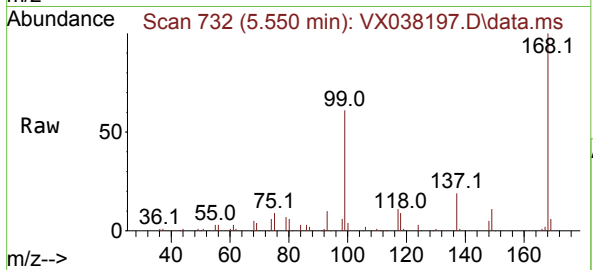
Acq: 10 Oct 2023 13:36

Instrument :

MSVOA_X

ClientSampleId :

GW-3-10-13



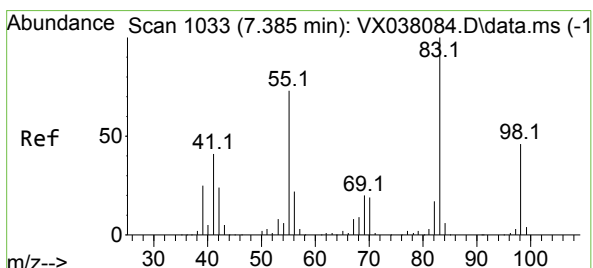
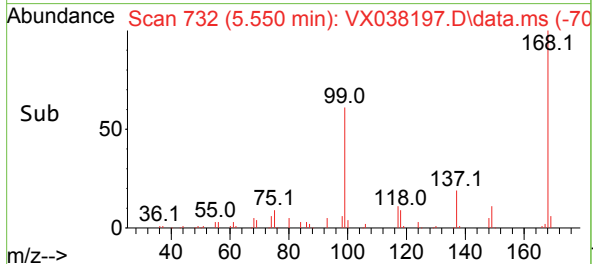
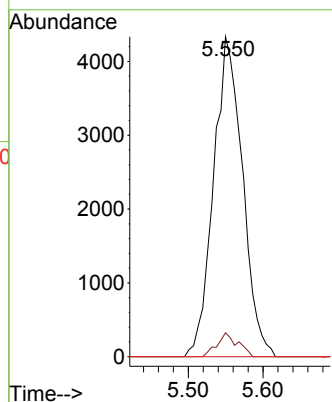
Tgt Ion:117 Resp: 11703

Ion Ratio Lower Upper

117 100

119 7.5 78.2 117.2#

121 0.0 24.4 36.6#



#39

Methylcyclohexane

Concen: 1.304 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX038197.D

Acq: 10 Oct 2023 13:36

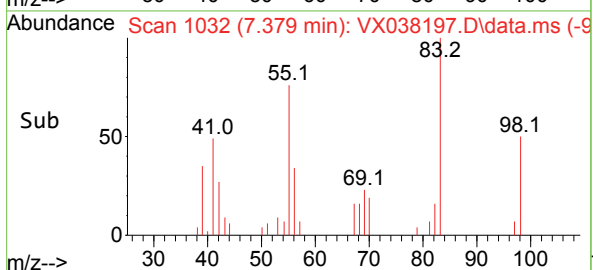
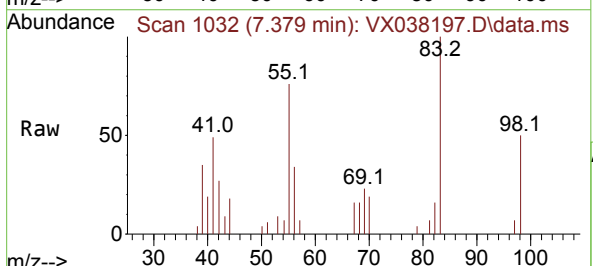
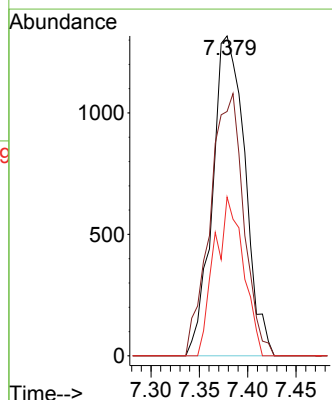
Tgt Ion: 83 Resp: 3083

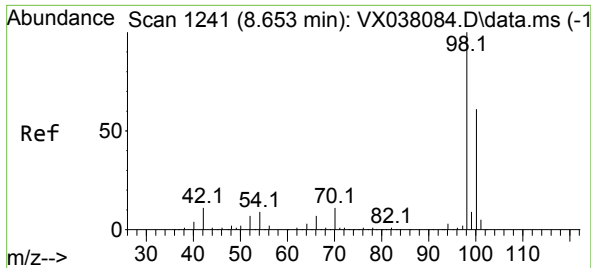
Ion Ratio Lower Upper

83 100

55 76.4 64.6 97.0

98 49.7 36.7 55.1

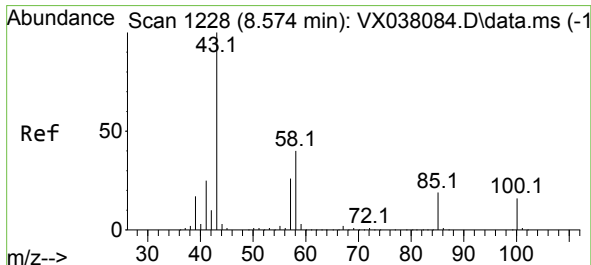
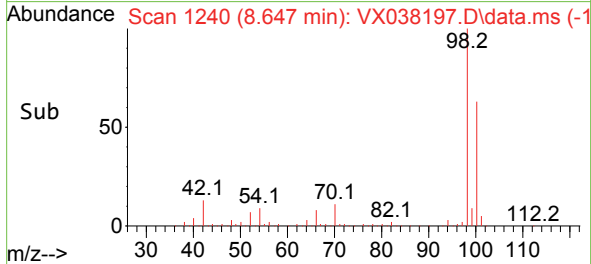
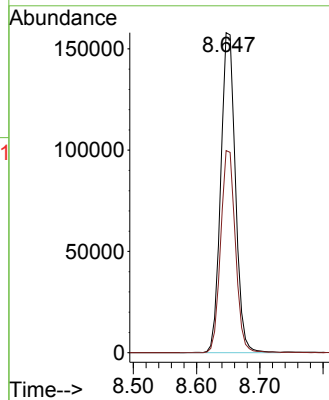
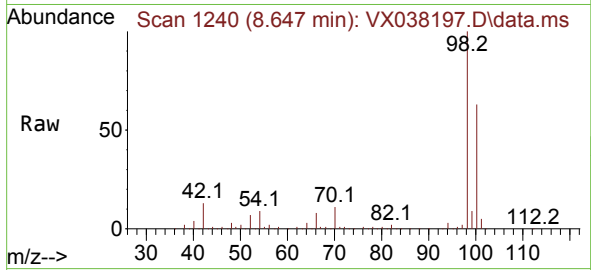




#50
Toluene-d8
Concen: 45.259 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038197.D
Acq: 10 Oct 2023 13:36

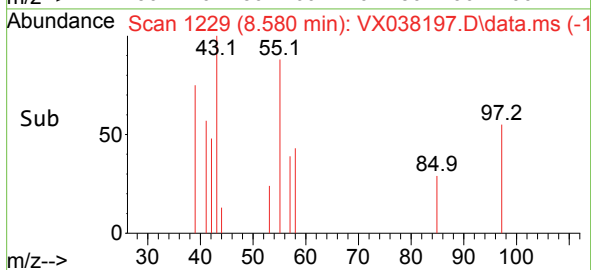
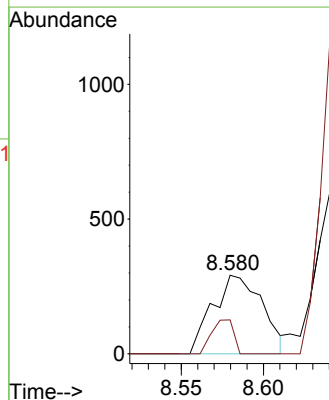
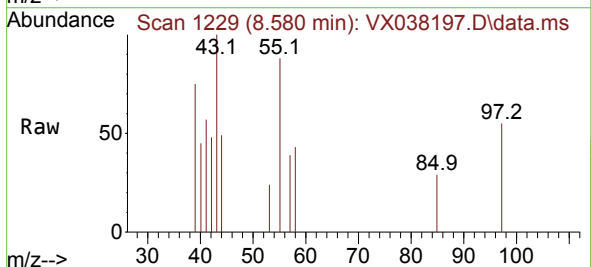
Instrument :
MSVOA_X
ClientSampleId :
GW-3-10-13

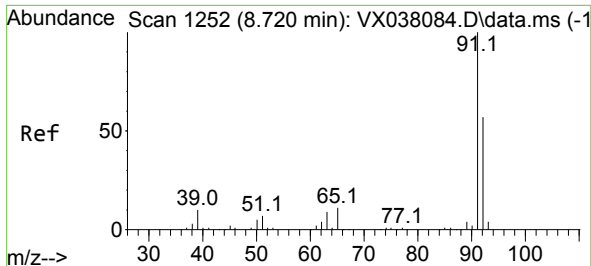
Tgt Ion: 98 Resp: 253153
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.248 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX038197.D
Acq: 10 Oct 2023 13:36

Tgt Ion: 43 Resp: 611
Ion Ratio Lower Upper
43 100
58 19.1 30.4 45.6#

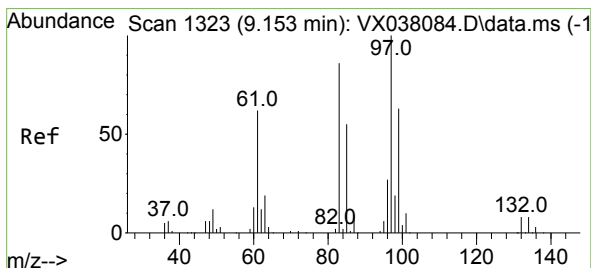
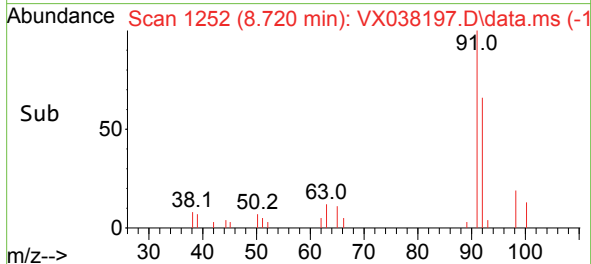
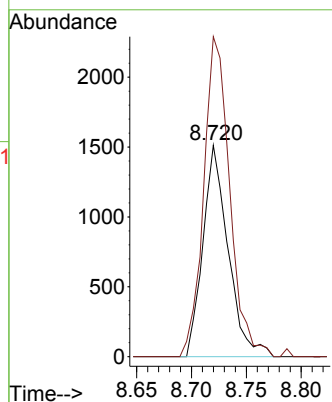
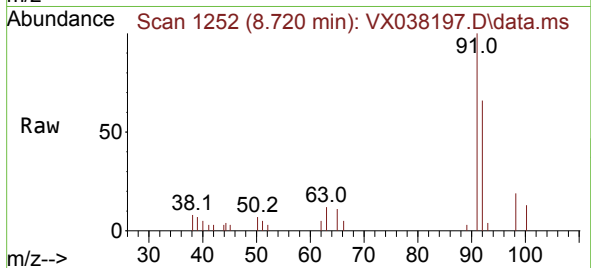




#52
Toluene
Concen: 0.657 ug/l
RT: 8.720 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VX038197.D
Acq: 10 Oct 2023 13:36

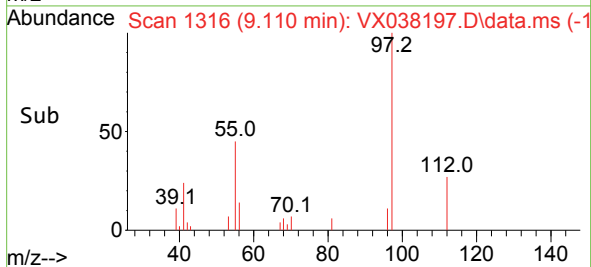
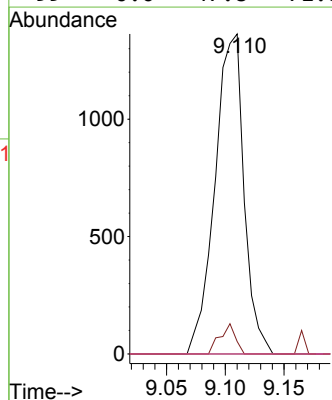
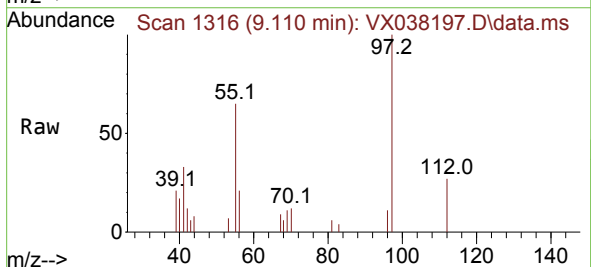
Instrument :
MSVOA_X
ClientSampleId :
GW-3-10-13

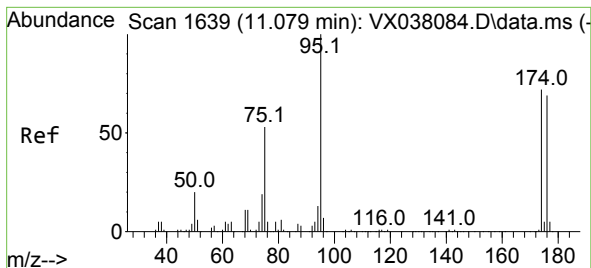
Tgt Ion: 92 Resp: 2415
Ion Ratio Lower Upper
92 100
91 156.9 134.2 201.2



#55
1,1,2-Trichloroethane
Concen: 1.493 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.043 min
Lab File: VX038197.D
Acq: 10 Oct 2023 13:36

Tgt Ion: 97 Resp: 2348
Ion Ratio Lower Upper
97 100
83 3.9 65.8 98.8#
85 0.0 41.6 62.4#
99 0.0 47.8 71.8#

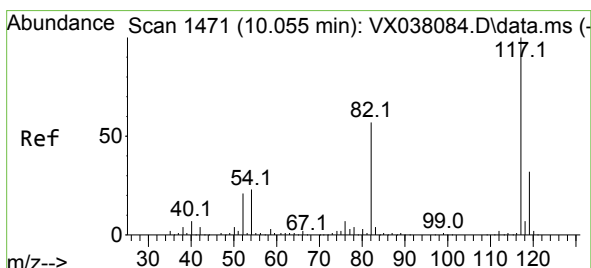
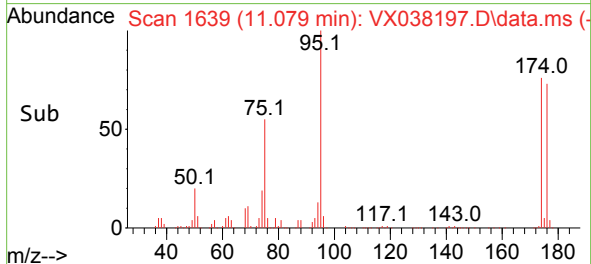
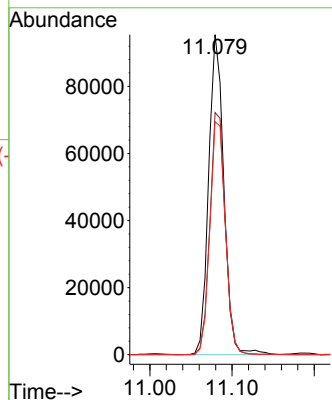
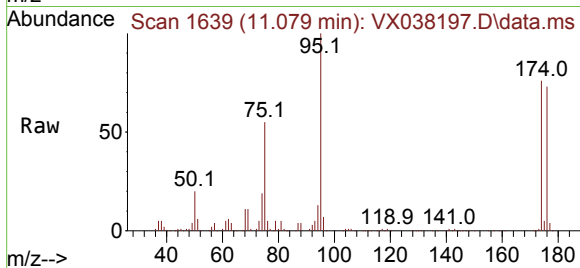




#62
4-Bromofluorobenzene
Concen: 57.700 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038197.D
Acq: 10 Oct 2023 13:36

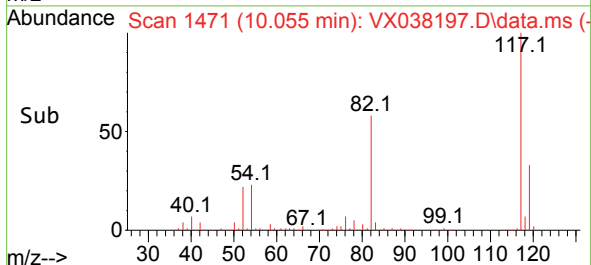
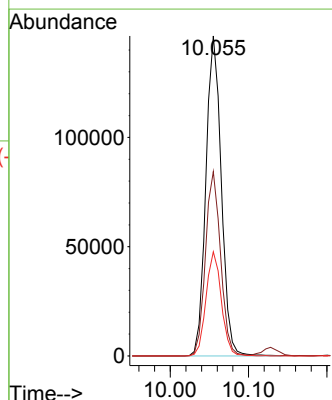
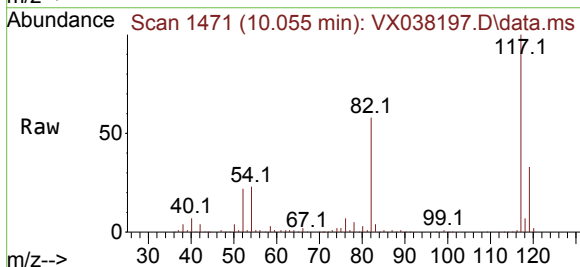
Instrument :
MSVOA_X
ClientSampleId :
GW-3-10-13

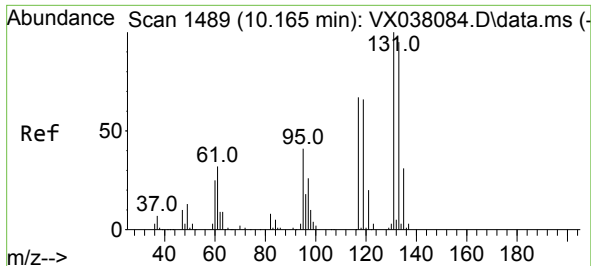
Tgt Ion: 95 Resp: 122354
Ion Ratio Lower Upper
95 100
174 76.8 0.0 135.6
176 74.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038197.D
Acq: 10 Oct 2023 13:36

Tgt Ion: 117 Resp: 199638
Ion Ratio Lower Upper
117 100
82 57.6 46.2 69.4
119 32.5 25.5 38.3

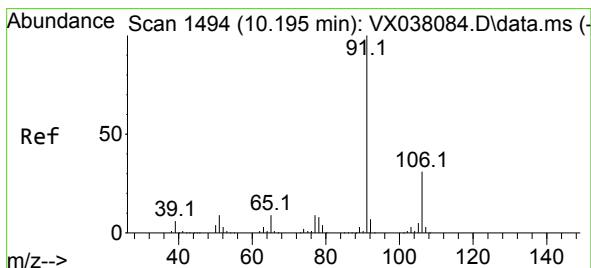
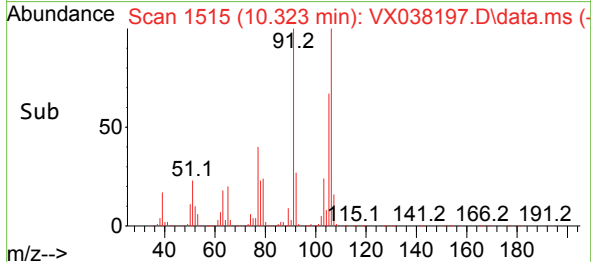
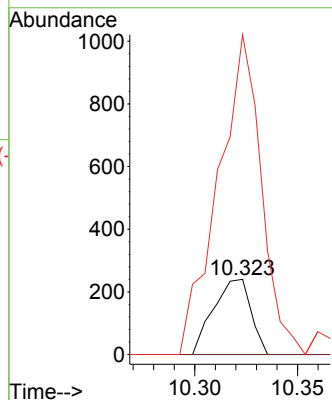
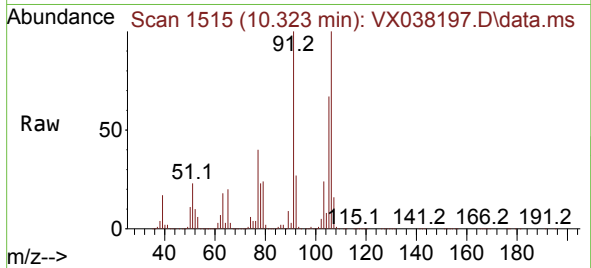




#66
1,1,1,2-Tetrachloroethane
Concen: 0.216 ug/l
RT: 10.323 min Scan# 11
Delta R.T. 0.158 min
Lab File: VX038197.D
Acq: 10 Oct 2023 13:36

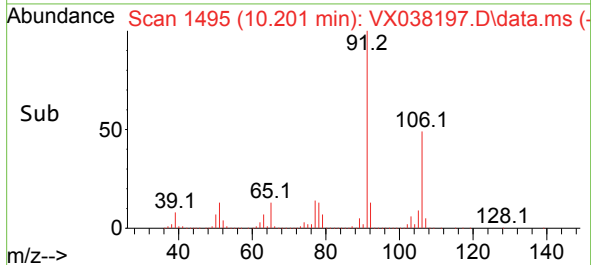
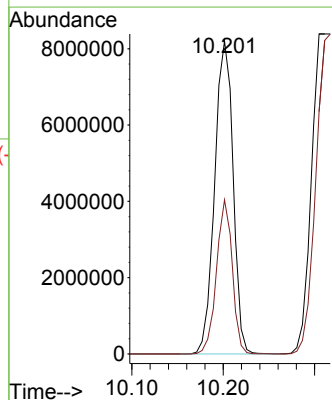
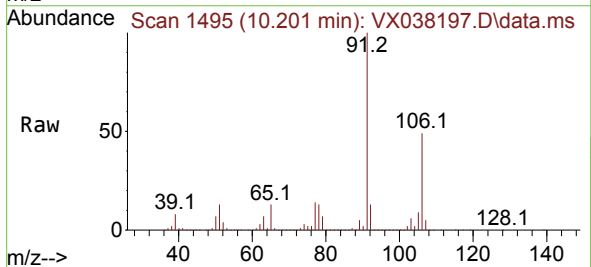
Instrument :
MSVOA_X
ClientSampleId :
GW-3-10-13

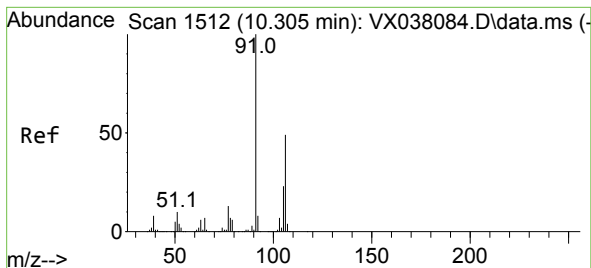
Tgt Ion:131 Resp: 305
Ion Ratio Lower Upper
131 100
133 0.0 47.1 141.4#
119 0.0 32.2 96.6#



#67
Ethyl Benzene
Concen: 1539.875 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX038197.D
Acq: 10 Oct 2023 13:36

Tgt Ion: 91 Resp:11482570
Ion Ratio Lower Upper
91 100
106 49.2 24.9 37.3#

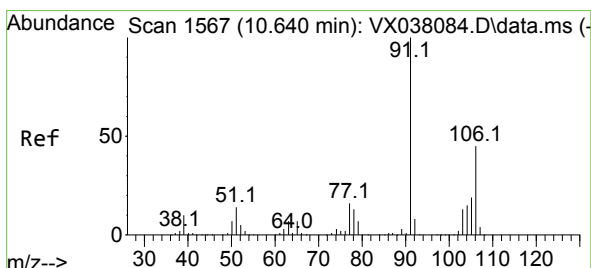
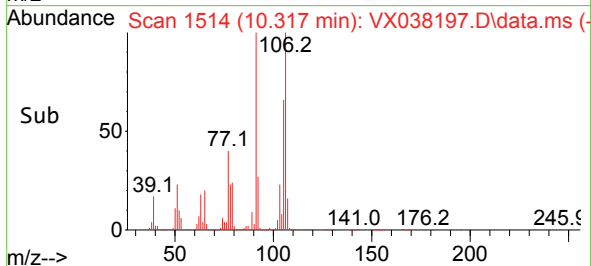
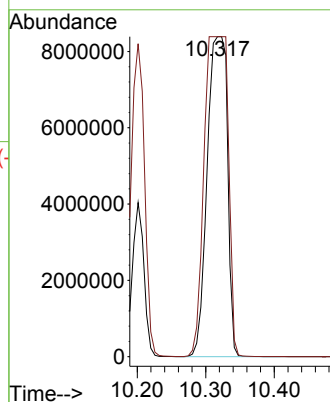
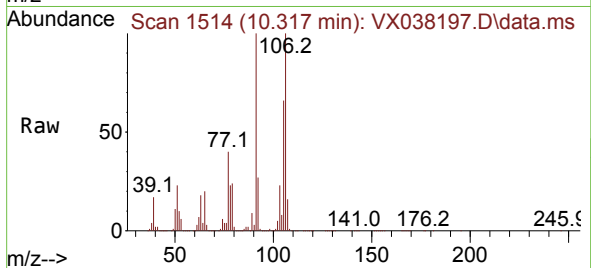




#68
m/p-Xylenes
Concen: 5975.218 ug/l
RT: 10.317 min Scan# 1513
Delta R.T. 0.012 min
Lab File: VX038197.D
Acq: 10 Oct 2023 13:36

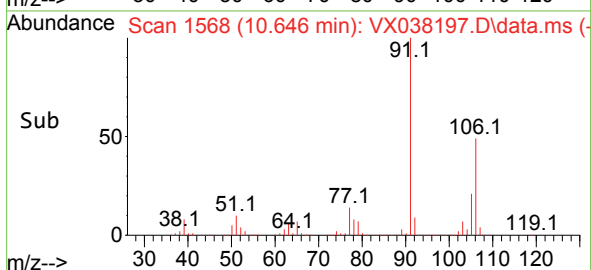
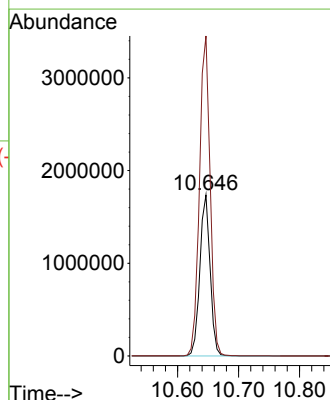
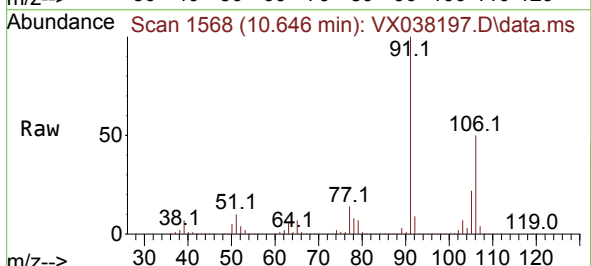
Instrument :
MSVOA_X
ClientSampleId :
GW-3-10-13

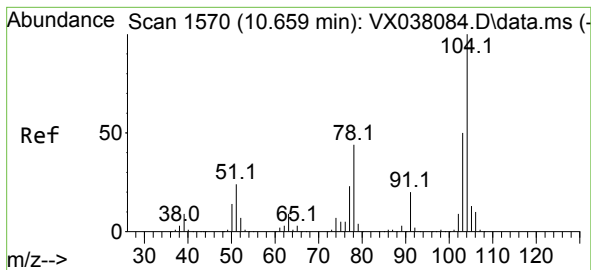
Tgt Ion:106 Resp:17228324
Ion Ratio Lower Upper
106 100
91 0.0 165.5 248.3#



#69
o-Xylene
Concen: 721.170 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX038197.D
Acq: 10 Oct 2023 13:36

Tgt Ion:106 Resp: 2029428
Ion Ratio Lower Upper
106 100
91 206.7 108.9 326.8





#70

Styrene

Concen: 22.788 ug/l

RT: 10.646 min Scan# 1568

Delta R.T. -0.013 min

Lab File: VX038197.D

Acq: 10 Oct 2023 13:36

Instrument :

MSVOA_X

ClientSampleId :

GW-3-10-13

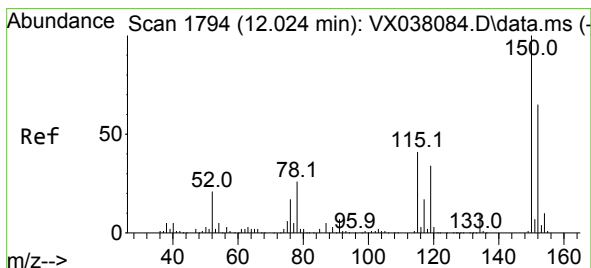
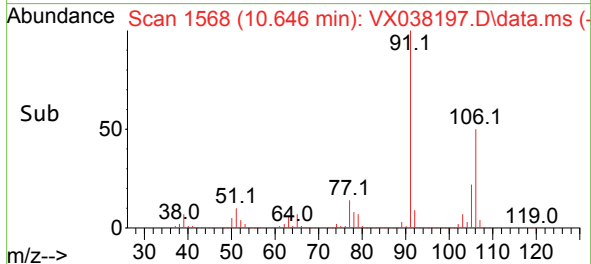
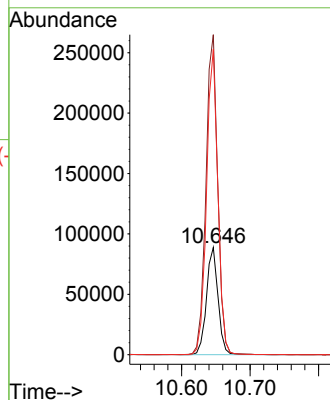
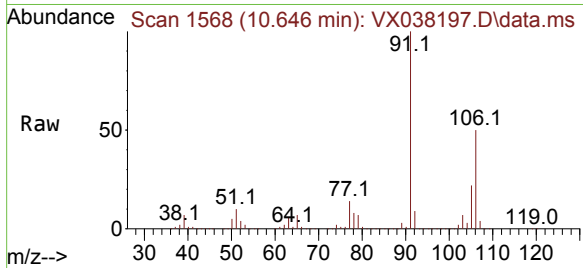
Tgt Ion:104 Resp: 104434

Ion Ratio Lower Upper

104 100

78 302.6 43.6 65.4#

103 279.8 43.6 65.4#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX038197.D

Acq: 10 Oct 2023 13:36

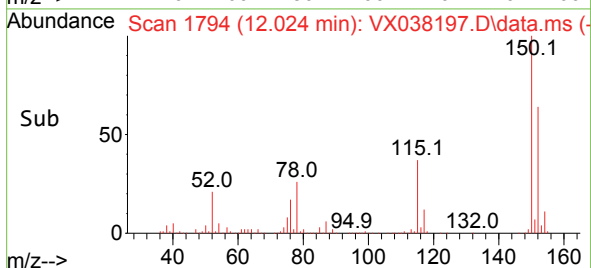
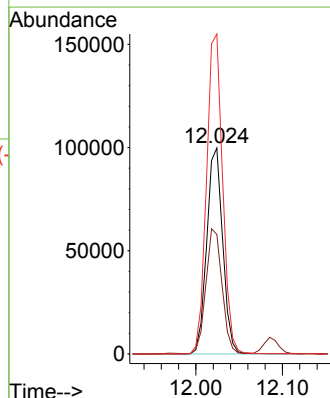
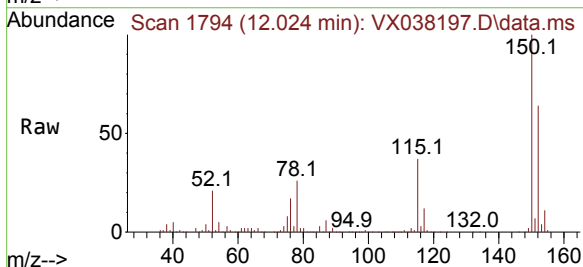
Tgt Ion:152 Resp: 127572

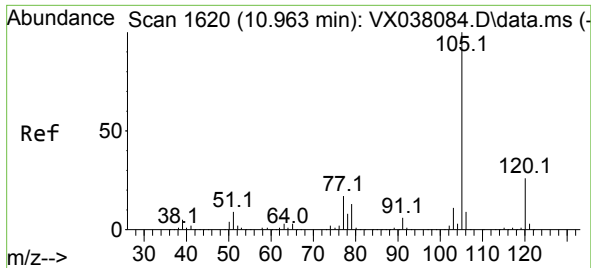
Ion Ratio Lower Upper

152 100

115 61.6 43.3 129.9

150 157.0 0.0 345.0

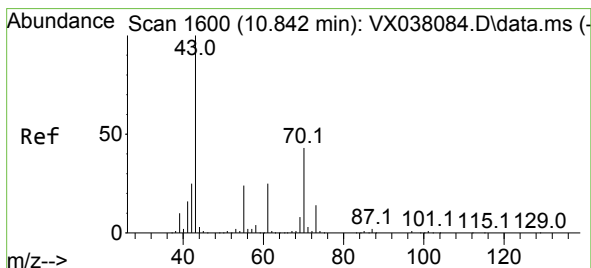
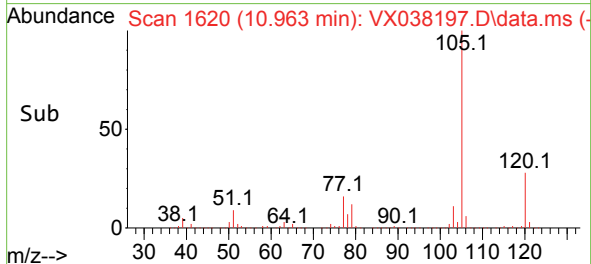
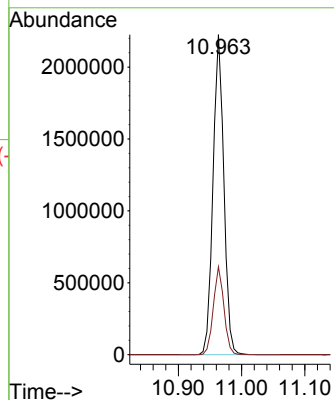
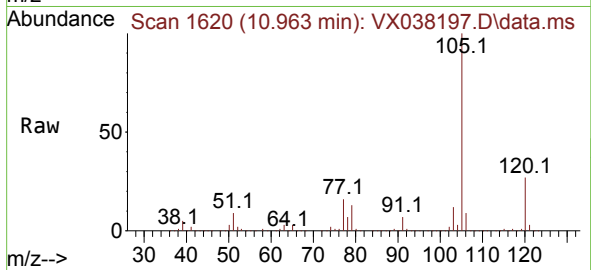




#73
Isopropylbenzene
Concen: 309.357 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX038197.D
Acq: 10 Oct 2023 13:36

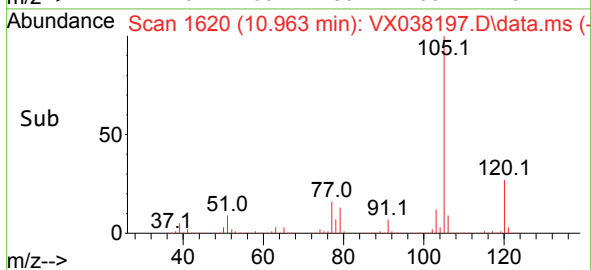
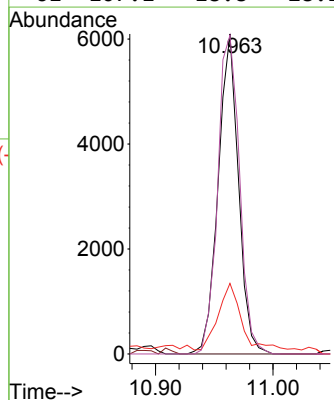
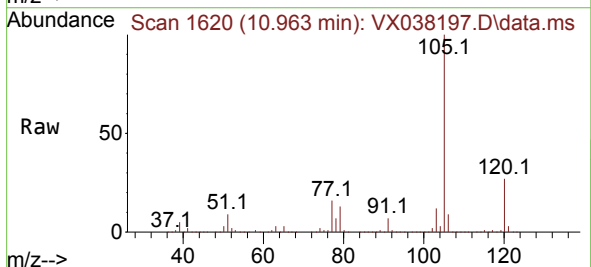
Instrument :
MSVOA_X
ClientSampleId :
GW-3-10-13

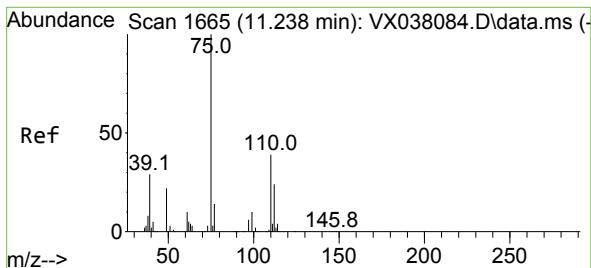
Tgt Ion:105 Resp: 2646660
Ion Ratio Lower Upper
105 100
120 26.8 12.9 38.6



#74
N-ethyl acetate
Concen: 2.004 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.121 min
Lab File: VX038197.D
Acq: 10 Oct 2023 13:36

Tgt Ion: 43 Resp: 7321
Ion Ratio Lower Upper
43 100
70 0.0 32.9 49.3#
55 23.5 19.3 28.9
61 107.1 18.8 28.2#





#76

1,2,3-Trichloropropane

Concen: 1.389 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.067 min

Lab File: VX038197.D

Acq: 10 Oct 2023 13:36

Instrument :

MSVOA_X

ClientSampleId :

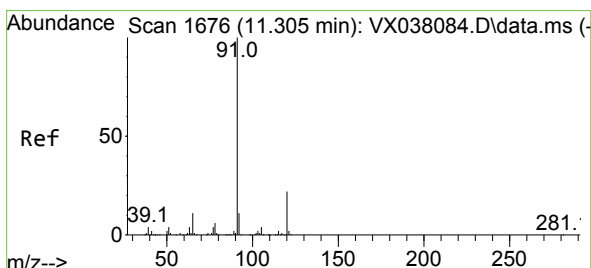
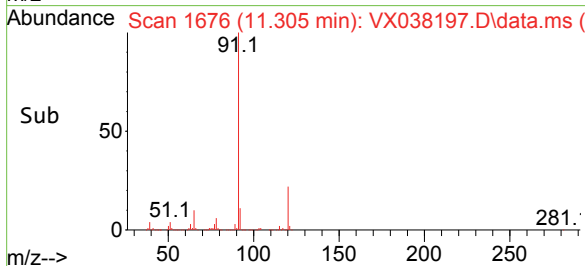
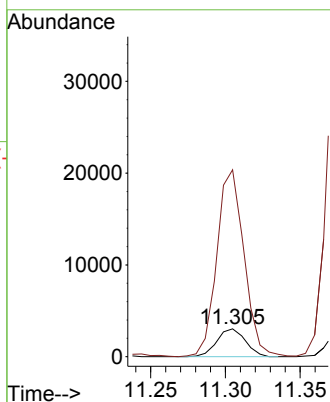
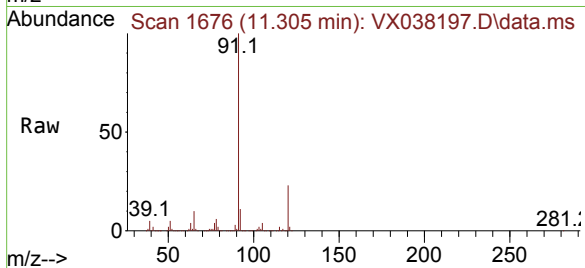
GW-3-10-13

Tgt Ion: 75 Resp: 4027

Ion Ratio Lower Upper

75 100

77 640.9 19.1 57.5#



#78

n-propylbenzene

Concen: 60.201 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX038197.D

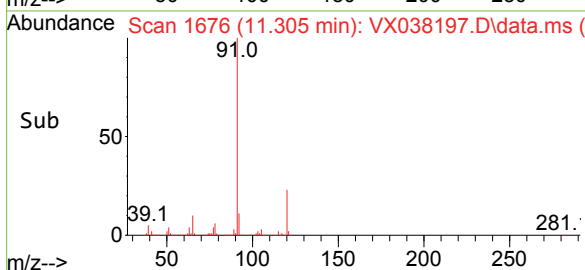
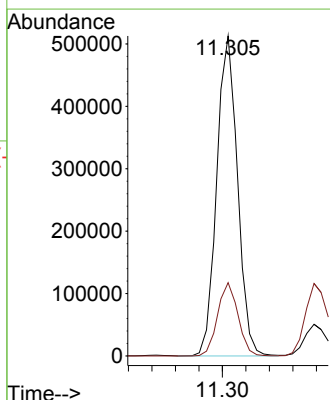
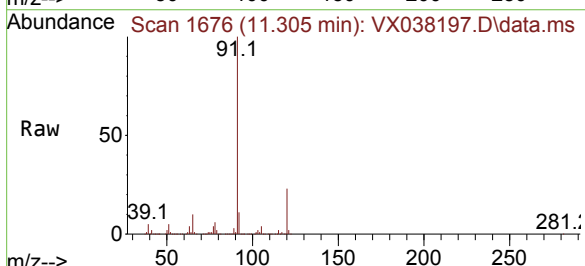
Acq: 10 Oct 2023 13:36

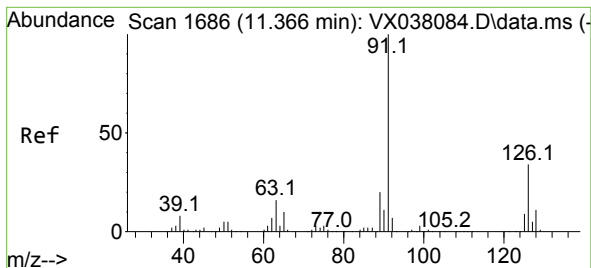
Tgt Ion: 91 Resp: 629768

Ion Ratio Lower Upper

91 100

120 22.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 12.674 ug/l

RT: 11.378 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX038197.D

Acq: 10 Oct 2023 13:36

Instrument :

MSVOA_X

ClientSampleId :

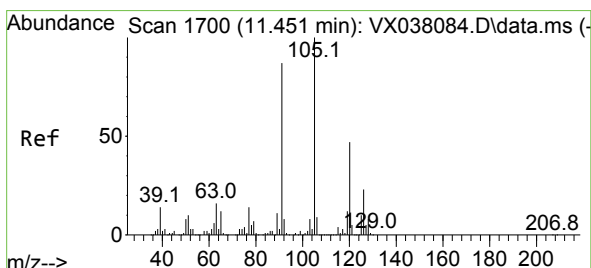
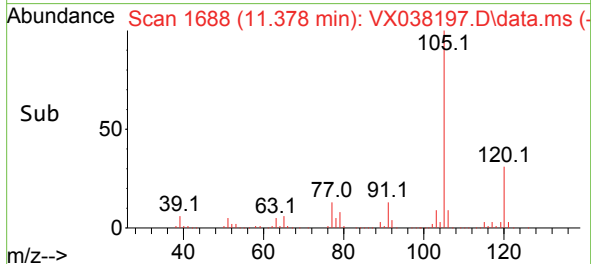
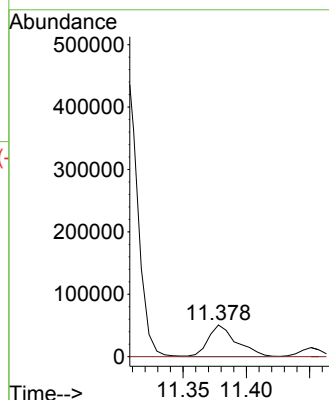
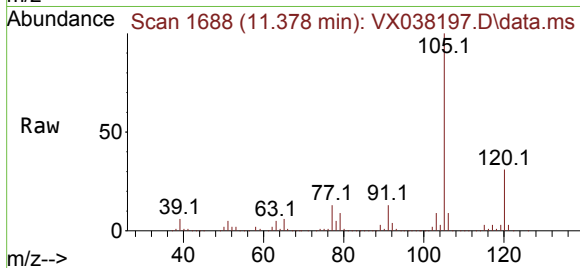
GW-3-10-13

Tgt Ion: 91 Resp: 78628

Ion Ratio Lower Upper

91 100

126 0.1 16.3 48.8#



#80

1,3,5-Trimethylbenzene

Concen: 20.203 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX038197.D

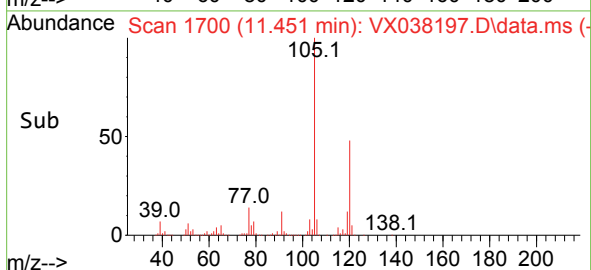
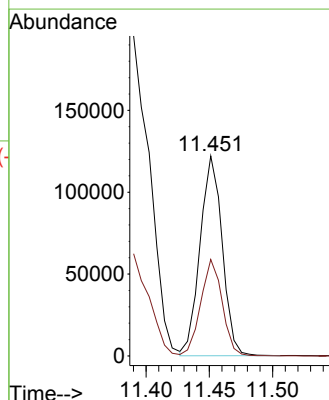
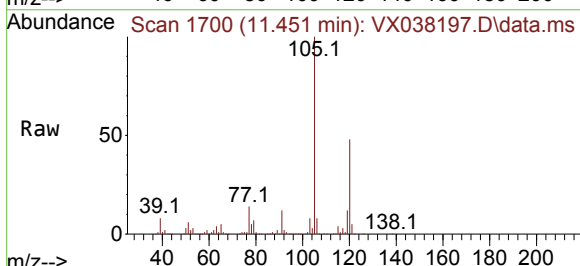
Acq: 10 Oct 2023 13:36

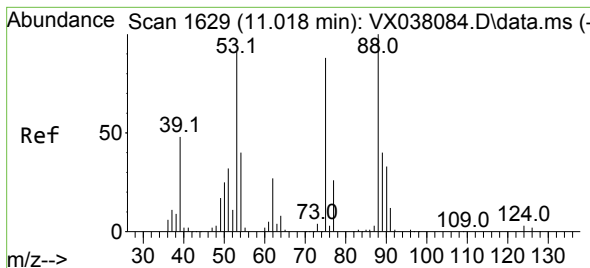
Tgt Ion: 105 Resp: 149119

Ion Ratio Lower Upper

105 100

120 47.0 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 34.743 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.055 min

Lab File: VX038197.D

Acq: 10 Oct 2023 13:36

Instrument :

MSVOA_X

ClientSampleId :

GW-3-10-13

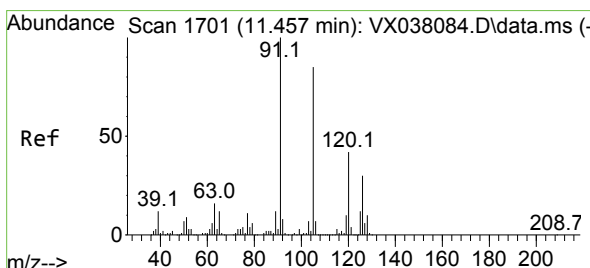
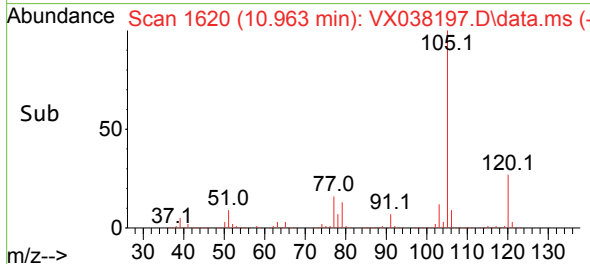
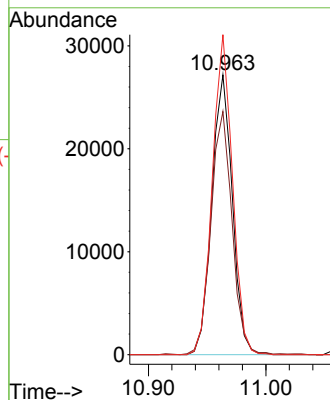
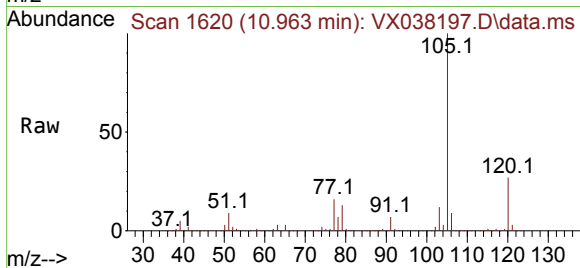
Tgt Ion: 75 Resp: 33178

Ion Ratio Lower Upper

75 100

53 89.4 90.5 135.7#

89 111.5 36.9 55.3#



#82

4-Chlorotoluene

Concen: 10.710 ug/l

RT: 11.378 min Scan# 1688

Delta R.T. -0.079 min

Lab File: VX038197.D

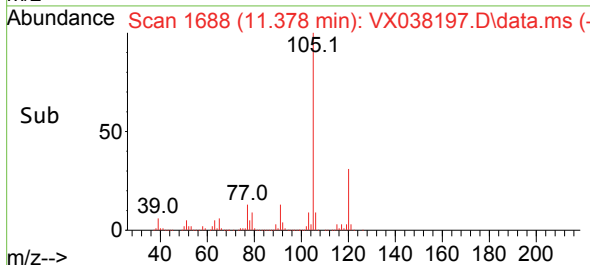
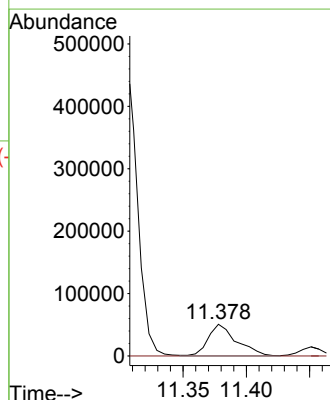
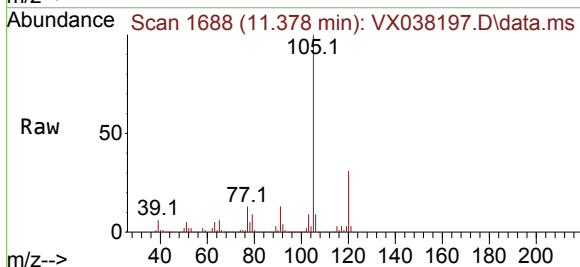
Acq: 10 Oct 2023 13:36

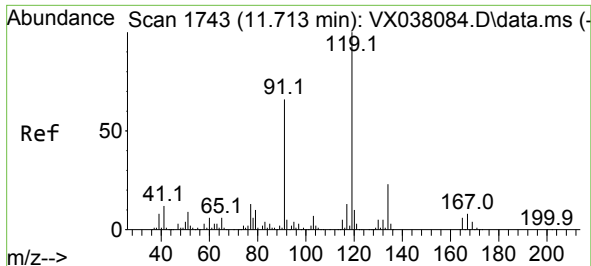
Tgt Ion: 91 Resp: 78628

Ion Ratio Lower Upper

91 100

126 0.1 14.2 42.6#

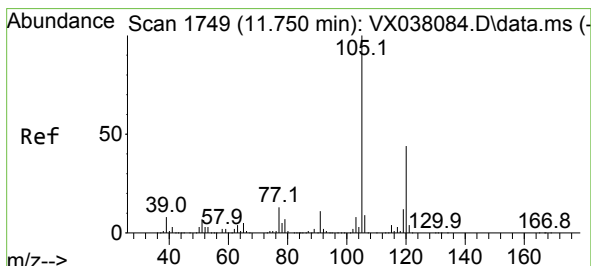
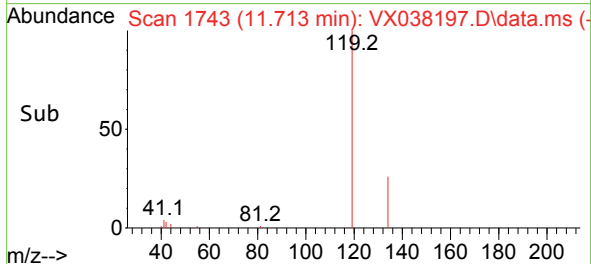
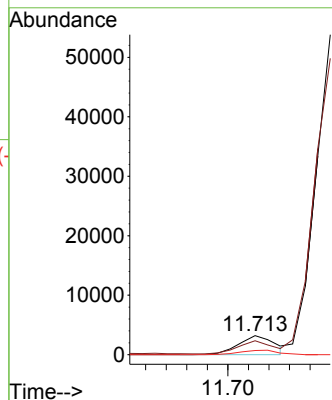
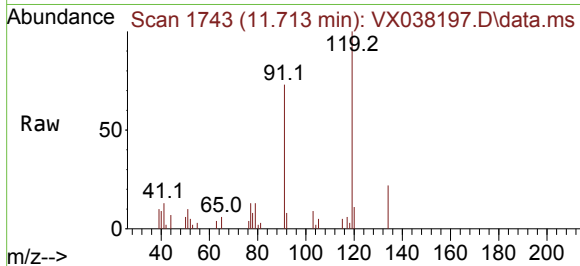




#83
 tert-Butylbenzene
 Concen: 0.536 ug/l
 RT: 11.713 min Scan# 1743
 Delta R.T. 0.000 min
 Lab File: VX038197.D
 Acq: 10 Oct 2023 13:36

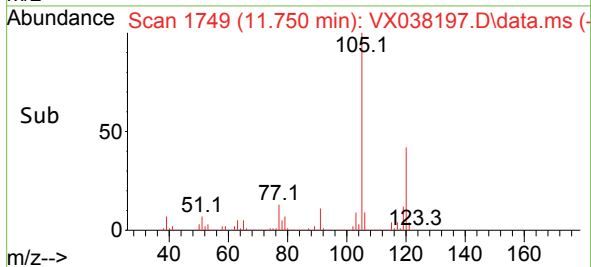
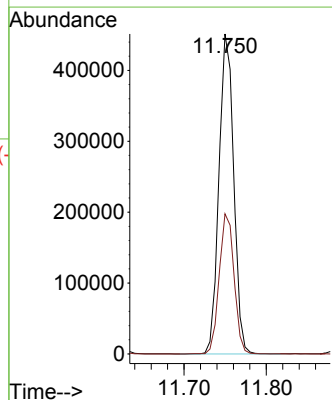
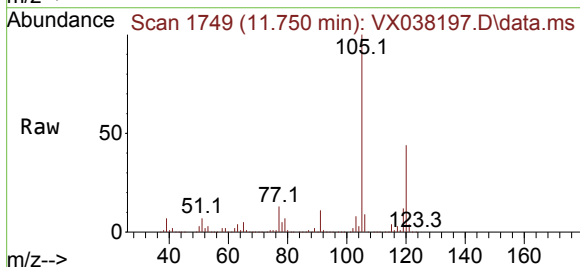
Instrument :
 MSVOA_X
 ClientSampleId :
 GW-3-10-13

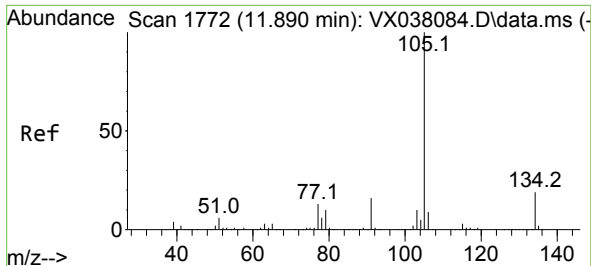
Tgt Ion:119 Resp: 3866
 Ion Ratio Lower Upper
 119 100
 91 66.1 31.2 93.6
 134 24.2 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 76.424 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX038197.D
 Acq: 10 Oct 2023 13:36

Tgt Ion:105 Resp: 562426
 Ion Ratio Lower Upper
 105 100
 120 44.2 21.2 63.6

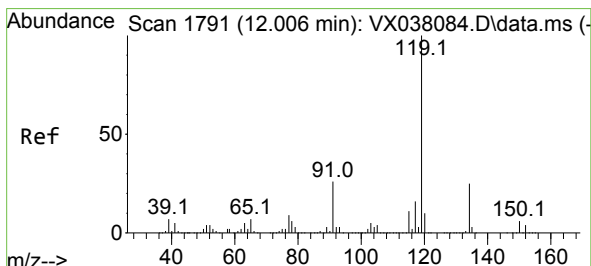
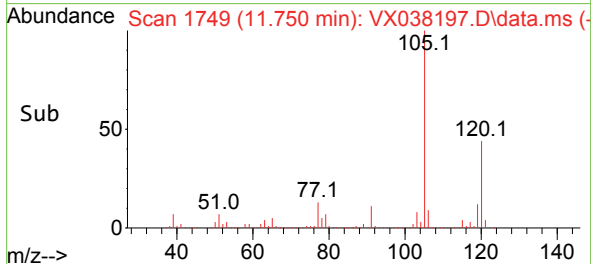
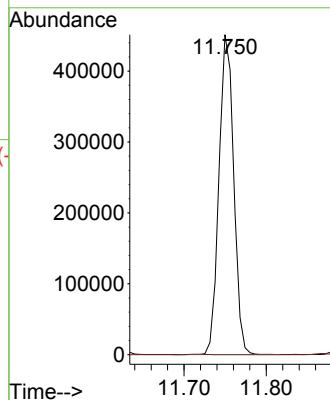
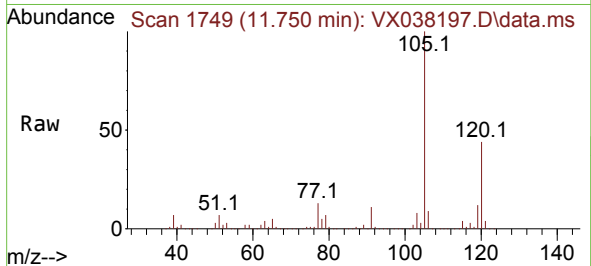




#85
 sec-Butylbenzene
 Concen: 60.200 ug/l
 RT: 11.750 min Scan# 11
 Delta R.T. -0.140 min
 Lab File: VX038197.D
 Acq: 10 Oct 2023 13:36

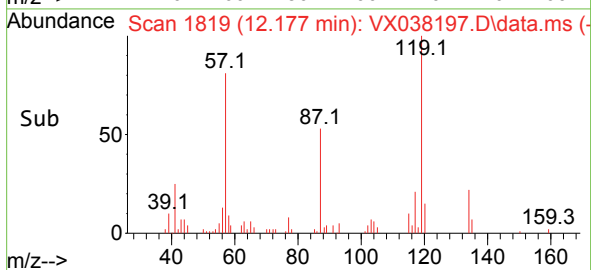
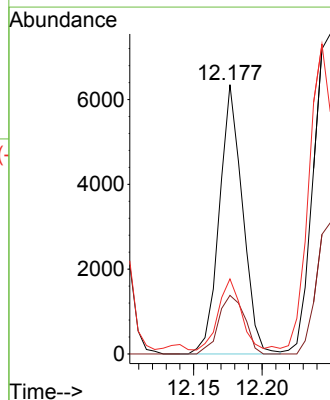
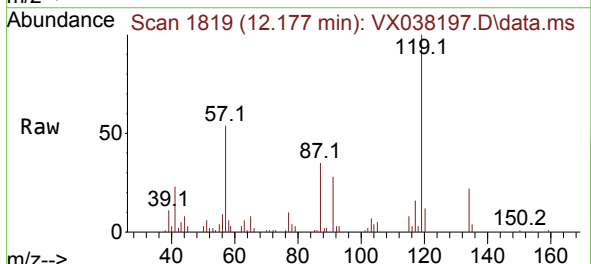
Instrument :
 MSVOA_X
 ClientSampleId :
 GW-3-10-13

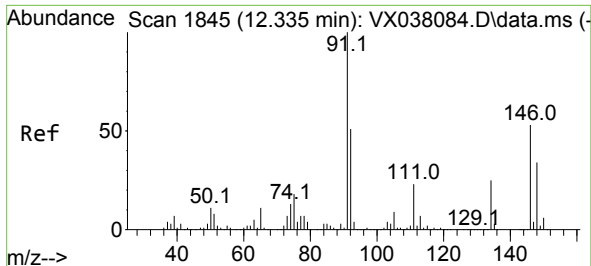
Tgt Ion:105 Resp: 562426
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.4#



#86
 p-Isopropyltoluene
 Concen: 0.970 ug/l
 RT: 12.177 min Scan# 1819
 Delta R.T. 0.171 min
 Lab File: VX038197.D
 Acq: 10 Oct 2023 13:36

Tgt Ion:119 Resp: 7478
 Ion Ratio Lower Upper
 119 100
 134 24.5 12.8 38.3
 91 26.3 13.1 39.3





#89

n-Butylbenzene

Concen: 0.851 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX038197.D

Acq: 10 Oct 2023 13:36

Instrument :

MSVOA_X

ClientSampleId :

GW-3-10-13

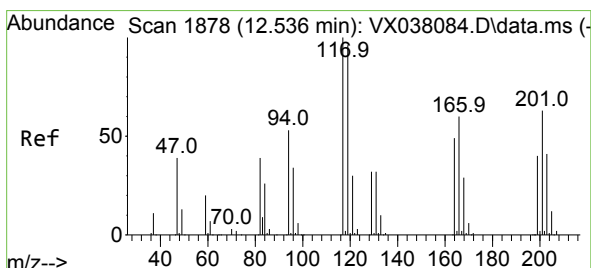
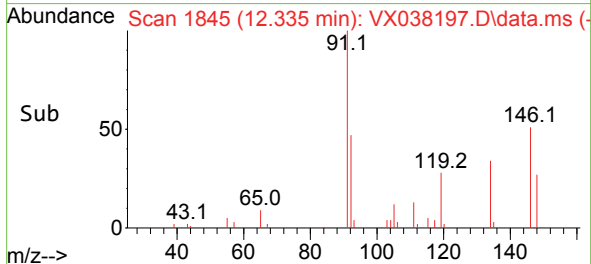
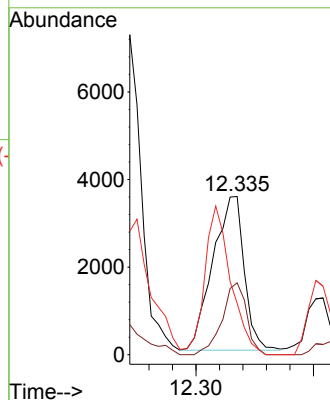
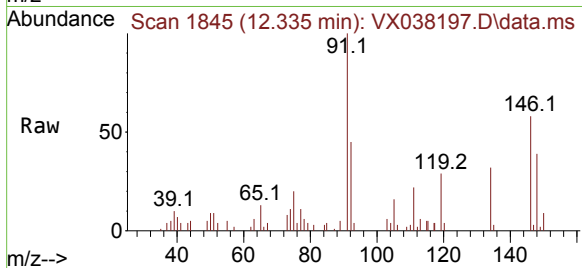
Tgt Ion: 91 Resp: 6533

Ion Ratio Lower Upper

91 100

92 36.2 27.4 82.0

134 80.0 12.6 37.8#



#90

Hexachloroethane

Concen: 1.052 ug/l

RT: 12.609 min Scan# 1890

Delta R.T. 0.073 min

Lab File: VX038197.D

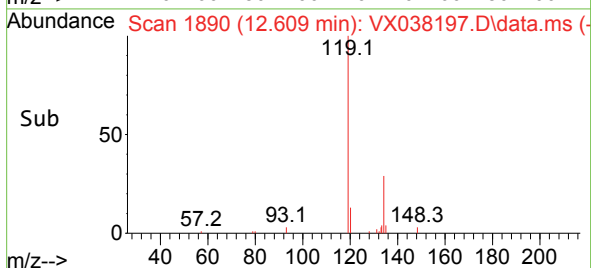
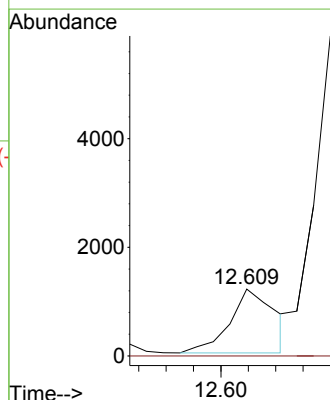
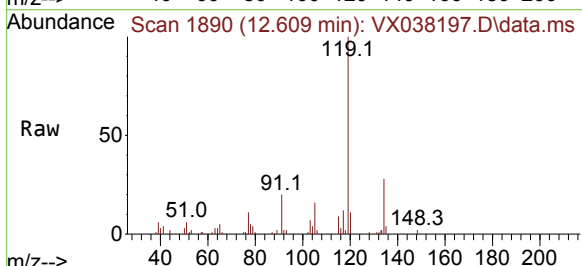
Acq: 10 Oct 2023 13:36

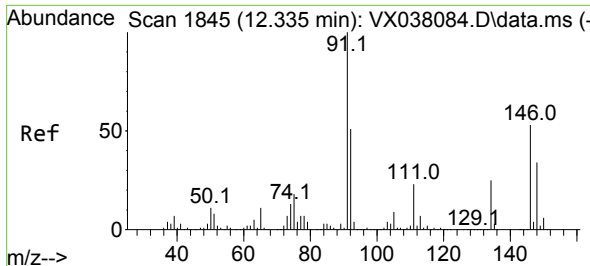
Tgt Ion: 117 Resp: 1344

Ion Ratio Lower Upper

117 100

201 0.0 32.9 98.6#

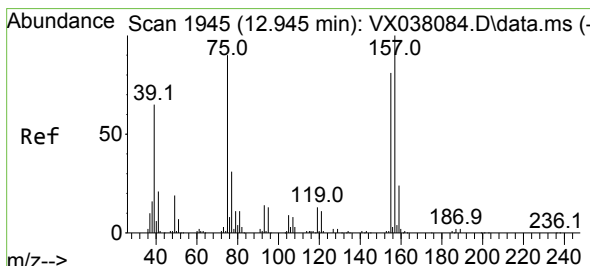
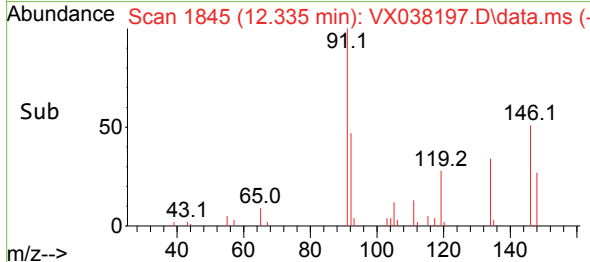
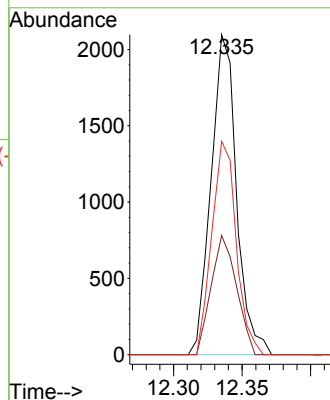
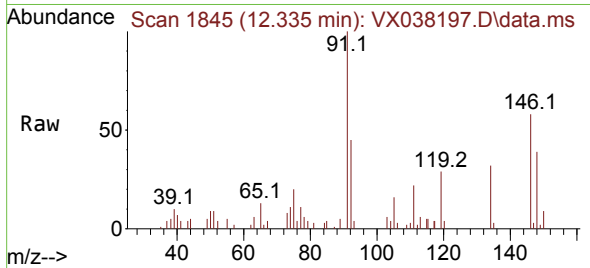




#91
1,2-Dichlorobenzene
Concen: 0.671 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038197.D
Acq: 10 Oct 2023 13:36

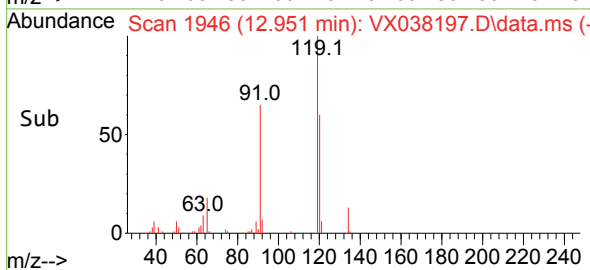
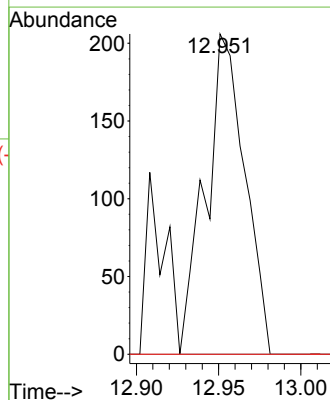
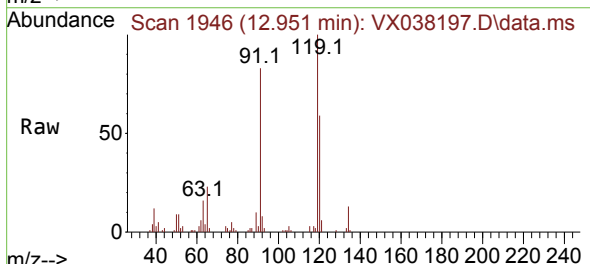
Instrument :
MSVOA_X
ClientSampleId :
GW-3-10-13

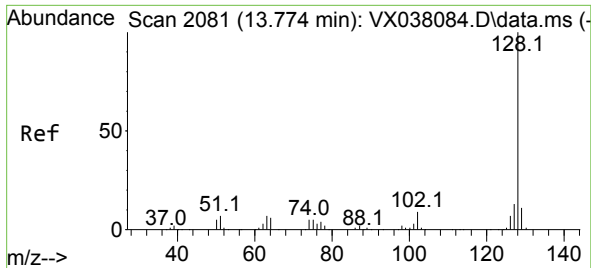
Tgt Ion:146 Resp: 2704
Ion Ratio Lower Upper
146 100
111 37.1 22.4 67.0
148 64.0 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.451 ug/l
RT: 12.951 min Scan# 1946
Delta R.T. 0.006 min
Lab File: VX038197.D
Acq: 10 Oct 2023 13:36

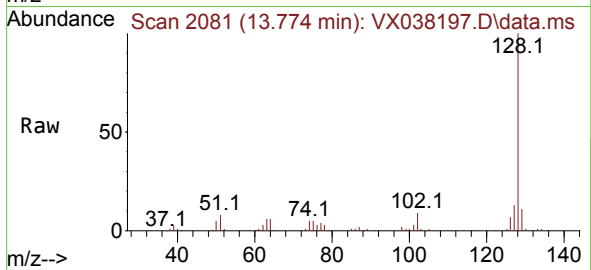
Tgt Ion: 75 Resp: 342
Ion Ratio Lower Upper
75 100
155 0.0 36.1 108.5#
157 0.0 44.9 134.7#





#95
Naphthalene
Concen: 5.965 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX038197.D
Acq: 10 Oct 2023 13:36

Instrument :
MSVOA_X
ClientSampleId :
GW-3-10-13



Tgt Ion:128 Resp: 56187
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 10.6 8.8 13.2

