

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032622\
 Data File : VX027733.D
 Acq On : 26 Mar 2022 17:37
 Operator : JC/MD
 Sample : N2095-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-01-(SB-01)

Quant Time: Mar 28 05:19:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 16:26:59 2022
 Response via : Initial Calibration

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

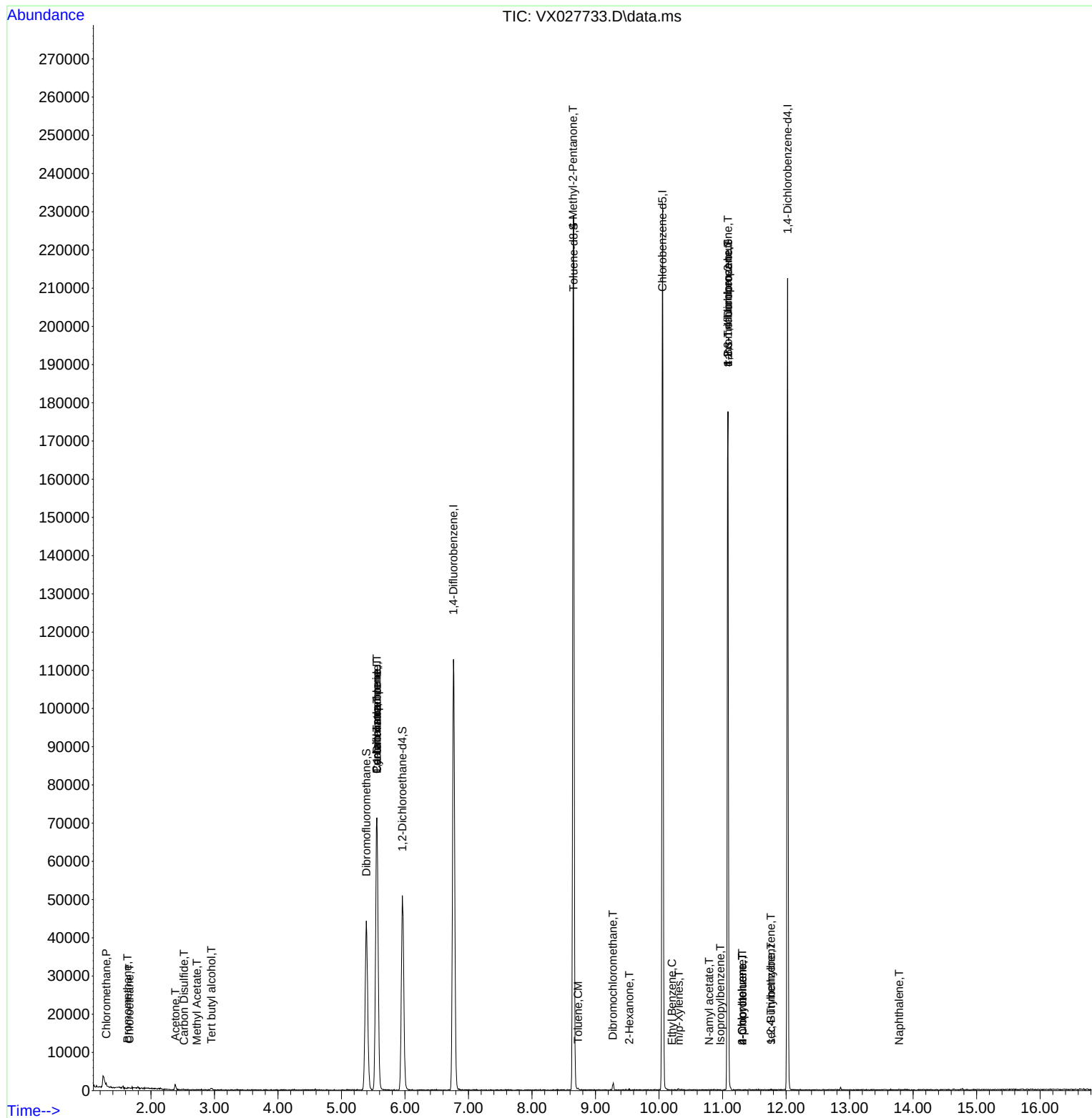
Internal Standards						
1) Pentafluorobenzene	5.556	168	60996	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	107121	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	90008	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	35364	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	50590	50.569	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.140%			
35) Dibromofluoromethane	5.391	113	35877	51.001	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.000%			
50) Toluene-d8	8.653	98	128301	47.181	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 94.360%			
62) 4-Bromofluorobenzene	11.085	95	48735	44.168	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 88.340%			
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	73	0.100	ug/l #	42
5) Bromomethane	1.630	94	39	0.138	ug/l	98
6) Chloroethane	1.660	64	216	0.478	ug/l #	43
11) Tert butyl alcohol	2.953	59	283	1.519	ug/l #	72
16) Acetone	2.386	43	1301	3.075	ug/l #	72
17) Carbon Disulfide	2.520	76	102	0.059	ug/l #	75
18) Methyl Acetate	2.721	43	19	0.018	ug/l #	46
31) Cyclohexane	5.556	56	1603	1.321	ug/l #	20
36) 1,1-Dichloropropene	5.556	75	5542	4.988	ug/l #	48
38) Carbon Tetrachloride	5.556	117	6809	6.271	ug/l #	12
51) 4-Methyl-2-Pentanone	8.647	43	682	0.509	ug/l #	1
52) Toluene	8.726	92	43	0.022	ug/l #	63
59) 2-Hexanone	9.531	43	23	0.022	ug/l #	18
60) Dibromochloromethane	9.275	129	362	0.480	ug/l #	9
64) Tetrachloroethene	9.281	164	274	Below Cal	#	77
67) Ethyl Benzene	10.201	91	96	0.027	ug/l #	44
68) m/p-Xylenes	10.311	106	22	0.017	ug/l #	1
73) Isopropylbenzene	10.963	105	38	0.013	ug/l #	48
74) N-amyl acetate	10.787	43	54	0.039	ug/l #	36
76) 1,2,3-Trichloropropane	11.085	75	27453	27.882	ug/l #	38
78) n-propylbenzene	11.311	91	19	0.006	ug/l #	52
79) 2-Chlorotoluene	11.311	91	19	0.009	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.085	75	27453	94.906	ug/l #	15
82) 4-Chlorotoluene	11.311	91	19	0.008	ug/l #	45
84) 1,2,4-Trimethylbenzene	11.762	105	63	0.025	ug/l	82
85) sec-Butylbenzene	11.762	105	63	0.021	ug/l #	56
95) Naphthalene	13.780	128	202	0.080	ug/l #	69

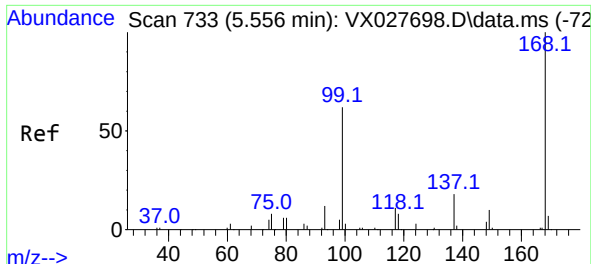
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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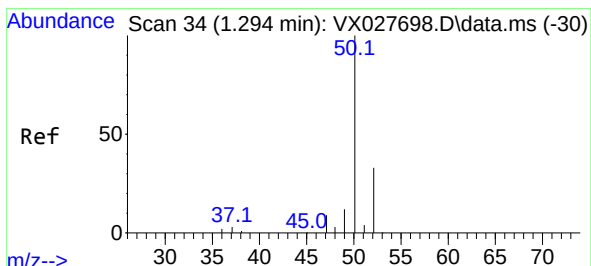
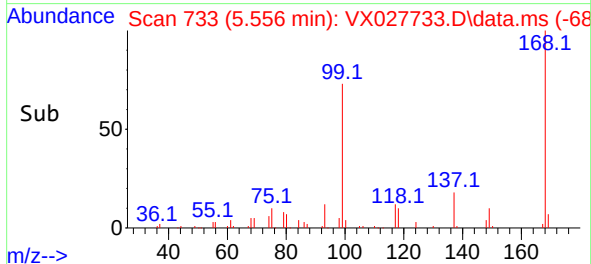
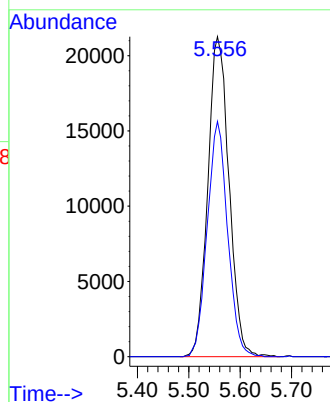
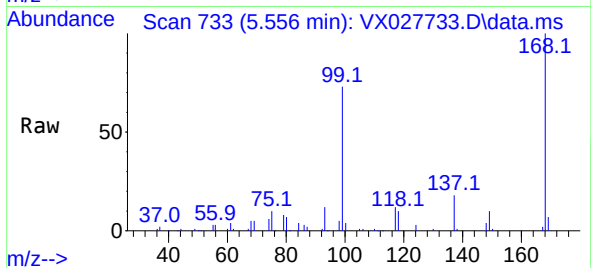




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027733.D
Acq: 26 Mar 2022 17:37

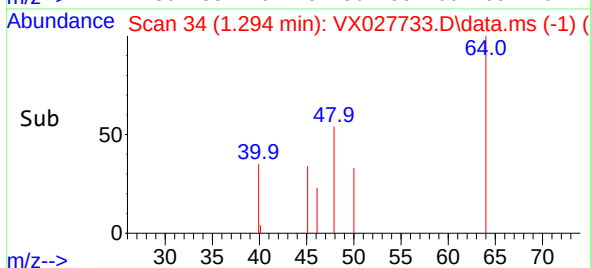
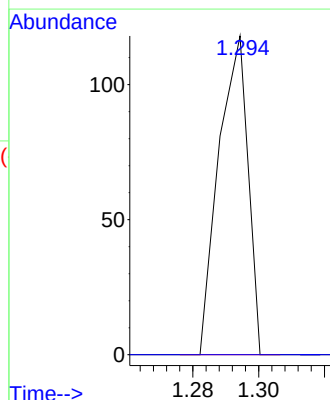
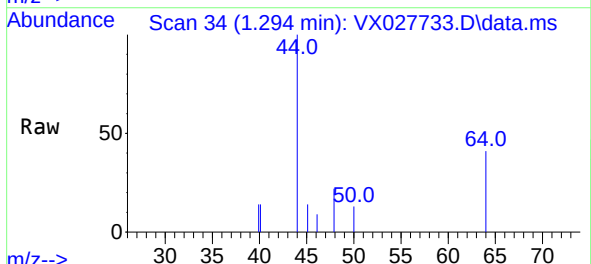
Instrument :
MSVOA_X
ClientSampleId :
GW-01-(SB-01)

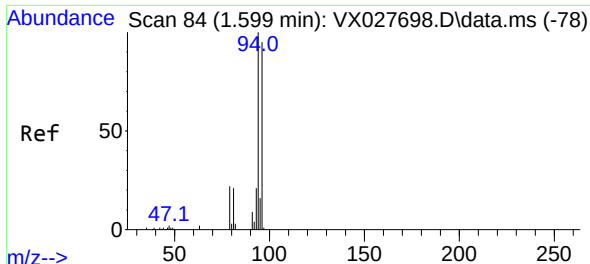
Tgt Ion:168 Resp: 60996
Ion Ratio Lower Upper
168 100
99 73.5 41.7 62.5#



#3
Chloromethane
Concen: 0.100 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX027733.D
Acq: 26 Mar 2022 17:37

Tgt Ion: 50 Resp: 73
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

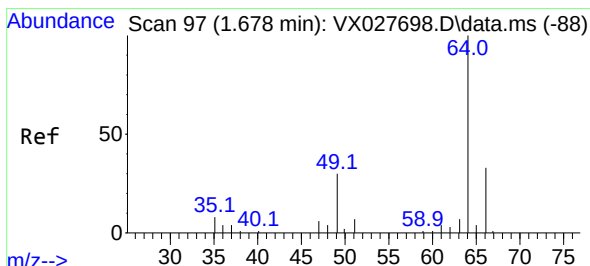
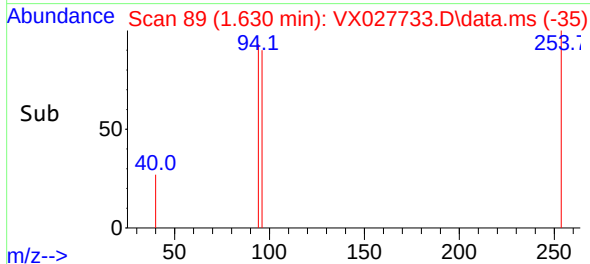
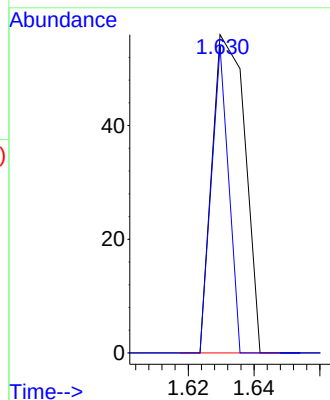
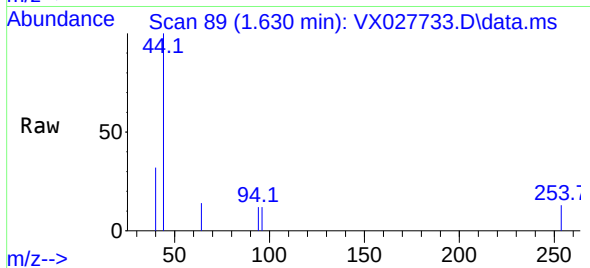




#5
Bromomethane
Concen: 0.138 ug/l
RT: 1.630 min Scan# 84
Delta R.T. 0.031 min
Lab File: VX027733.D
Acq: 26 Mar 2022 17:37

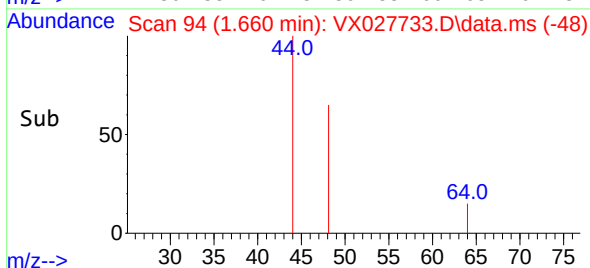
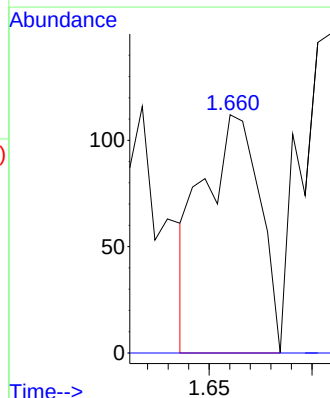
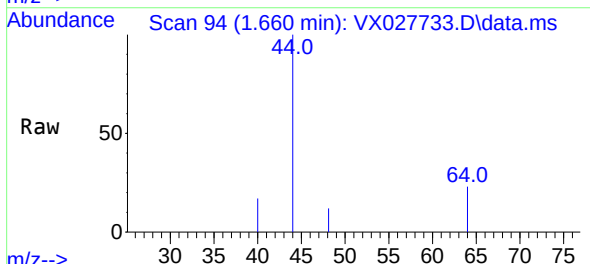
Instrument :
MSVOA_X
ClientSampleId :
GW-01-(SB-01)

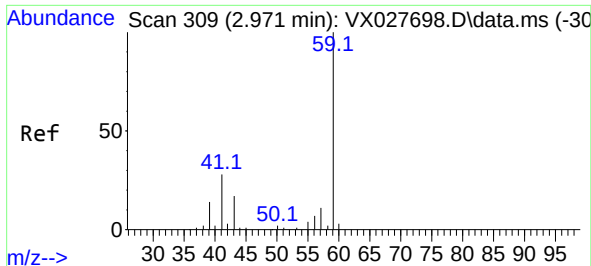
Tgt Ion: 94 Resp: 39
Ion Ratio Lower Upper
94 100
96 96.4 75.3 112.9



#6
Chloroethane
Concen: 0.478 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.018 min
Lab File: VX027733.D
Acq: 26 Mar 2022 17:37

Tgt Ion: 64 Resp: 216
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#





#11

Tert butyl alcohol

Concen: 1.519 ug/l

RT: 2.953 min Scan# 309

Delta R.T. -0.018 min

Lab File: VX027733.D

Acq: 26 Mar 2022 17:37

Instrument :

MSVOA_X

ClientSampleId :

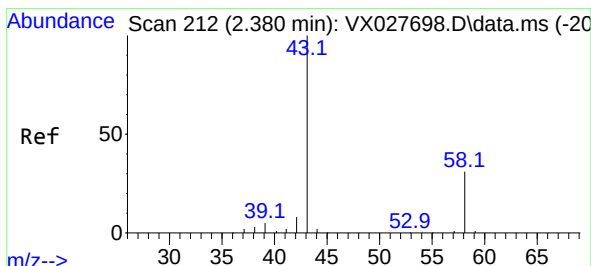
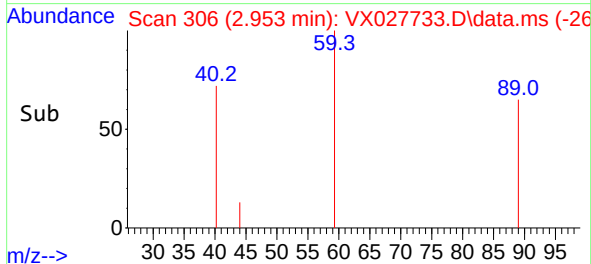
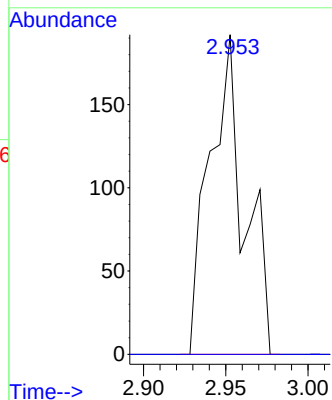
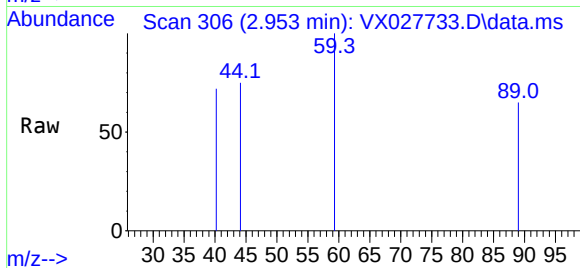
GW-01-(SB-01)

Tgt Ion: 59 Resp: 283

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 3.075 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX027733.D

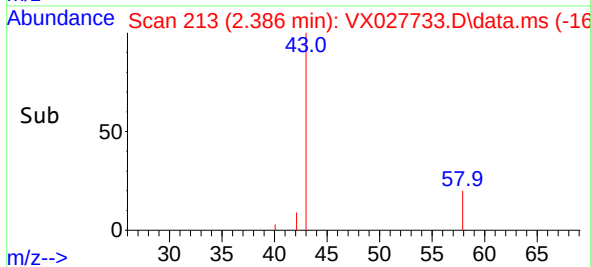
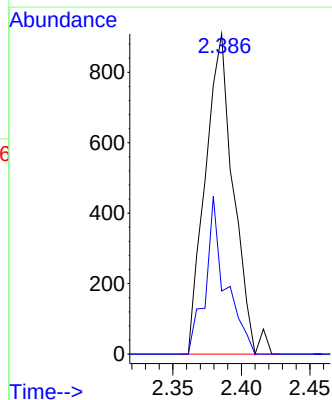
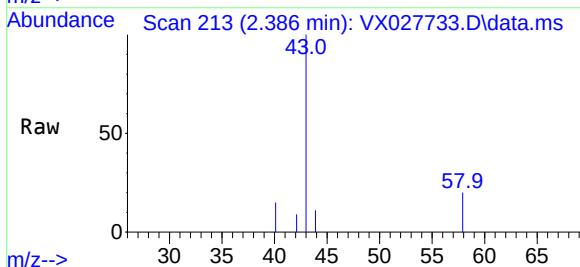
Acq: 26 Mar 2022 17:37

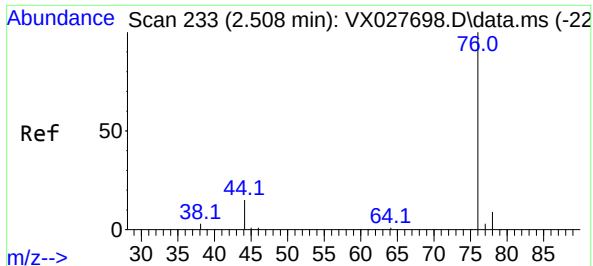
Tgt Ion: 43 Resp: 1301

Ion Ratio Lower Upper

43 100

58 19.7 28.8 43.2#

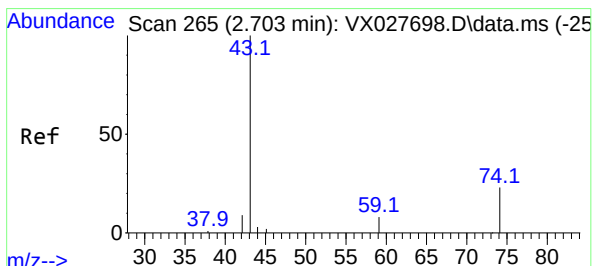
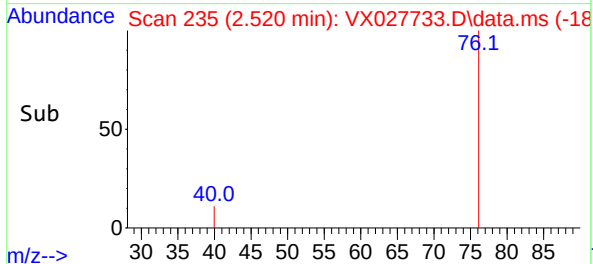
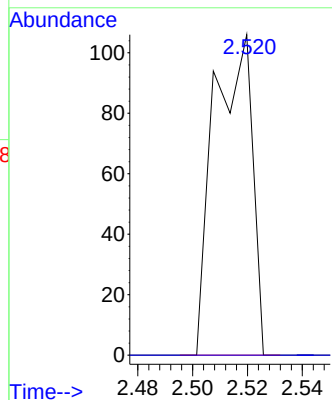
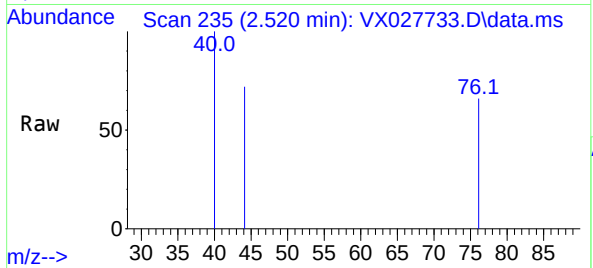




#17
Carbon Disulfide
Concen: 0.059 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX027733.D
Acq: 26 Mar 2022 17:37

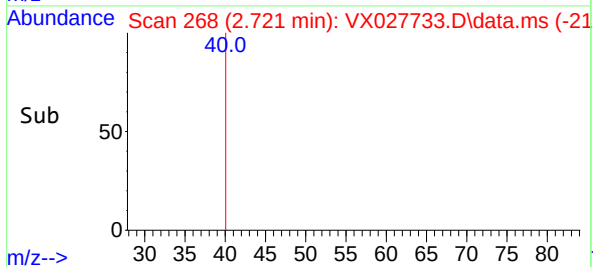
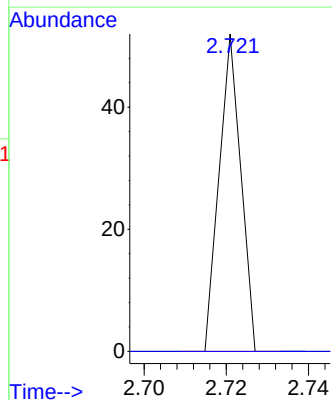
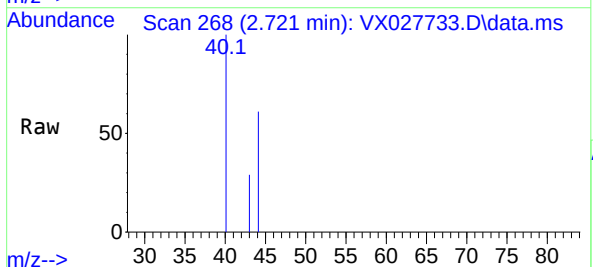
Instrument :
MSVOA_X
ClientSampleId :
GW-01-(SB-01)

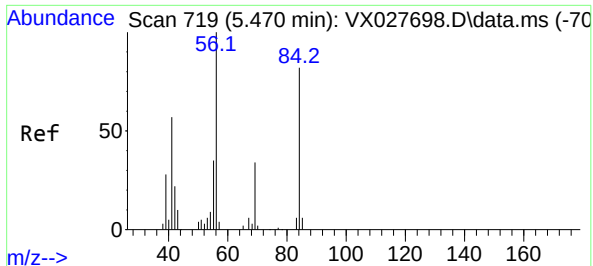
Tgt Ion: 76 Resp: 102
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.018 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.018 min
Lab File: VX027733.D
Acq: 26 Mar 2022 17:37

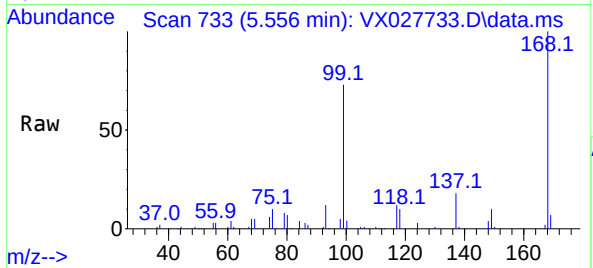
Tgt Ion: 43 Resp: 19
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#



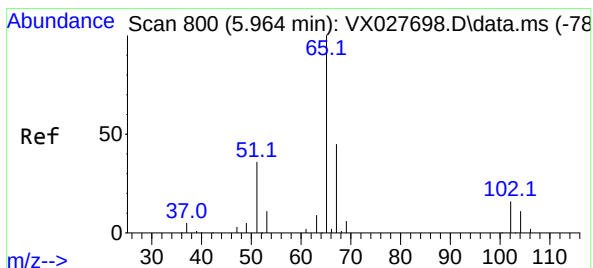
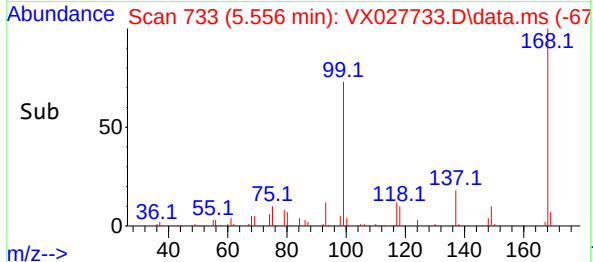
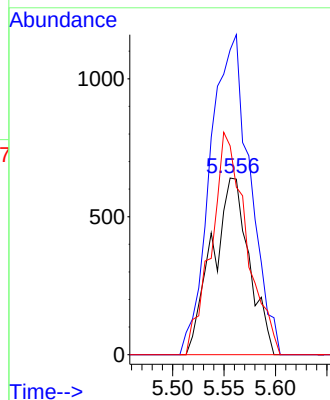


#31
Cyclohexane
Concen: 1.321 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX027733.D
Acq: 26 Mar 2022 17:37

Instrument :
MSVOA_X
ClientSampleId :
GW-01-(SB-01)

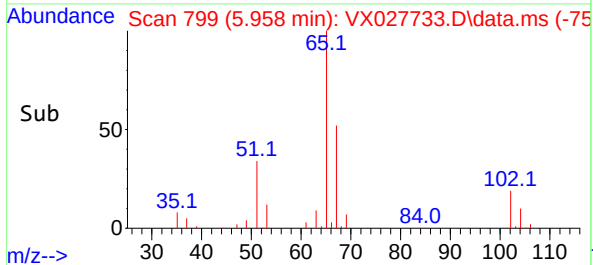
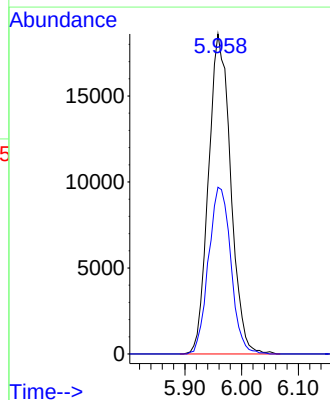
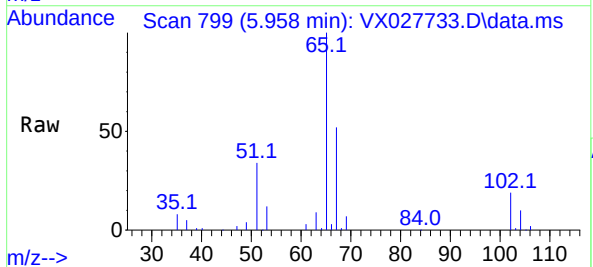


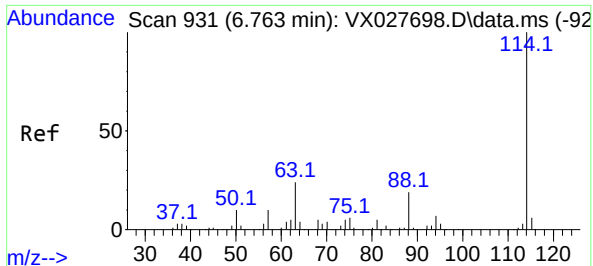
Tgt Ion: 56 Resp: 1603
Ion Ratio Lower Upper
56 100
69 172.7 26.7 40.1#
84 118.3 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 50.569 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX027733.D
Acq: 26 Mar 2022 17:37

Tgt Ion: 65 Resp: 50590
Ion Ratio Lower Upper
65 100
67 52.4 0.0 107.4

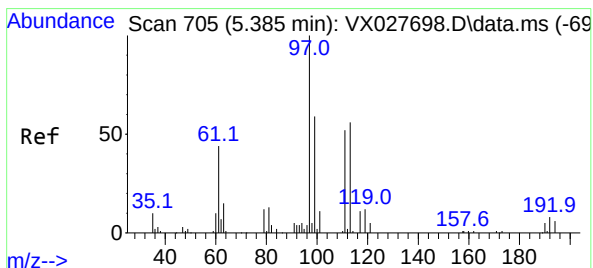
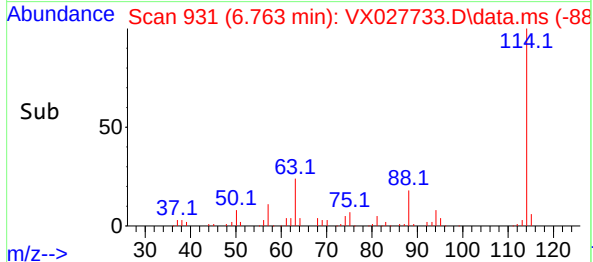
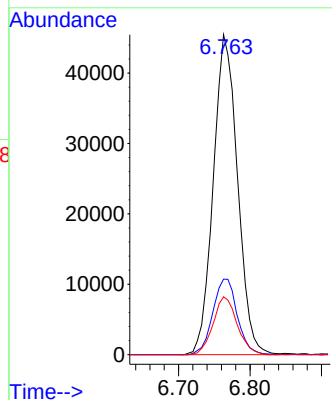
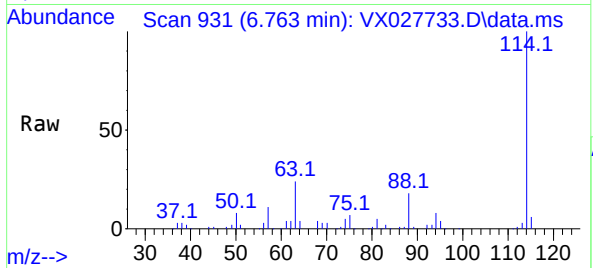




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX027733.D
Acq: 26 Mar 2022 17:37

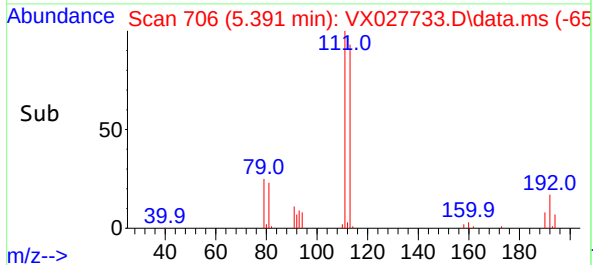
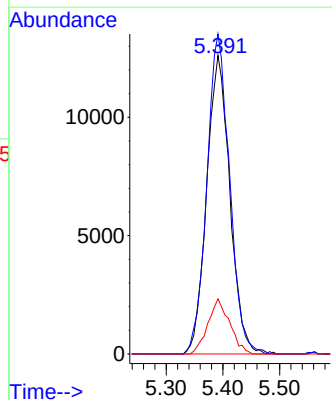
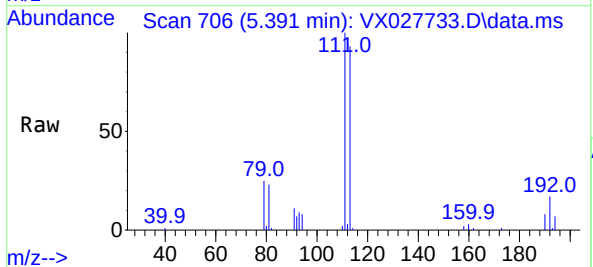
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MSVOA_X
ClientSampleId :
GW-01-(SB-01)

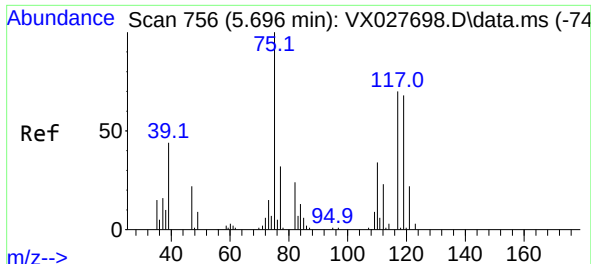
Tgt Ion:114 Resp: 107121
Ion Ratio Lower Upper
114 100
63 23.6 0.0 36.8
88 18.1 0.0 32.4



#35
Dibromofluoromethane
Concen: 51.001 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX027733.D
Acq: 26 Mar 2022 17:37

Tgt Ion:113 Resp: 35877
Ion Ratio Lower Upper
113 100
111 104.9 82.8 124.2
192 17.3 16.9 25.3

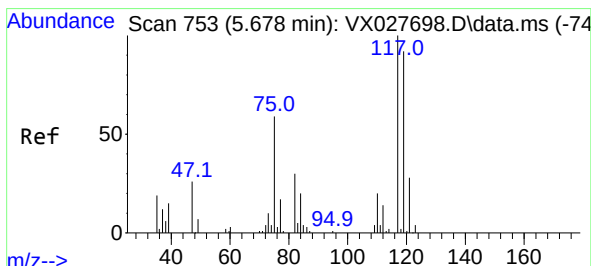
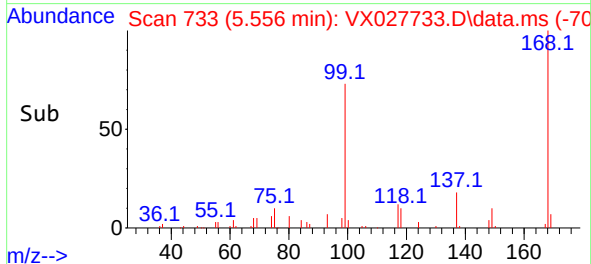
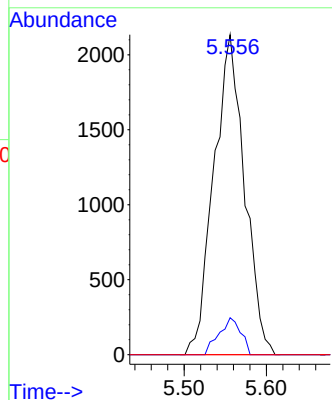
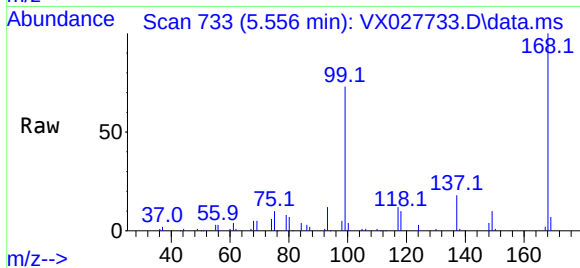




#36
1,1-Dichloropropene
Concen: 4.988 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX027733.D
Acq: 26 Mar 2022 17:37

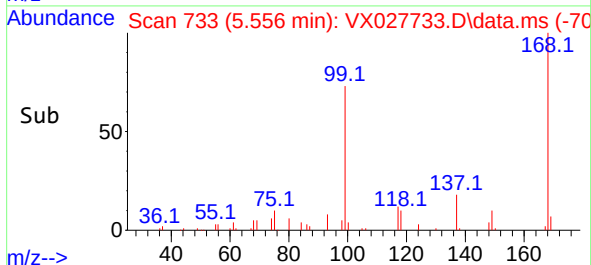
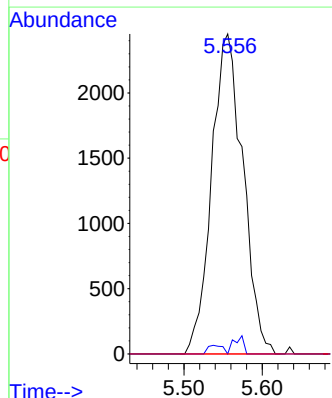
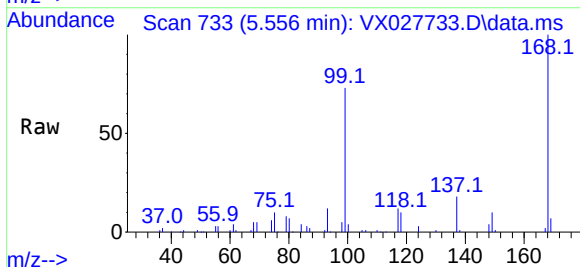
Instrument :
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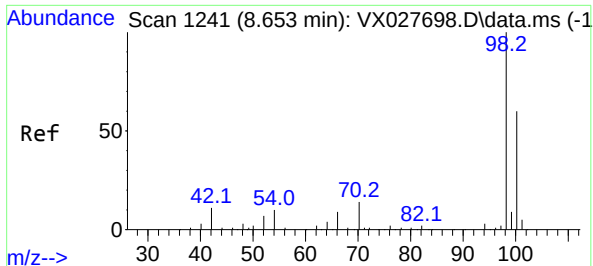
Tgt Ion: 75 Resp: 5542
Ion Ratio Lower Upper
75 100
110 8.2 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.271 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX027733.D
Acq: 26 Mar 2022 17:37

Tgt Ion: 117 Resp: 6809
Ion Ratio Lower Upper
117 100
119 0.0 77.3 115.9#
121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 47.181 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX027733.D

Acq: 26 Mar 2022 17:37

Instrument :

MSVOA_X

ClientSampleId :

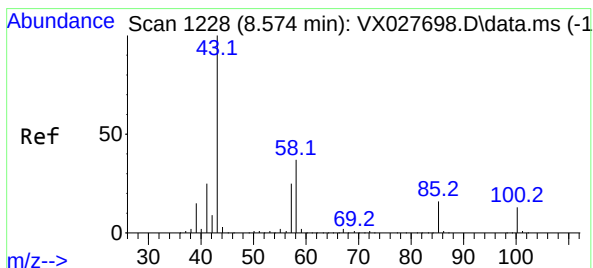
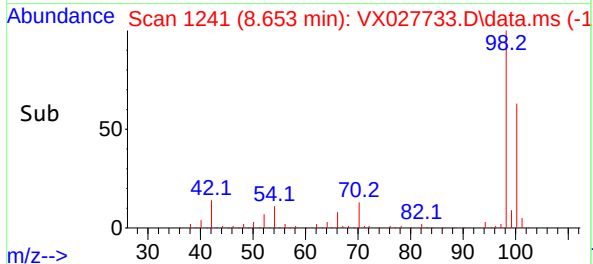
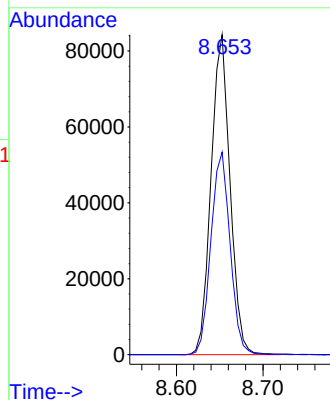
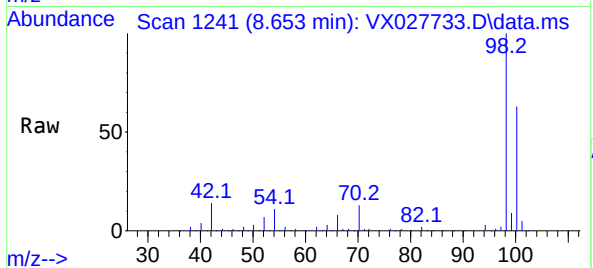
GW-01-(SB-01)

Tgt Ion: 98 Resp: 128301

Ion Ratio Lower Upper

98 100

100 64.0 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 0.509 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX027733.D

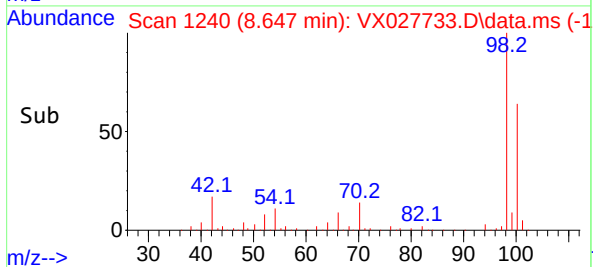
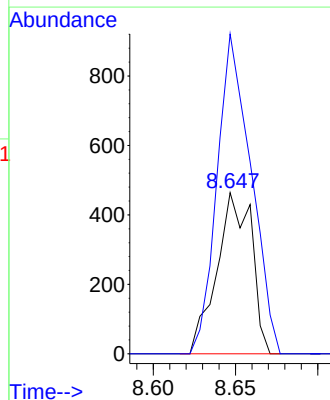
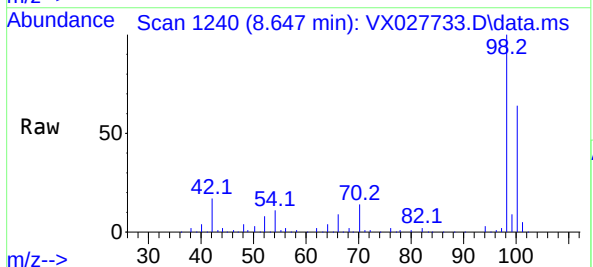
Acq: 26 Mar 2022 17:37

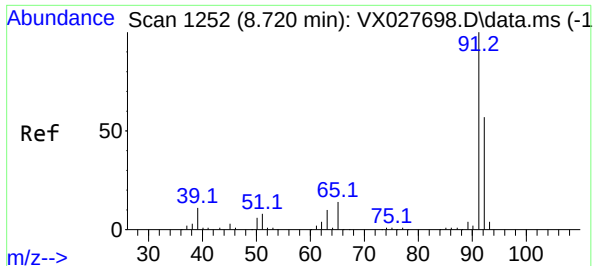
Tgt Ion: 43 Resp: 682

Ion Ratio Lower Upper

43 100

58 194.0 36.1 54.1#

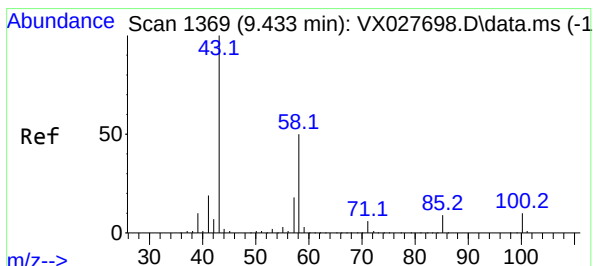
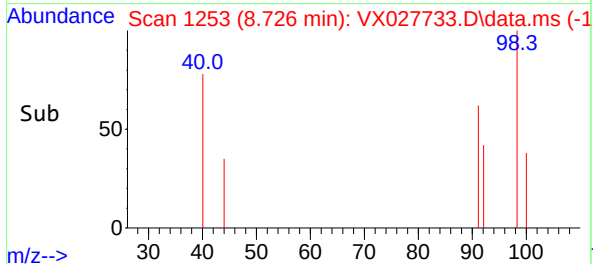
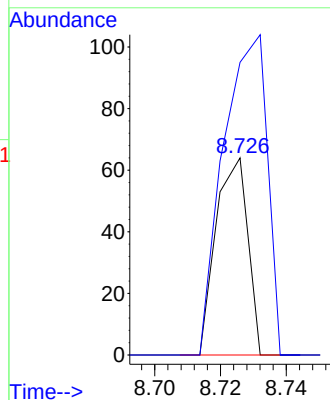
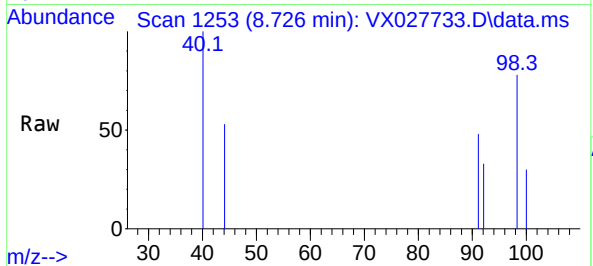




#52
Toluene
Concen: 0.022 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX027733.D
Acq: 26 Mar 2022 17:37

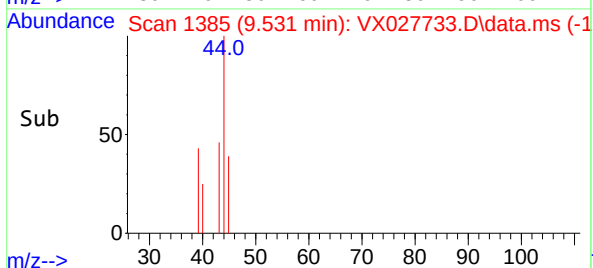
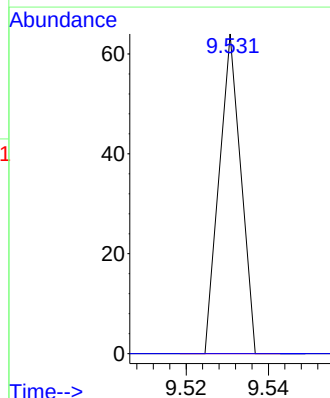
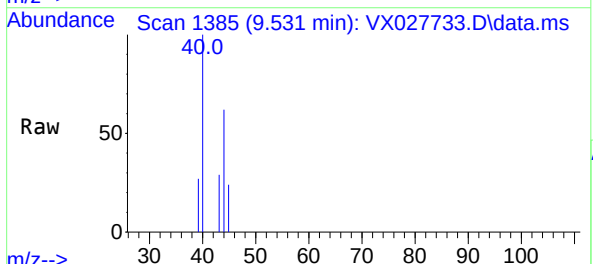
Instrument :
MSVOA_X
ClientSampleId :
GW-01-(SB-01)

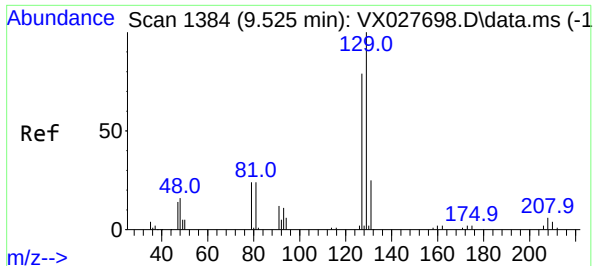
Tgt Ion: 92 Resp: 43
Ion Ratio Lower Upper
92 100
91 223.3 137.5 206.3#



#59
2-Hexanone
Concen: 0.022 ug/l
RT: 9.531 min Scan# 1385
Delta R.T. 0.098 min
Lab File: VX027733.D
Acq: 26 Mar 2022 17:37

Tgt Ion: 43 Resp: 23
Ion Ratio Lower Upper
43 100
58 0.0 31.9 95.7#

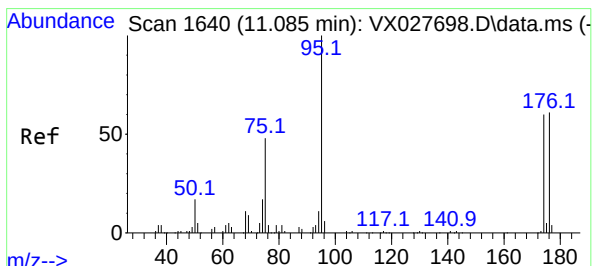
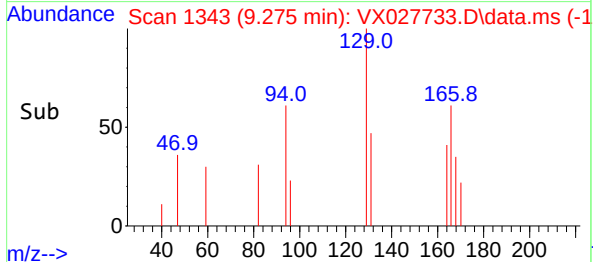
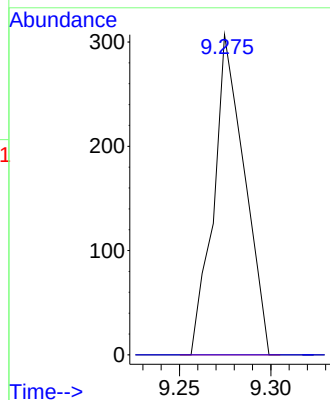
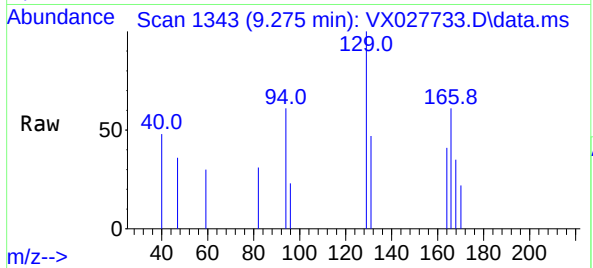




#60
Dibromochloromethane
Concen: 0.480 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX027733.D
Acq: 26 Mar 2022 17:37

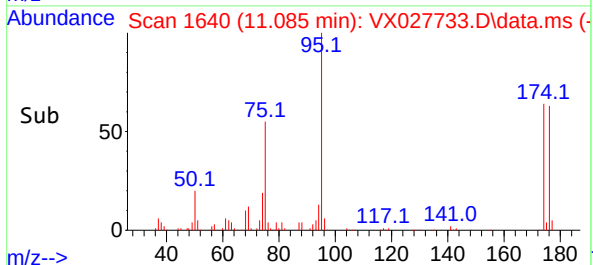
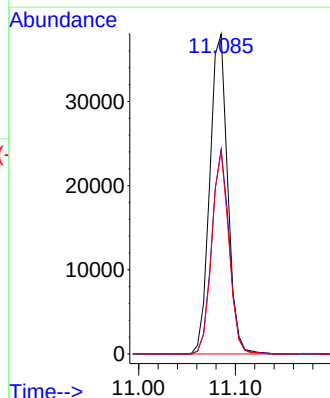
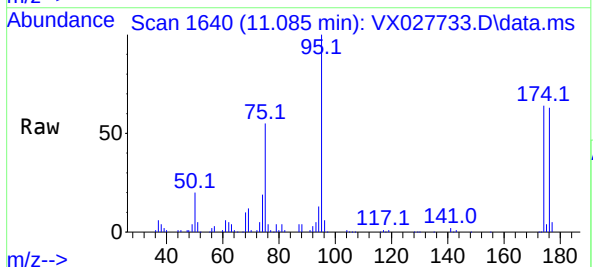
Instrument :
MSVOA_X
ClientSampleId :
GW-01-(SB-01)

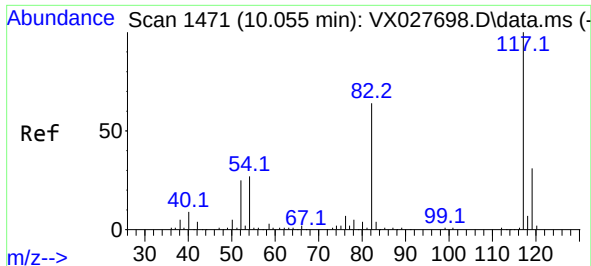
Tgt Ion:129 Resp: 362
Ion Ratio Lower Upper
129 100
127 0.0 40.3 120.8#



#62
4-Bromofluorobenzene
Concen: 44.168 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027733.D
Acq: 26 Mar 2022 17:37

Tgt Ion: 95 Resp: 48735
Ion Ratio Lower Upper
95 100
174 62.5 0.0 163.0
176 60.9 0.0 155.0

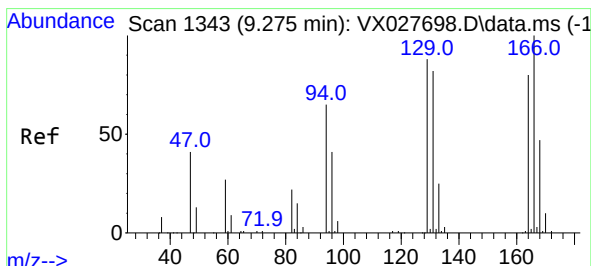
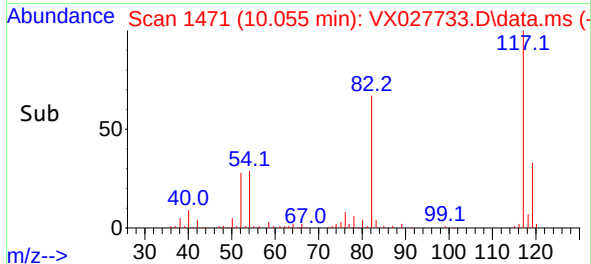
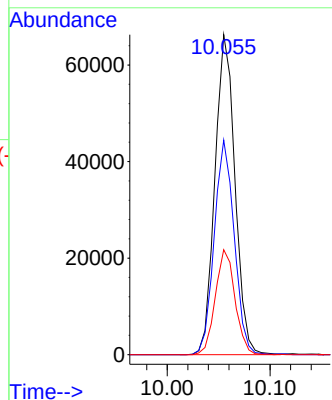
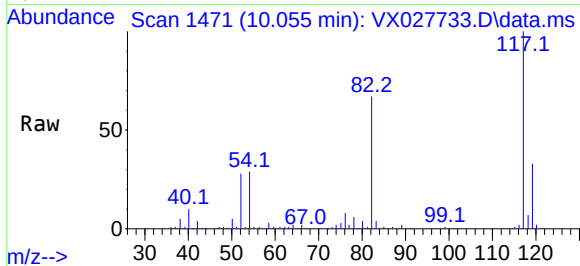




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027733.D
Acq: 26 Mar 2022 17:37

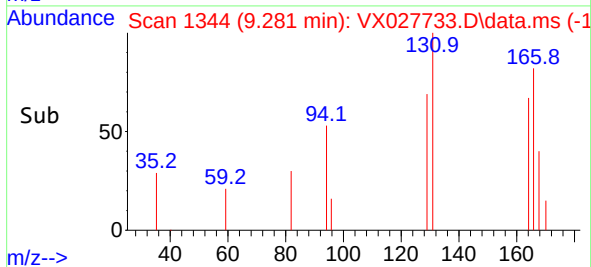
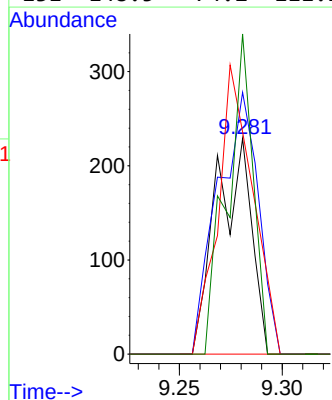
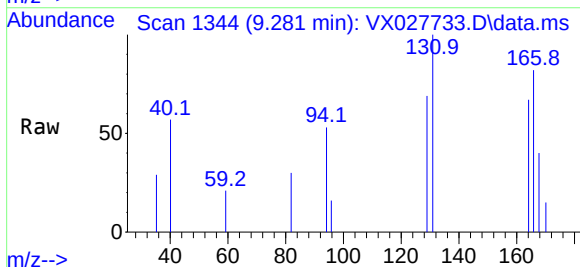
Instrument :
MSVOA_X
ClientSampleId :
GW-01-(SB-01)

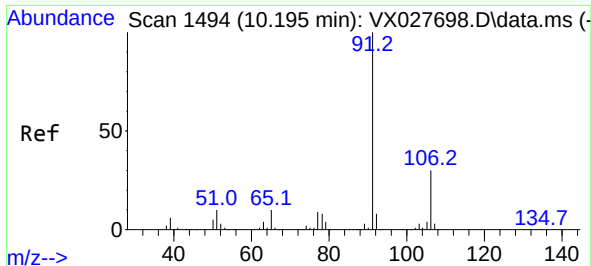
Tgt Ion:117 Resp: 90008
Ion Ratio Lower Upper
117 100
82 67.0 41.8 62.8#
119 32.8 24.8 37.2



#64
Tetrachloroethene
Concen: Below Cal
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX027733.D
Acq: 26 Mar 2022 17:37

Tgt Ion:164 Resp: 274
Ion Ratio Lower Upper
164 100
166 121.4 101.2 151.8
129 103.1 73.0 109.4
131 148.5 74.2 111.2#





#67

Ethyl Benzene

Concen: 0.027 ug/l

RT: 10.201 min Scan# 1495

Delta R.T. 0.006 min

Lab File: VX027733.D

Acq: 26 Mar 2022 17:37

Instrument :

MSVOA_X

ClientSampleId :

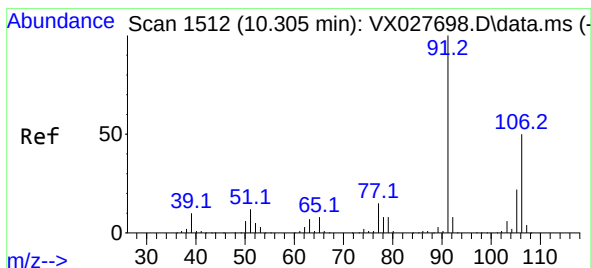
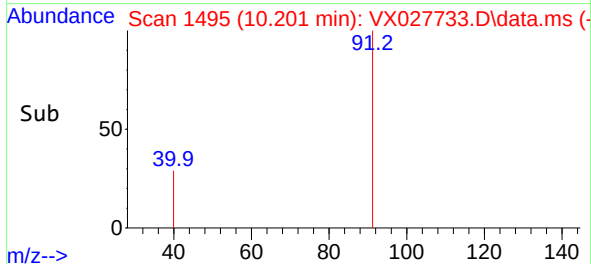
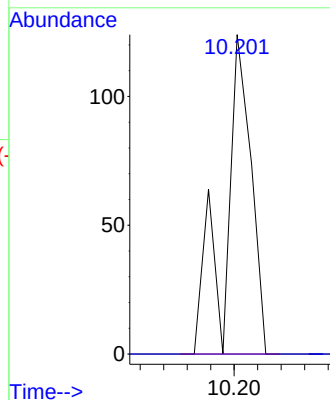
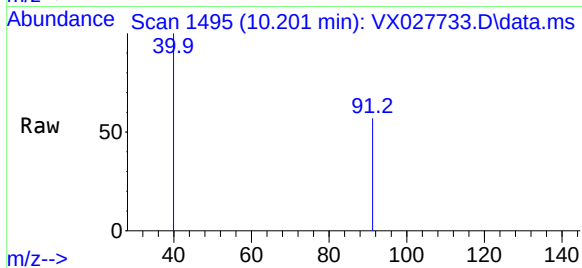
GW-01-(SB-01)

Tgt Ion: 91 Resp: 96

Ion Ratio Lower Upper

91 100

106 0.0 24.6 36.8#



#68

m/p-Xylenes

Concen: 0.017 ug/l

RT: 10.311 min Scan# 1513

Delta R.T. 0.006 min

Lab File: VX027733.D

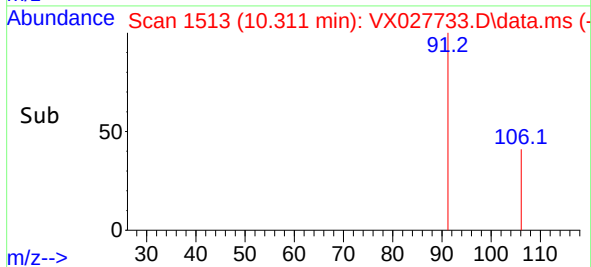
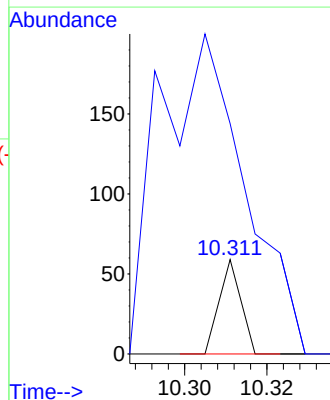
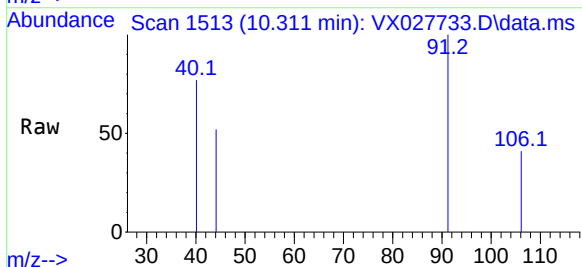
Acq: 26 Mar 2022 17:37

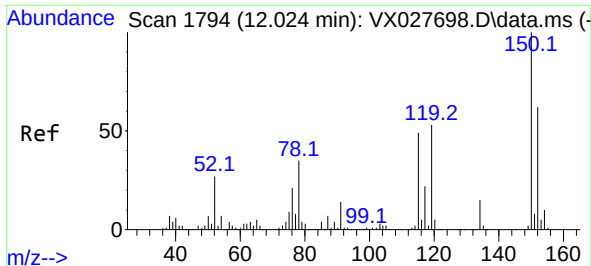
Tgt Ion:106 Resp: 22

Ion Ratio Lower Upper

106 100

91 1313.6 160.4 240.6#

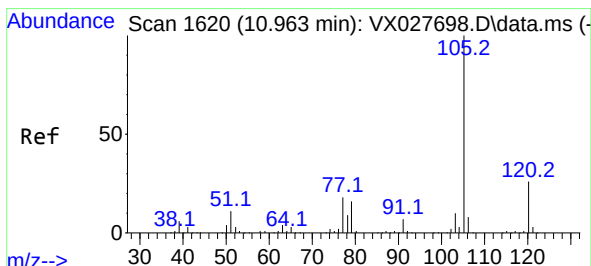
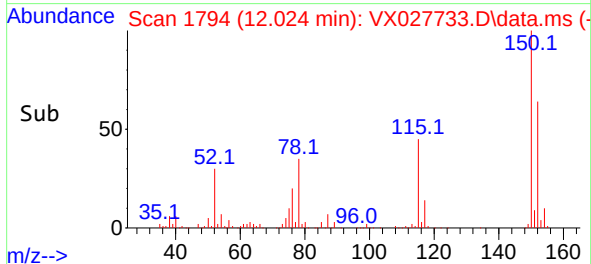
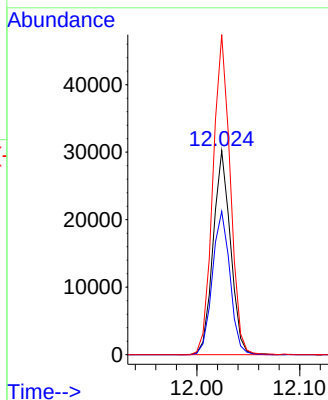
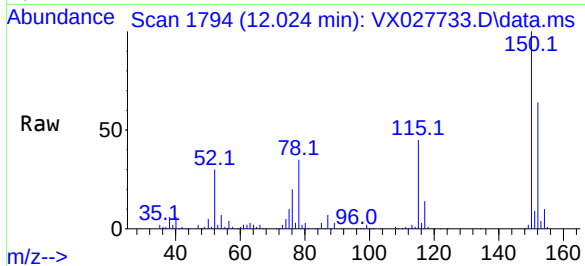




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027733.D
Acq: 26 Mar 2022 17:37

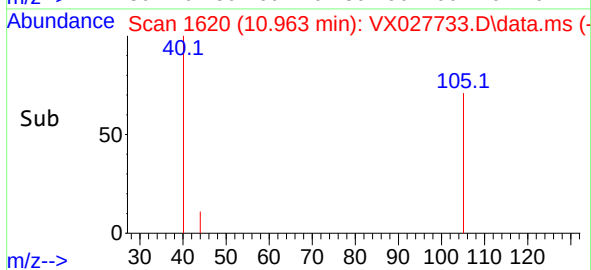
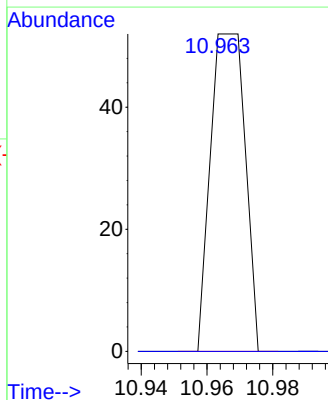
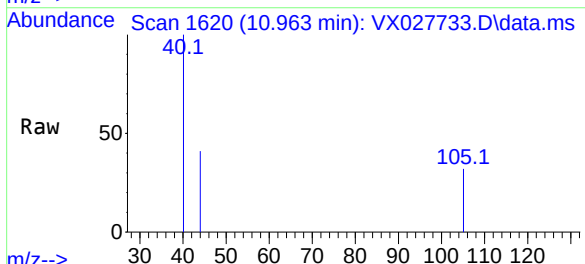
Instrument :
MSVOA_X
ClientSampleId :
GW-01-(SB-01)

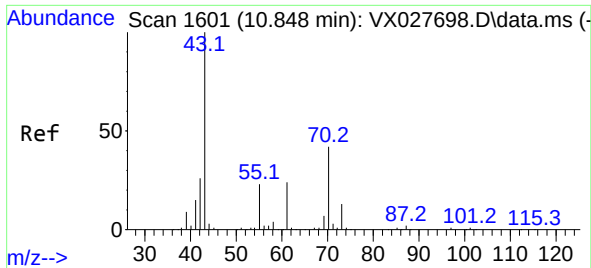
Tgt Ion:152 Resp: 35364
Ion Ratio Lower Upper
152 100
115 71.1 37.5 112.7
150 156.7 0.0 338.2



#73
Isopropylbenzene
Concen: 0.013 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX027733.D
Acq: 26 Mar 2022 17:37

Tgt Ion:105 Resp: 38
Ion Ratio Lower Upper
105 100
120 0.0 13.5 40.5#

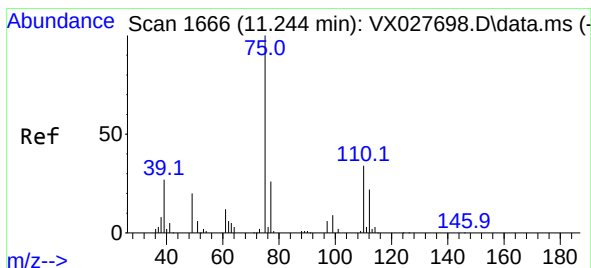
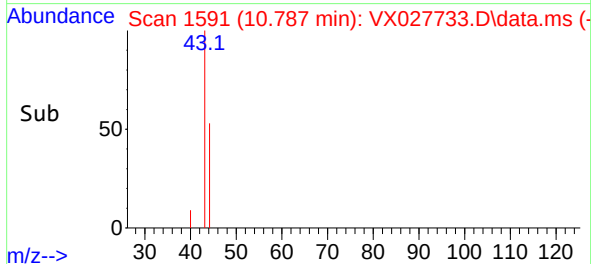
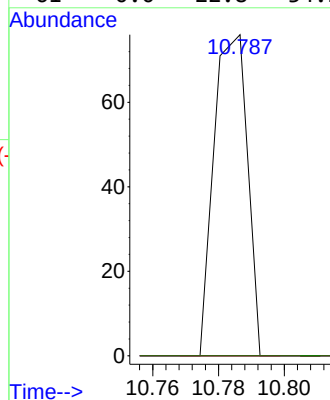
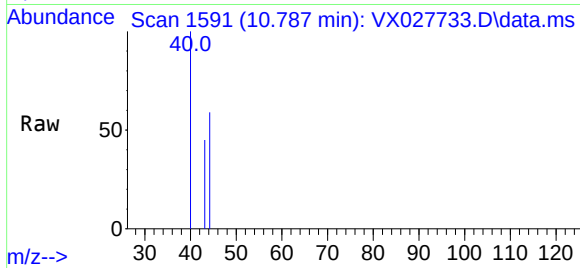




#74
N-amy1 acetate
Concen: 0.039 ug/l
RT: 10.787 min Scan# 11
Delta R.T. -0.061 min
Lab File: VX027733.D
Acq: 26 Mar 2022 17:37

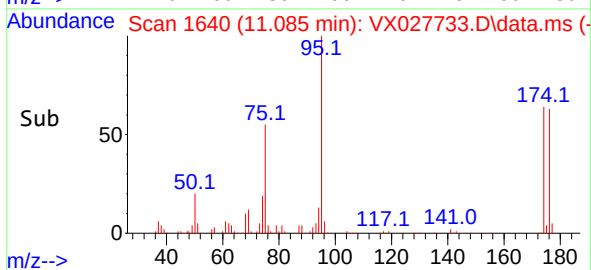
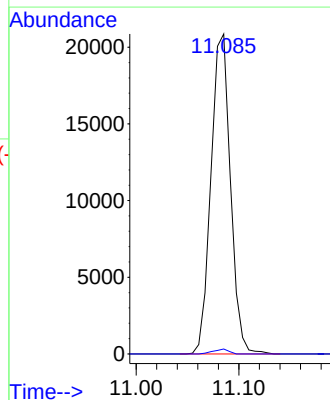
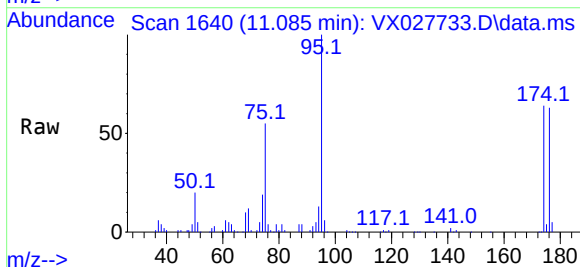
Instrument :
MSVOA_X
ClientSampleId :
GW-01-(SB-01)

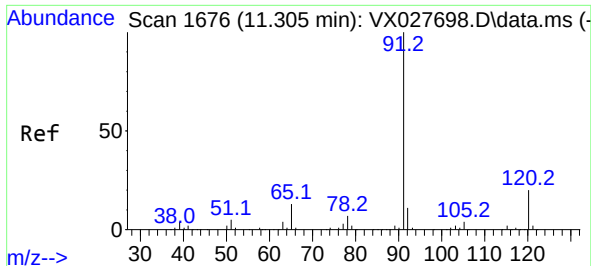
Tgt Ion: 43	Resp:	54
Ion	Ratio	Lower Upper
43	100	
70	0.0	42.5 63.7#
55	0.0	23.1 34.7#
61	0.0	22.8 34.2#



#76
1,2,3-Trichloropropane
Concen: 27.882 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX027733.D
Acq: 26 Mar 2022 17:37

Tgt Ion: 75	Resp:	27453
Ion	Ratio	Lower Upper
75	100	
77	1.2	19.4 58.2#

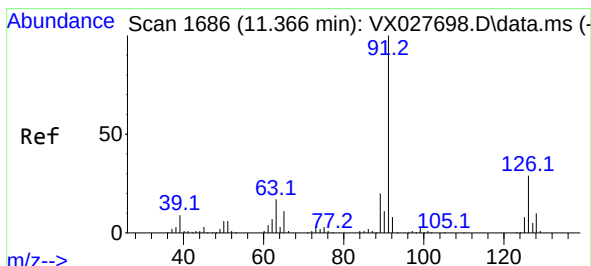
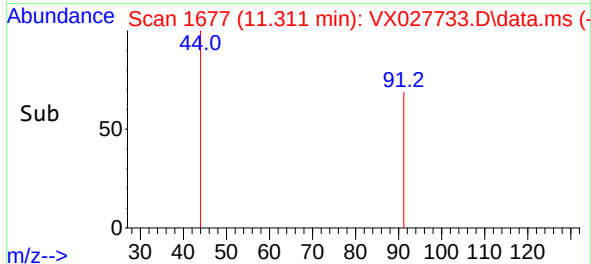
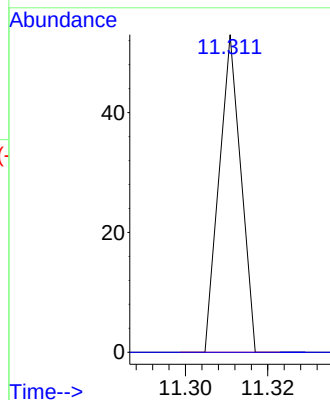
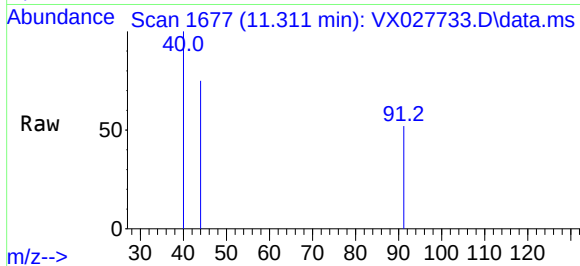




#78
n-propylbenzene
Concen: 0.006 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX027733.D
Acq: 26 Mar 2022 17:37

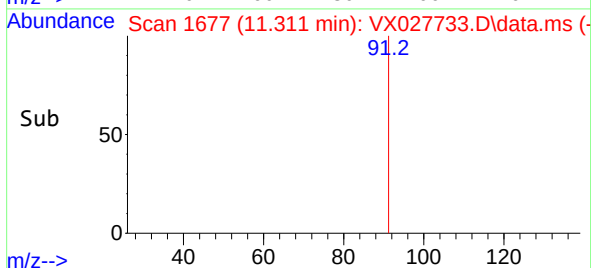
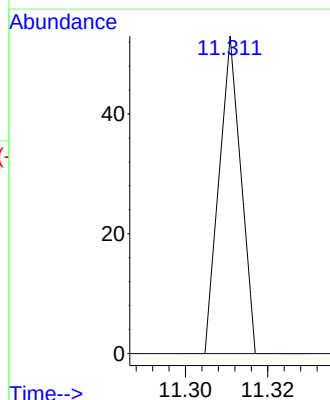
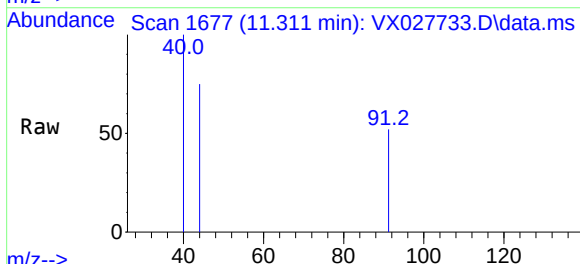
Instrument :
MSVOA_X
ClientSampleId :
GW-01-(SB-01)

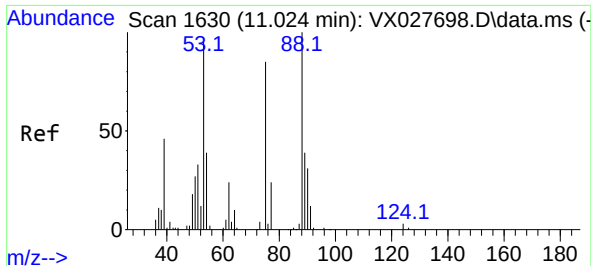
Tgt Ion: 91 Resp: 19
Ion Ratio Lower Upper
91 100
120 0.0 11.6 34.8#



#79
2-Chlorotoluene
Concen: 0.009 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. -0.055 min
Lab File: VX027733.D
Acq: 26 Mar 2022 17:37

Tgt Ion: 91 Resp: 19
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.9#

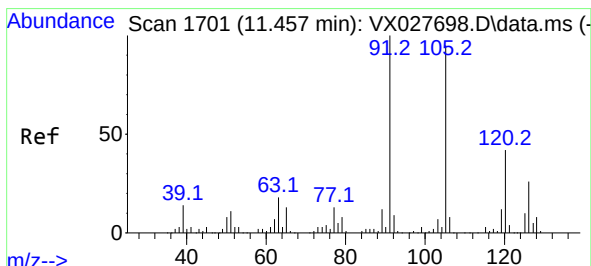
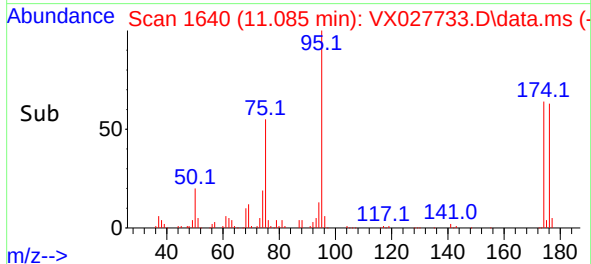
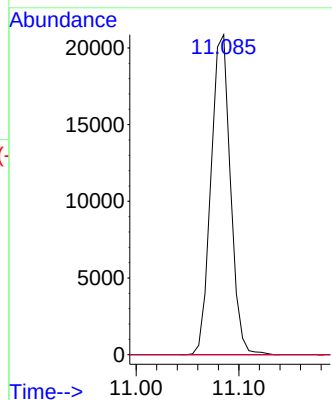
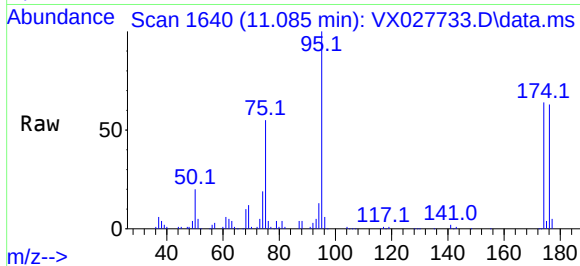




#81
trans-1,4-Dichloro-2-butene
Concen: 94.906 ug/l
RT: 11.085 min Scan# 11085
Delta R.T. 0.061 min
Lab File: VX027733.D
Acq: 26 Mar 2022 17:37

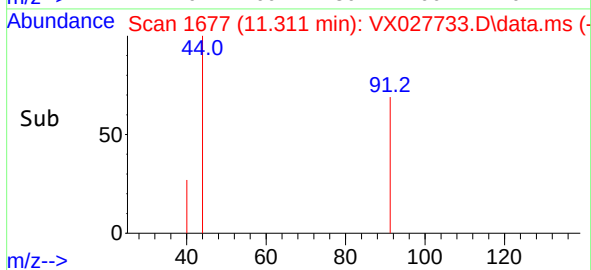
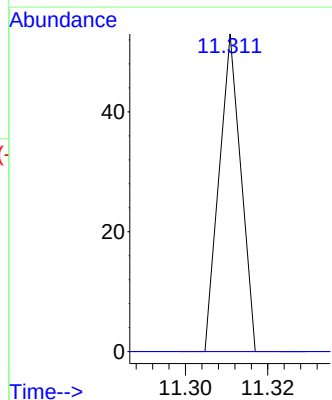
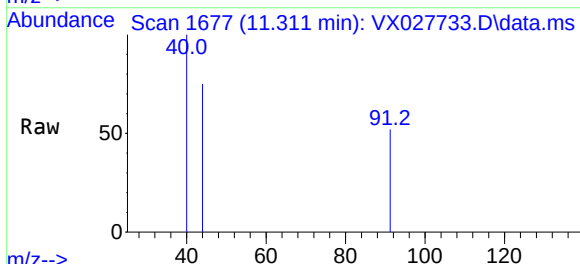
Instrument :
MSVOA_X
ClientSampleId :
GW-01-(SB-01)

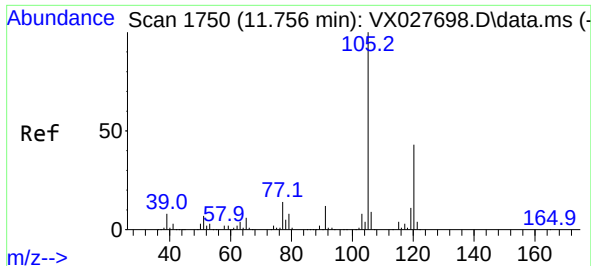
Tgt Ion: 75 Resp: 27453
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#82
4-Chlorotoluene
Concen: 0.008 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. -0.146 min
Lab File: VX027733.D
Acq: 26 Mar 2022 17:37

Tgt Ion: 91 Resp: 19
Ion Ratio Lower Upper
91 100
126 0.0 14.9 44.5#

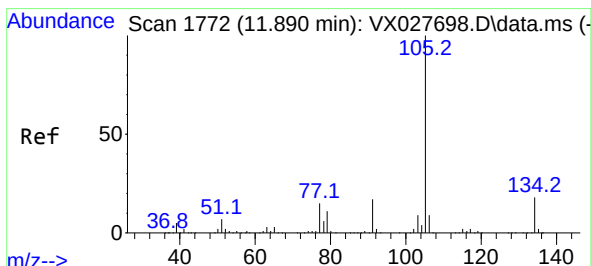
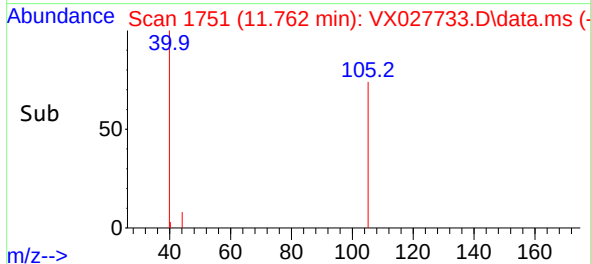
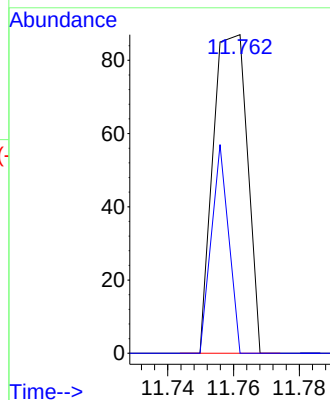
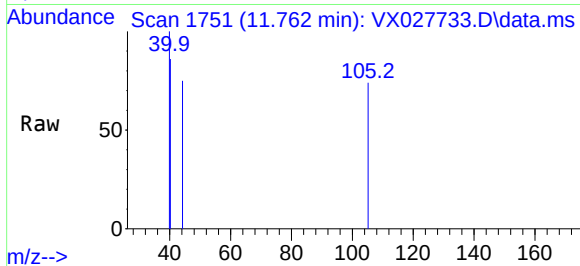




#84
1,2,4-Trimethylbenzene
Concen: 0.025 ug/l
RT: 11.762 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VX027733.D
Acq: 26 Mar 2022 17:37

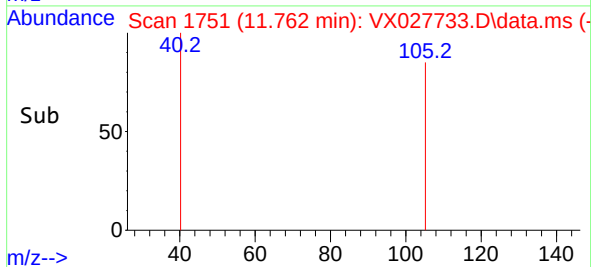
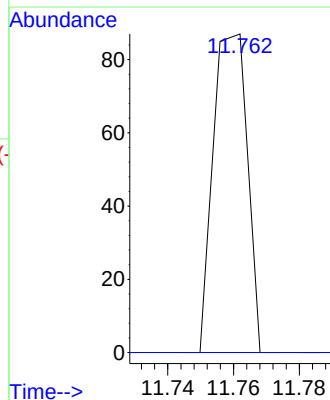
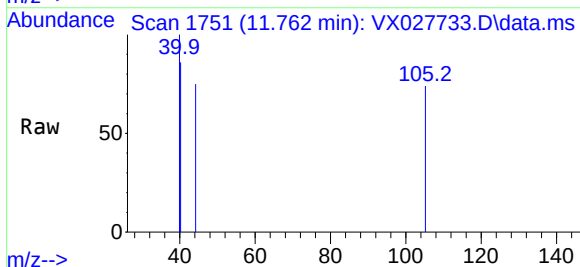
Instrument :
MSVOA_X
ClientSampleId :
GW-01-(SB-01)

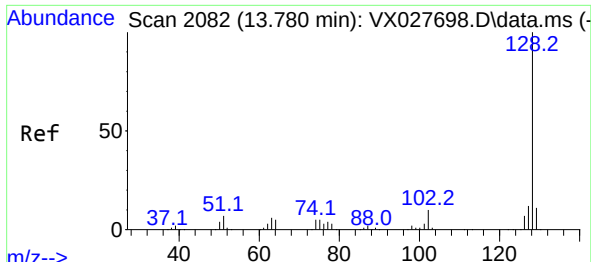
Tgt Ion:105 Resp: 63
Ion Ratio Lower Upper
105 100
120 33.3 22.6 67.8



#85
sec-Butylbenzene
Concen: 0.021 ug/l
RT: 11.762 min Scan# 1751
Delta R.T. -0.128 min
Lab File: VX027733.D
Acq: 26 Mar 2022 17:37

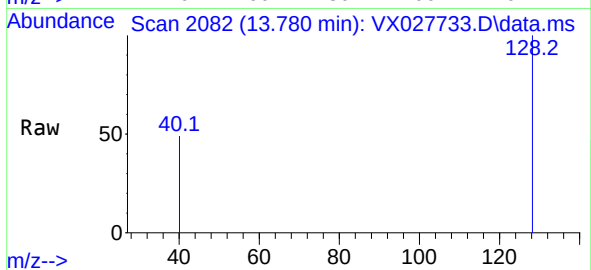
Tgt Ion:105 Resp: 63
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#





#95
Naphthalene
Concen: 0.080 ug/l
RT: 13.780 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX027733.D
Acq: 26 Mar 2022 17:37

Instrument :
MSVOA_X
ClientSampleId :
GW-01-(SB-01)



Tgt Ion:128 Resp: 202
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.7 13.1#

