

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112921\
 Data File : VX025372.D
 Acq On : 29 Nov 2021 16:11
 Operator : JC/MD
 Sample : M4816-03DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWBR3D-B-378-399-112221DL

Quant Time: Nov 29 16:35:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

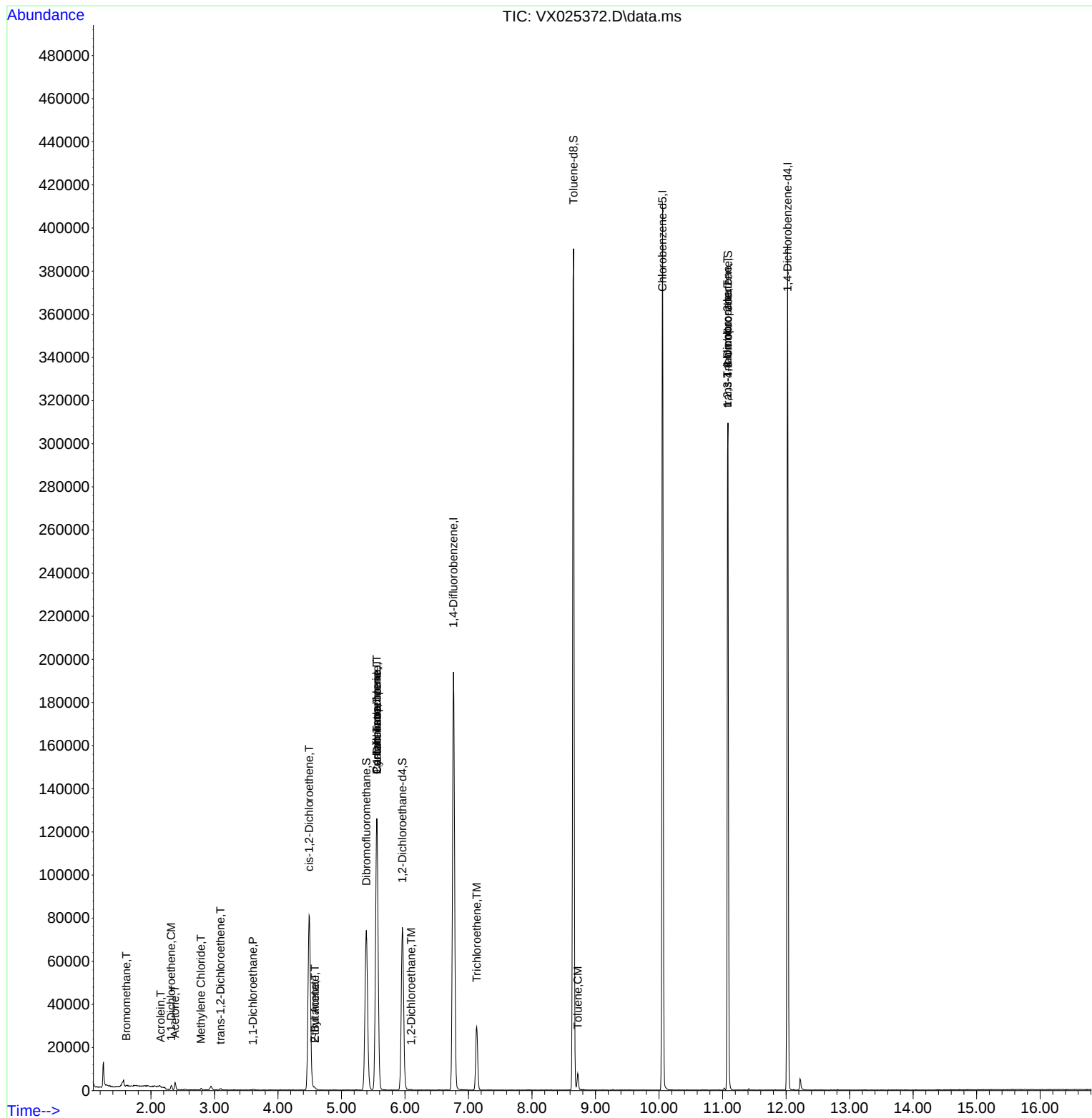
Internal Standards						
1) Pentafluorobenzene	5.556	168	129043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	208395	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	187465	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84762	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70163	51.583	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.160%
35) Dibromofluoromethane	5.391	113	63355	49.549	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.100%
50) Toluene-d8	8.653	98	241041	50.138	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.280%
62) 4-Bromofluorobenzene	11.085	95	83792	46.072	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.140%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	155	0.237	ug/l	89
11) Tert butyl alcohol	2.940	59	1096	Below Cal	#	72
12) 1,1-Dichloroethene	2.319	96	697	0.583	ug/l	98
13) Acrolein	2.154	56	51	0.818	ug/l #	10
16) Acetone	2.380	43	3514	4.649	ug/l	92
20) Methylene Chloride	2.788	84	392	0.276	ug/l #	77
21) trans-1,2-Dichloroethene	3.093	96	368	0.281	ug/l	97
24) 1,1-Dichloroethane	3.605	63	507	0.225	ug/l #	83
25) 2-Butanone	4.580	43	665	0.609	ug/l #	48
27) cis-1,2-Dichloroethene	4.489	96	54887	35.872	ug/l	80
31) Cyclohexane	5.556	56	2320	1.104	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	8663	4.765	ug/l #	50
37) Ethyl Acetate	4.580	43	665	0.321	ug/l #	68
38) Carbon Tetrachloride	5.556	117	12278	6.131	ug/l #	17
42) 1,2-Dichloroethane	6.098	62	366	0.204	ug/l #	77
44) Trichloroethene	7.129	130	12236	7.647	ug/l	93
52) Toluene	8.720	92	2869	0.798	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	40900	23.563	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	40900	59.360	ug/l #	9

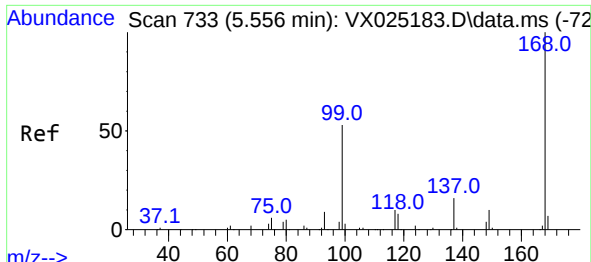
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112921\
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Instrument :
MSVOA_X
ClientSampleId :
GWBR3D-B-378-399-112221DL

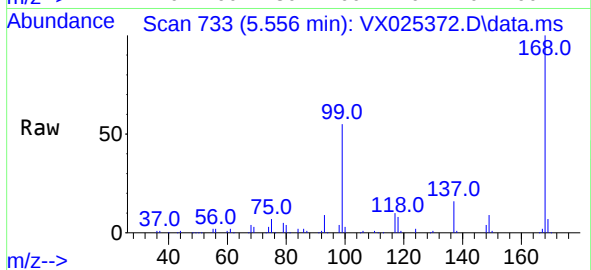
Quant Time: Nov 29 16:35:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
Response via : Initial Calibration



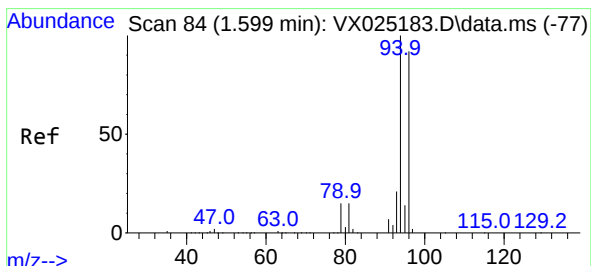
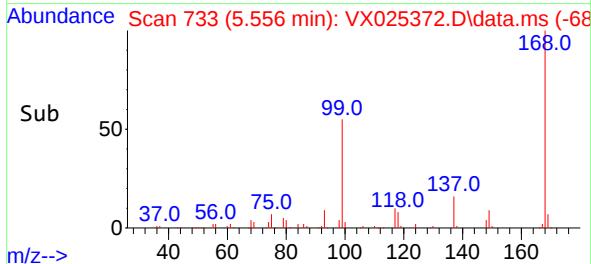
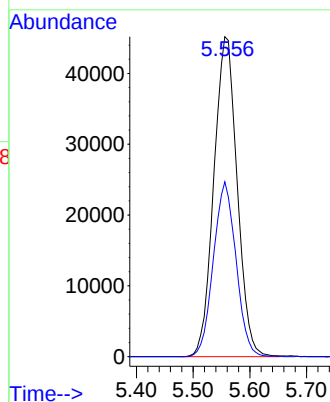


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025372.D
Acq: 29 Nov 2021 16:11

Instrument :
MSVOA_X
ClientSampleId :
GWBR3D-B-378-399-112221DL

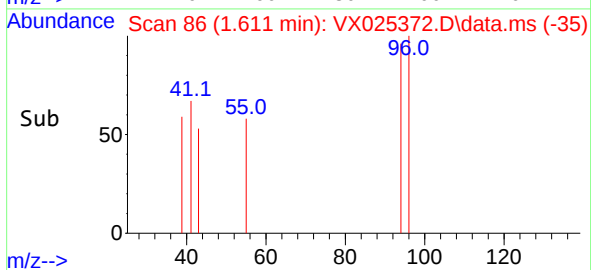
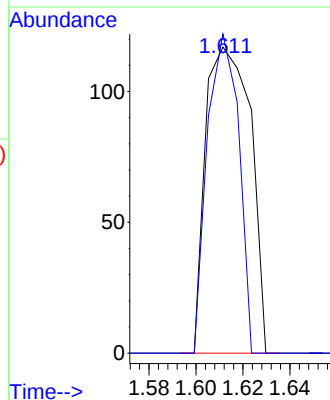
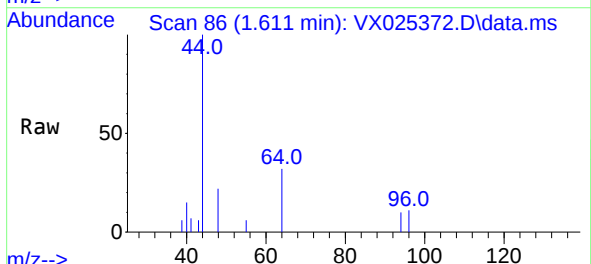


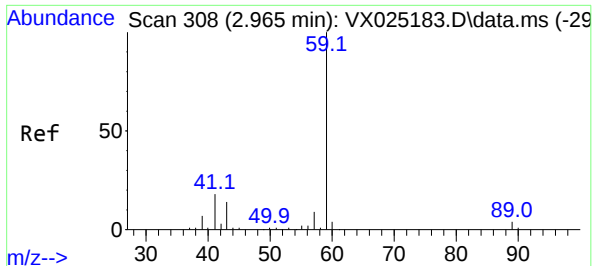
Tgt Ion:168 Resp: 129043
Ion Ratio Lower Upper
168 100
99 54.7 46.4 69.6



#5
Bromomethane
Concen: 0.237 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX025372.D
Acq: 29 Nov 2021 16:11

Tgt Ion: 94 Resp: 155
Ion Ratio Lower Upper
94 100
96 104.3 74.8 112.2

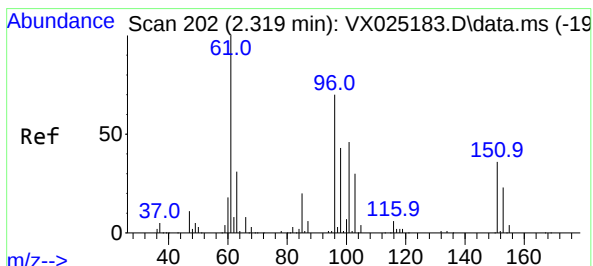
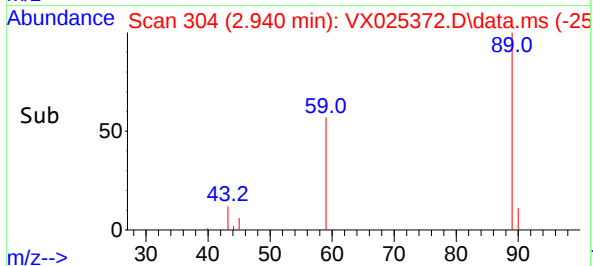
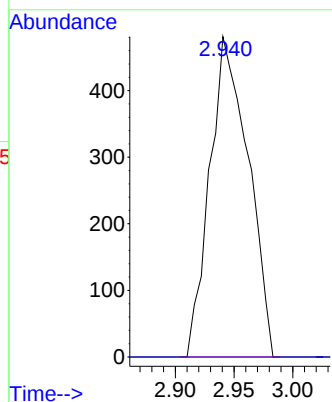
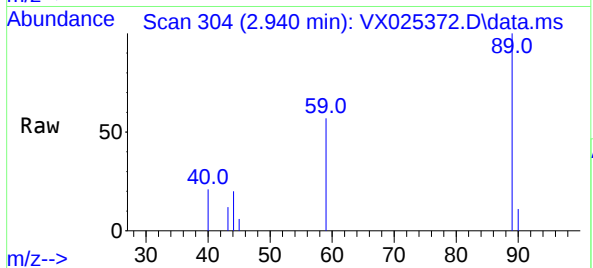




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 308
Delta R.T. -0.025 min
Lab File: VX025372.D
Acq: 29 Nov 2021 16:11

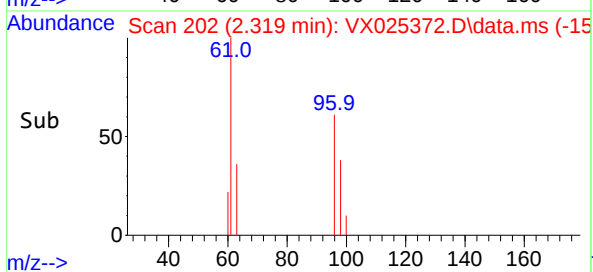
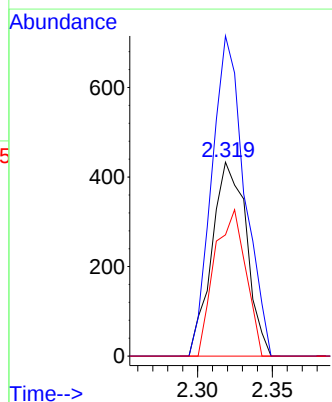
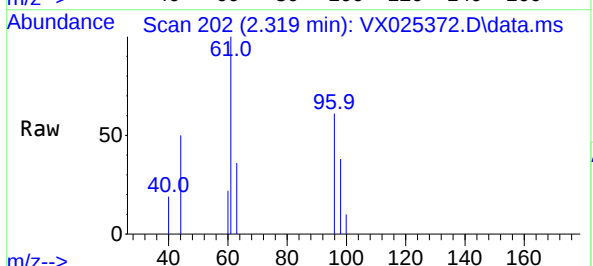
Instrument :
MSVOA_X
ClientSampleId :
GWR3D-B-378-399-112221DL

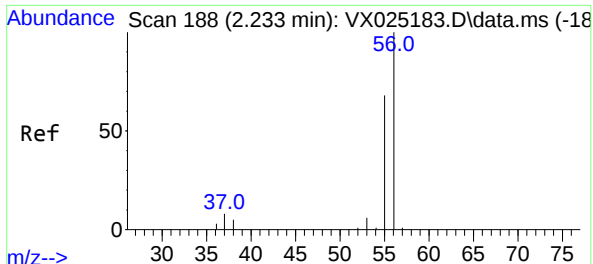
Tgt Ion: 59 Resp: 1096
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#12
1,1-Dichloroethene
Concen: 0.583 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX025372.D
Acq: 29 Nov 2021 16:11

Tgt Ion: 96 Resp: 697
Ion Ratio Lower Upper
96 100
61 165.1 134.1 201.1
98 62.6 51.5 77.3

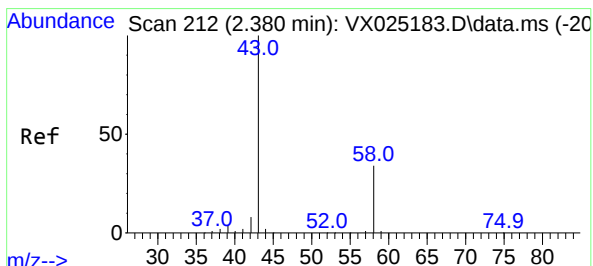
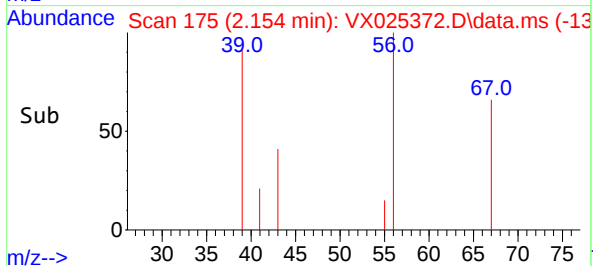
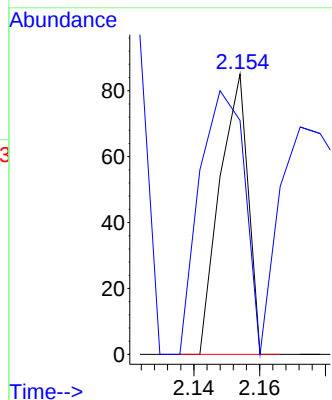
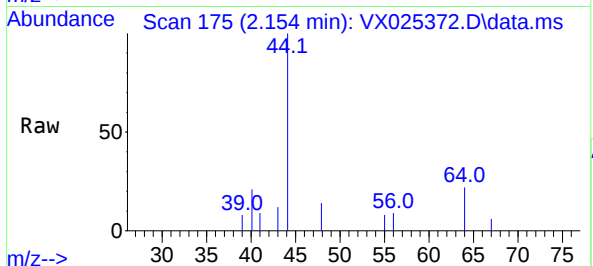




#13
Acrolein
Concen: 0.818 ug/l
RT: 2.154 min Scan# 11
Delta R.T. -0.079 min
Lab File: VX025372.D
Acq: 29 Nov 2021 16:11

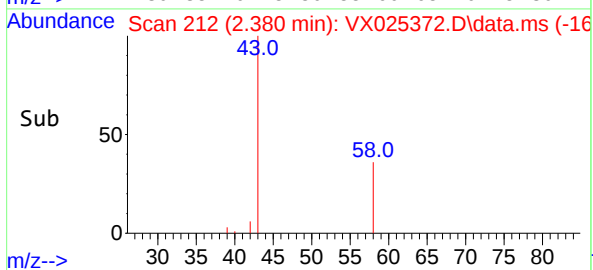
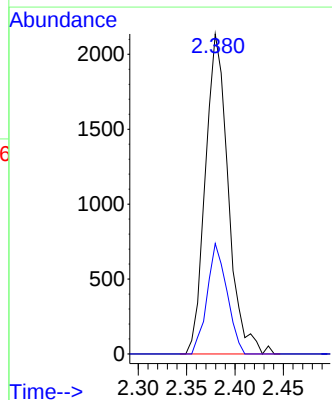
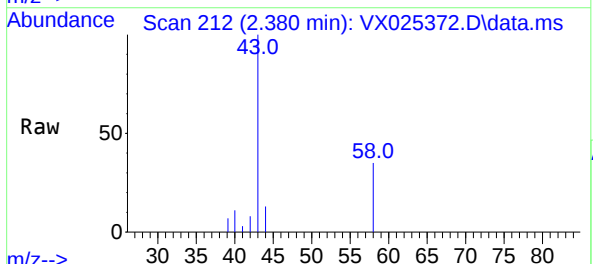
Instrument :
MSVOA_X
ClientSampleId :
GWBR3D-B-378-399-112221DL

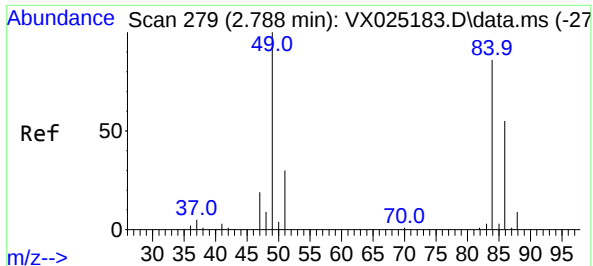
Tgt Ion: 56 Resp: 51
Ion Ratio Lower Upper
56 100
55 149.0 58.6 87.8#



#16
Acetone
Concen: 4.649 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025372.D
Acq: 29 Nov 2021 16:11

Tgt Ion: 43 Resp: 3514
Ion Ratio Lower Upper
43 100
58 34.5 24.0 36.0





#20

Methylene Chloride

Concen: 0.276 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX025372.D

Acq: 29 Nov 2021 16:11

Instrument :

MSVOA_X

ClientSampleId :

GWBR3D-B-378-399-112221DL

Tgt Ion: 84 Resp: 392

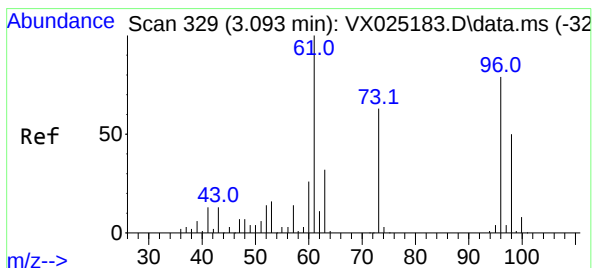
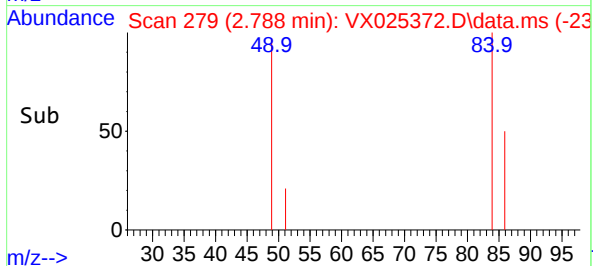
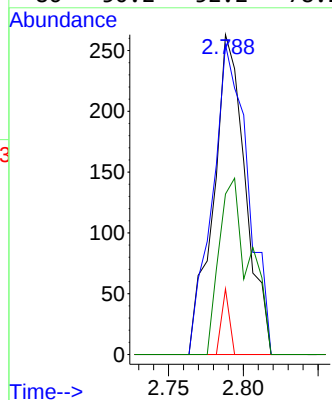
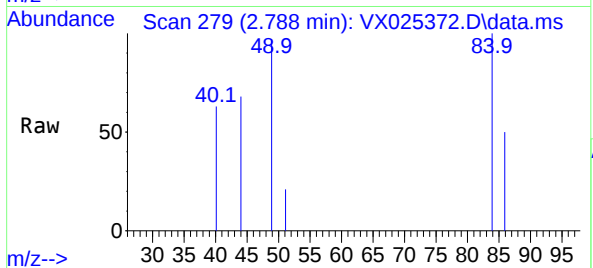
Ion Ratio Lower Upper

84 100

49 97.0 98.2 147.2#

51 20.5 30.2 45.4#

86 50.2 52.2 78.2#



#21

trans-1,2-Dichloroethene

Concen: 0.281 ug/l

RT: 3.093 min Scan# 329

Delta R.T. -0.000 min

Lab File: VX025372.D

Acq: 29 Nov 2021 16:11

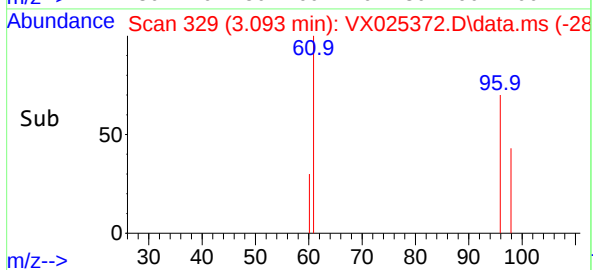
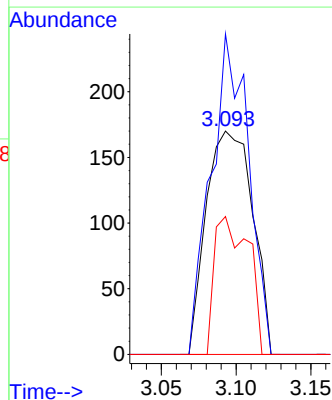
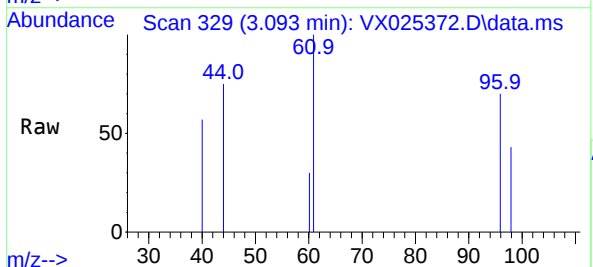
Tgt Ion: 96 Resp: 368

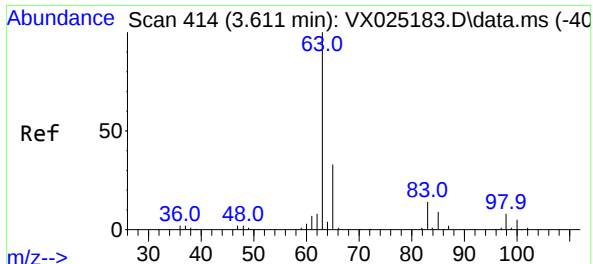
Ion Ratio Lower Upper

96 100

61 143.5 117.9 176.9

98 61.8 51.1 76.7

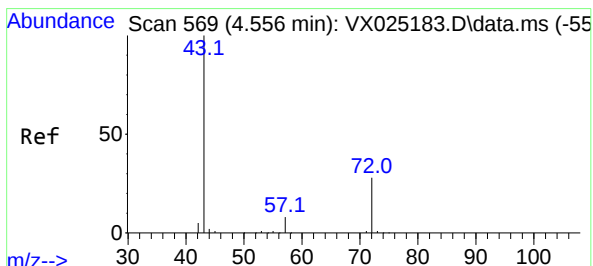
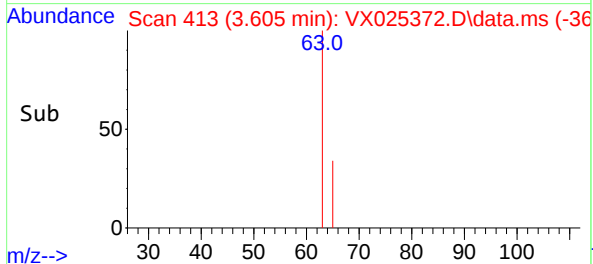
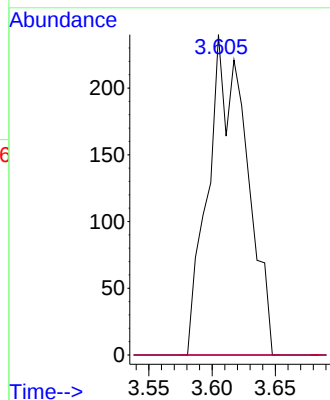
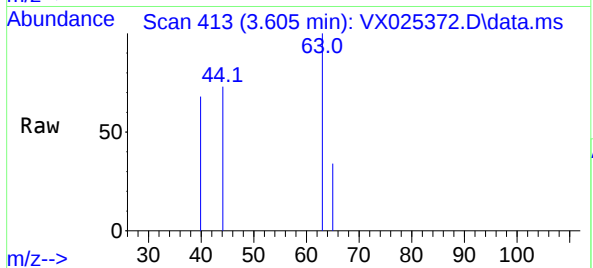




#24
1,1-Dichloroethane
Concen: 0.225 ug/l
RT: 3.605 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX025372.D
Acq: 29 Nov 2021 16:11

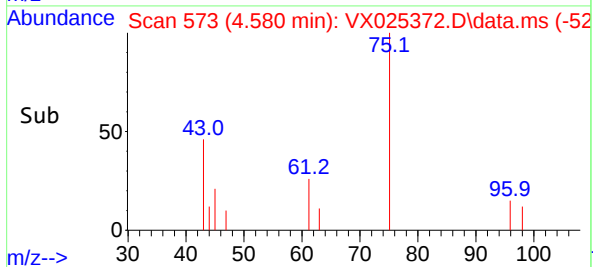
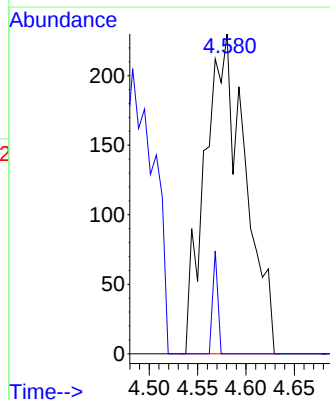
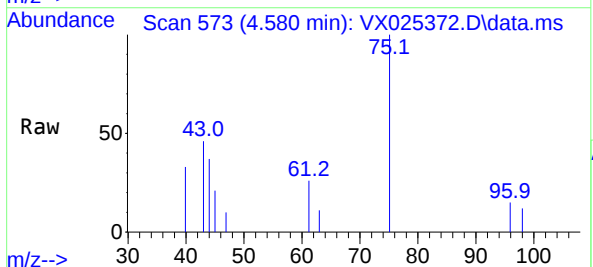
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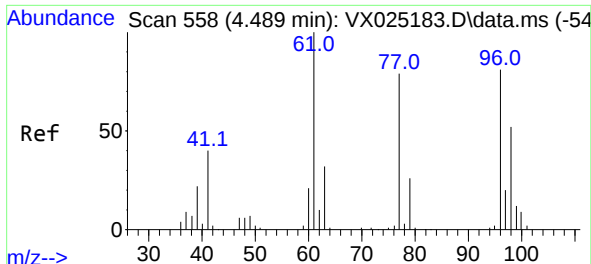
Tgt Ion: 63 Resp: 507
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.9#
100 0.0 2.1 6.2#



#25
2-Butanone
Concen: 0.609 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.024 min
Lab File: VX025372.D
Acq: 29 Nov 2021 16:11

Tgt Ion: 43 Resp: 665
Ion Ratio Lower Upper
43 100
72 0.0 21.2 31.8#

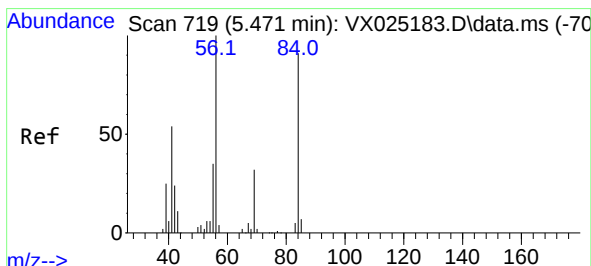
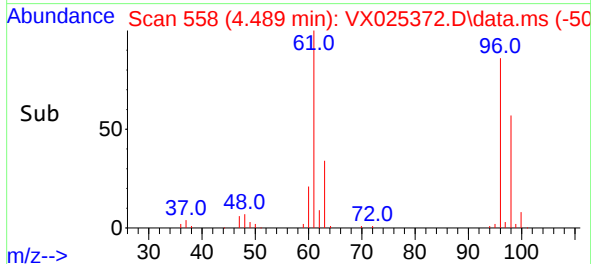
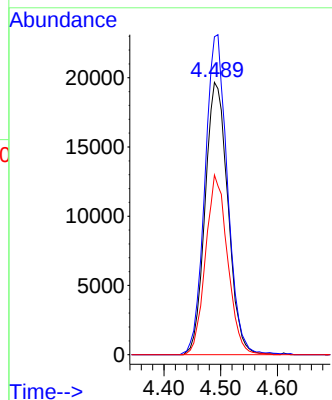
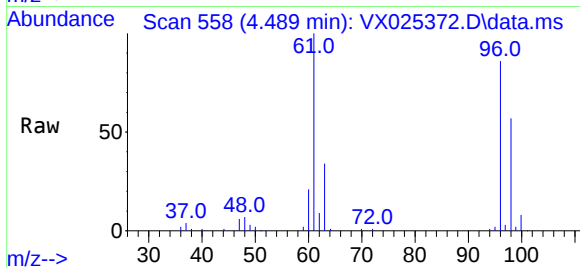




#27
cis-1,2-Dichloroethene
Concen: 35.872 ug/l
RT: 4.489 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX025372.D
Acq: 29 Nov 2021 16:11

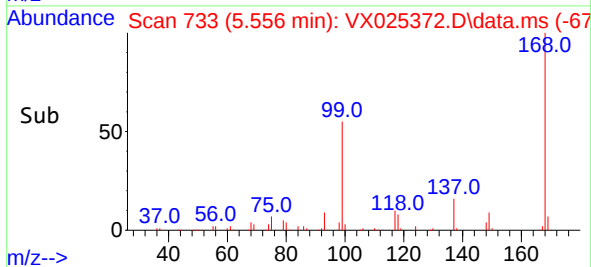
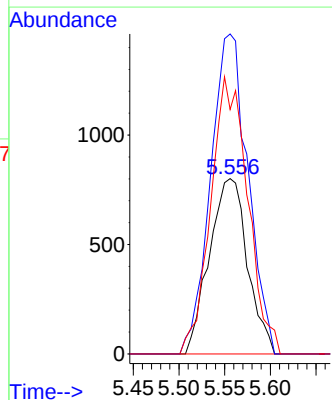
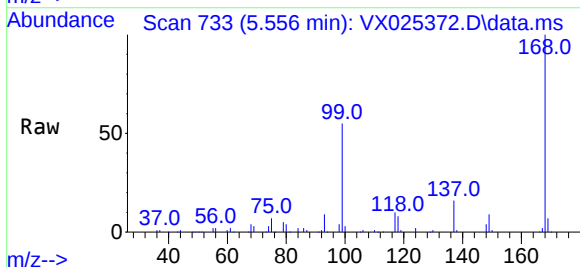
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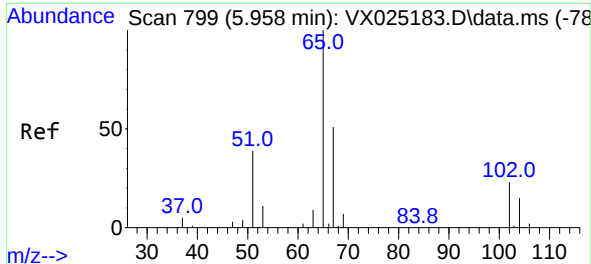
Tgt Ion: 96 Resp: 54887
Ion Ratio Lower Upper
96 100
61 115.9 0.0 302.2
98 63.9 0.0 131.4



#31
Cyclohexane
Concen: 1.104 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX025372.D
Acq: 29 Nov 2021 16:11

Tgt Ion: 56 Resp: 2320
Ion Ratio Lower Upper
56 100
69 182.5 24.2 36.2#
84 139.5 71.5 107.3#

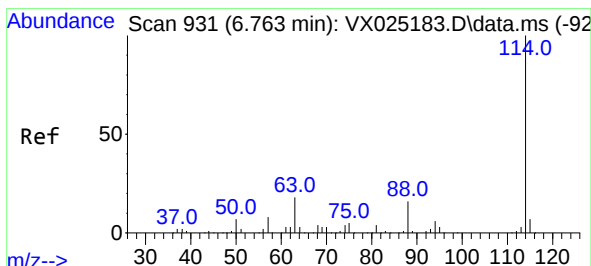
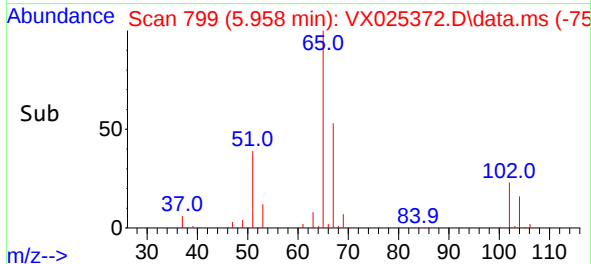
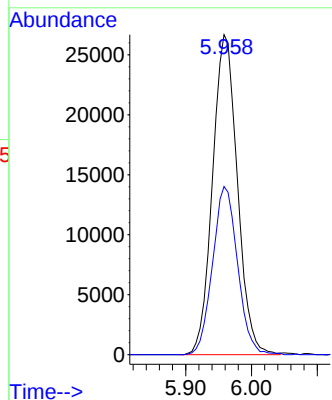
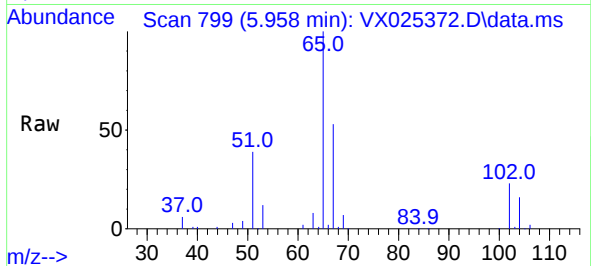




#33
1,2-Dichloroethane-d4
Concen: 51.583 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025372.D
Acq: 29 Nov 2021 16:11

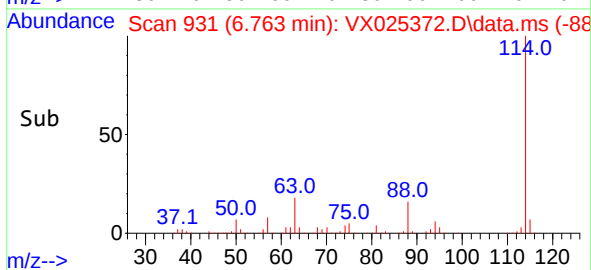
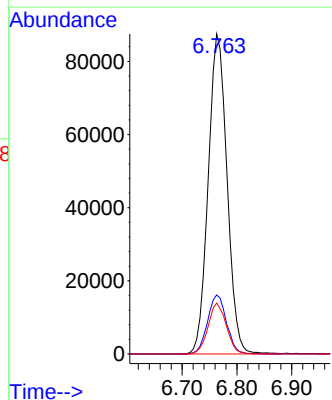
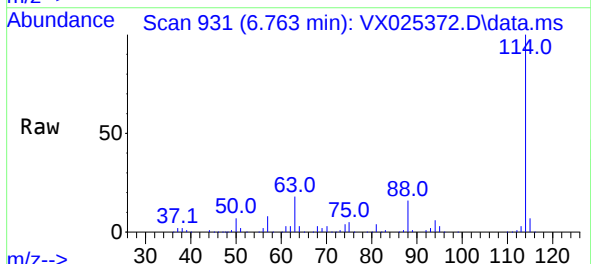
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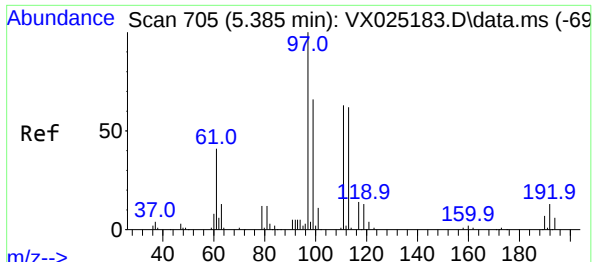
Tgt Ion: 65 Resp: 70163
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX025372.D
Acq: 29 Nov 2021 16:11

Tgt Ion: 114 Resp: 208395
Ion Ratio Lower Upper
114 100
63 18.4 0.0 41.0
88 15.9 0.0 34.8

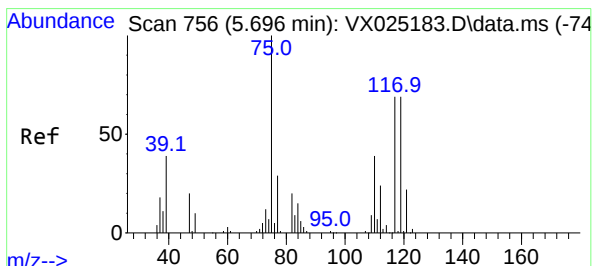
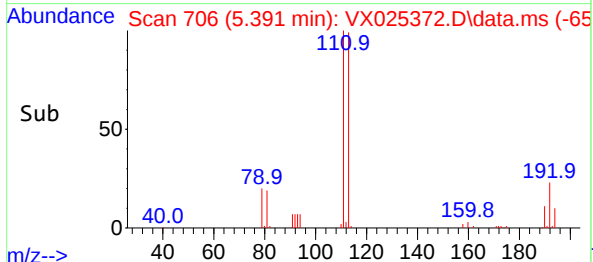
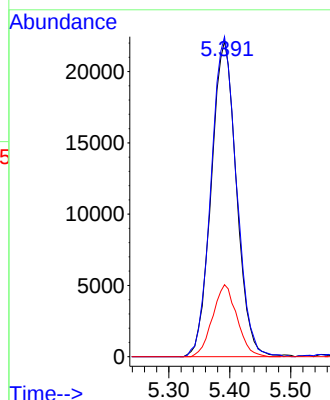
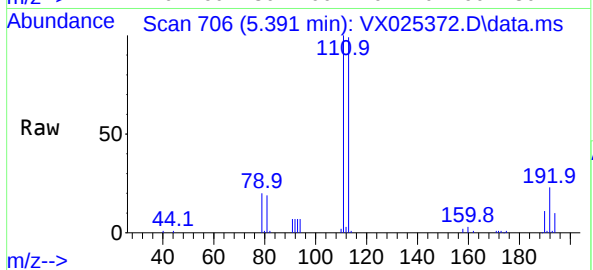




#35
Dibromofluoromethane
Concen: 49.549 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX025372.D
Acq: 29 Nov 2021 16:11

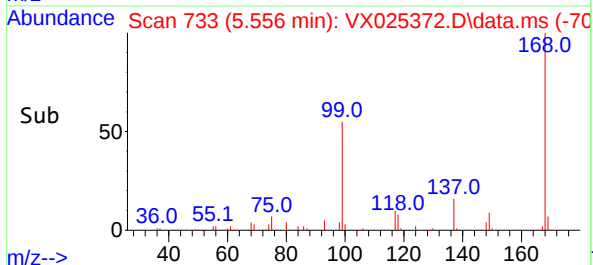
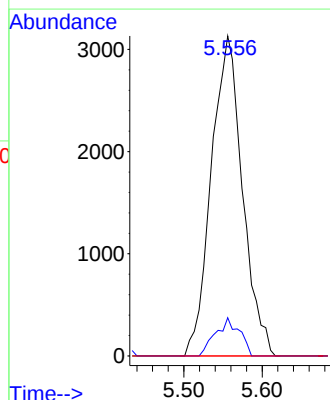
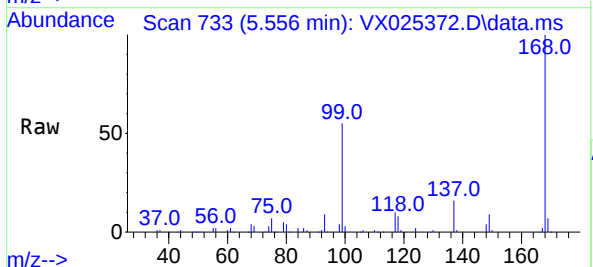
Instrument :
MSVOA_X
ClientSampleId :
GWBR3D-B-378-399-112221DL

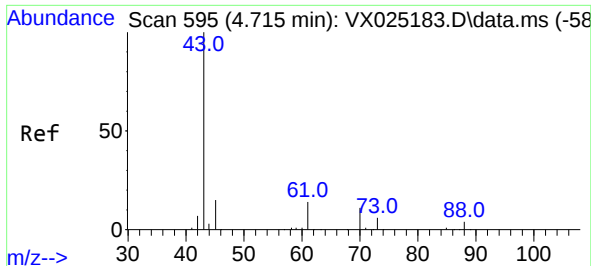
Tgt Ion:113 Resp: 63355
Ion Ratio Lower Upper
113 100
111 102.5 82.1 123.1
192 22.2 15.6 23.4



#36
1,1-Dichloropropene
Concen: 4.765 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX025372.D
Acq: 29 Nov 2021 16:11

Tgt Ion: 75 Resp: 8663
Ion Ratio Lower Upper
75 100
110 9.1 18.1 54.3#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 0.321 ug/l

RT: 4.580 min Scan# 51

Delta R.T. -0.135 min

Lab File: VX025372.D

Acq: 29 Nov 2021 16:11

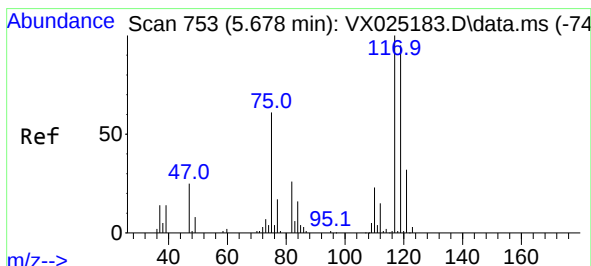
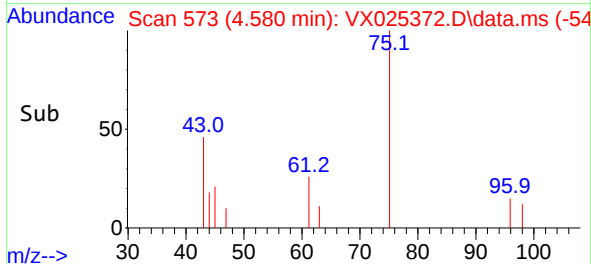
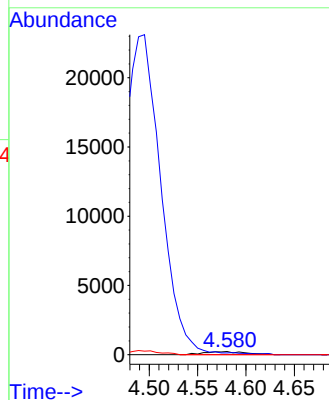
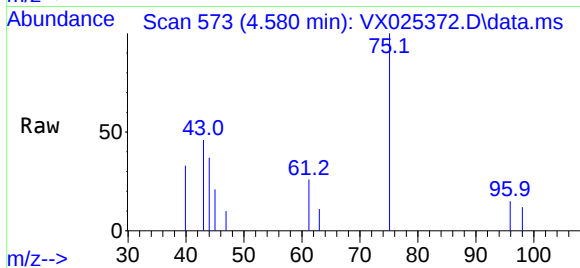
Instrument :

MSVOA_X

ClientSampleId :

GWBR3D-B-378-399-112221DL

Tgt Ion: 43	Resp:	665
Ion	Ratio	Lower Upper
43	100	
61	0.0	11.4 17.0#
70	0.0	8.6 12.8#



#38

Carbon Tetrachloride

Concen: 6.131 ug/l

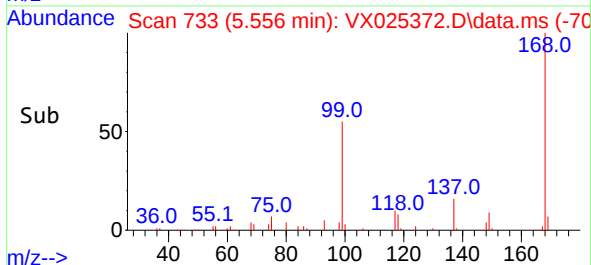
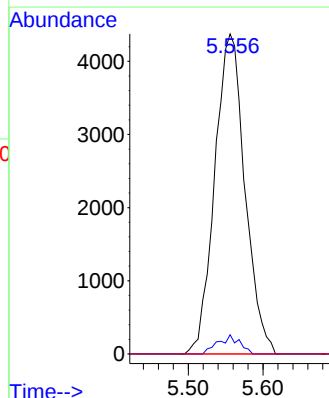
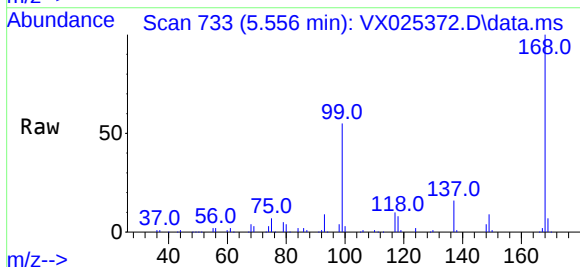
RT: 5.556 min Scan# 733

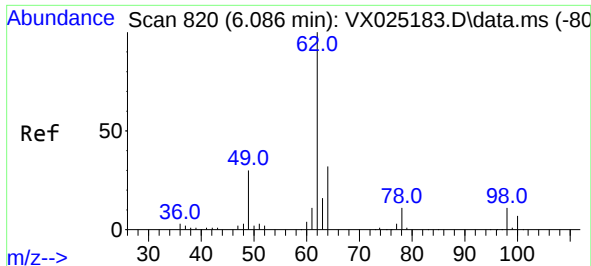
Delta R.T. -0.122 min

Lab File: VX025372.D

Acq: 29 Nov 2021 16:11

Tgt Ion: 117	Resp:	12278
Ion	Ratio	Lower Upper
117	100	
119	6.0	75.6 113.4#
121	0.0	23.7 35.5#





#42

1,2-Dichloroethane

Concen: 0.204 ug/l

RT: 6.098 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX025372.D

Acq: 29 Nov 2021 16:11

Instrument :

MSVOA_X

ClientSampleId :

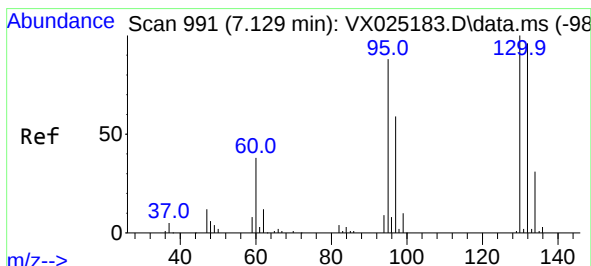
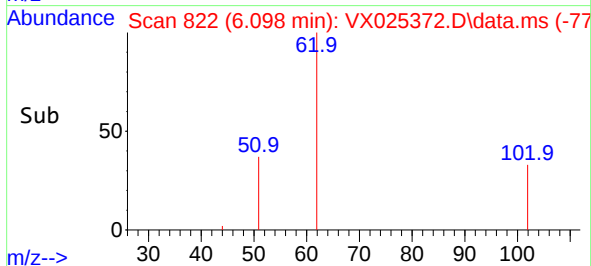
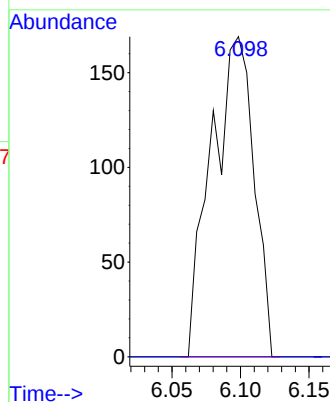
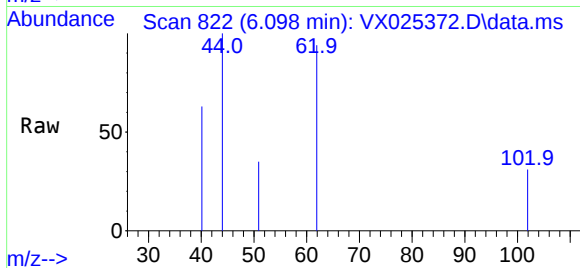
GWBR3D-B-378-399-112221DL

Tgt Ion: 62 Resp: 366

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.0



#44

Trichloroethene

Concen: 7.647 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX025372.D

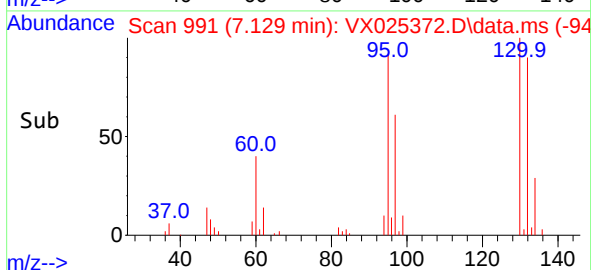
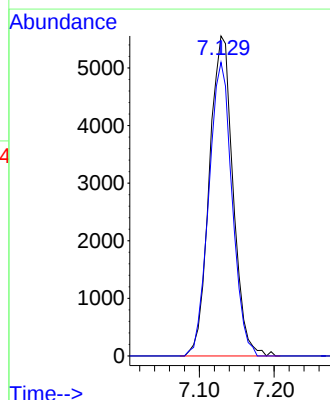
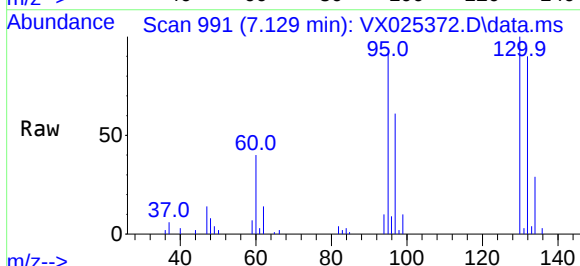
Acq: 29 Nov 2021 16:11

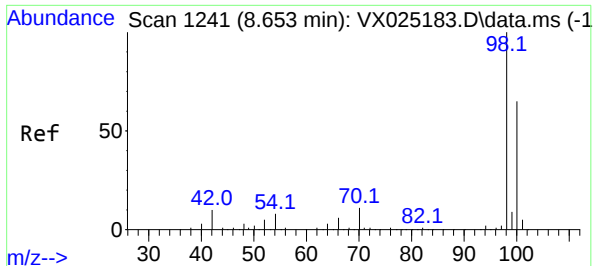
Tgt Ion:130 Resp: 12236

Ion Ratio Lower Upper

130 100

95 91.7 0.0 196.8

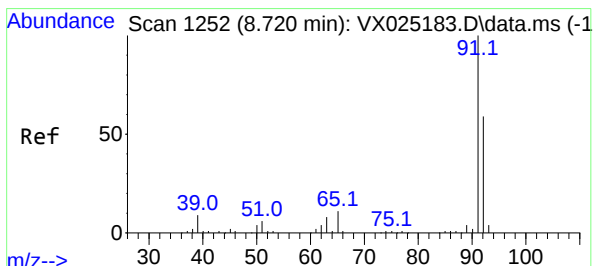
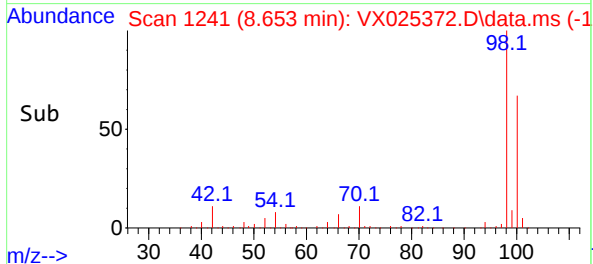
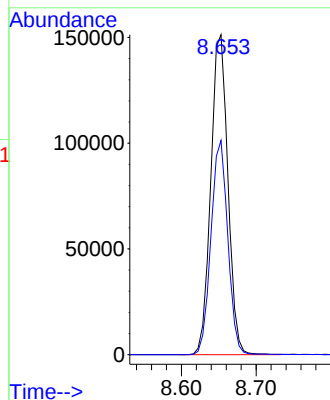
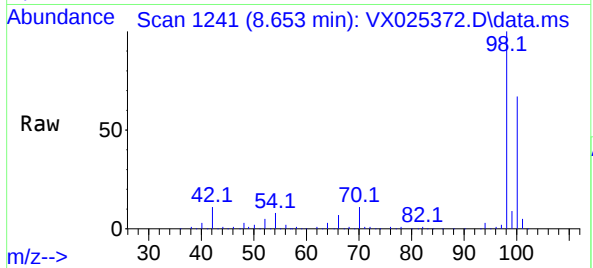




#50
Toluene-d8
Concen: 50.138 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025372.D
Acq: 29 Nov 2021 16:11

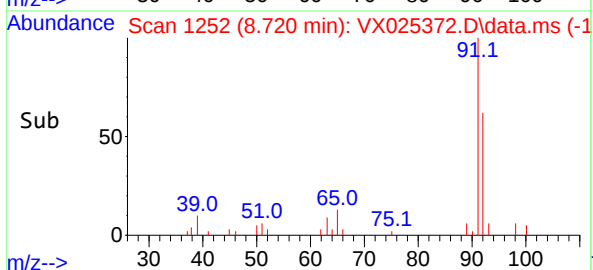
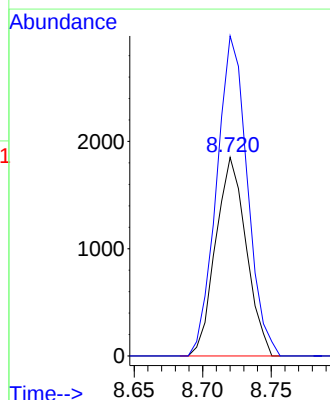
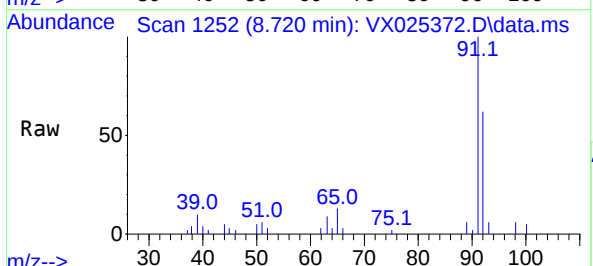
Instrument :
MSVOA_X
ClientSampleId :
GWBR3D-B-378-399-112221DL

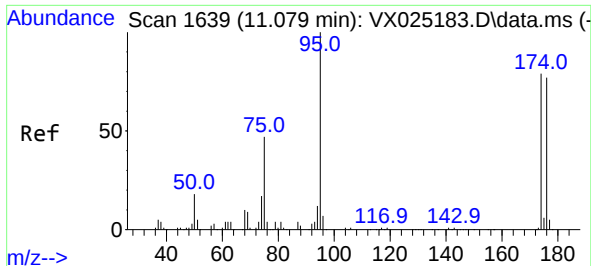
Tgt Ion: 98 Resp: 241041
Ion Ratio Lower Upper
98 100
100 66.0 51.4 77.0



#52
Toluene
Concen: 0.798 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX025372.D
Acq: 29 Nov 2021 16:11

Tgt Ion: 92 Resp: 2869
Ion Ratio Lower Upper
92 100
91 162.5 138.6 208.0

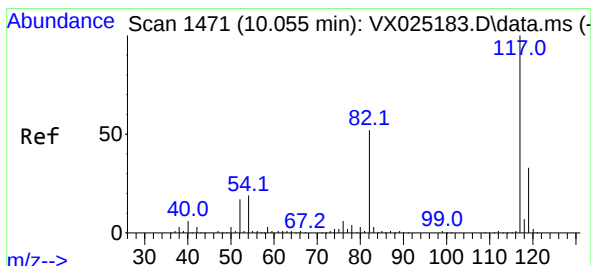
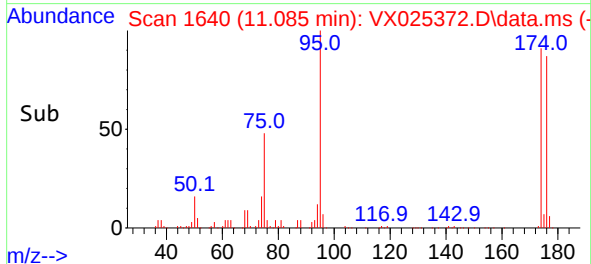
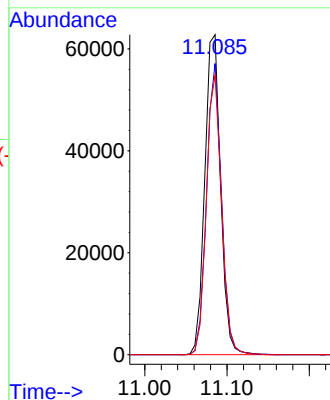
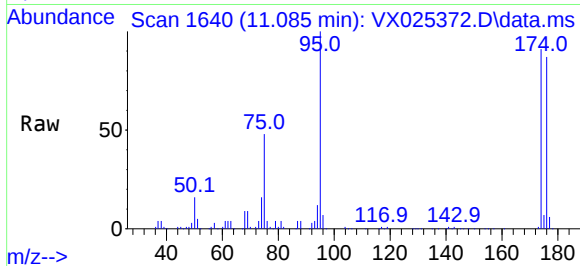




#62
4-Bromofluorobenzene
Concen: 46.072 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX025372.D
Acq: 29 Nov 2021 16:11

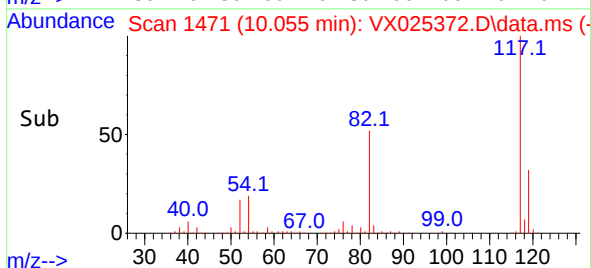
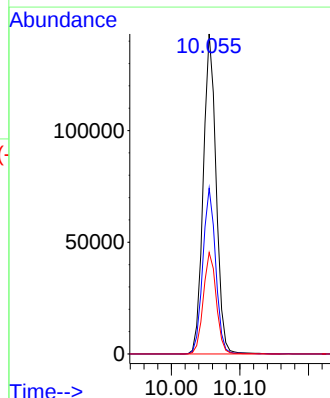
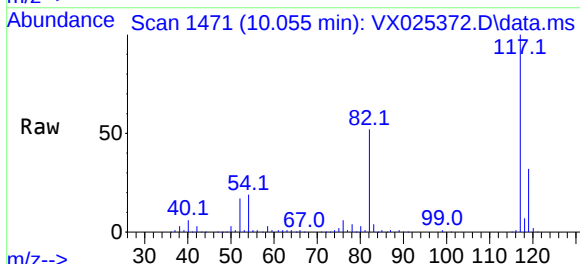
Instrument :
MSVOA_X
ClientSampleId :
GWBR3D-B-378-399-112221DL

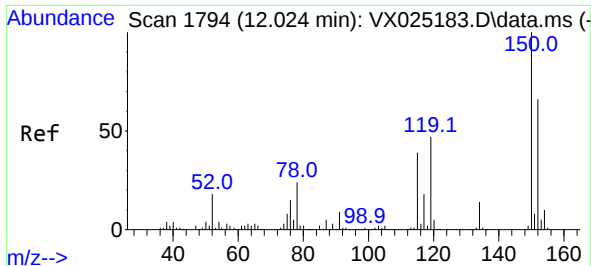
Tgt Ion: 95 Resp: 83792
Ion Ratio Lower Upper
95 100
174 86.2 0.0 158.0
176 84.4 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025372.D
Acq: 29 Nov 2021 16:11

Tgt Ion: 117 Resp: 187465
Ion Ratio Lower Upper
117 100
82 51.8 44.6 67.0
119 31.7 24.8 37.2

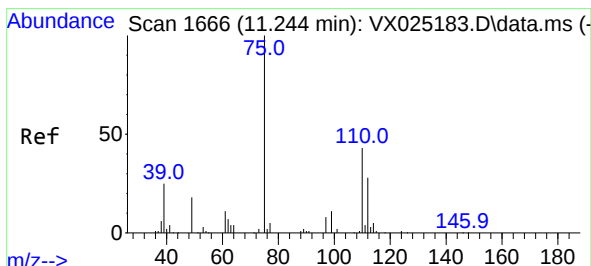
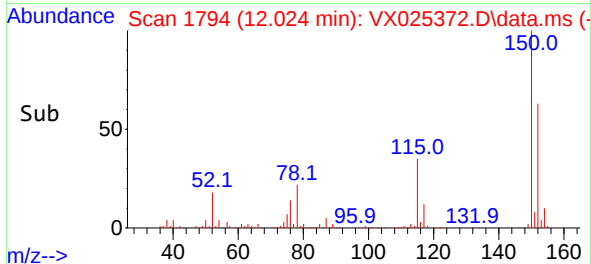
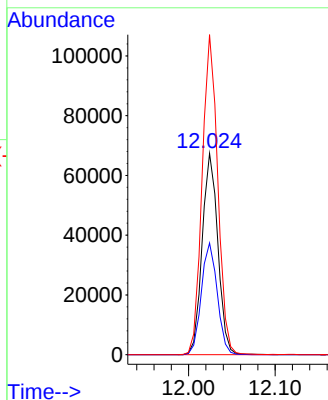
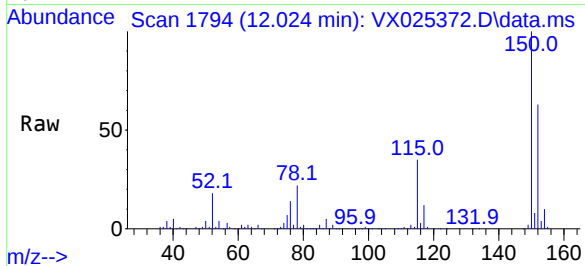




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025372.D
Acq: 29 Nov 2021 16:11

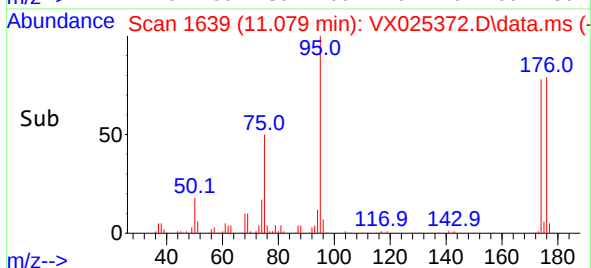
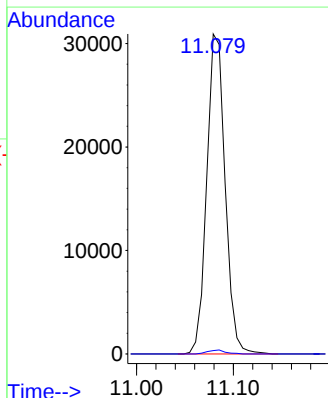
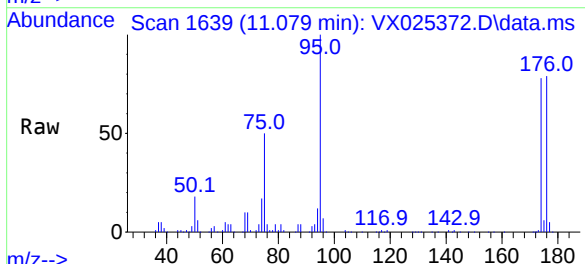
Instrument :
MSVOA_X
ClientSampleId :
GWBR3D-B-378-399-112221DL

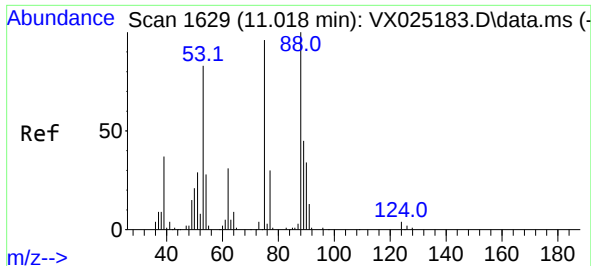
Tgt Ion:152 Resp: 84762
Ion Ratio Lower Upper
152 100
115 56.1 43.3 129.8
150 157.9 0.0 351.2



#76
1,2,3-Trichloropropane
Concen: 23.563 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX025372.D
Acq: 29 Nov 2021 16:11

Tgt Ion: 75 Resp: 40900
Ion Ratio Lower Upper
75 100
77 1.2 20.0 59.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 59.360 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX025372.D
Acq: 29 Nov 2021 16:11

Instrument :
MSVOA_X
ClientSampleId :
GWBR3D-B-378-399-112221DL

Tgt Ion: 75 Resp: 40900
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#

