

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120621\
 Data File : VX025547.D
 Acq On : 06 Dec 2021 14:31
 Operator : JC/MD
 Sample : M4923-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20211130

Quant Time: Dec 07 05:59:30 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)

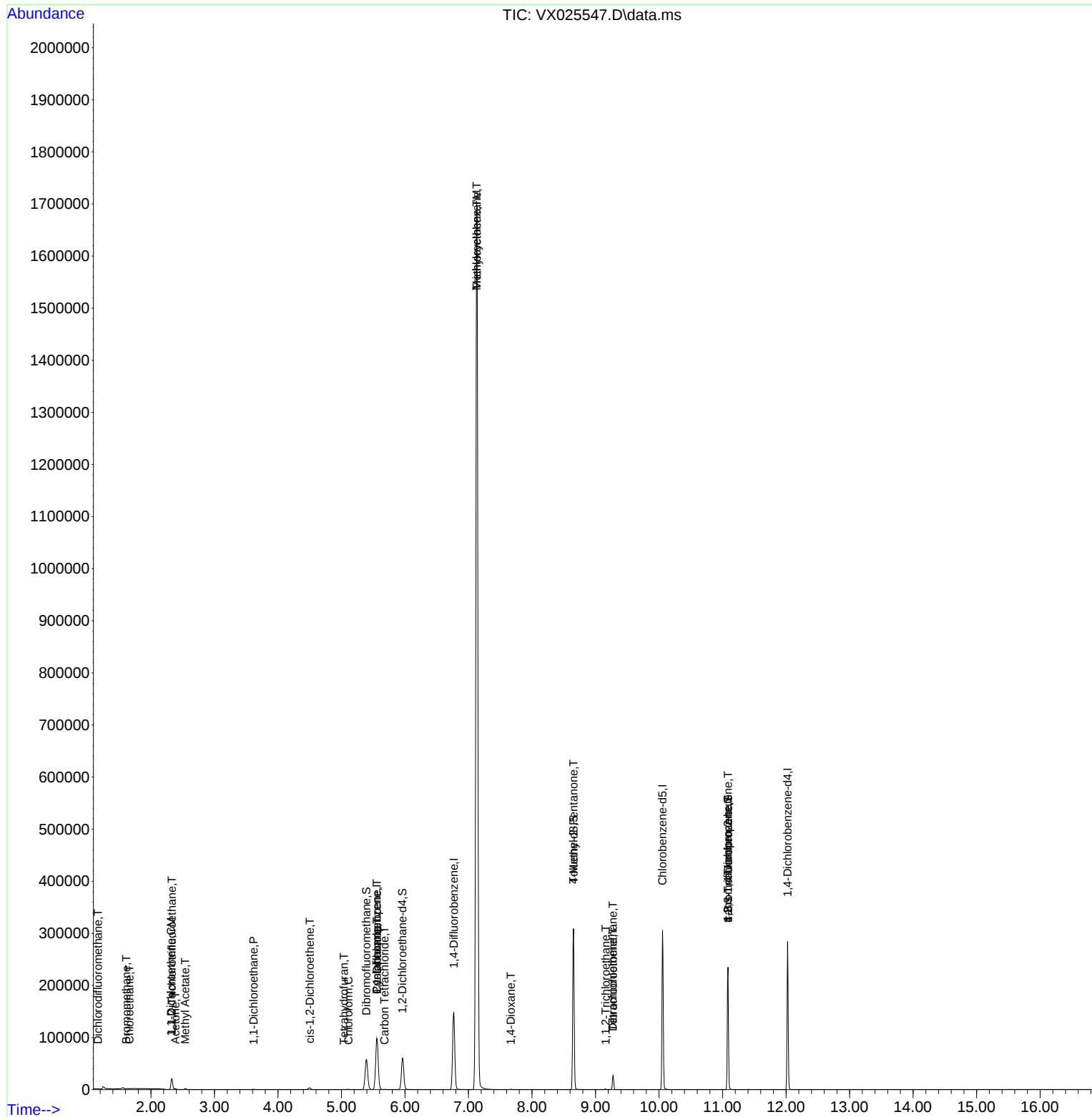
Internal Standards						
1) Pentafluorobenzene	5.556	168	98502	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	161611	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	141023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59164	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	57666	55.540	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.080%			
35) Dibromofluoromethane	5.391	113	49767	50.189	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.380%			
50) Toluene-d8	8.653	98	184660	49.530	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.060%			
62) 4-Bromofluorobenzene	11.085	95	61700	43.745	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 87.500%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	183	0.214	ug/l	98
5) Bromomethane	1.611	94	185	0.371	ug/l #	80
6) Chloroethane	1.660	64	175	0.219	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.331	101	6663	7.269	ug/l	98
12) 1,1-Dichloroethene	2.319	96	2276	2.493	ug/l	92
16) Acetone	2.386	43	1613	2.796	ug/l	93
18) Methyl Acetate	2.538	43	576	0.312	ug/l #	52
24) 1,1-Dichloroethane	3.617	63	771	0.448	ug/l #	83
27) cis-1,2-Dichloroethene	4.501	96	2268	1.942	ug/l	86
29) Tetrahydrofuran	5.038	42	136	0.263	ug/l #	32
30) Chloroform	5.111	83	788	0.440	ug/l #	79
31) Cyclohexane	5.556	56	1876	1.169	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	7041	4.994	ug/l #	50
38) Carbon Tetrachloride	5.678	117	380	0.245	ug/l #	59
39) Methylcyclohexane	7.129	83	7475	4.133	ug/l #	1
44) Trichloroethene	7.129	130	679811	547.879	ug/l	98
49) 1,4-Dioxane	7.665	88	498	18.821	ug/l	90
51) 4-Methyl-2-Pentanone	8.653	43	792	0.473	ug/l #	1
55) 1,1,2-Trichloroethane	9.159	97	415	0.374	ug/l #	85
60) Dibromochloromethane	9.275	129	4613	3.616	ug/l #	11
64) Tetrachloroethene	9.275	164	5095	4.381	ug/l	96
76) 1,2,3-Trichloropropane	11.085	75	30048	24.801	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	30048	62.478	ug/l #	9

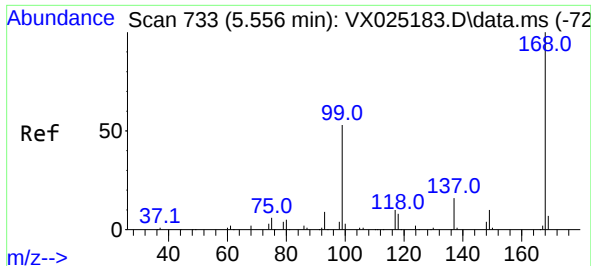
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120621\
Data File : VX025547.D
Acq On : 06 Dec 2021 14:31
Operator : JC/MD
Sample : M4923-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20211130

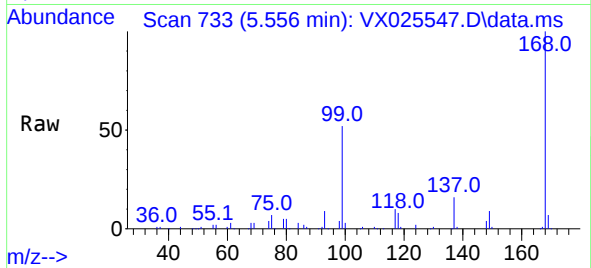
Quant Time: Dec 07 05:59:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
Response via : Initial Calibration



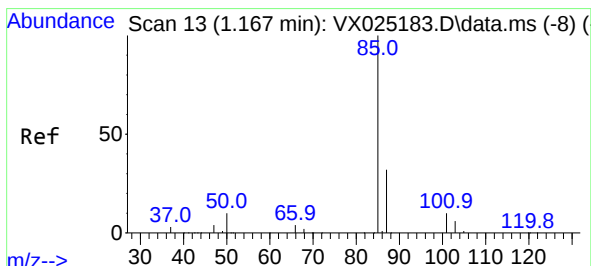
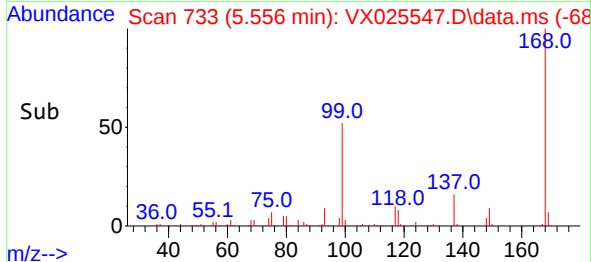
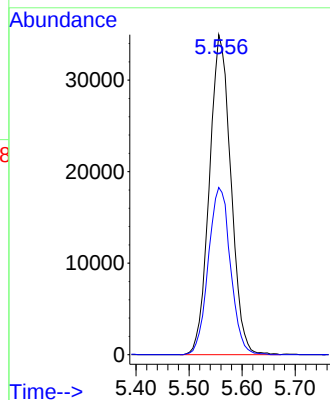


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025547.D
Acq: 06 Dec 2021 14:31

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20211130

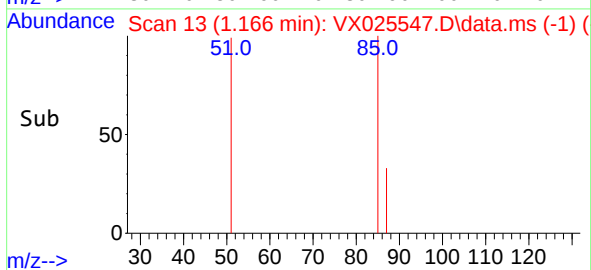
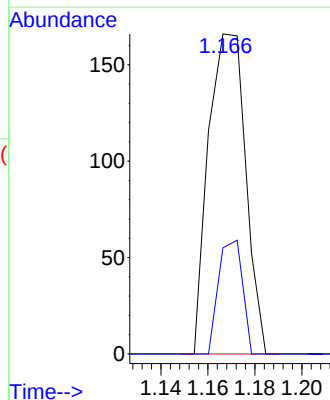
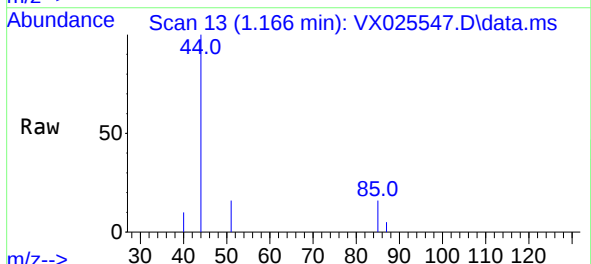


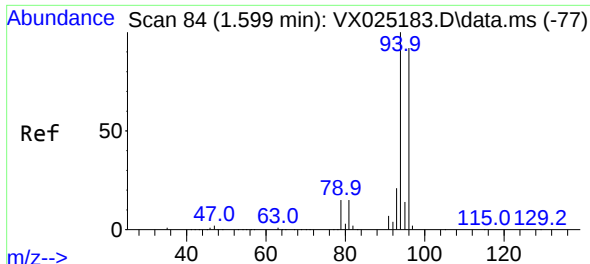
Tgt Ion:168 Resp: 98502
Ion Ratio Lower Upper
168 100
99 52.2 46.4 69.6



#2
Dichlorodifluoromethane
Concen: 0.214 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.001 min
Lab File: VX025547.D
Acq: 06 Dec 2021 14:31

Tgt Ion: 85 Resp: 183
Ion Ratio Lower Upper
85 100
87 33.1 16.0 47.9

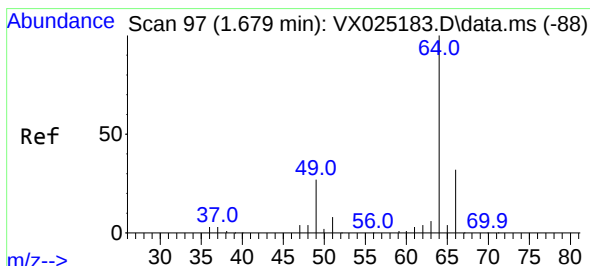
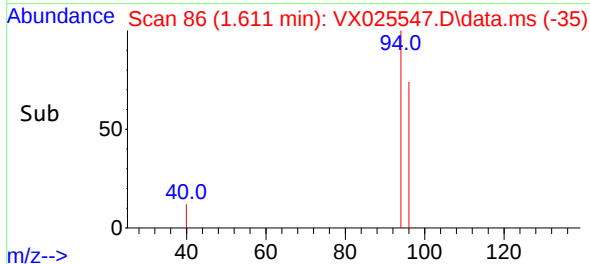
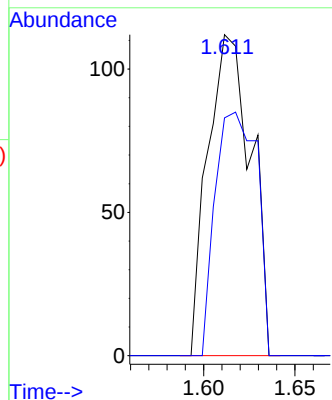
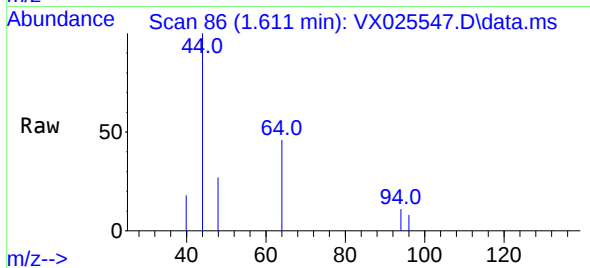




#5
Bromomethane
Concen: 0.371 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX025547.D
Acq: 06 Dec 2021 14:31

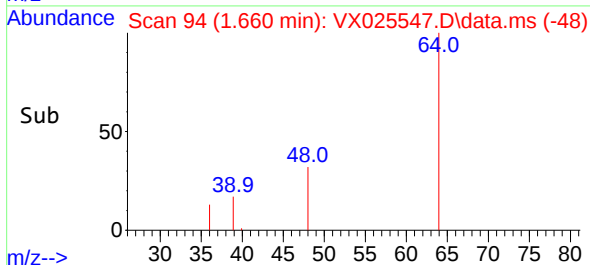
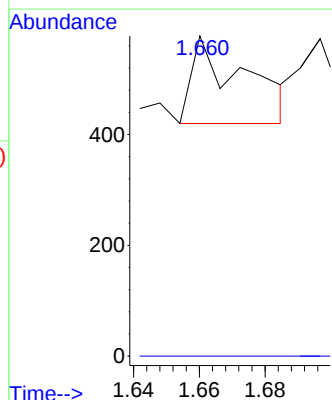
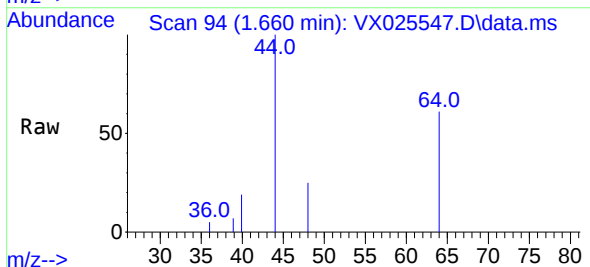
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20211130

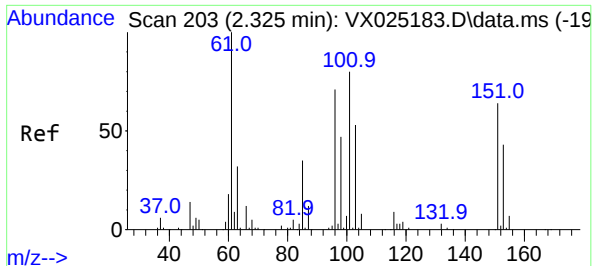
Tgt Ion: 94 Resp: 185
Ion Ratio Lower Upper
94 100
96 74.1 74.8 112.2#



#6
Chloroethane
Concen: 0.219 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.019 min
Lab File: VX025547.D
Acq: 06 Dec 2021 14:31

Tgt Ion: 64 Resp: 175
Ion Ratio Lower Upper
64 100
66 0.0 25.6 38.4#

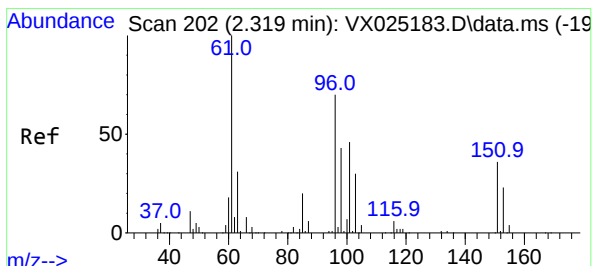
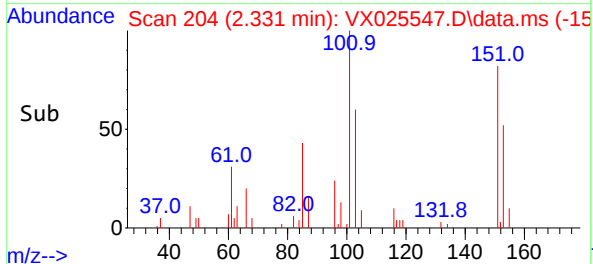
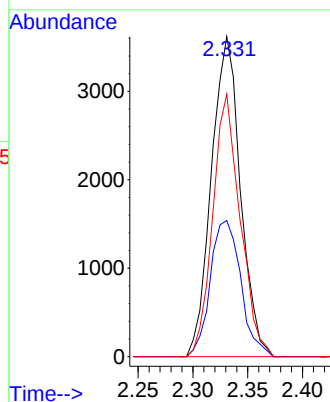
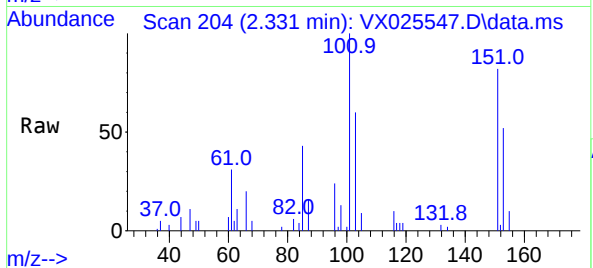




#9
1,1,2-Trichlorotrifluoroethane
Concen: 7.269 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX025547.D
Acq: 06 Dec 2021 14:31

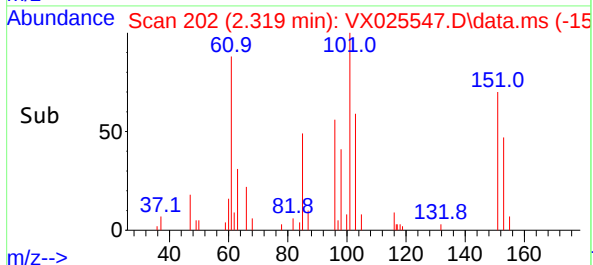
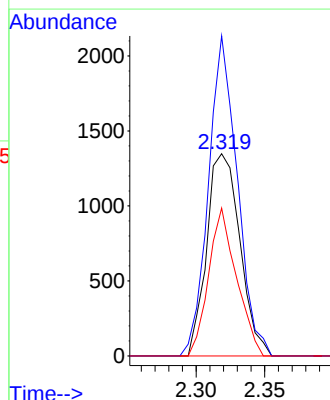
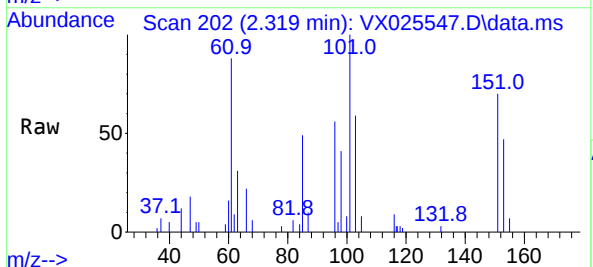
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20211130

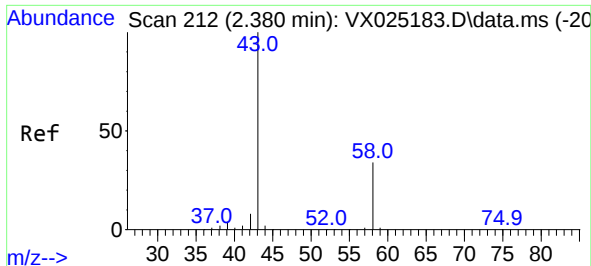
Tgt Ion:101 Resp: 6663
Ion Ratio Lower Upper
101 100
85 44.7 35.9 53.9
151 77.4 64.4 96.6



#12
1,1-Dichloroethene
Concen: 2.493 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX025547.D
Acq: 06 Dec 2021 14:31

Tgt Ion: 96 Resp: 2276
Ion Ratio Lower Upper
96 100
61 158.2 134.1 201.1
98 73.1 51.5 77.3

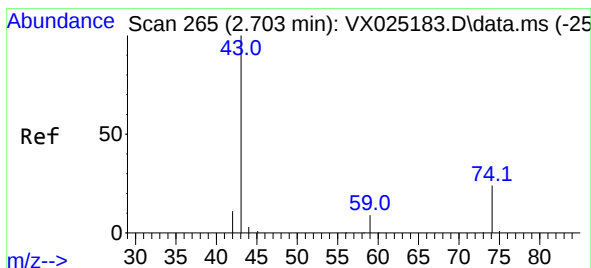
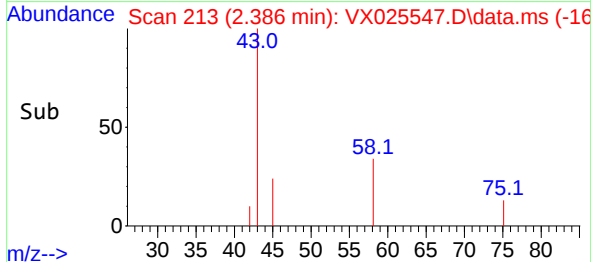
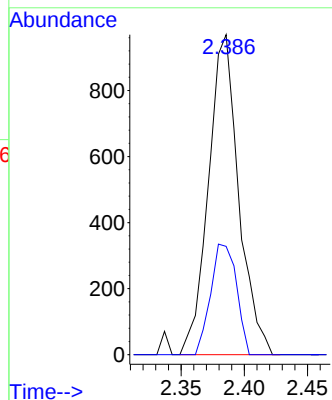
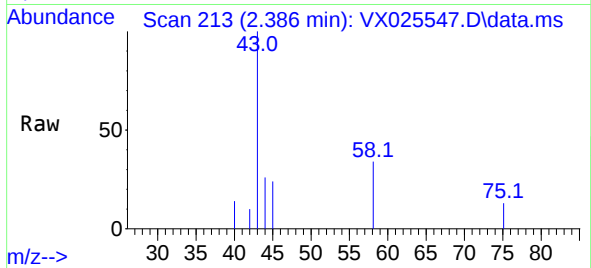




#16
Acetone
Concen: 2.796 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX025547.D
Acq: 06 Dec 2021 14:31

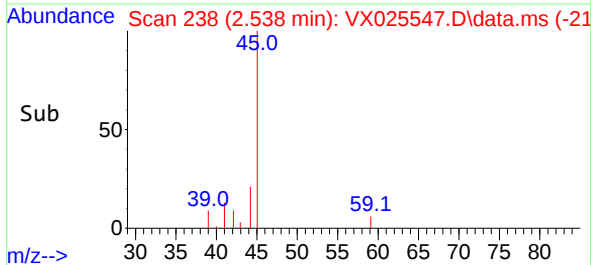
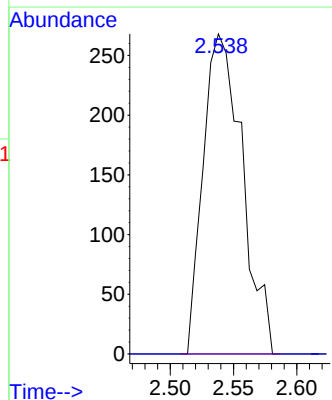
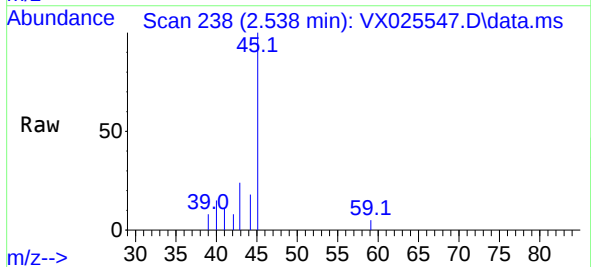
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20211130

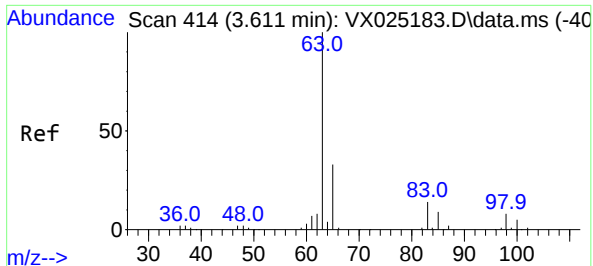
Tgt Ion: 43 Resp: 1613
Ion Ratio Lower Upper
43 100
58 33.8 24.0 36.0



#18
Methyl Acetate
Concen: 0.312 ug/l
RT: 2.538 min Scan# 238
Delta R.T. -0.165 min
Lab File: VX025547.D
Acq: 06 Dec 2021 14:31

Tgt Ion: 43 Resp: 576
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.6#

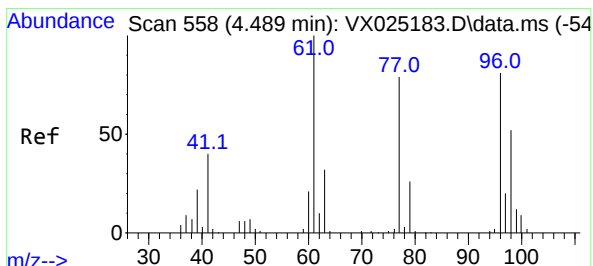
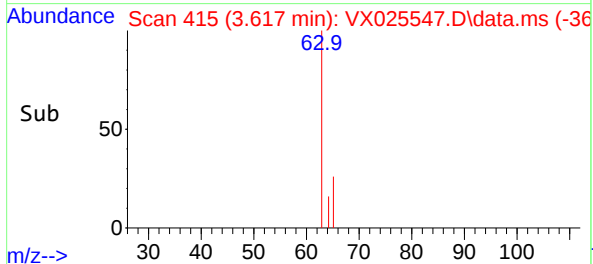
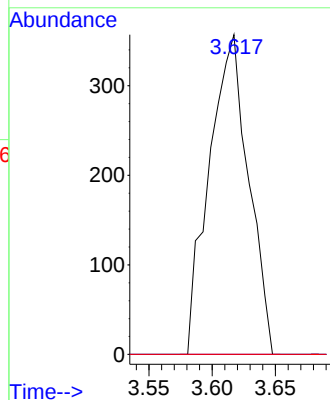
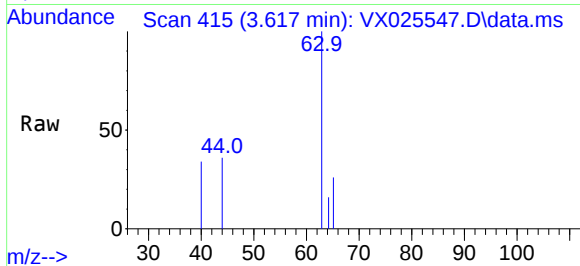




#24
1,1-Dichloroethane
Concen: 0.448 ug/l
RT: 3.617 min Scan# 41
Delta R.T. 0.006 min
Lab File: VX025547.D
Acq: 06 Dec 2021 14:31

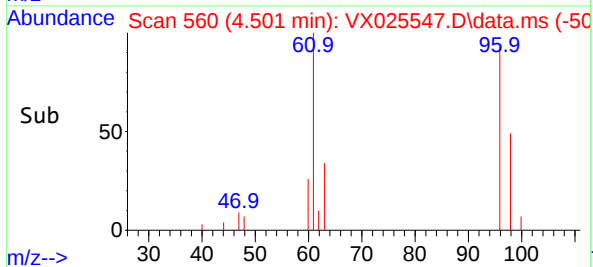
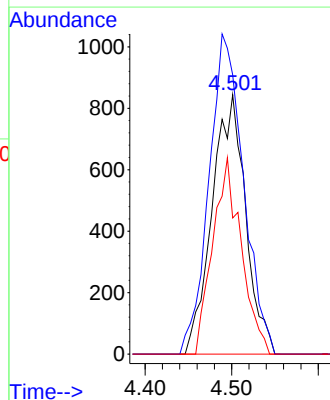
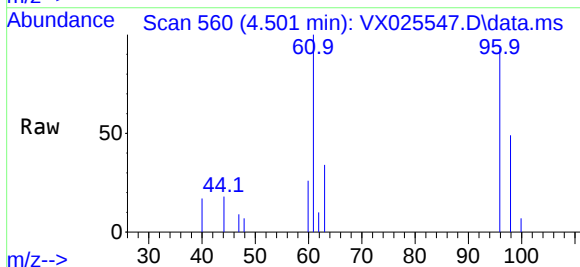
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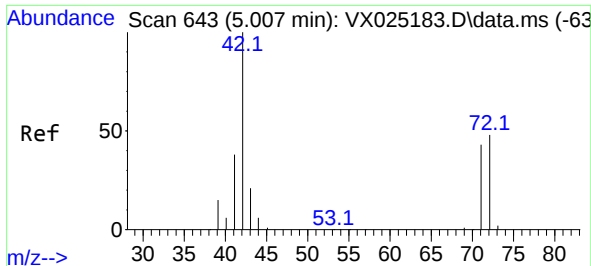
Tgt Ion: 63 Resp: 771
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.9#
100 0.0 2.1 6.2#



#27
cis-1,2-Dichloroethene
Concen: 1.942 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.012 min
Lab File: VX025547.D
Acq: 06 Dec 2021 14:31

Tgt Ion: 96 Resp: 2268
Ion Ratio Lower Upper
96 100
61 126.9 0.0 302.2
98 64.2 0.0 131.4





#29

Tetrahydrofuran

Concen: 0.263 ug/l

RT: 5.038 min Scan# 64

Delta R.T. 0.031 min

Lab File: VX025547.D

Acq: 06 Dec 2021 14:31

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20211130

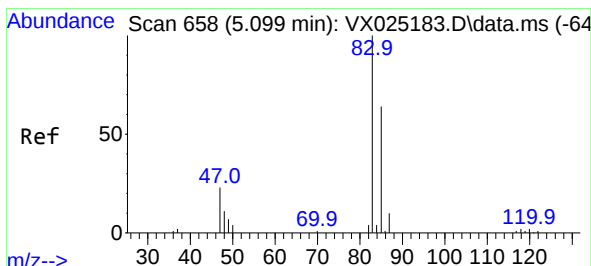
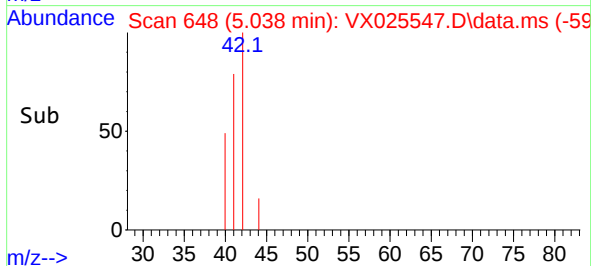
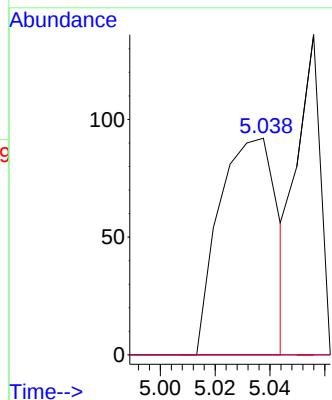
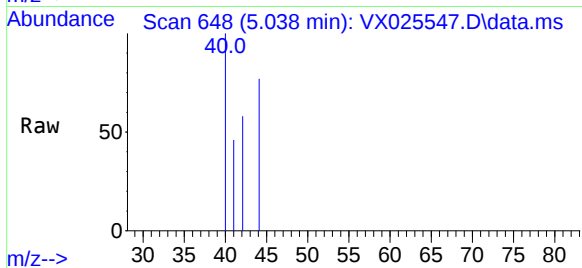
Tgt Ion: 42 Resp: 136

Ion Ratio Lower Upper

42 100

72 0.0 36.1 54.1#

71 0.0 33.7 50.5#



#30

Chloroform

Concen: 0.440 ug/l

RT: 5.111 min Scan# 660

Delta R.T. 0.012 min

Lab File: VX025547.D

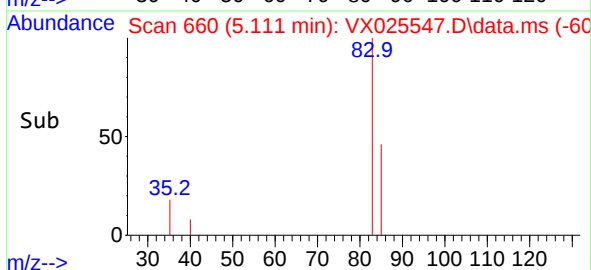
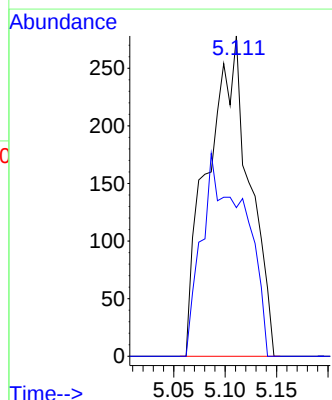
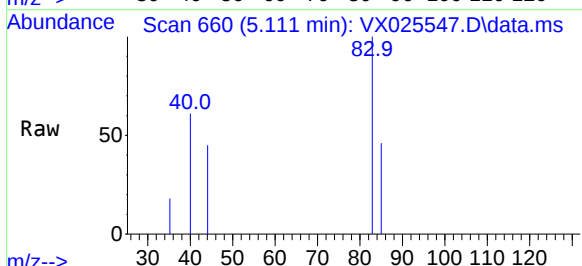
Acq: 06 Dec 2021 14:31

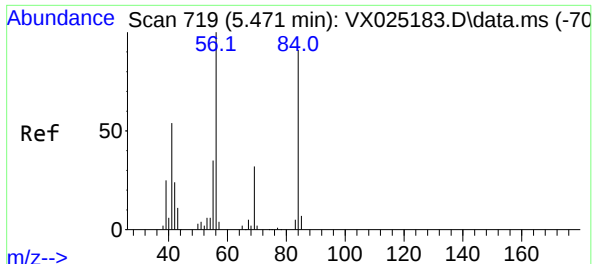
Tgt Ion: 83 Resp: 788

Ion Ratio Lower Upper

83 100

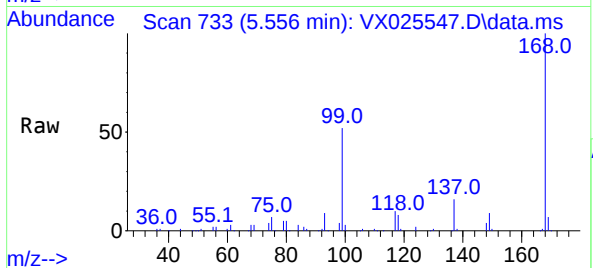
85 46.4 50.2 75.2#



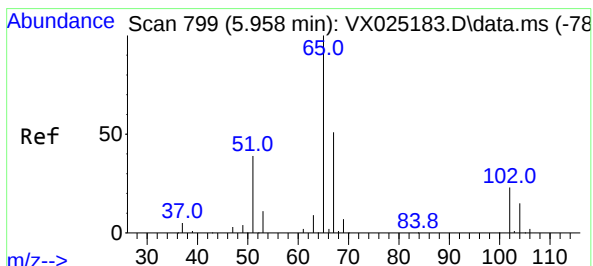
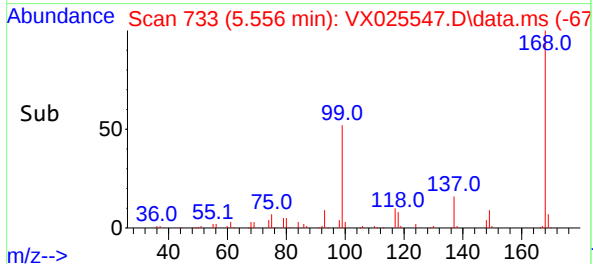
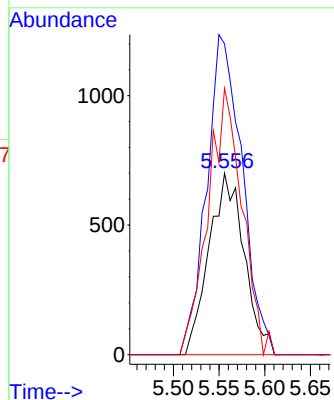


#31
Cyclohexane
Concen: 1.169 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX025547.D
Acq: 06 Dec 2021 14:31

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20211130

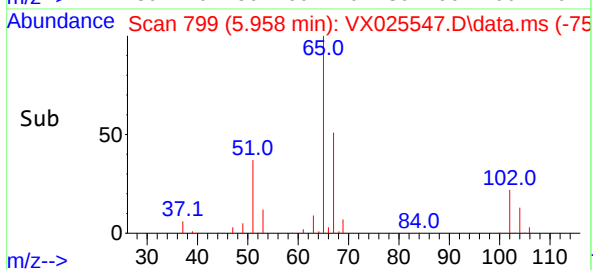
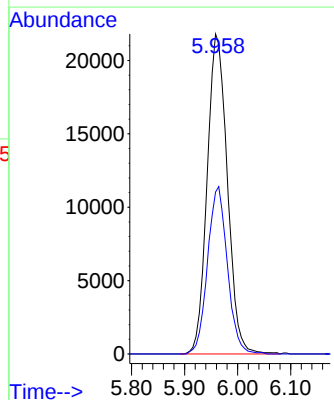
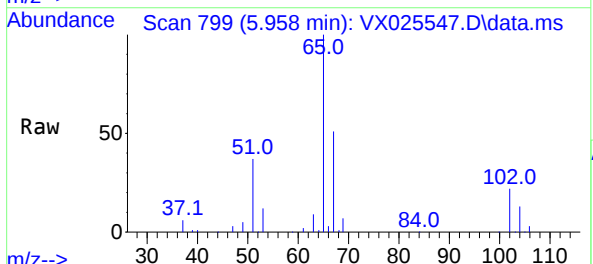


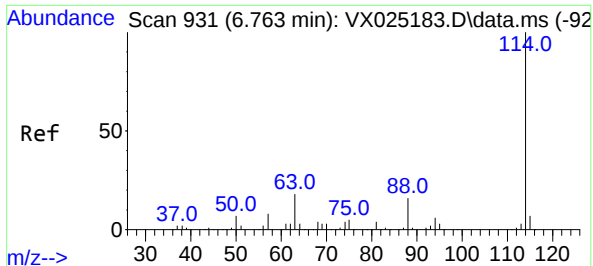
Tgt Ion: 56 Resp: 1876
Ion Ratio Lower Upper
56 100
69 171.4 24.2 36.2#
84 146.9 71.5 107.3#



#33
1,2-Dichloroethane-d4
Concen: 55.540 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025547.D
Acq: 06 Dec 2021 14:31

Tgt Ion: 65 Resp: 57666
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.0

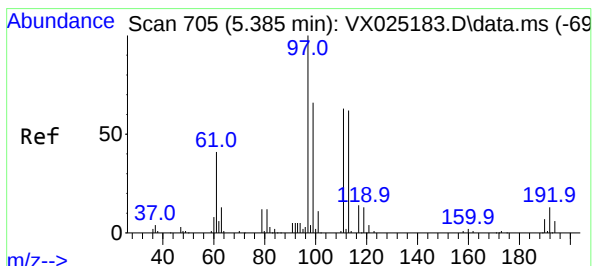
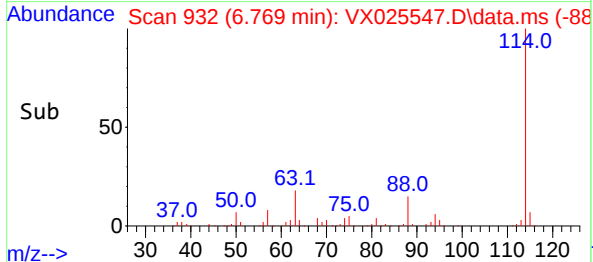
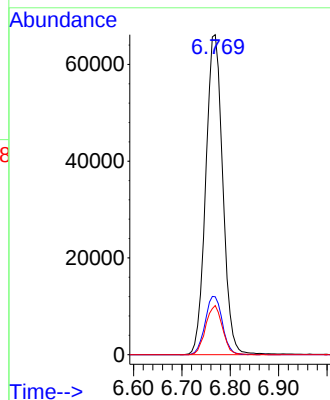
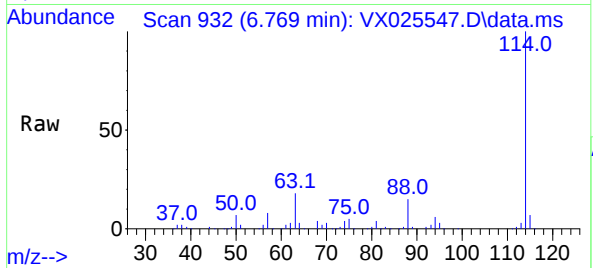




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX025547.D
Acq: 06 Dec 2021 14:31

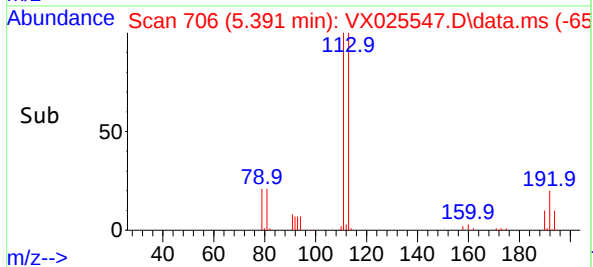
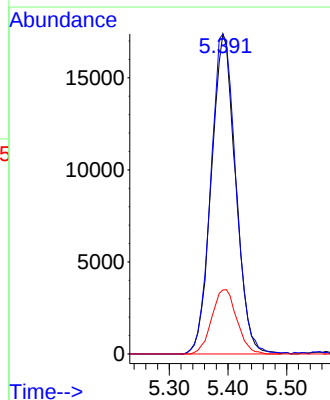
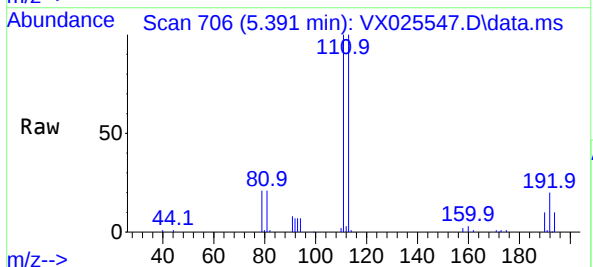
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20211130

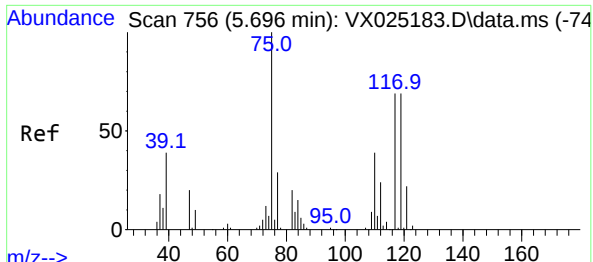
Tgt Ion:114 Resp: 161611
Ion Ratio Lower Upper
114 100
63 18.1 0.0 41.0
88 15.3 0.0 34.8



#35
Dibromofluoromethane
Concen: 50.189 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025547.D
Acq: 06 Dec 2021 14:31

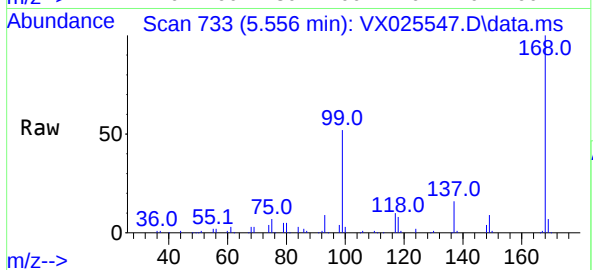
Tgt Ion:113 Resp: 49767
Ion Ratio Lower Upper
113 100
111 103.1 82.1 123.1
192 20.7 15.6 23.4



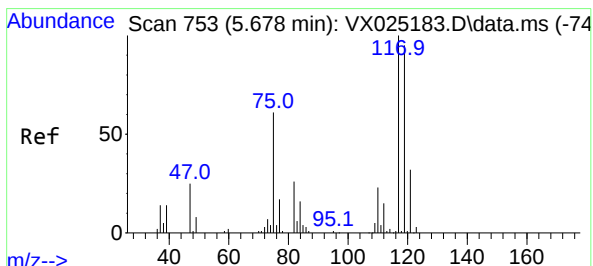
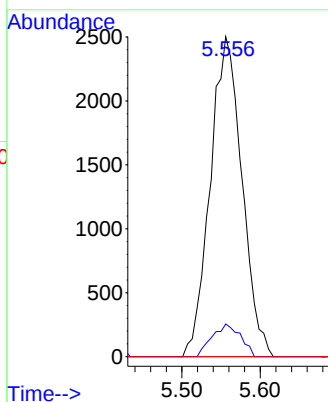
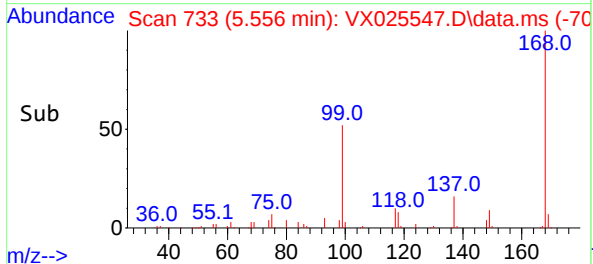


#36
1,1-Dichloropropene
Concen: 4.994 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX025547.D
Acq: 06 Dec 2021 14:31

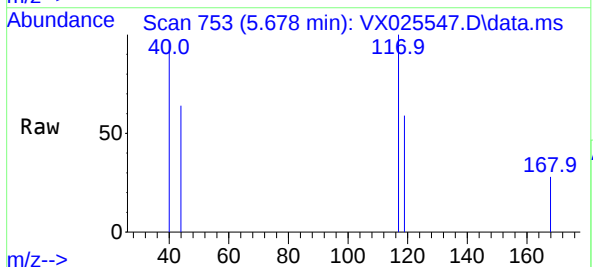
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20211130



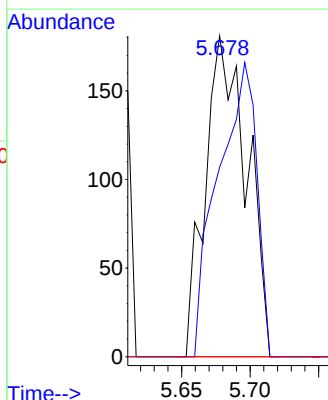
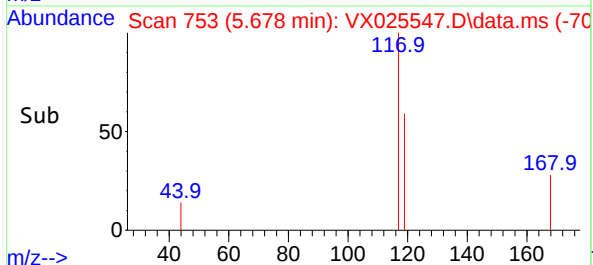
Tgt Ion: 75 Resp: 7041
Ion Ratio Lower Upper
75 100
110 9.1 18.1 54.3#
77 0.0 24.4 36.6#

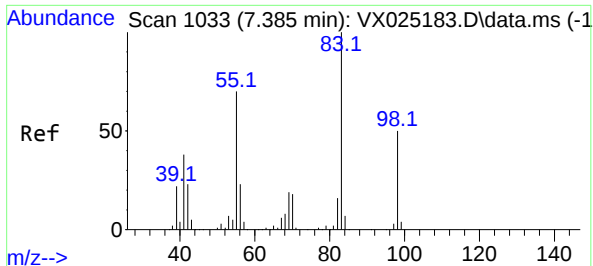


#38
Carbon Tetrachloride
Concen: 0.245 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX025547.D
Acq: 06 Dec 2021 14:31



Tgt Ion: 117 Resp: 380
Ion Ratio Lower Upper
117 100
119 59.1 75.6 113.4#
121 0.0 23.7 35.5#





#39

Methylcyclohexane

Concen: 4.133 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.256 min

Lab File: VX025547.D

Acq: 06 Dec 2021 14:31

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20211130

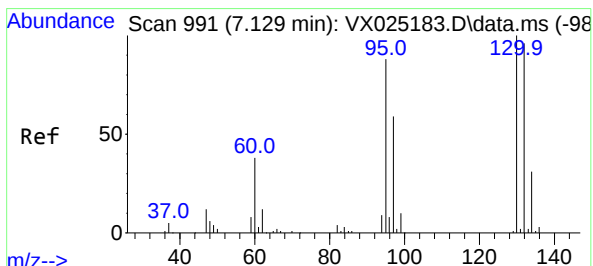
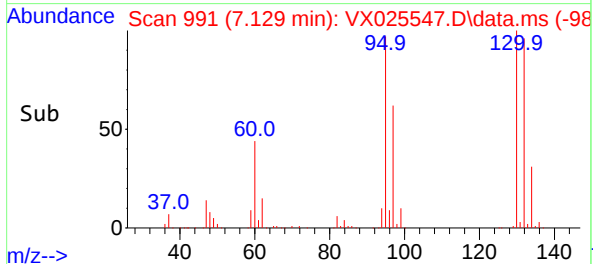
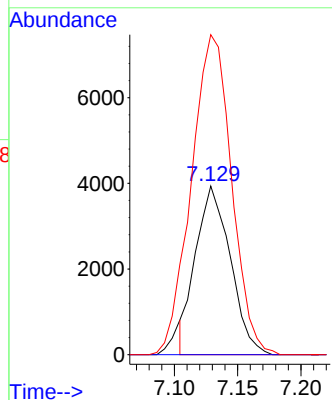
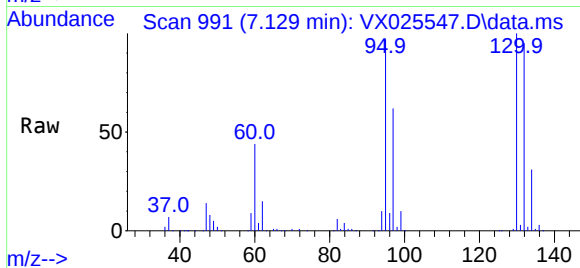
Tgt Ion: 83 Resp: 7475

Ion Ratio Lower Upper

83 100

55 0.0 60.8 91.2#

98 189.8 37.0 55.4#



#44

Trichloroethene

Concen: 547.879 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX025547.D

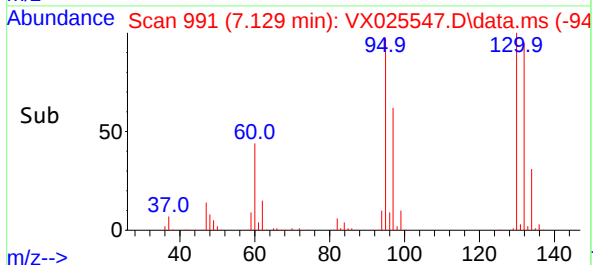
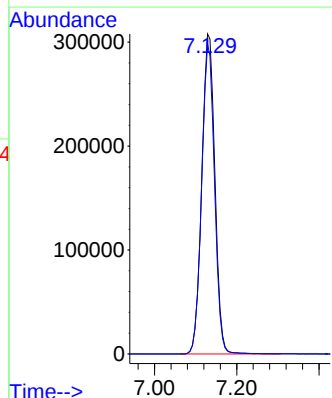
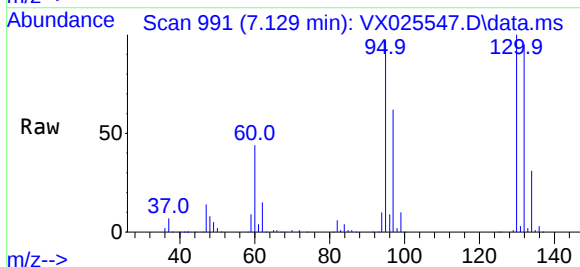
Acq: 06 Dec 2021 14:31

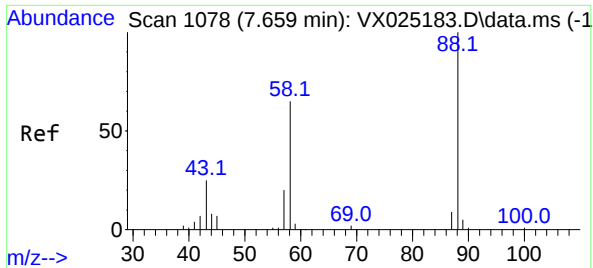
Tgt Ion:130 Resp: 679811

Ion Ratio Lower Upper

130 100

95 96.8 0.0 196.8





#49

1,4-Dioxane

Concen: 18.821 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX025547.D

Acq: 06 Dec 2021 14:31

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20211130

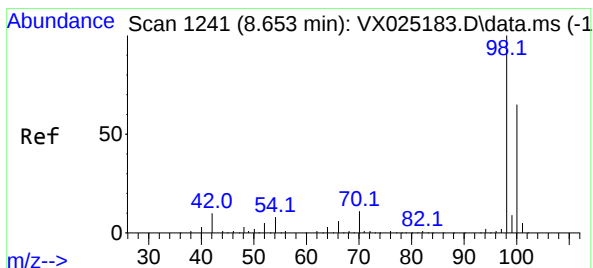
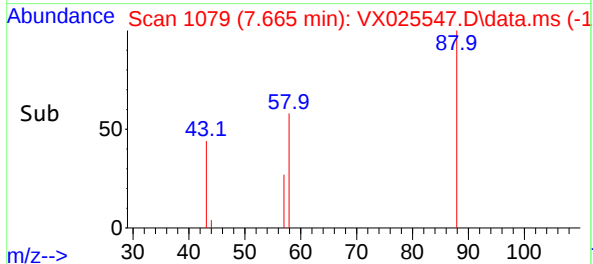
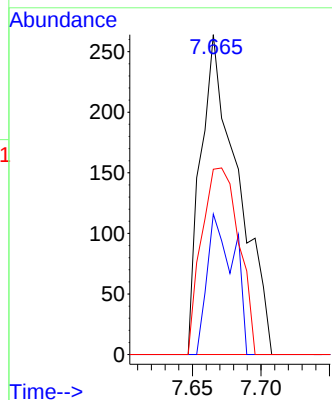
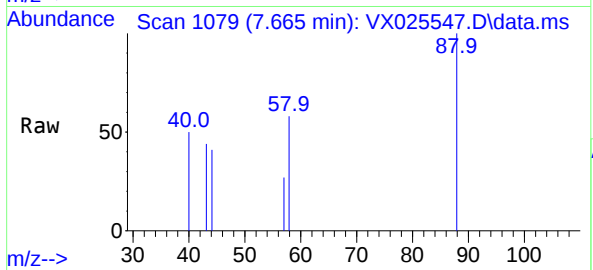
Tgt Ion: 88 Resp: 498

Ion Ratio Lower Upper

88 100

43 31.3 27.0 40.6

58 58.4 55.2 82.8



#50

Toluene-d8

Concen: 49.530 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX025547.D

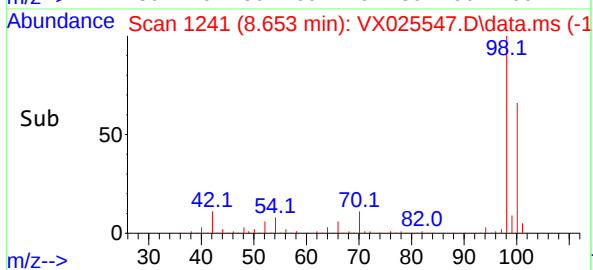
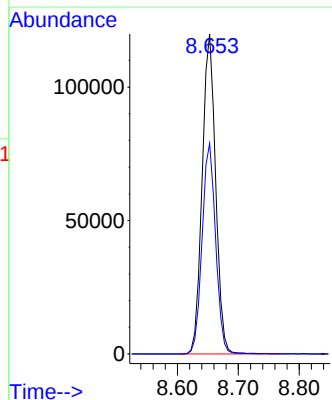
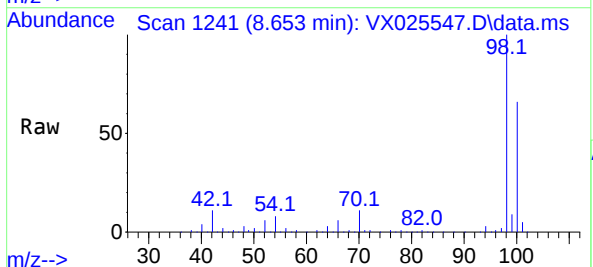
Acq: 06 Dec 2021 14:31

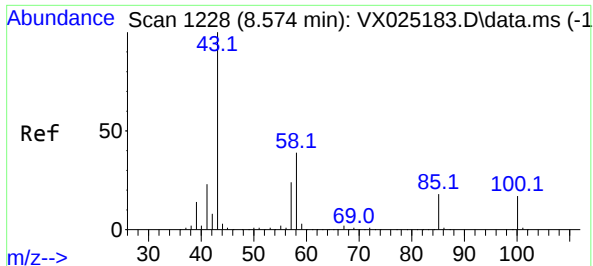
Tgt Ion: 98 Resp: 184660

Ion Ratio Lower Upper

98 100

100 66.1 51.4 77.0

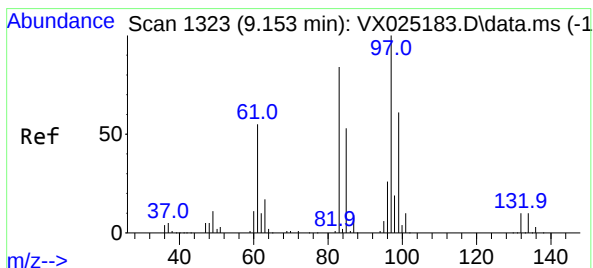
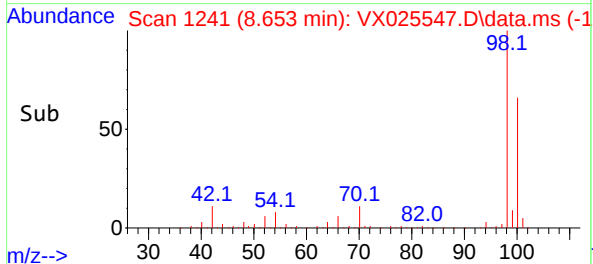
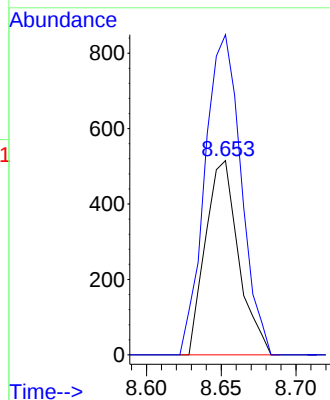
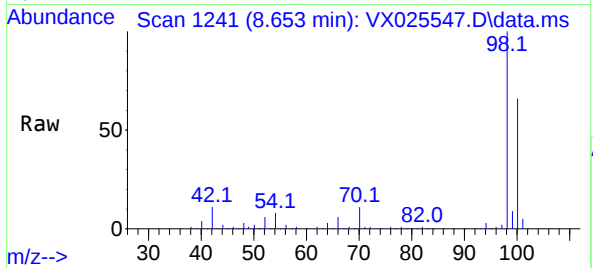




#51
4-Methyl-2-Pentanone
Concen: 0.473 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX025547.D
Acq: 06 Dec 2021 14:31

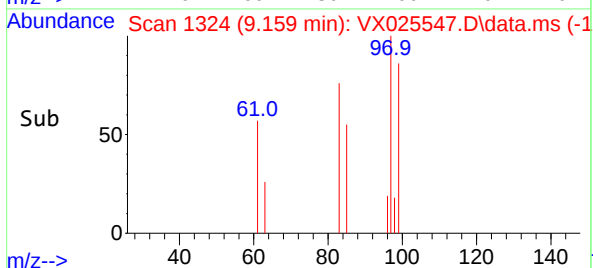
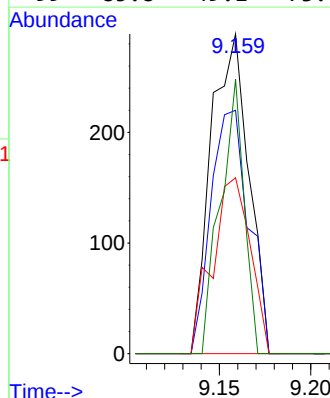
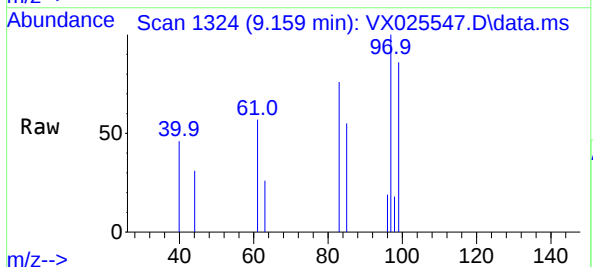
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20211130

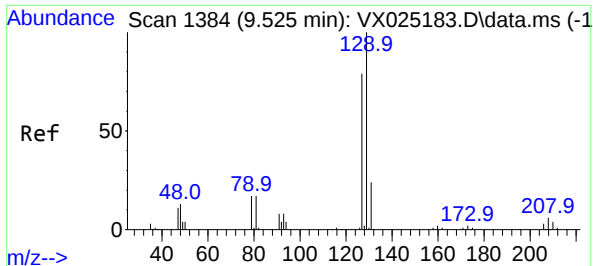
Tgt Ion: 43 Resp: 792
Ion Ratio Lower Upper
43 100
58 180.8 30.9 46.3#



#55
1,1,2-Trichloroethane
Concen: 0.374 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX025547.D
Acq: 06 Dec 2021 14:31

Tgt Ion: 97 Resp: 415
Ion Ratio Lower Upper
97 100
83 76.1 69.2 103.8
85 55.0 43.3 64.9
99 85.8 49.1 73.7#

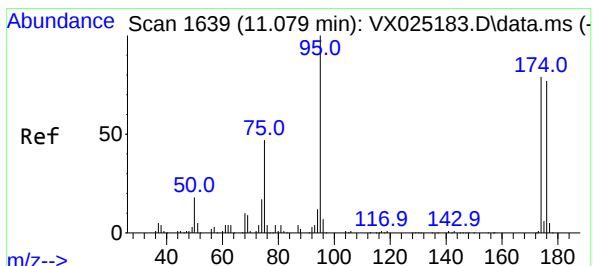
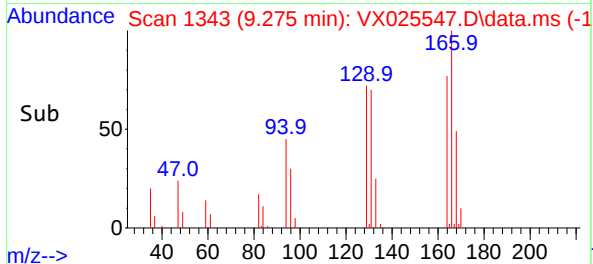
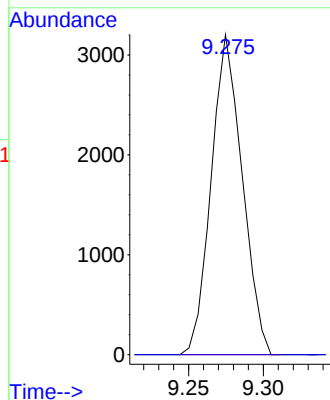
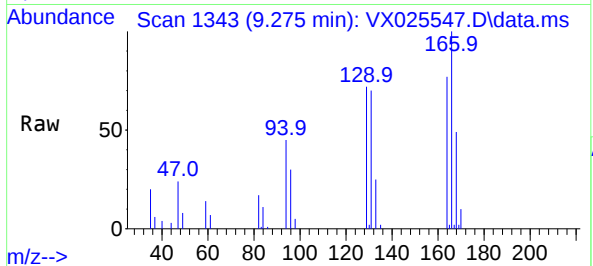




#60
Dibromochloromethane
Concen: 3.616 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX025547.D
Acq: 06 Dec 2021 14:31

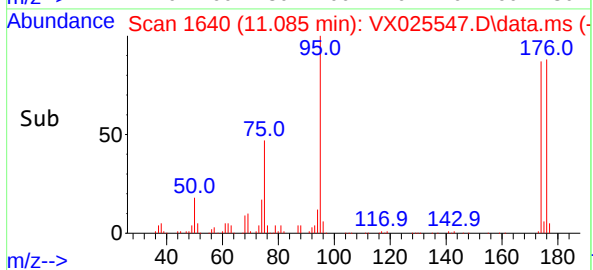
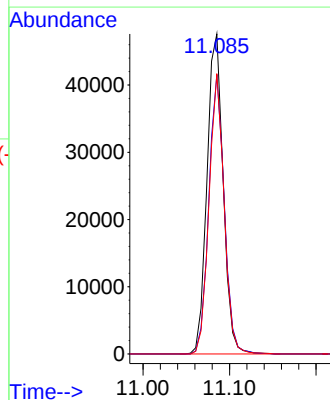
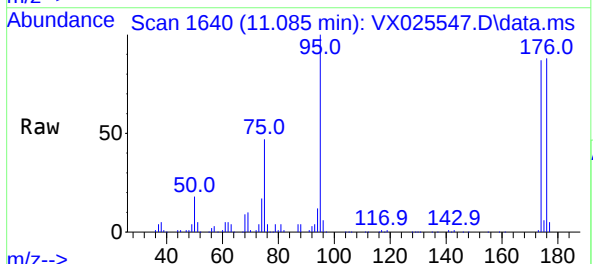
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20211130

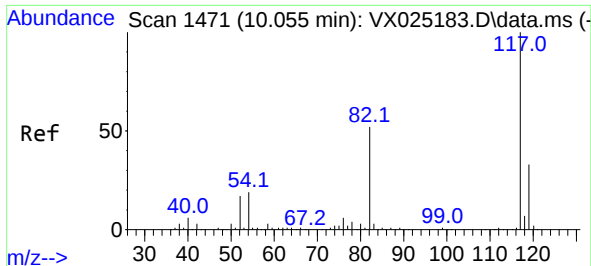
Tgt Ion:129 Resp: 4613
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 43.745 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX025547.D
Acq: 06 Dec 2021 14:31

Tgt Ion: 95 Resp: 61700
Ion Ratio Lower Upper
95 100
174 83.4 0.0 158.0
176 81.8 0.0 153.6

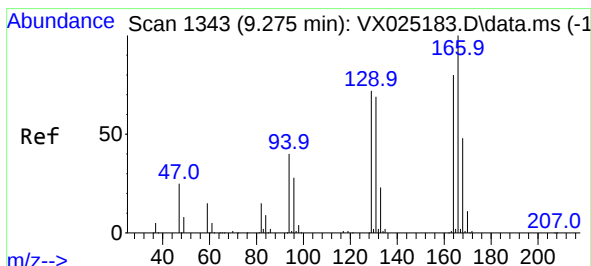
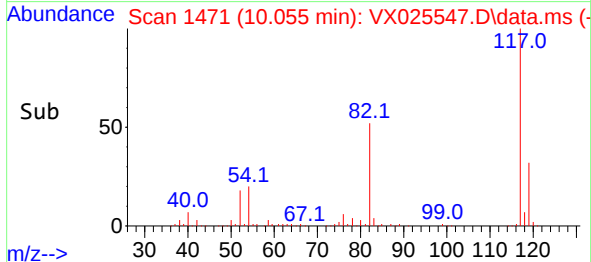
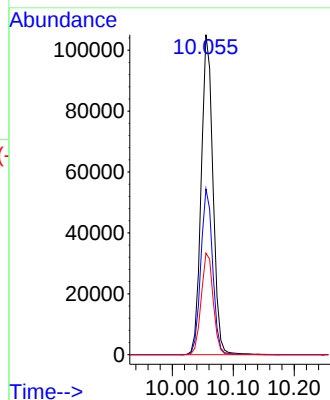
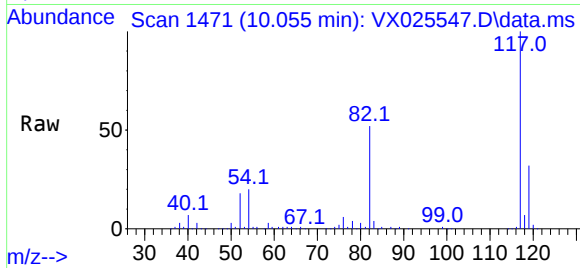




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025547.D
Acq: 06 Dec 2021 14:31

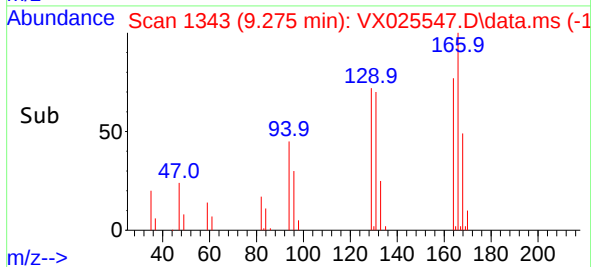
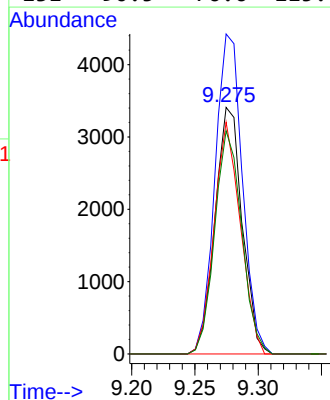
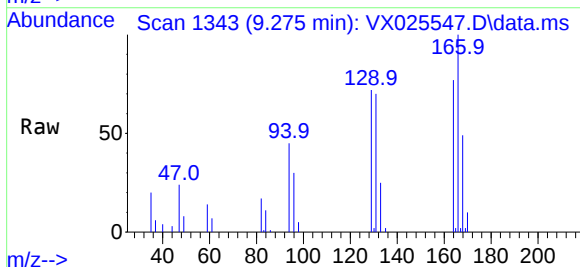
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20211130

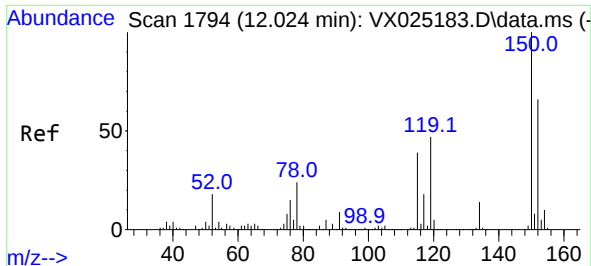
Tgt Ion:117 Resp: 141023
Ion Ratio Lower Upper
117 100
82 51.8 44.6 67.0
119 31.7 24.8 37.2



#64
Tetrachloroethene
Concen: 4.381 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX025547.D
Acq: 06 Dec 2021 14:31

Tgt Ion:164 Resp: 5095
Ion Ratio Lower Upper
164 100
166 129.8 103.2 154.8
129 94.0 81.0 121.4
131 90.5 76.6 115.0

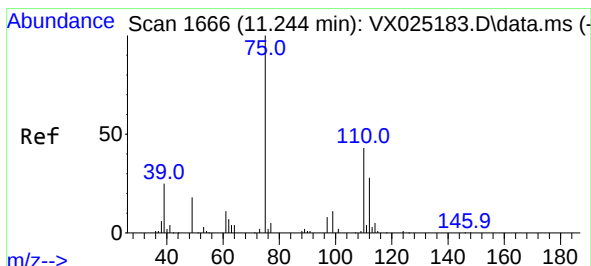
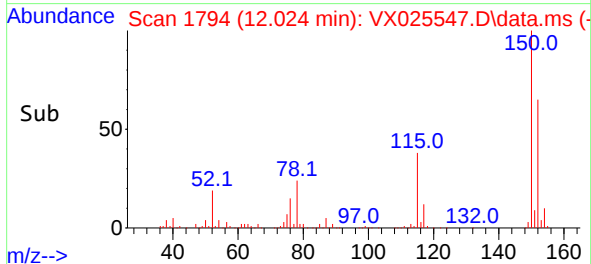
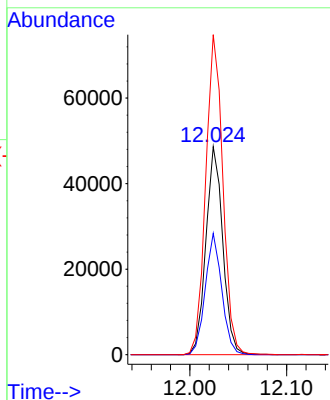
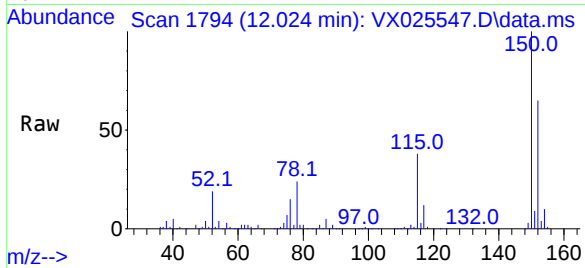




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025547.D
Acq: 06 Dec 2021 14:31

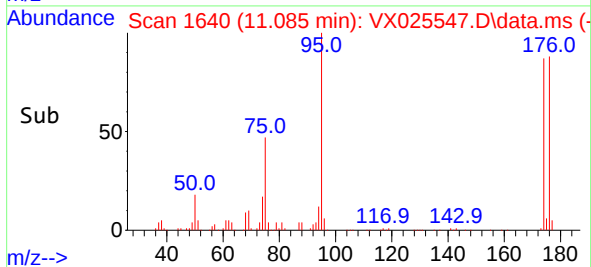
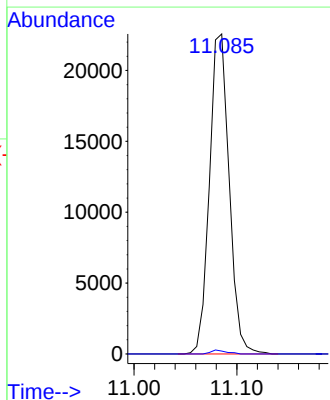
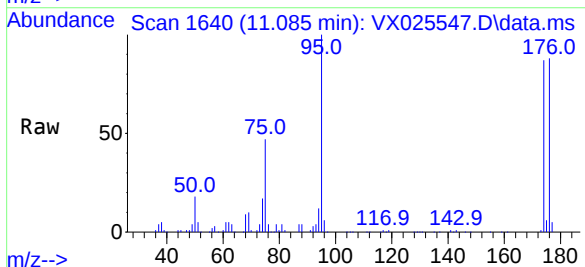
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20211130

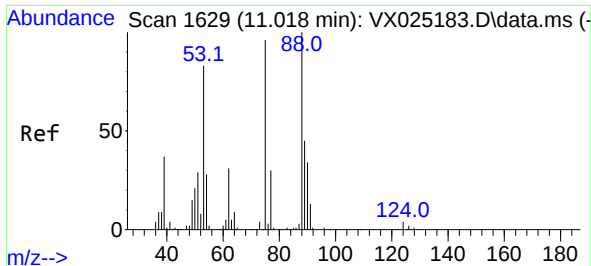
Tgt Ion:152 Resp: 59164
Ion Ratio Lower Upper
152 100
115 57.0 43.3 129.8
150 156.1 0.0 351.2



#76
1,2,3-Trichloropropane
Concen: 24.801 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX025547.D
Acq: 06 Dec 2021 14:31

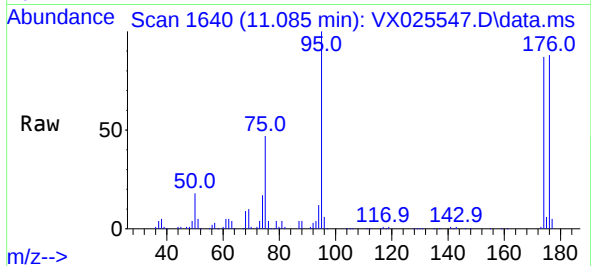
Tgt Ion: 75 Resp: 30048
Ion Ratio Lower Upper
75 100
77 1.0 20.0 59.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.478 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX025547.D
 Acq: 06 Dec 2021 14:31

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20211130



Tgt Ion: 75 Resp: 30048
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.9 122.9#
 89 0.0 38.2 57.2#

