

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121421\
 Data File : VX025782.D
 Acq On : 14 Dec 2021 17:20
 Operator : JC/MD
 Sample : M4988-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 15 07:06:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 07:02:11 2021
 Response via : Initial Calibration

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

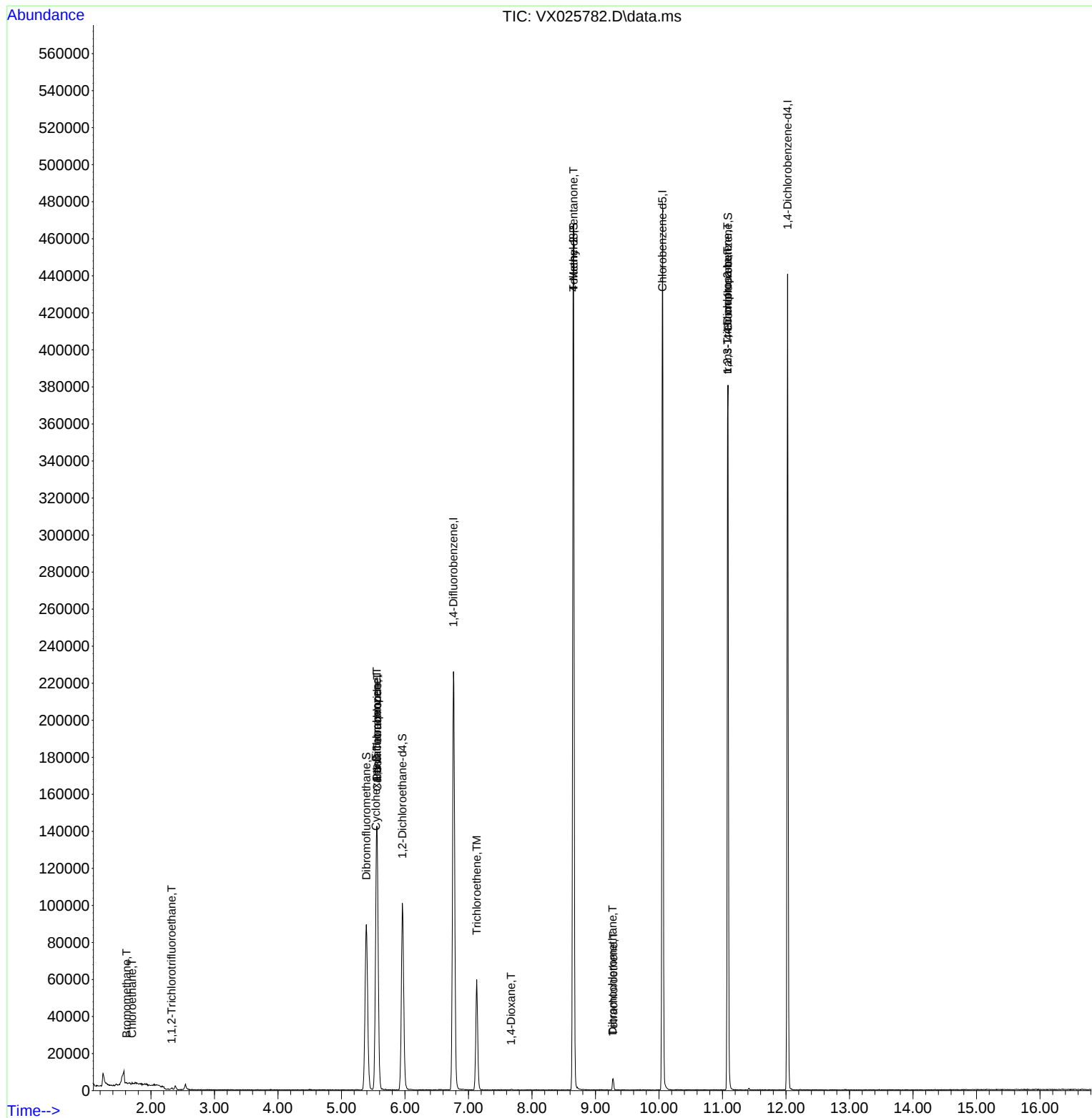
Internal Standards						
1) Pentafluorobenzene	5.556	168	134537	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	233750	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87656	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90927	46.973	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.940%
35) Dibromofluoromethane	5.391	113	75978	46.607	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.220%
50) Toluene-d8	8.653	98	275057	46.309	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.620%
62) 4-Bromofluorobenzene	11.085	95	104036	46.110	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.220%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	250	0.210	ug/l #	46
6) Chloroethane	1.703	64	272	0.225	ug/l #	46
9) 1,1,2-Trichlorotrifluo...	2.325	101	453	0.316	ug/l #	72
16) Acetone	2.386	43	2063	Below Cal	#	86
20) Methylene Chloride	2.800	84	53	Below Cal	#	7
31) Cyclohexane	5.544	56	3126	1.328	ug/l #	37
36) 1,1-Dichloropropene	5.556	75	10533	4.765	ug/l #	49
38) Carbon Tetrachloride	5.562	117	14427	5.609	ug/l #	16
44) Trichloroethene	7.129	130	21518	11.720	ug/l	98
49) 1,4-Dioxane	7.671	88	285	7.006	ug/l #	77
51) 4-Methyl-2-Pentanone	8.653	43	1310	0.506	ug/l #	1
60) Dibromochloromethane	9.269	129	1095	0.535	ug/l #	11
64) Tetrachloroethene	9.281	164	1035	0.612	ug/l #	86
76) 1,2,3-Trichloropropane	11.079	75	53367	26.573	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	53367	82.382	ug/l #	10

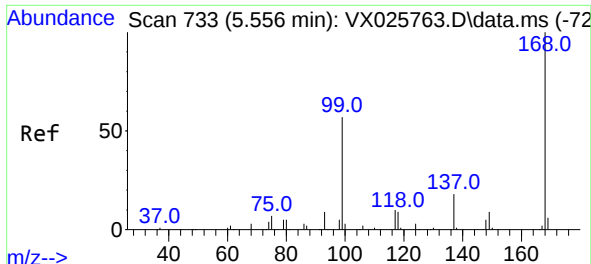
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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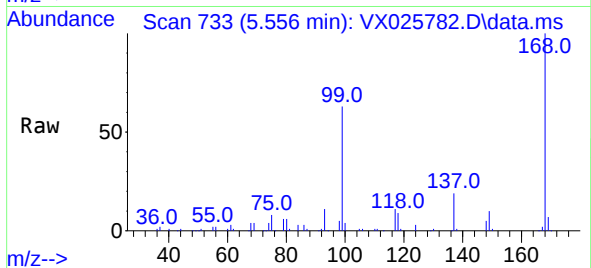
Quant Time: Dec 15 07:06:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
Quant Title : SW846 8260
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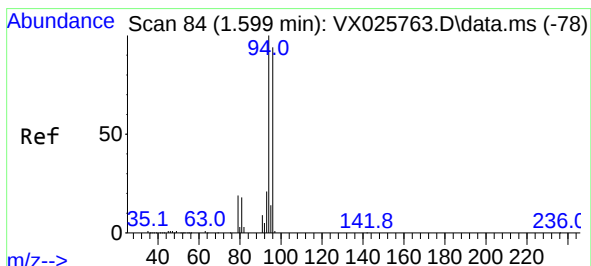
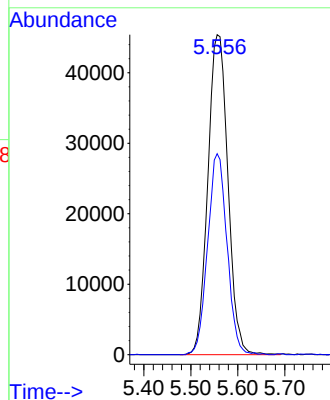


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025782.D
Acq: 14 Dec 2021 17:20

Instrument :
MSVOA_X
ClientSampleId :

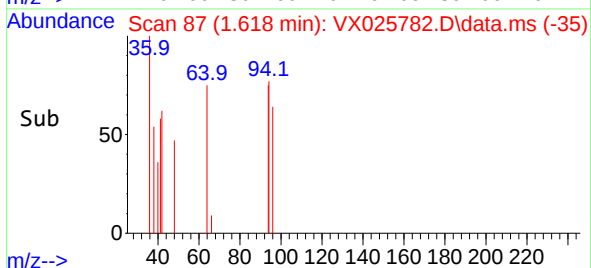
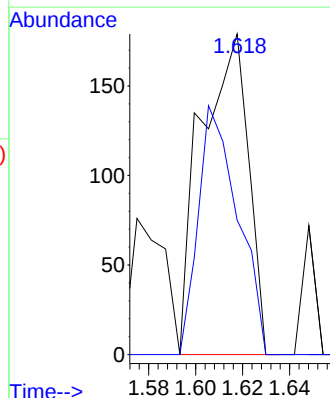
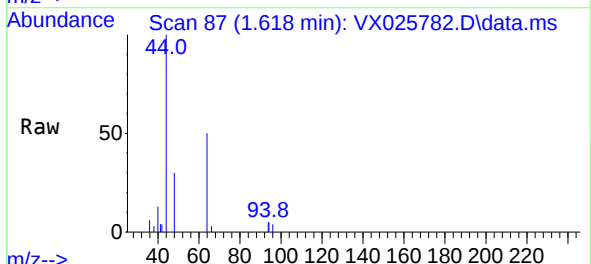


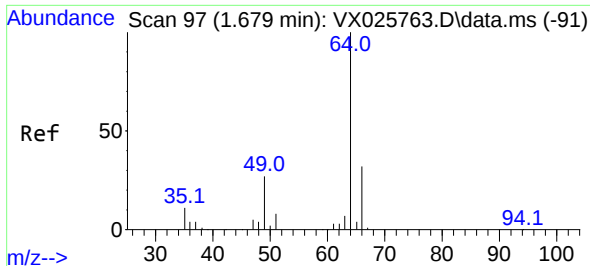
Tgt Ion:168 Resp: 134537
Ion Ratio Lower Upper
168 100
99 62.8 45.8 68.8



#5
Bromomethane
Concen: 0.210 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX025782.D
Acq: 14 Dec 2021 17:20

Tgt Ion: 94 Resp: 250
Ion Ratio Lower Upper
94 100
96 41.9 75.0 112.4#

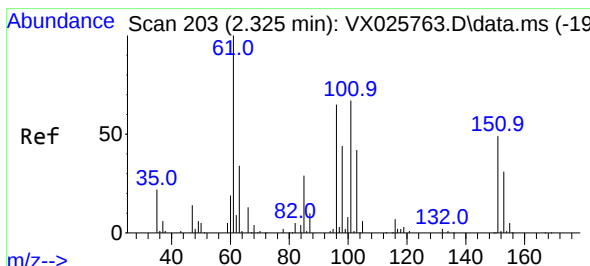
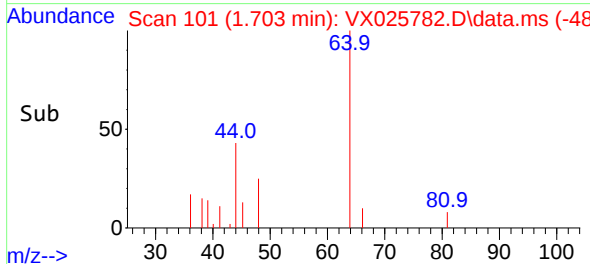
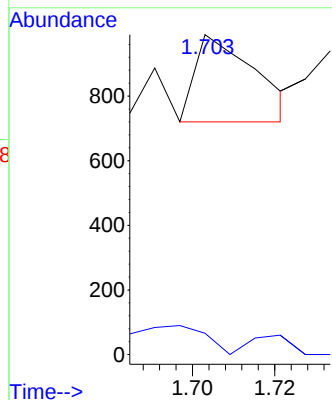
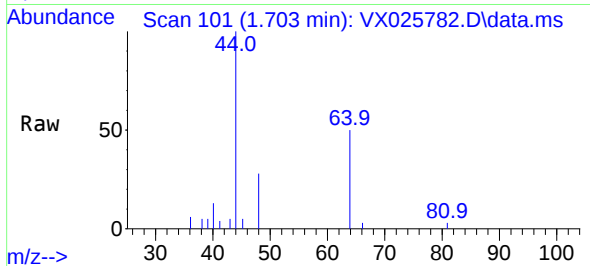




#6
Chloroethane
Concen: 0.225 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.024 min
Lab File: VX025782.D
Acq: 14 Dec 2021 17:20

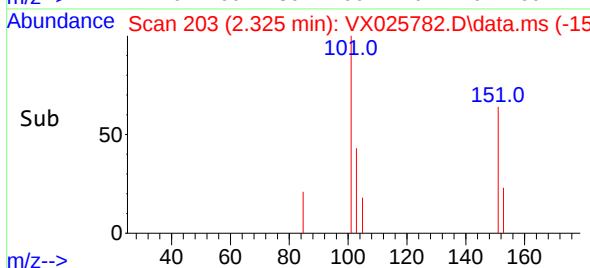
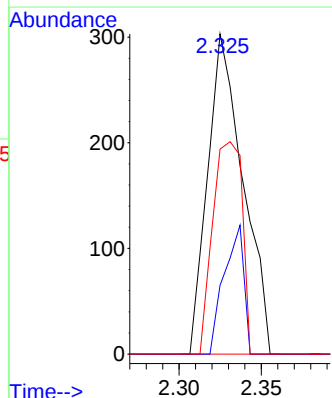
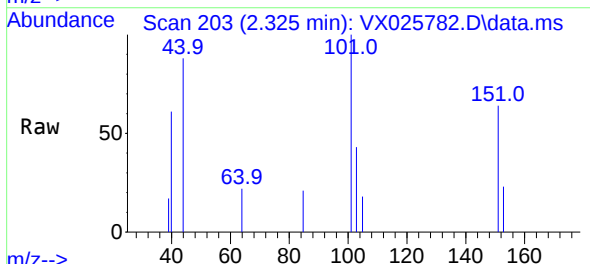
Instrument :
MSVOA_X
ClientSampleId :

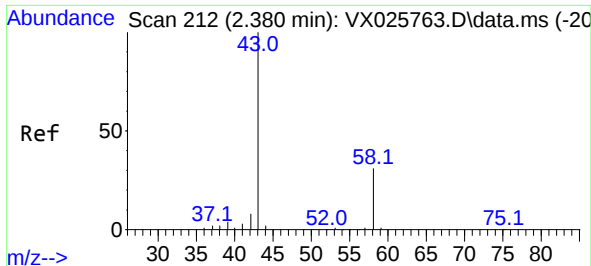
Tgt Ion: 64 Resp: 272
Ion Ratio Lower Upper
64 100
66 2.2 25.9 38.9#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.316 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX025782.D
Acq: 14 Dec 2021 17:20

Tgt Ion: 101 Resp: 453
Ion Ratio Lower Upper
101 100
85 22.5 36.5 54.7#
151 55.2 60.6 90.8#

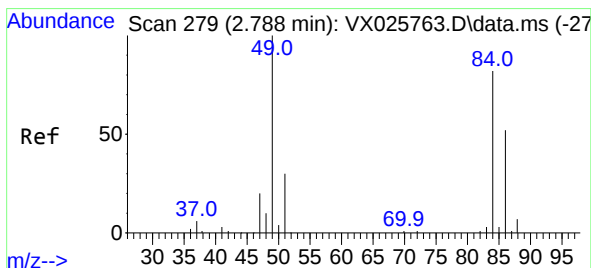
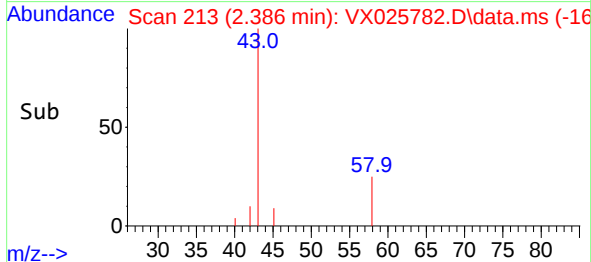
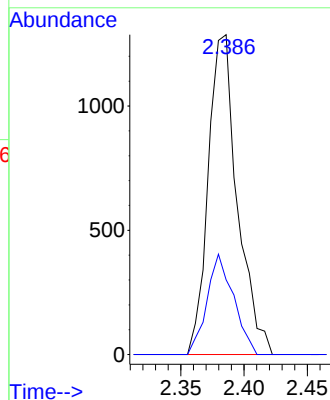
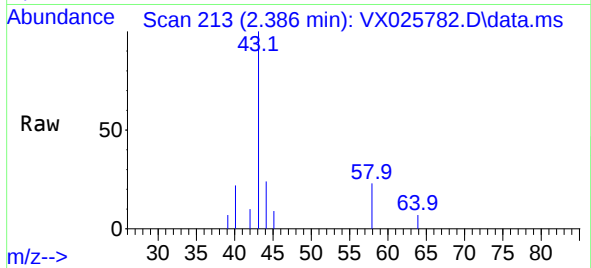




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX025782.D
Acq: 14 Dec 2021 17:20

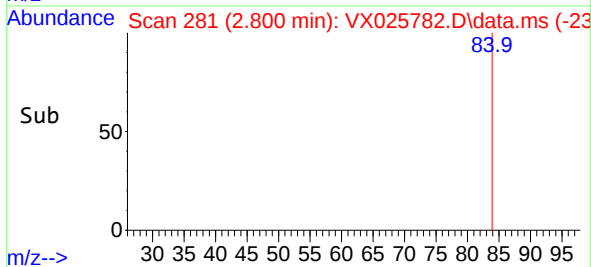
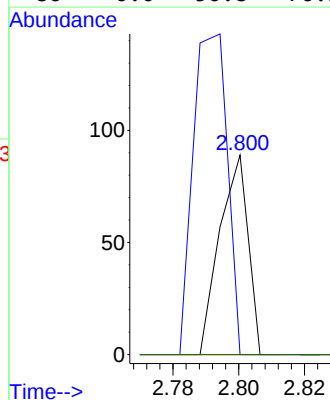
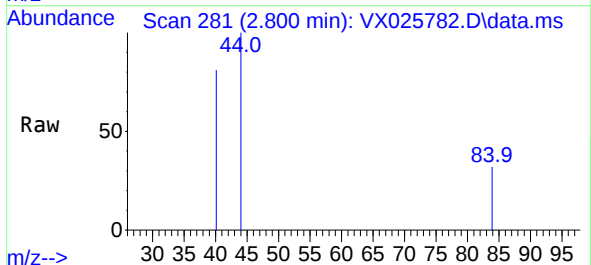
Instrument :
MSVOA_X
ClientSampleId :

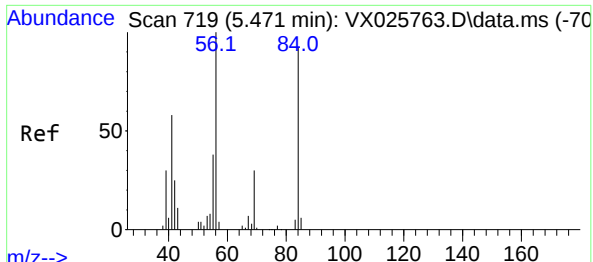
Tgt Ion: 43 Resp: 2063
Ion Ratio Lower Upper
43 100
58 23.4 24.8 37.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX025782.D
Acq: 14 Dec 2021 17:20

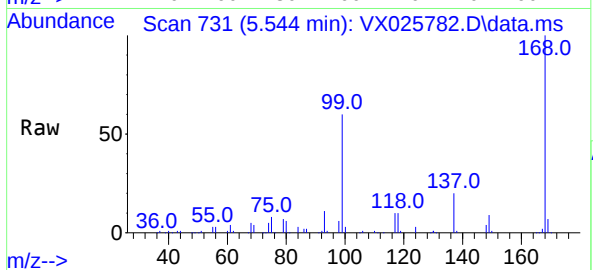
Tgt Ion: 84 Resp: 53
Ion Ratio Lower Upper
84 100
49 0.0 97.1 145.7#
51 0.0 29.3 43.9#
86 0.0 50.8 76.2#



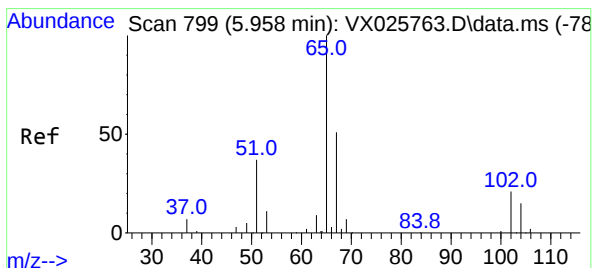
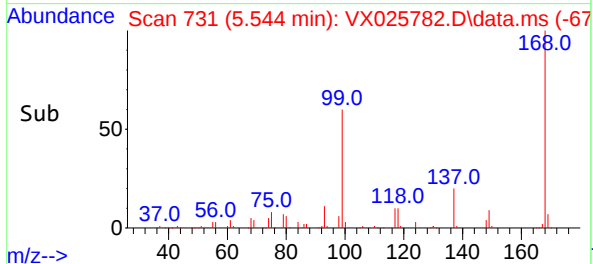
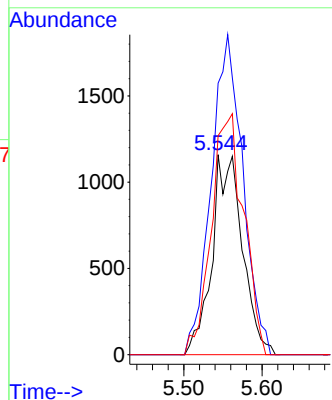


#31
Cyclohexane
Concen: 1.328 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX025782.D
Acq: 14 Dec 2021 17:20

Instrument :
MSVOA_X
ClientSampleId :

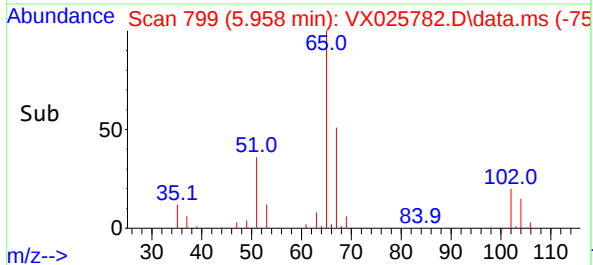
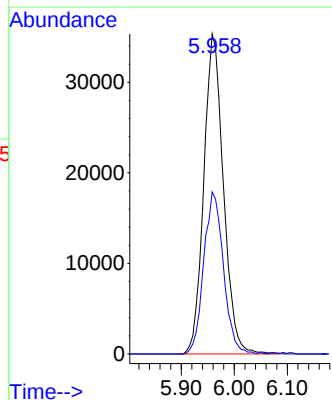
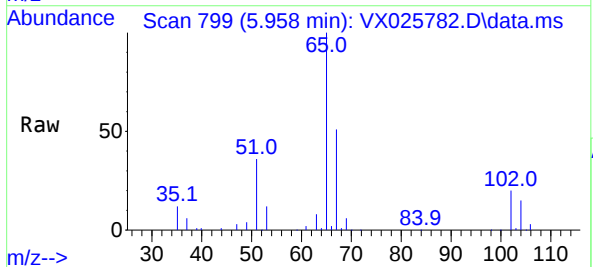


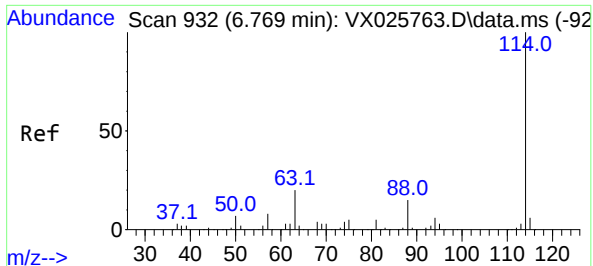
Tgt Ion: 56 Resp: 3126
Ion Ratio Lower Upper
56 100
69 135.8 23.9 35.9#
84 109.6 73.2 109.8



#33
1,2-Dichloroethane-d4
Concen: 46.973 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025782.D
Acq: 14 Dec 2021 17:20

Tgt Ion: 65 Resp: 90927
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.4

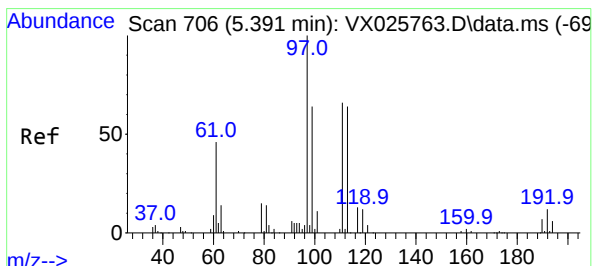
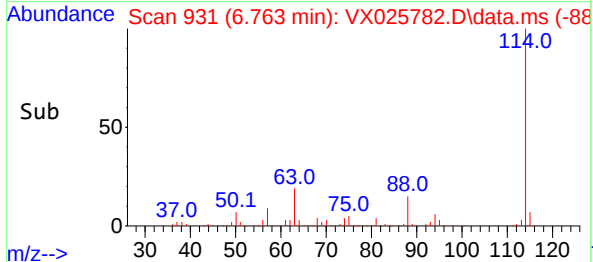
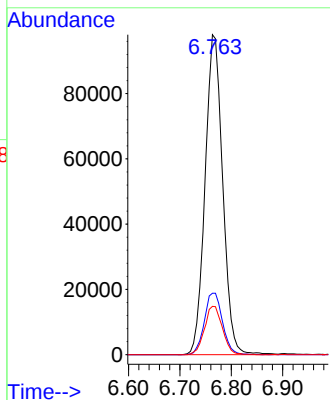
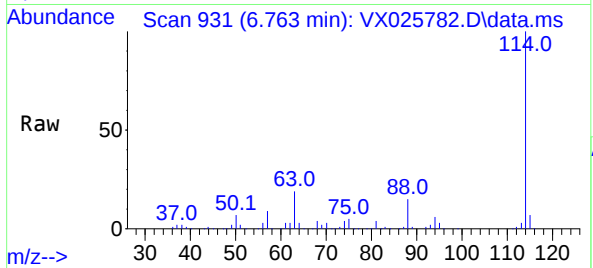




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX025782.D
Acq: 14 Dec 2021 17:20

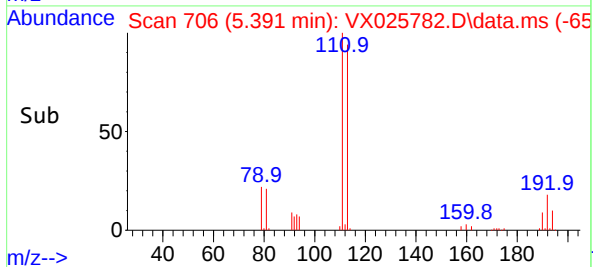
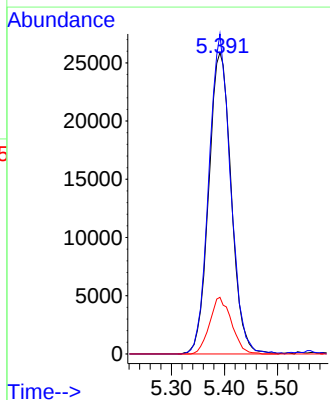
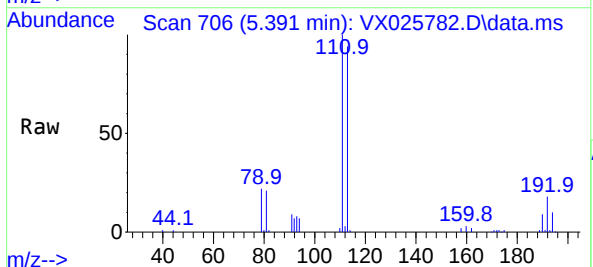
Instrument :
MSVOA_X
ClientSampleId :

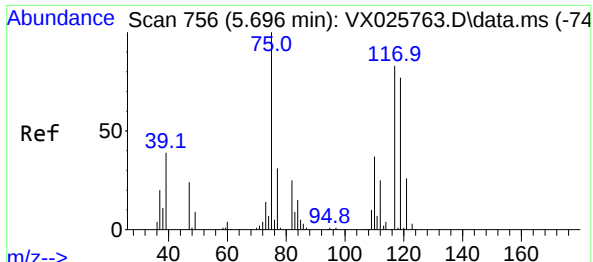
Tgt Ion:114 Resp: 233750
Ion Ratio Lower Upper
114 100
63 19.2 0.0 40.0
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 46.607 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX025782.D
Acq: 14 Dec 2021 17:20

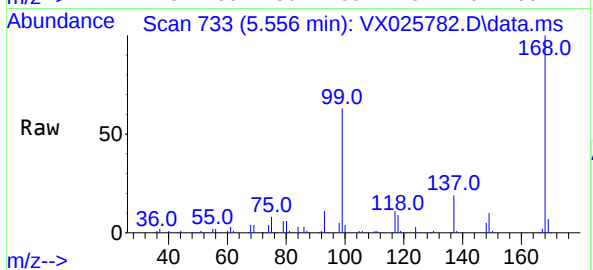
Tgt Ion:113 Resp: 75978
Ion Ratio Lower Upper
113 100
111 102.9 81.8 122.8
192 18.3 15.0 22.4



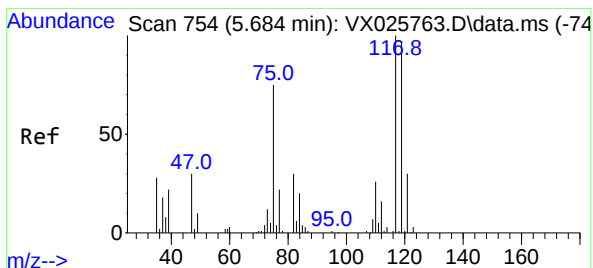
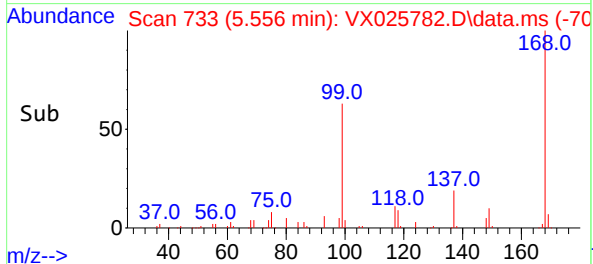
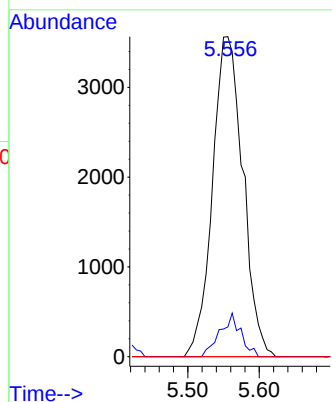


#36
1,1-Dichloropropene
Concen: 4.765 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX025782.D
Acq: 14 Dec 2021 17:20

Instrument :
MSVOA_X
ClientSampleId :

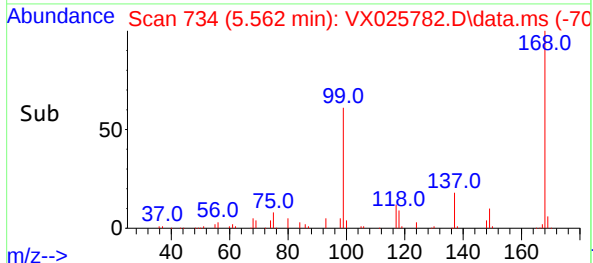
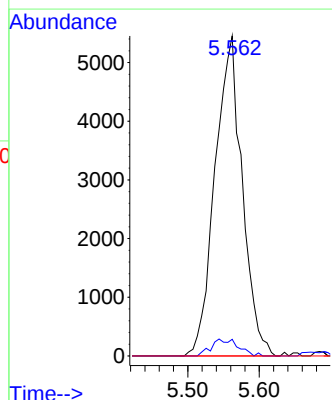
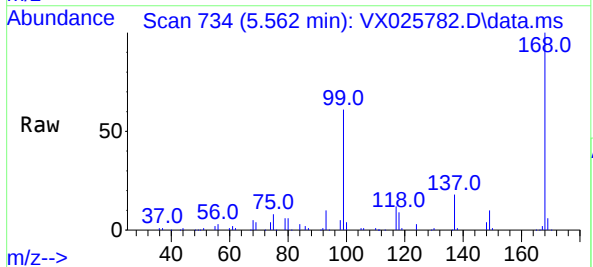


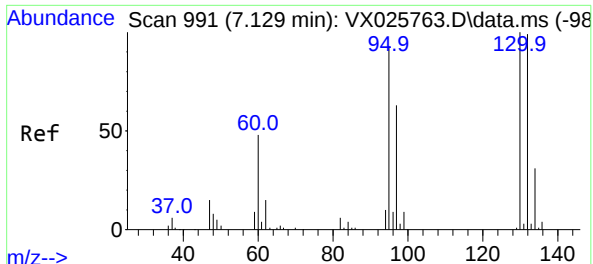
Tgt Ion: 75 Resp: 10533
Ion Ratio Lower Upper
75 100
110 9.3 18.2 54.6#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.609 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX025782.D
Acq: 14 Dec 2021 17:20

Tgt Ion: 117 Resp: 14427
Ion Ratio Lower Upper
117 100
119 5.2 77.2 115.8#
121 0.0 23.8 35.8#

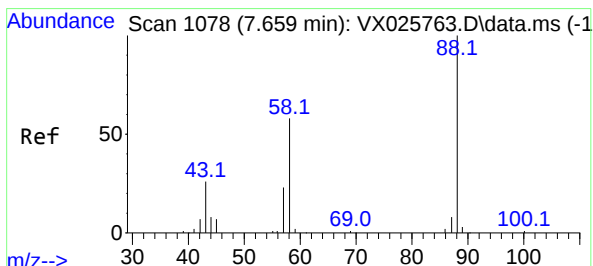
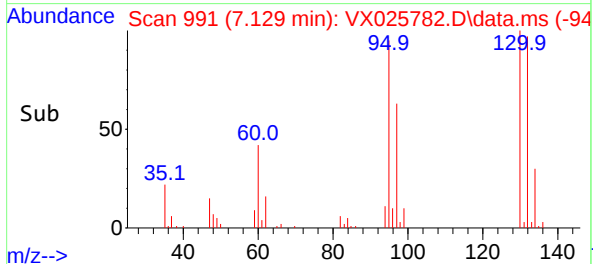
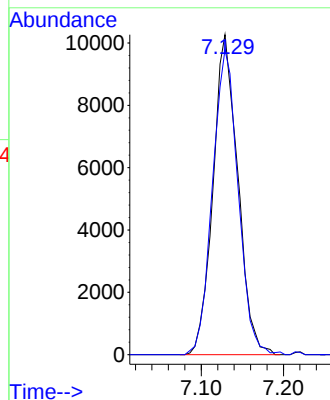
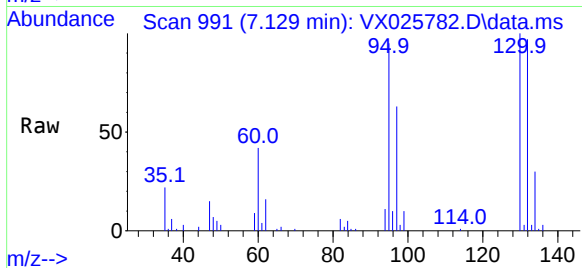




#44
Trichloroethene
Concen: 11.720 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX025782.D
Acq: 14 Dec 2021 17:20

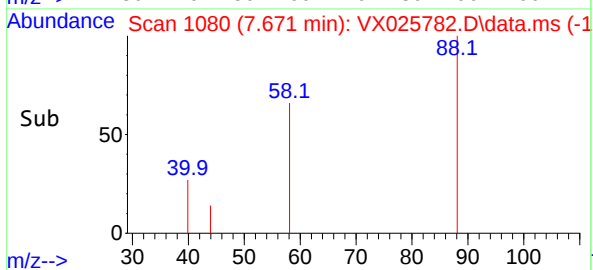
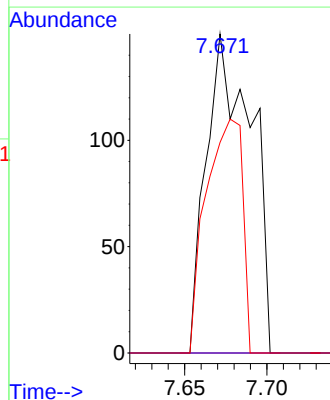
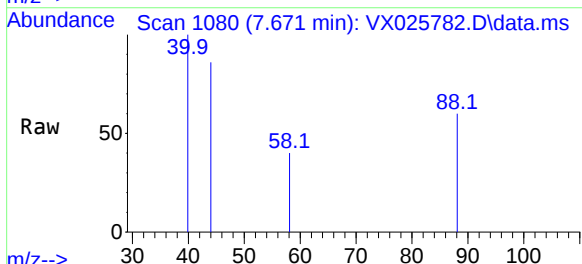
Instrument :
MSVOA_X
ClientSampleId :

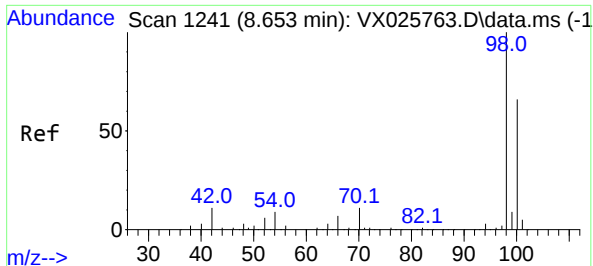
Tgt Ion:130 Resp: 21518
Ion Ratio Lower Upper
130 100
95 95.3 0.0 186.4



#49
1,4-Dioxane
Concen: 7.006 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.012 min
Lab File: VX025782.D
Acq: 14 Dec 2021 17:20

Tgt Ion: 88 Resp: 285
Ion Ratio Lower Upper
88 100
43 0.0 25.3 37.9#
58 59.3 51.8 77.6

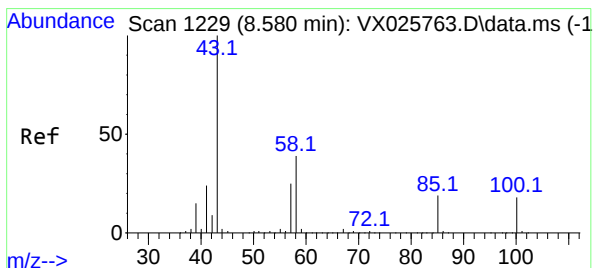
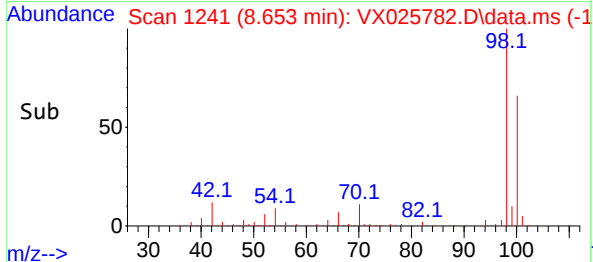
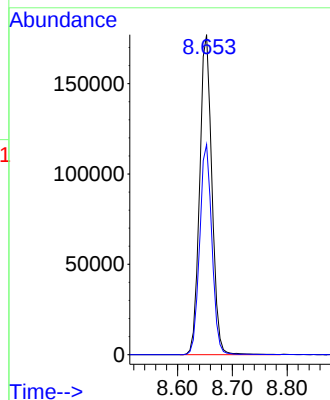
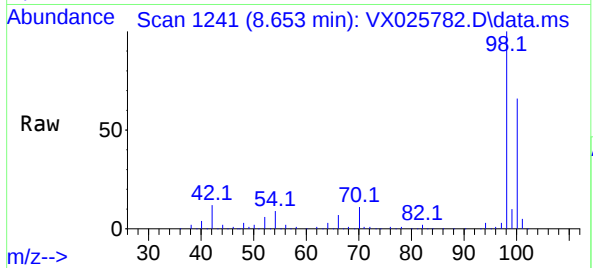




#50
Toluene-d8
Concen: 46.309 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX025782.D
Acq: 14 Dec 2021 17:20

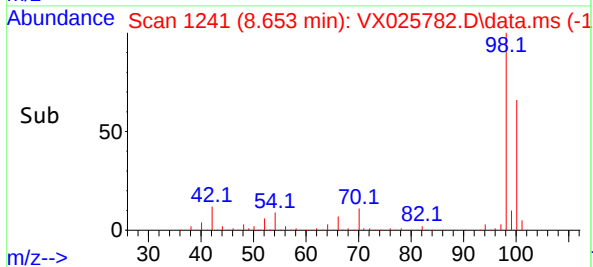
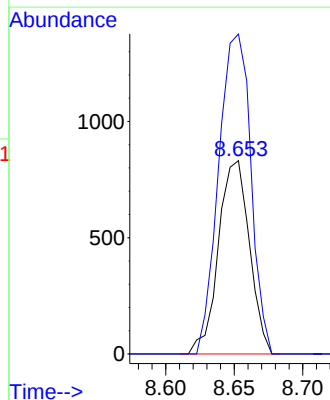
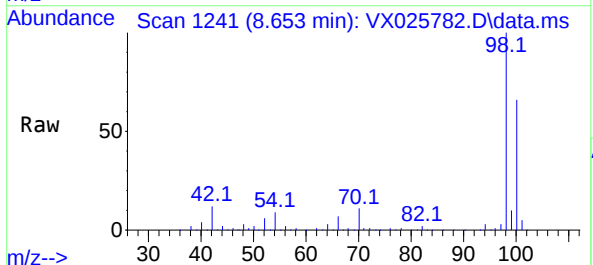
Instrument :
MSVOA_X
ClientSampleId :

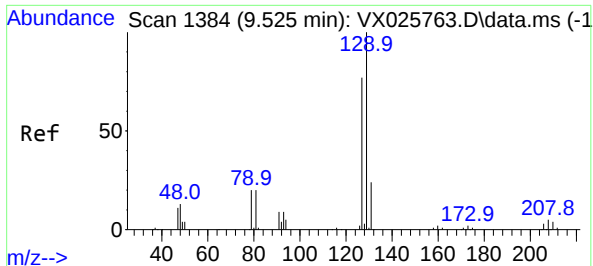
Tgt Ion: 98 Resp: 275057
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.506 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX025782.D
Acq: 14 Dec 2021 17:20

Tgt Ion: 43 Resp: 1310
Ion Ratio Lower Upper
43 100
58 171.8 30.8 46.2#





#60

Dibromochloromethane

Concen: 0.535 ug/l

RT: 9.269 min Scan# 11

Delta R.T. -0.256 min

Lab File: VX025782.D

Acq: 14 Dec 2021 17:20

Instrument :

MSVOA_X

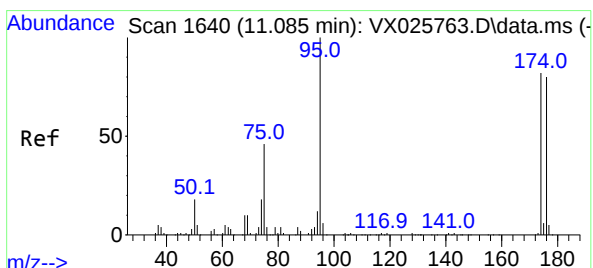
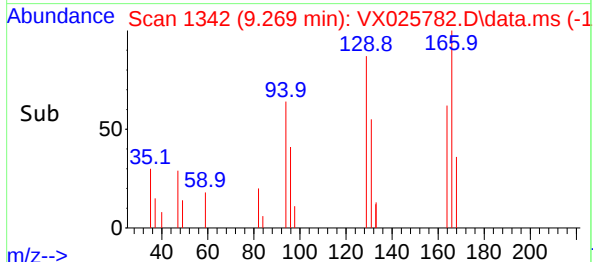
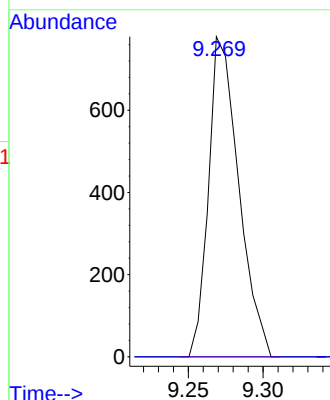
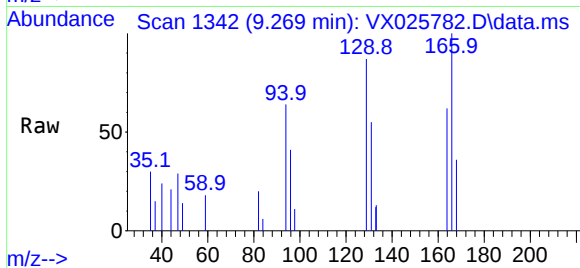
ClientSampleId :

Tgt Ion:129 Resp: 1095

Ion Ratio Lower Upper

129 100

127 0.0 38.6 115.7#



#62

4-Bromofluorobenzene

Concen: 46.110 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX025782.D

Acq: 14 Dec 2021 17:20

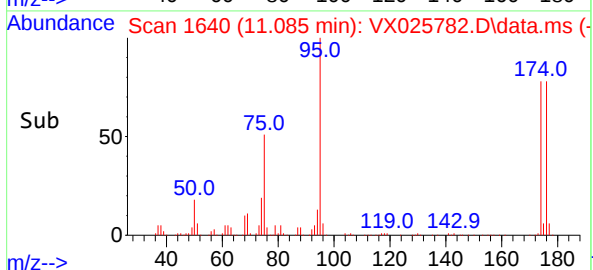
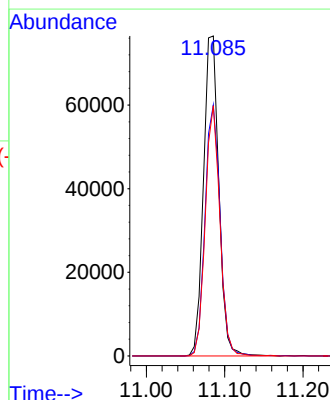
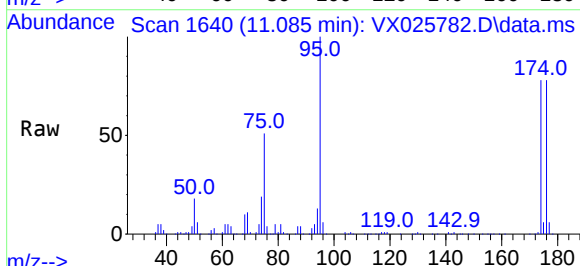
Tgt Ion: 95 Resp: 104036

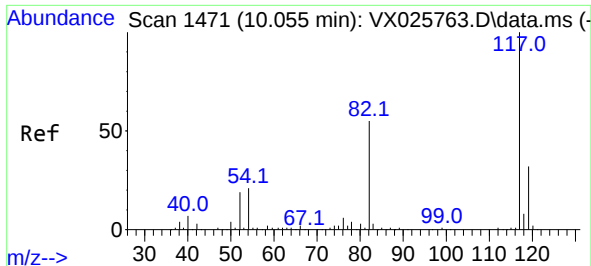
Ion Ratio Lower Upper

95 100

174 77.0 0.0 157.4

176 74.5 0.0 154.6

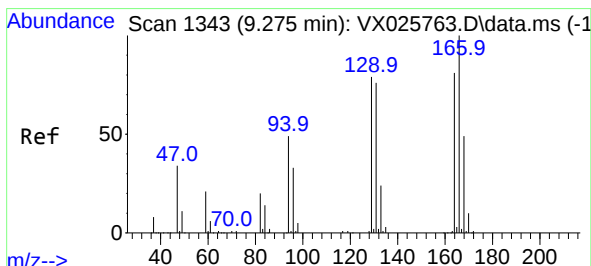
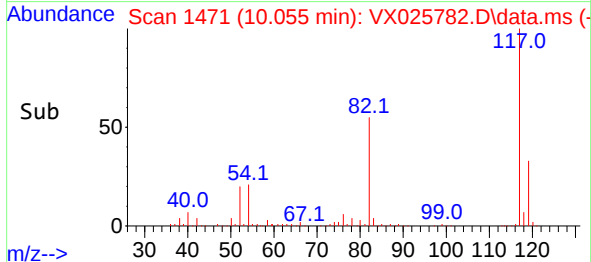
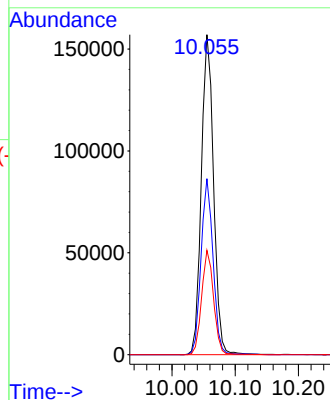
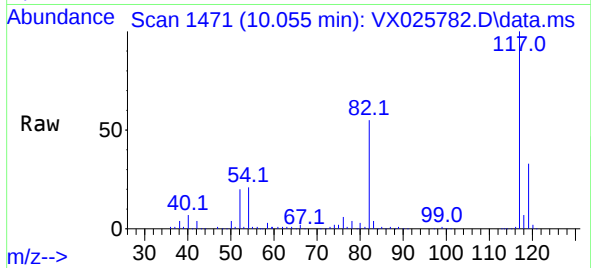




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025782.D
Acq: 14 Dec 2021 17:20

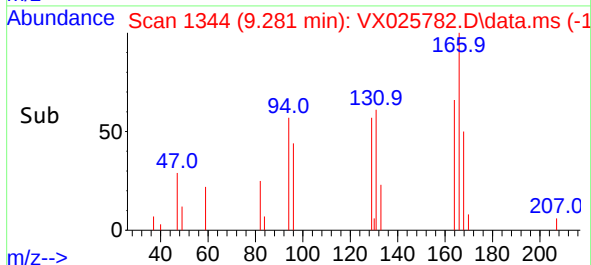
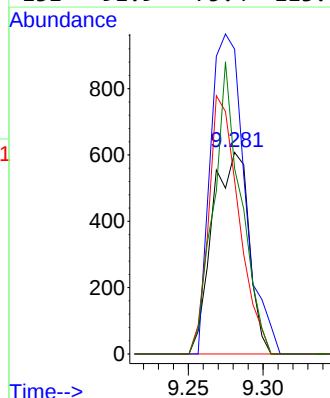
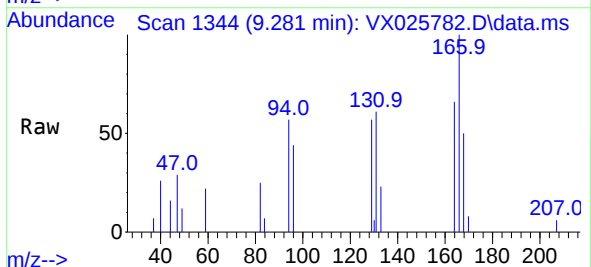
Instrument :
MSVOA_X
ClientSampleId :

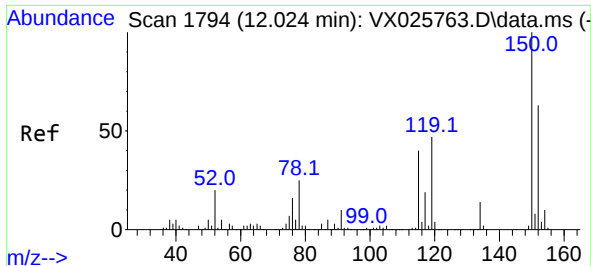
Tgt Ion:117 Resp: 212074
Ion Ratio Lower Upper
117 100
82 55.0 43.8 65.6
119 32.6 25.2 37.8



#64
Tetrachloroethene
Concen: 0.612 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX025782.D
Acq: 14 Dec 2021 17:20

Tgt Ion:164 Resp: 1035
Ion Ratio Lower Upper
164 100
166 151.2 99.4 149.0#
129 86.0 78.6 118.0
131 91.9 75.4 113.0

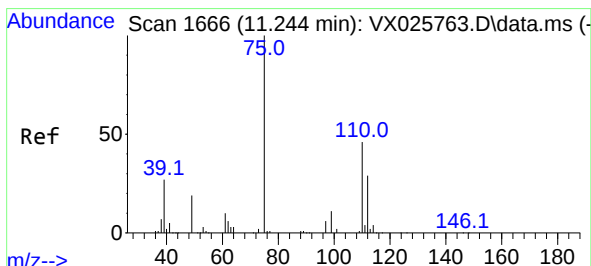
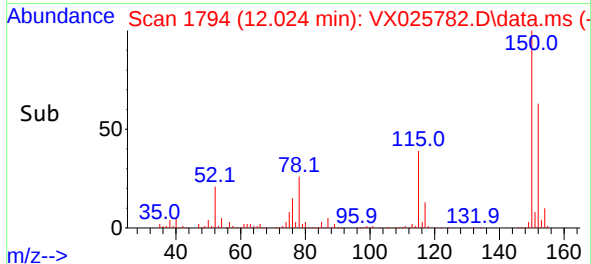
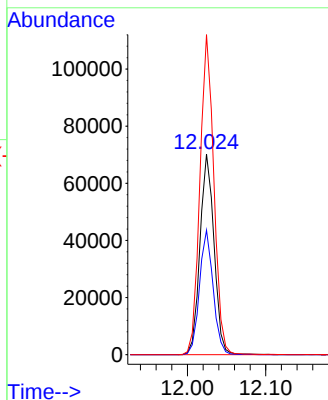
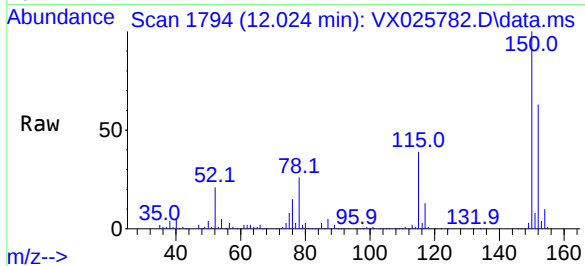




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX025782.D
 Acq: 14 Dec 2021 17:20

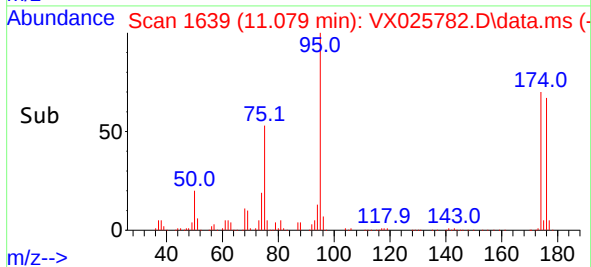
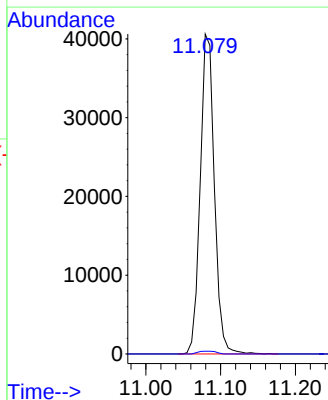
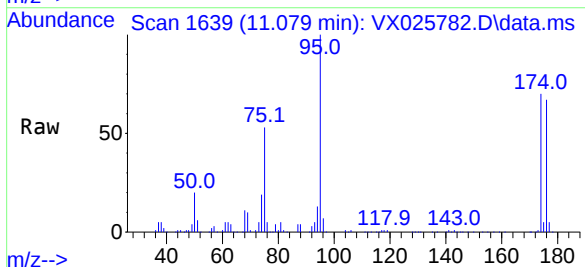
Instrument :
 MSVOA_X
 ClientSampleId :

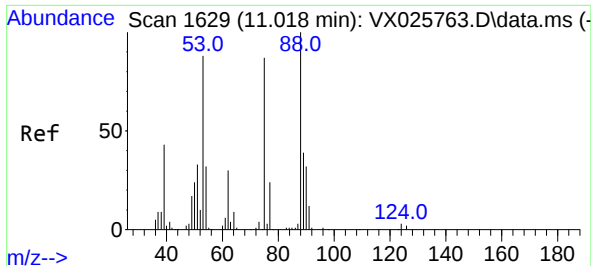
Tgt Ion:152 Resp: 87656
 Ion Ratio Lower Upper
 152 100
 115 60.3 41.3 123.9
 150 157.8 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 26.573 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX025782.D
 Acq: 14 Dec 2021 17:20

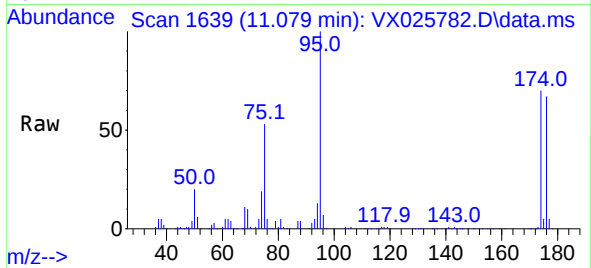
Tgt Ion: 75 Resp: 53367
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.0 57.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.382 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX025782.D
 Acq: 14 Dec 2021 17:20

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 53367
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.5 119.3#
 89 0.2 38.3 57.5#

