

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121821\
 Data File : VX025884.D
 Acq On : 17 Dec 2021 14:42
 Operator : JC/MD
 Sample : M5137-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 19 02:28:50 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)

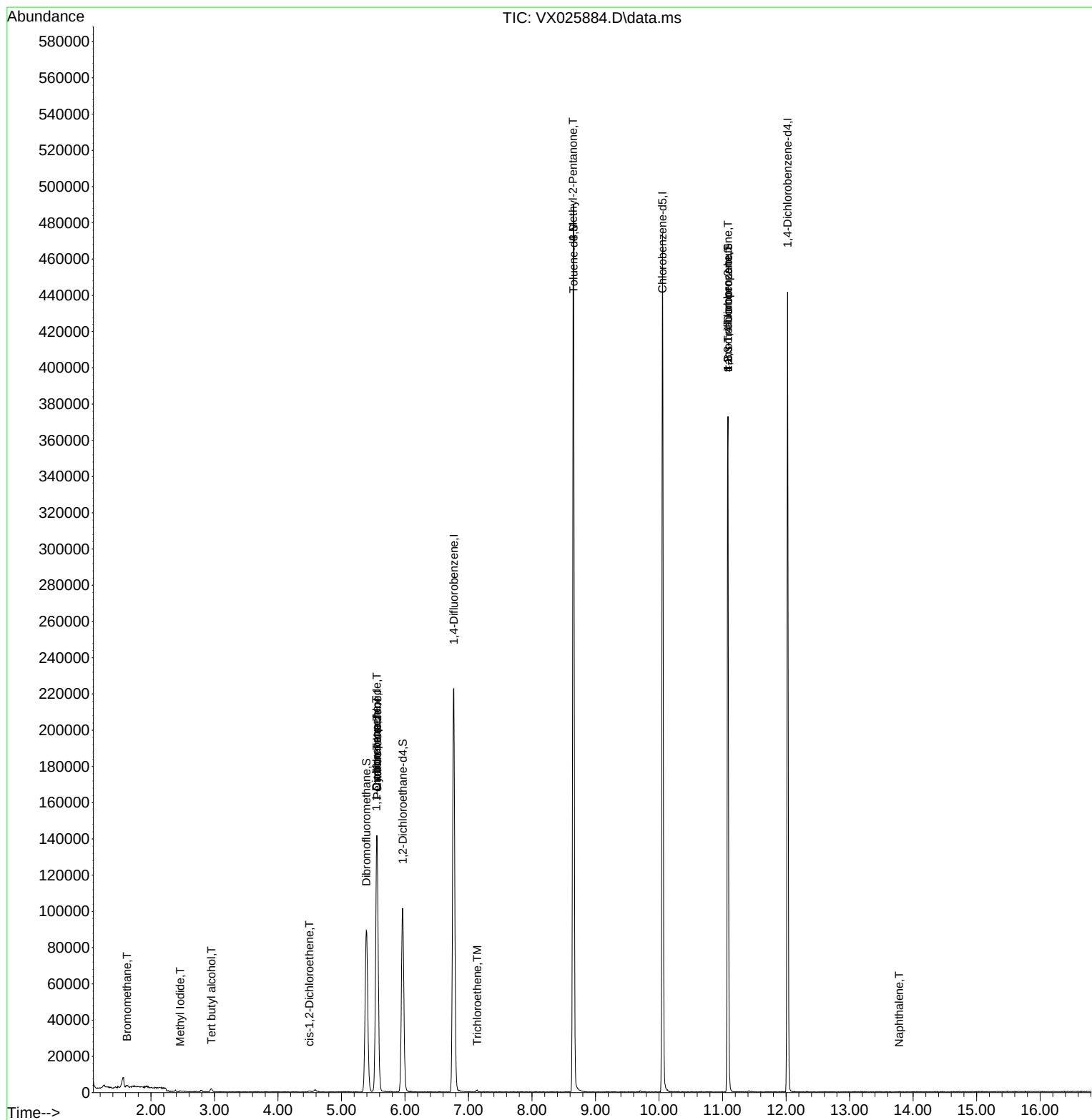
Internal Standards						
1) Pentafluorobenzene	5.562	168	129435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	228698	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207029	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	97291	52.241	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.480%	
35) Dibromofluoromethane	5.391	113	77143	48.367	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.740%	
50) Toluene-d8	8.653	98	288927	49.718	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.440%	
62) 4-Bromofluorobenzene	11.085	95	99463	45.057	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.120%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	549	0.480	ug/l #	56
10) Methyl Iodide	2.459	142	489	0.278	ug/l #	90
11) Tert butyl alcohol	2.953	59	1105	2.958	ug/l #	73
16) Acetone	2.386	43	668	Below Cal	#	61
20) Methylene Chloride	2.794	84	488	Below Cal	#	74
27) cis-1,2-Dichloroethene	4.495	96	394	0.217	ug/l	97
31) Cyclohexane	5.556	56	3336	1.473	ug/l #	26
36) 1,1-Dichloropropene	5.550	75	11350	5.247	ug/l #	49
38) Carbon Tetrachloride	5.556	117	14107	5.606	ug/l #	16
44) Trichloroethene	7.135	130	458	0.255	ug/l	81
51) 4-Methyl-2-Pentanone	8.647	43	1432	0.565	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	51904	26.087	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	51904	80.876	ug/l #	10
95) Naphthalene	13.780	128	76	2.424	ug/l #	69

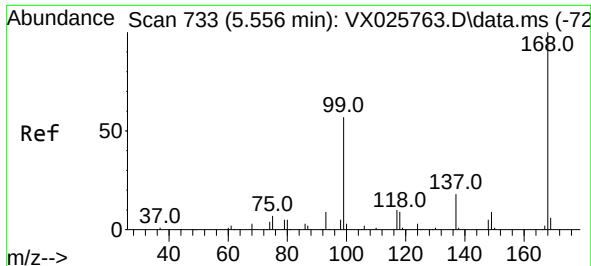
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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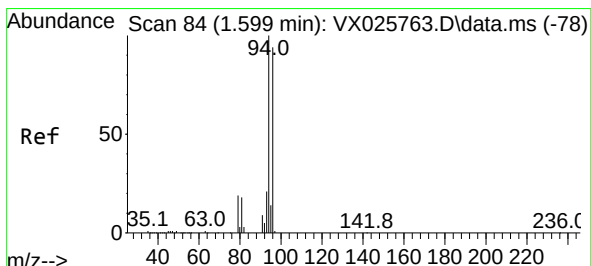
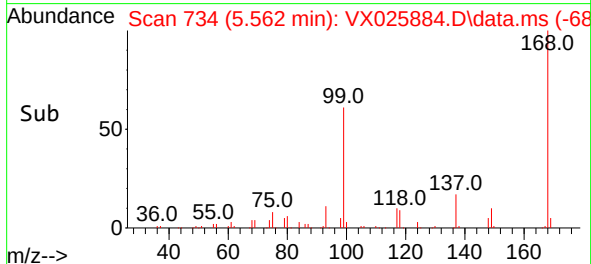
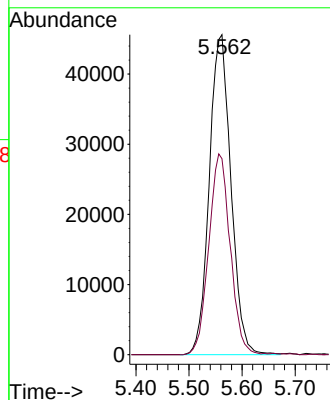
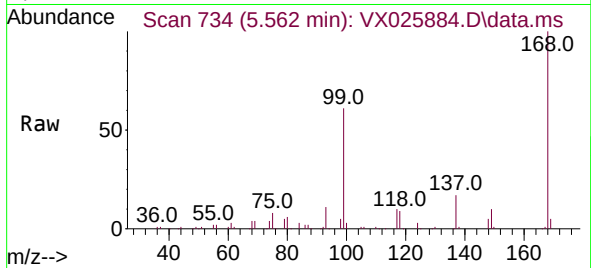




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX025884.D
Acq: 17 Dec 2021 14:42

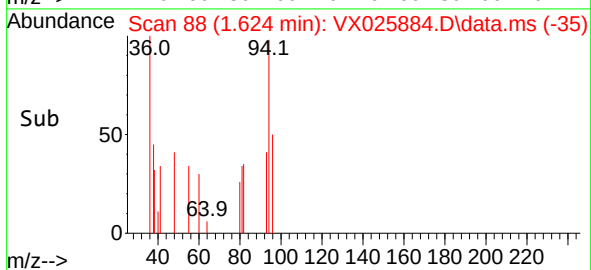
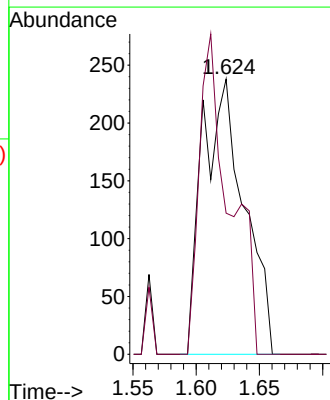
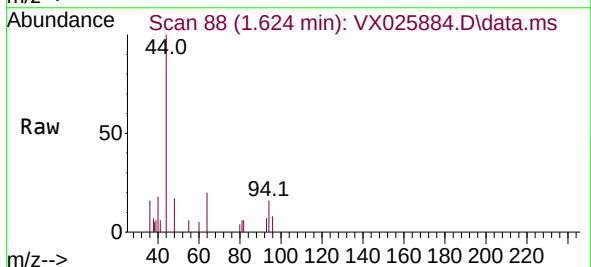
Instrument :
MSVOA_X
ClientSampleId :

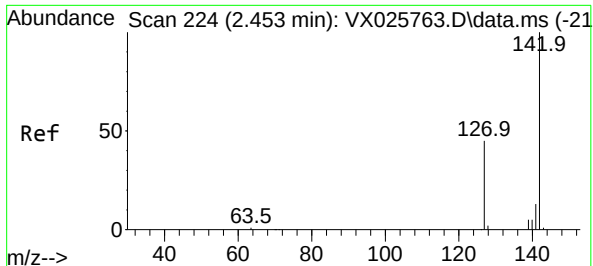
Tgt Ion:168 Resp: 129435
Ion Ratio Lower Upper
168 100
99 61.3 45.8 68.8



#5
Bromomethane
Concen: 0.480 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.024 min
Lab File: VX025884.D
Acq: 17 Dec 2021 14:42

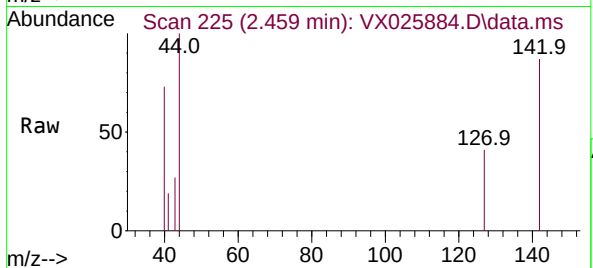
Tgt Ion: 94 Resp: 549
Ion Ratio Lower Upper
94 100
96 51.3 75.0 112.4#



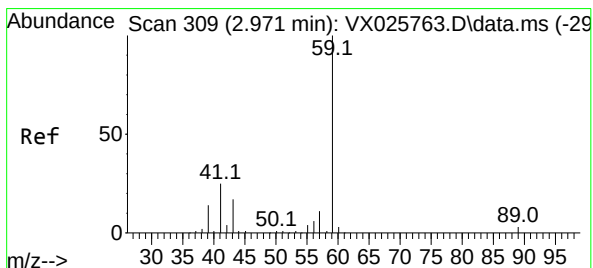
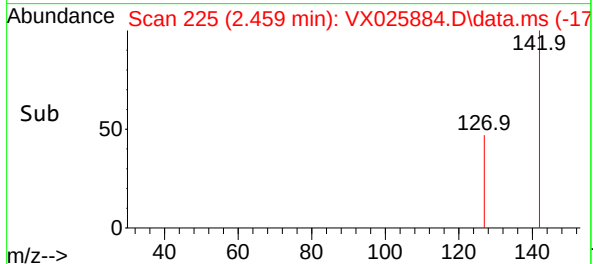
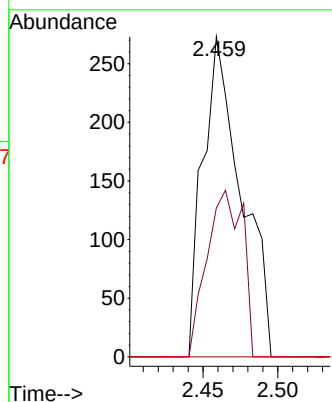


#10
Methyl Iodide
Concen: 0.278 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX025884.D
Acq: 17 Dec 2021 14:42

Instrument :
MSVOA_X
ClientSampleId :

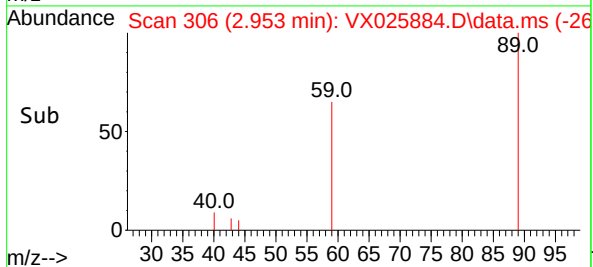
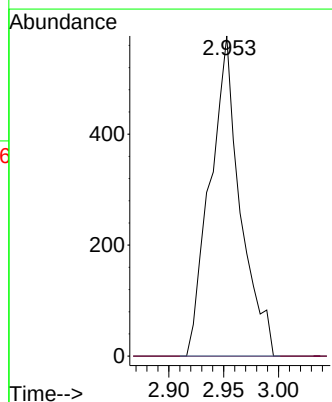
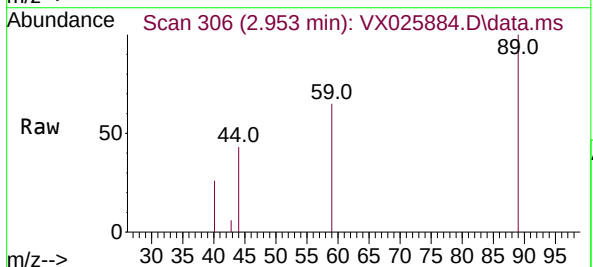


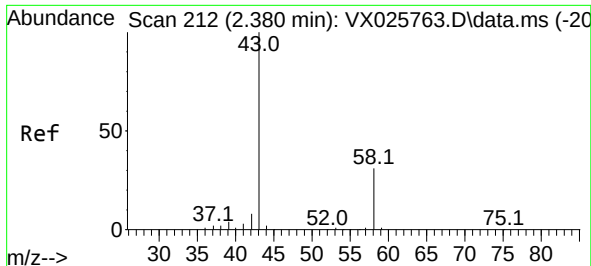
Tgt Ion:142 Resp: 489
Ion Ratio Lower Upper
142 100
127 48.3 37.5 56.3
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 2.958 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.018 min
Lab File: VX025884.D
Acq: 17 Dec 2021 14:42

Tgt Ion: 59 Resp: 1105
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

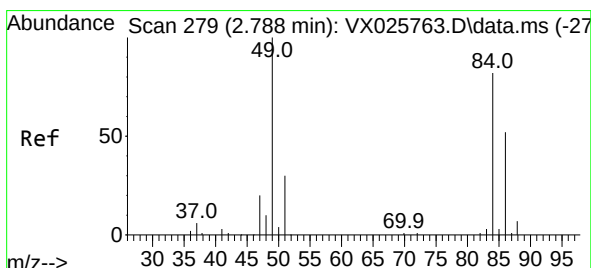
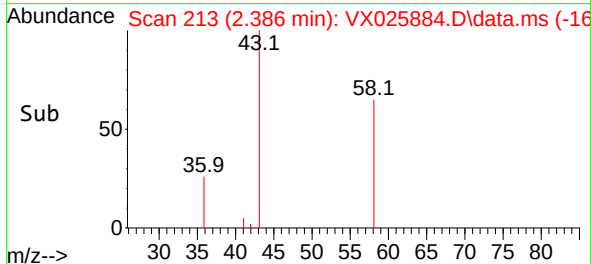
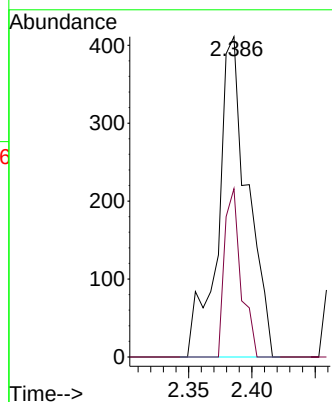
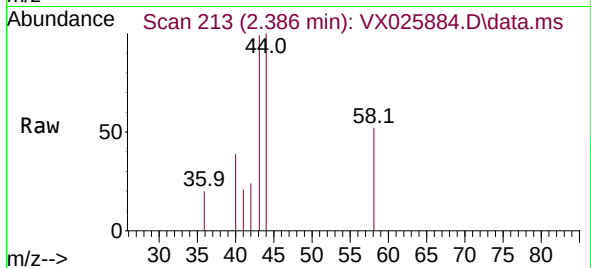




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX025884.D
Acq: 17 Dec 2021 14:42

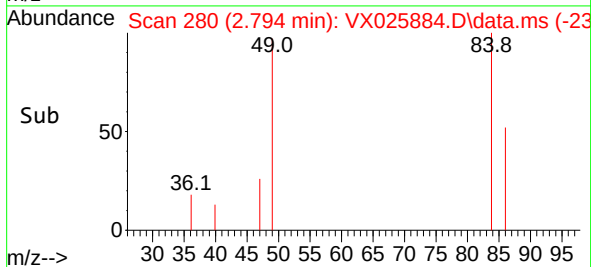
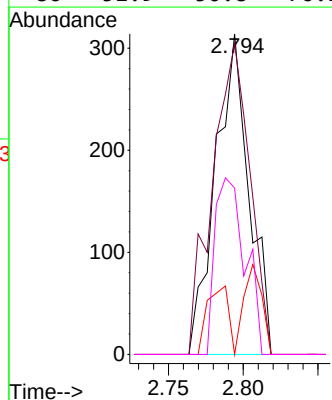
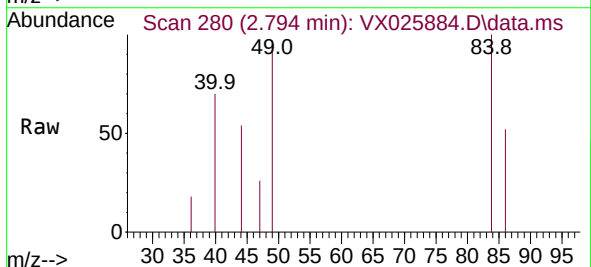
Instrument :
MSVOA_X
ClientSampleId :

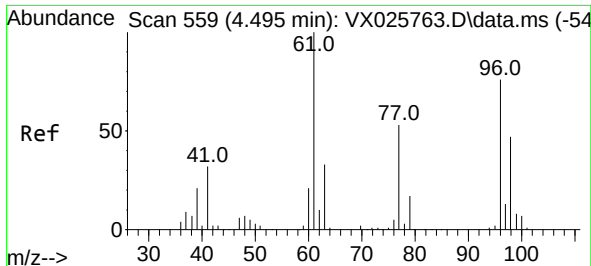
Tgt Ion: 43 Resp: 668
Ion Ratio Lower Upper
43 100
58 52.6 24.8 37.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX025884.D
Acq: 17 Dec 2021 14:42

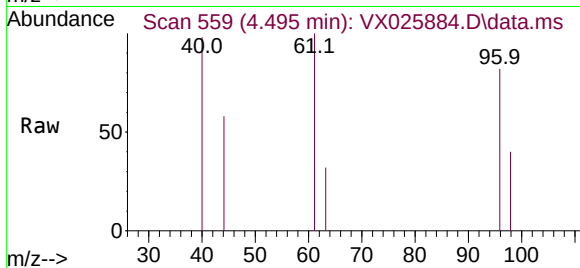
Tgt Ion: 84 Resp: 488
Ion Ratio Lower Upper
84 100
49 97.1 97.1 145.7
51 0.0 29.3 43.9#
86 51.9 50.8 76.2



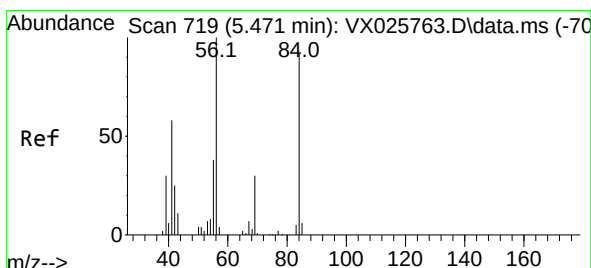
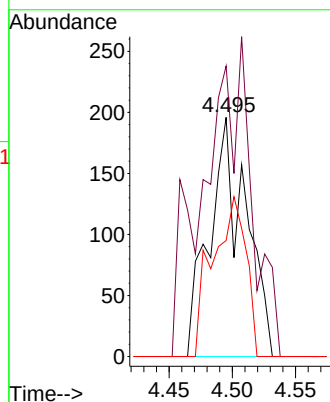
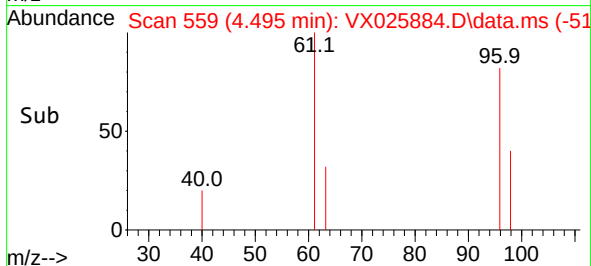


#27
 cis-1,2-Dichloroethene
 Concen: 0.217 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX025884.D
 Acq: 17 Dec 2021 14:42

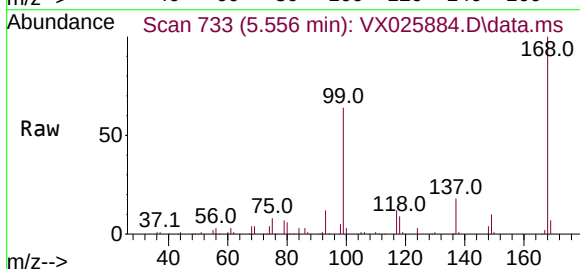
Instrument :
 MSVOA_X
 ClientSampleId :



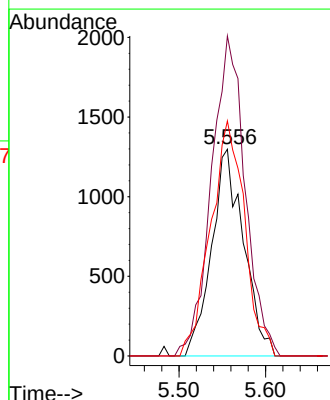
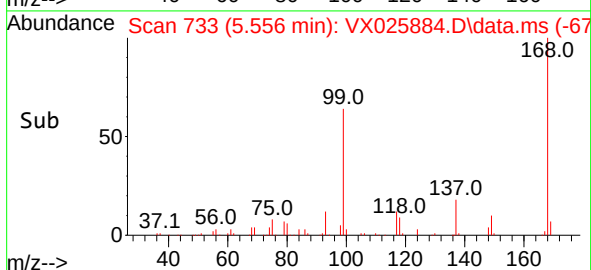
Tgt Ion: 96	Resp: 394
Ion Ratio	Lower Upper
96 100	
61 140.6	0.0 276.8
98 60.7	0.0 130.6

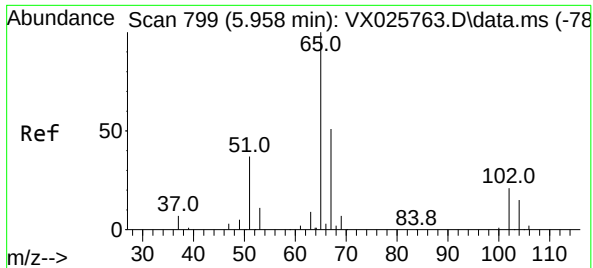


#31
 Cyclohexane
 Concen: 1.473 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. 0.085 min
 Lab File: VX025884.D
 Acq: 17 Dec 2021 14:42



Tgt Ion: 56	Resp: 3336		
Ion Ratio	Lower	Upper	
56	100		
69	154.8	23.9	35.9#
84	113.7	73.2	109.8#





#33

1,2-Dichloroethane-d4

Concen: 52.241 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX025884.D

Acq: 17 Dec 2021 14:42

Instrument :

MSVOA_X

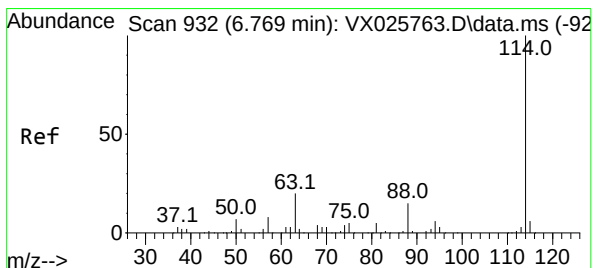
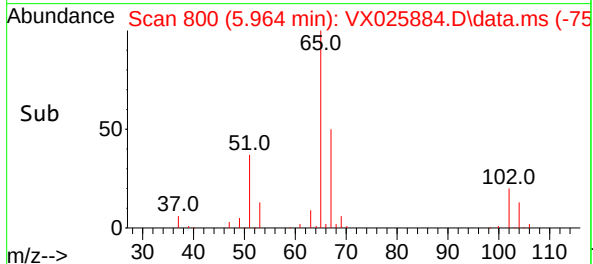
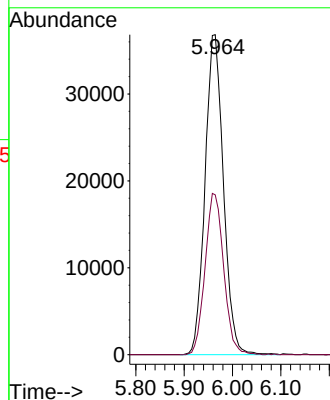
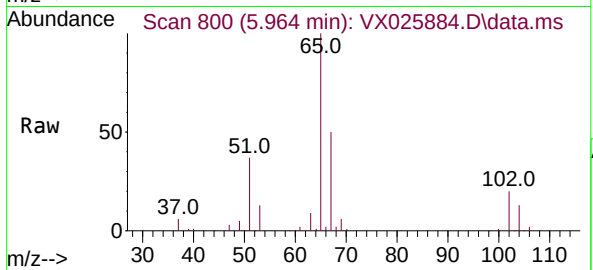
ClientSampleId :

Tgt Ion: 65 Resp: 97291

Ion Ratio Lower Upper

65 100

67 51.0 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX025884.D

Acq: 17 Dec 2021 14:42

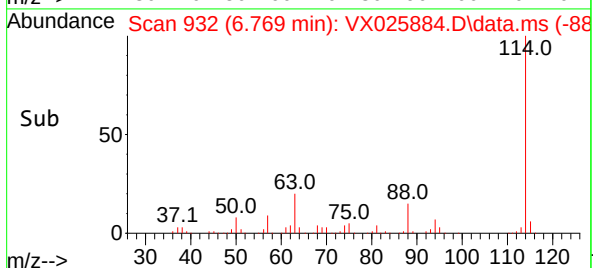
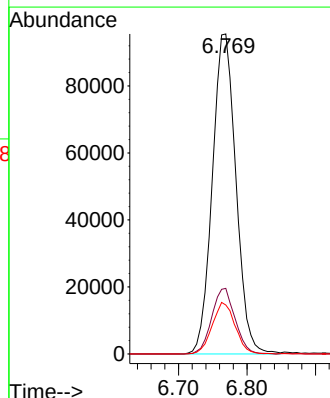
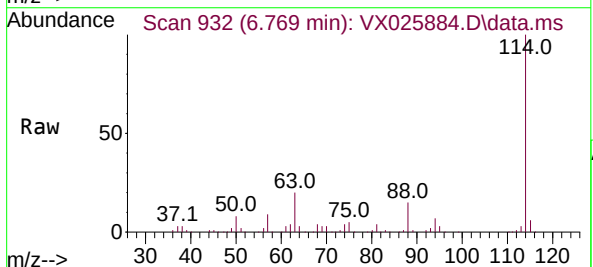
Tgt Ion: 114 Resp: 228698

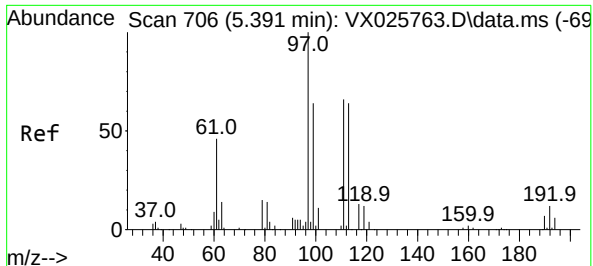
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.0

88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.367 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

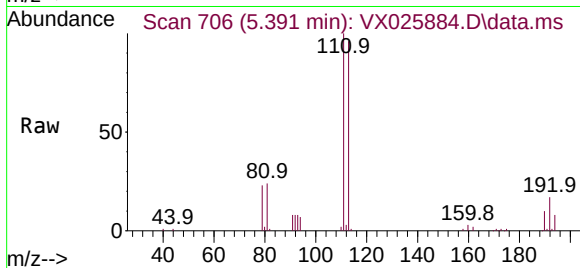
Lab File: VX025884.D

Acq: 17 Dec 2021 14:42

Instrument :

MSVOA_X

ClientSampleId :



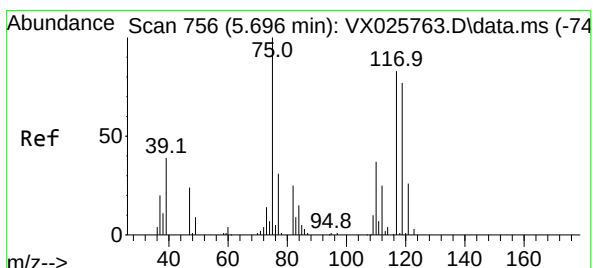
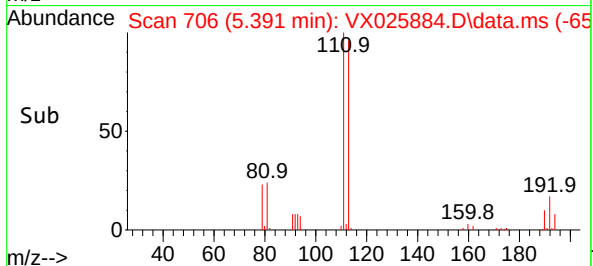
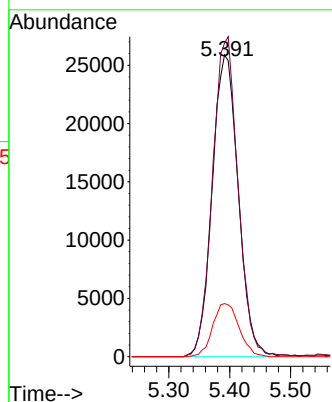
Tgt Ion:113 Resp: 77143

Ion Ratio Lower Upper

113 100

111 103.4 81.8 122.8

192 17.8 15.0 22.4



#36

1,1-Dichloropropene

Concen: 5.247 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX025884.D

Acq: 17 Dec 2021 14:42

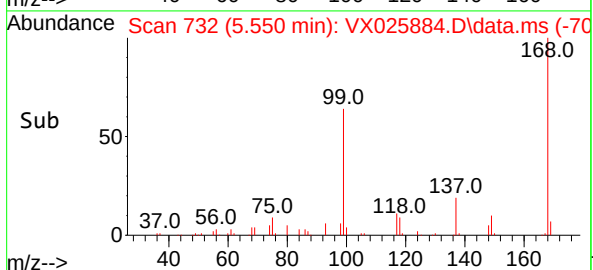
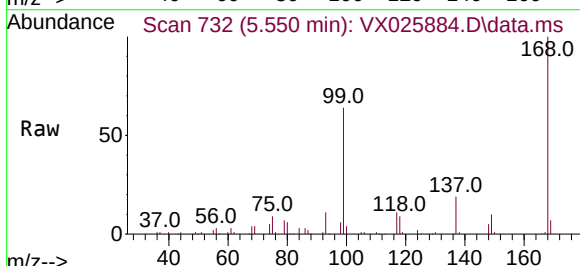
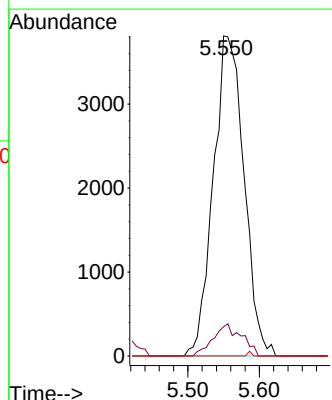
Tgt Ion: 75 Resp: 11350

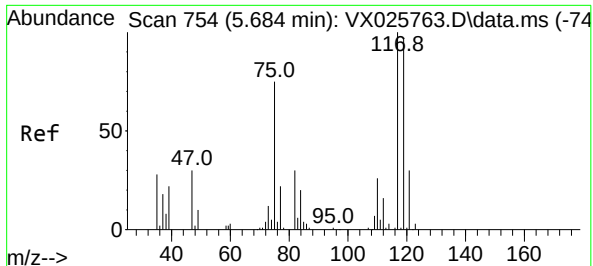
Ion Ratio Lower Upper

75 100

110 9.3 18.2 54.6#

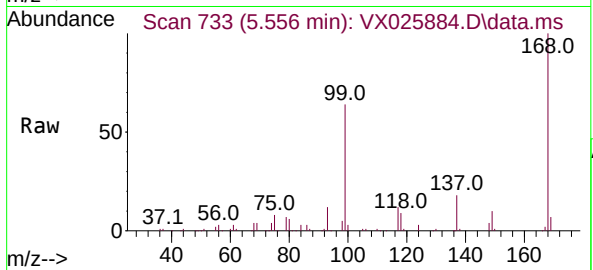
77 0.0 24.7 37.1#



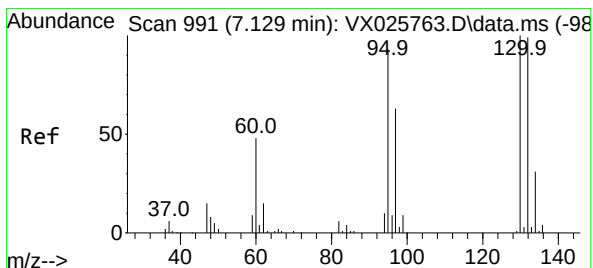
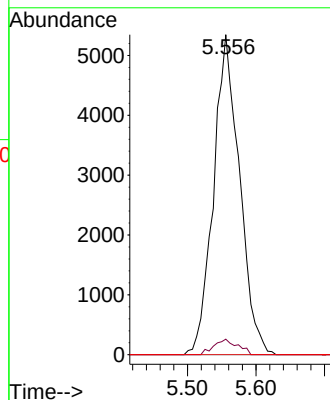
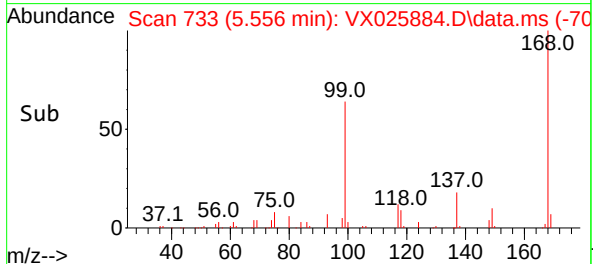


#38
Carbon Tetrachloride
Concen: 5.606 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX025884.D
Acq: 17 Dec 2021 14:42

Instrument :
MSVOA_X
ClientSampleId :

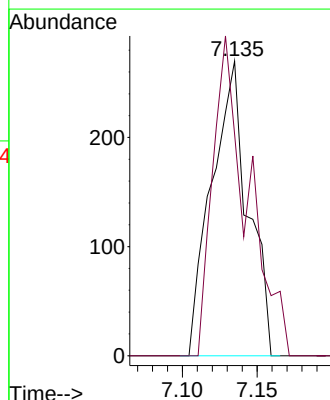
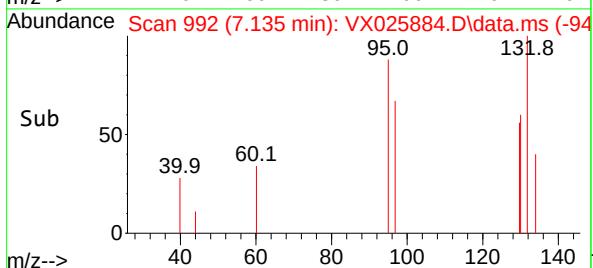
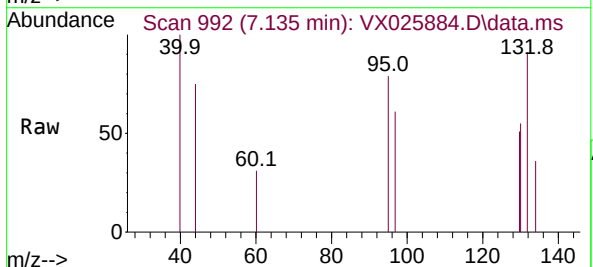


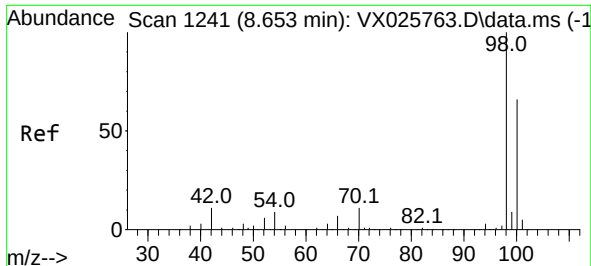
Tgt Ion:117 Resp: 14107
Ion Ratio Lower Upper
117 100
119 4.9 77.2 115.8#
121 0.0 23.8 35.8#



#44
Trichloroethene
Concen: 0.255 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX025884.D
Acq: 17 Dec 2021 14:42

Tgt Ion:130 Resp: 458
Ion Ratio Lower Upper
130 100
95 75.2 0.0 186.4

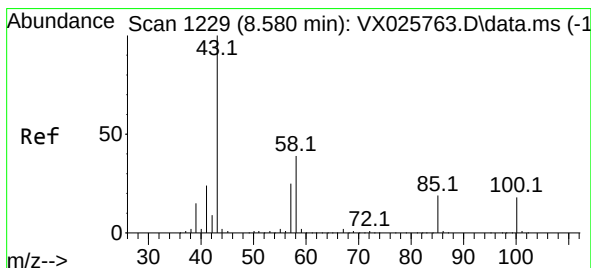
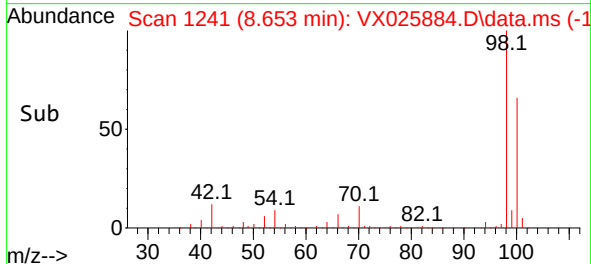
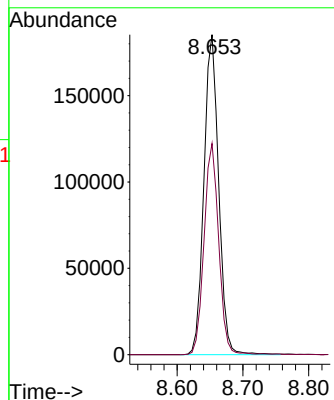
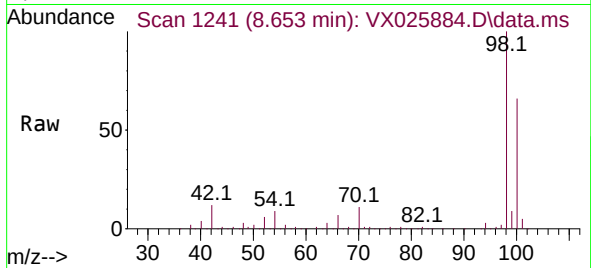




#50
Toluene-d8
Concen: 49.718 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025884.D
Acq: 17 Dec 2021 14:42

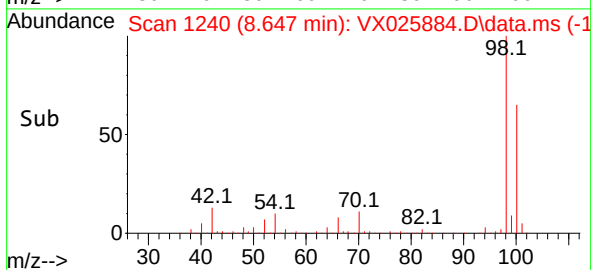
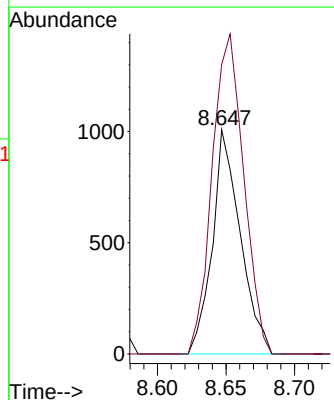
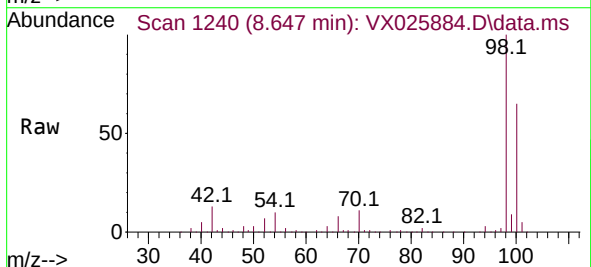
Instrument :
MSVOA_X
ClientSampleId :

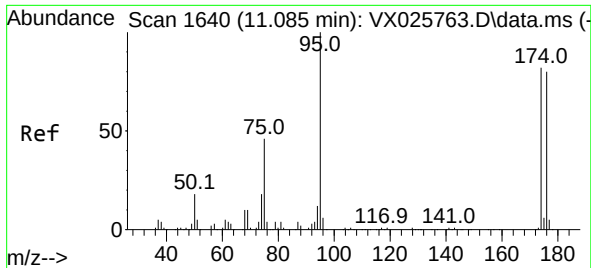
Tgt Ion: 98 Resp: 288927
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.565 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX025884.D
Acq: 17 Dec 2021 14:42

Tgt Ion: 43 Resp: 1432
Ion Ratio Lower Upper
43 100
58 161.1 30.8 46.2#

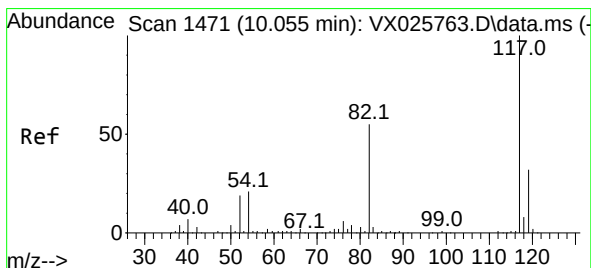
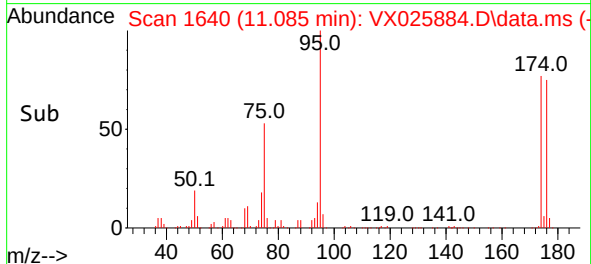
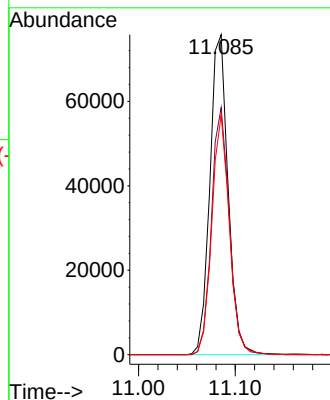
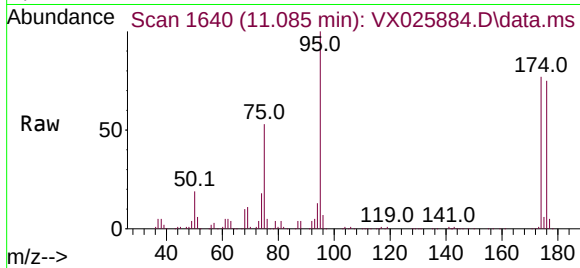




#62
4-Bromofluorobenzene
Concen: 45.057 ug/l
RT: 11.085 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX025884.D
Acq: 17 Dec 2021 14:42

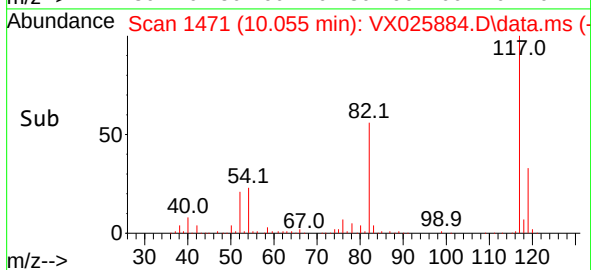
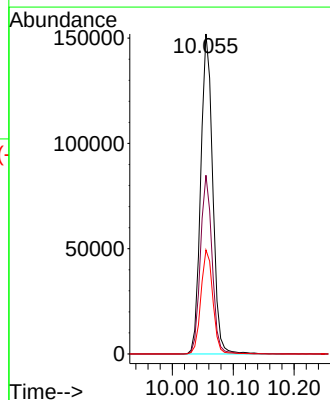
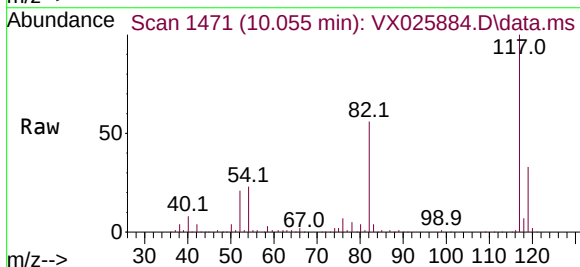
Instrument :
MSVOA_X
ClientSampleId :

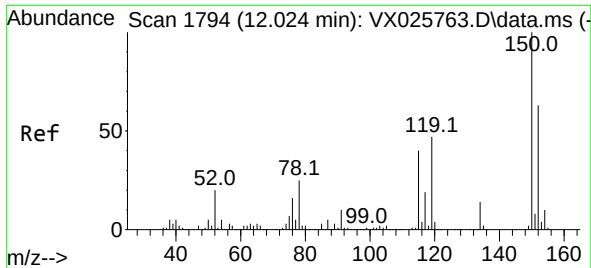
Tgt Ion: 95 Resp: 99463
Ion Ratio Lower Upper
95 100
174 75.6 0.0 157.4
176 72.0 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025884.D
Acq: 17 Dec 2021 14:42

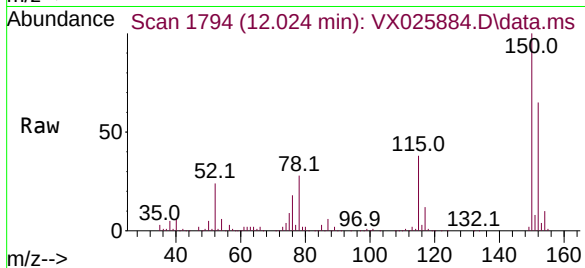
Tgt Ion: 117 Resp: 207029
Ion Ratio Lower Upper
117 100
82 55.9 43.8 65.6
119 32.5 25.2 37.8



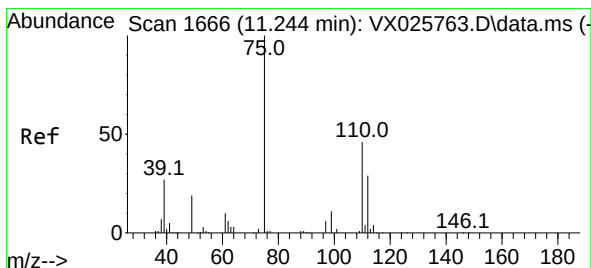
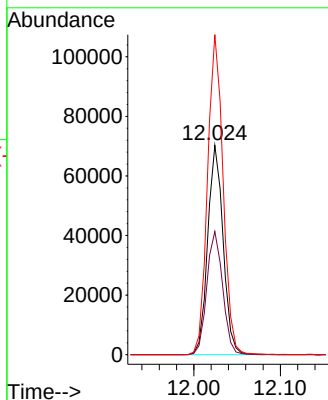
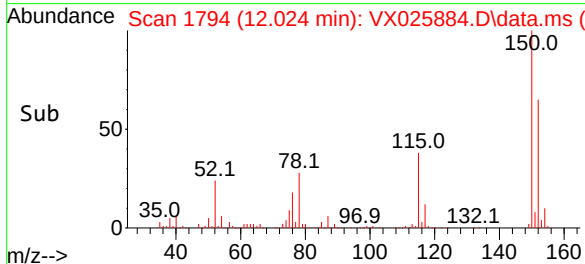


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX025884.D
 Acq: 17 Dec 2021 14:42

Instrument :
 MSVOA_X
 ClientSampleId :

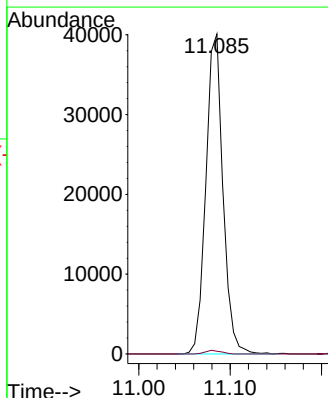
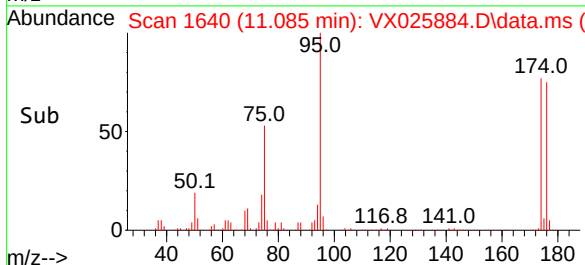
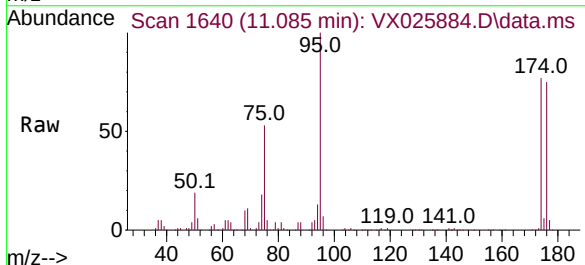


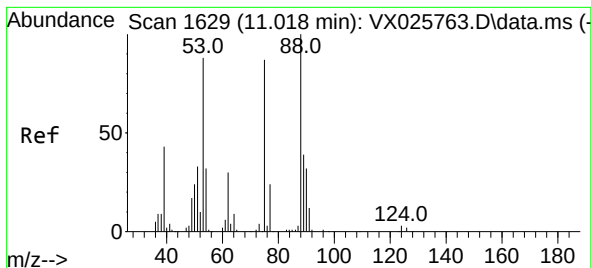
Tgt Ion:152 Resp: 86841
 Ion Ratio Lower Upper
 152 100
 115 60.3 41.3 123.9
 150 154.1 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 26.087 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX025884.D
 Acq: 17 Dec 2021 14:42

Tgt Ion: 75 Resp: 51904
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.0 57.0#

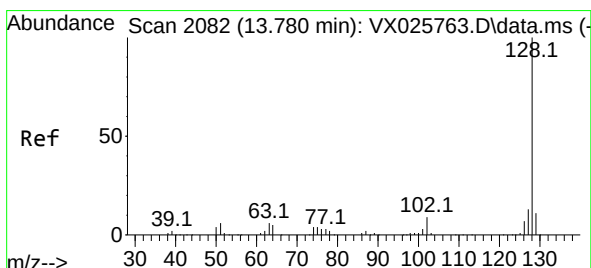
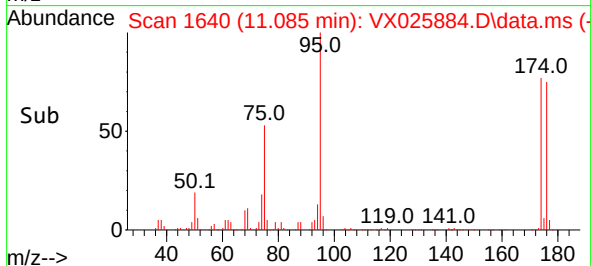
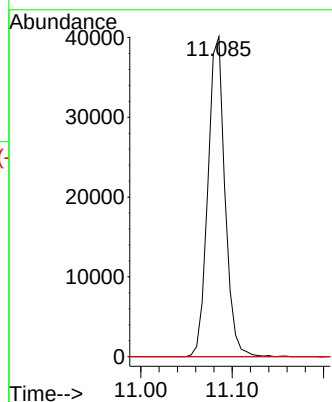
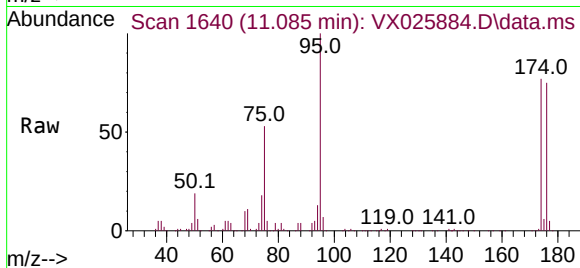




#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.876 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX025884.D
 Acq: 17 Dec 2021 14:42

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 51904
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.5 119.3#
 89 0.0 38.3 57.5#



#95
 Naphthalene
 Concen: 2.424 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. 0.000 min
 Lab File: VX025884.D
 Acq: 17 Dec 2021 14:42

Tgt Ion: 128 Resp: 76
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.3 15.5#
 129 0.0 8.8 13.2#

