

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121621\
 Data File : VX025836.D
 Acq On : 16 Dec 2021 00:52
 Operator : JC/MD
 Sample : VX1216WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 16 07:33:23 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)

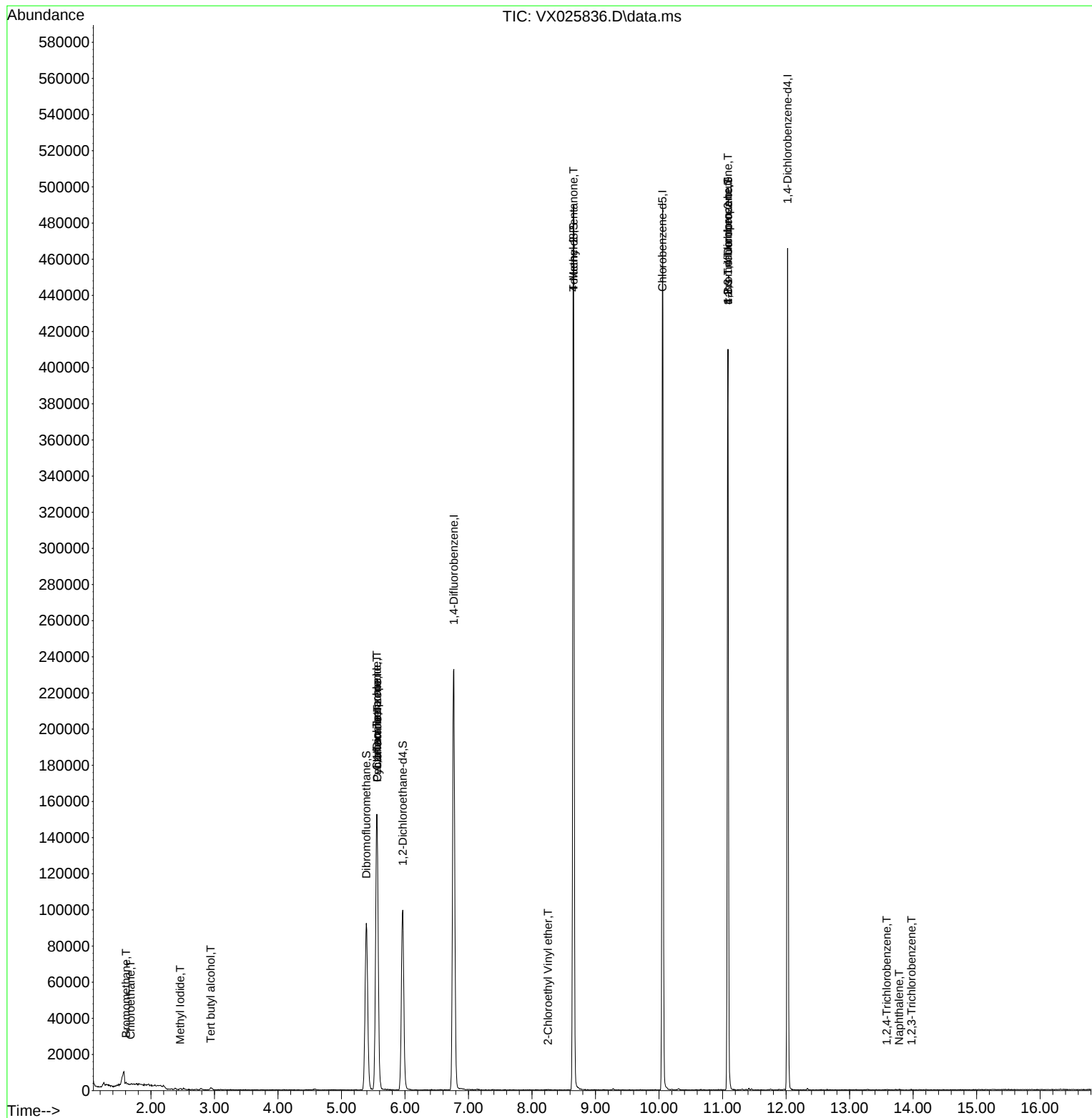
Internal Standards						
1) Pentafluorobenzene	5.562	168	143666	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	242415	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91242	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	96102	46.491	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.980%
35) Dibromofluoromethane	5.391	113	80473	47.599	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.200%
50) Toluene-d8	8.653	98	288872	46.896	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.800%
62) 4-Bromofluorobenzene	11.085	95	108170	46.229	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.460%
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	519	0.408	ug/l	91
6) Chloroethane	1.678	64	529	0.410	ug/l #	42
10) Methyl Iodide	2.459	142	754	0.387	ug/l #	95
11) Tert butyl alcohol	2.940	59	792	1.910	ug/l #	73
16) Acetone	2.380	43	812	Below Cal		95
20) Methylene Chloride	2.782	84	320	Below Cal	#	72
31) Cyclohexane	5.562	56	3488	1.388	ug/l #	35
36) 1,1-Dichloropropene	5.556	75	11840	5.164	ug/l #	48
38) Carbon Tetrachloride	5.556	117	15073	5.650	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1343	0.500	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.250	63	81	15.694	ug/l #	44
76) 1,2,3-Trichloropropane	11.085	75	55851	26.716	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	55851	82.828	ug/l #	10
93) 1,2,4-Trichlorobenzene	13.585	180	115	3.429	ug/l #	51
95) Naphthalene	13.780	128	307	2.458	ug/l #	69
96) 1,2,3-Trichlorobenzene	13.975	180	136	3.064	ug/l #	67

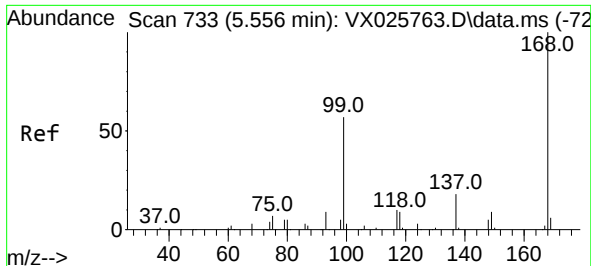
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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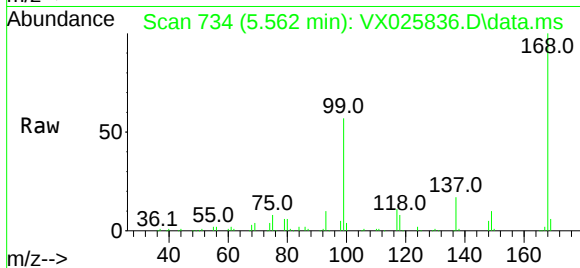
Quant Time: Dec 16 07:33:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 14 07:02:11 2021
Response via : Initial Calibration



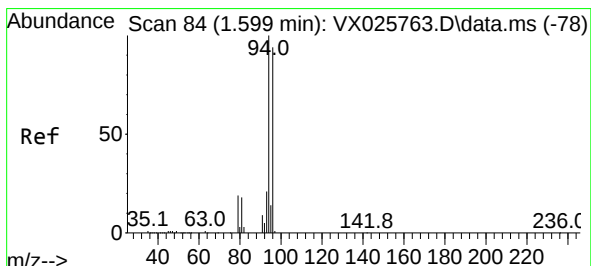
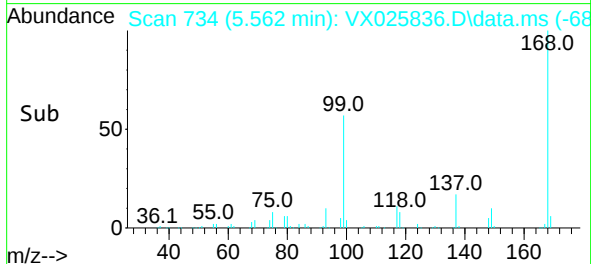
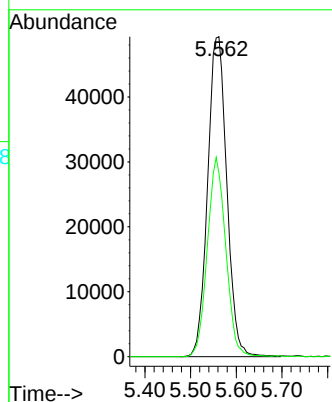


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX025836.D
Acq: 16 Dec 2021 00:52

Instrument :
MSVOA_X
ClientSampleId :

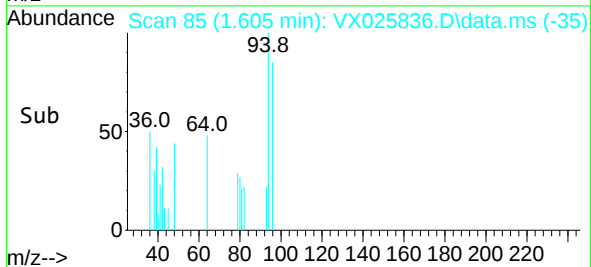
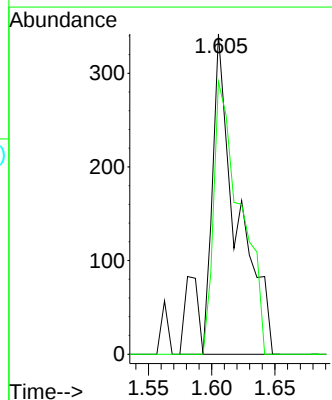
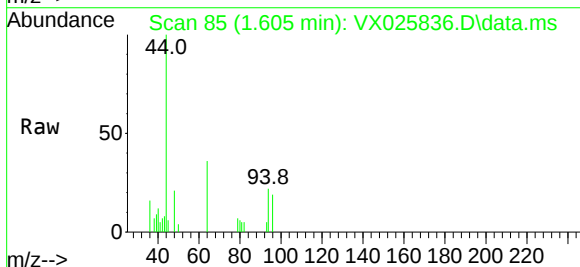


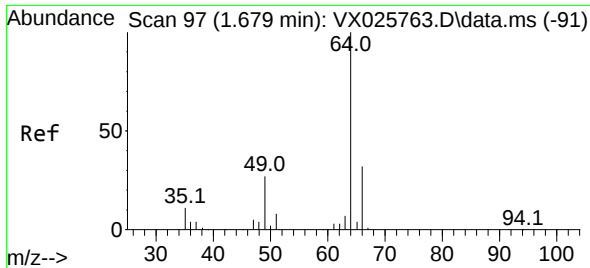
Tgt Ion:168 Resp: 143666
Ion Ratio Lower Upper
168 100
99 57.4 45.8 68.8



#5
Bromomethane
Concen: 0.408 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX025836.D
Acq: 16 Dec 2021 00:52

Tgt Ion: 94 Resp: 519
Ion Ratio Lower Upper
94 100
96 85.1 75.0 112.4

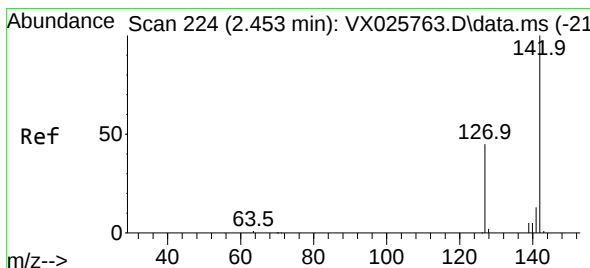
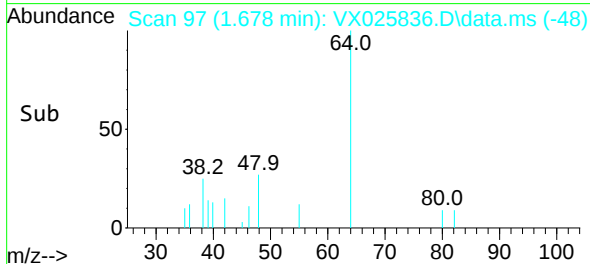
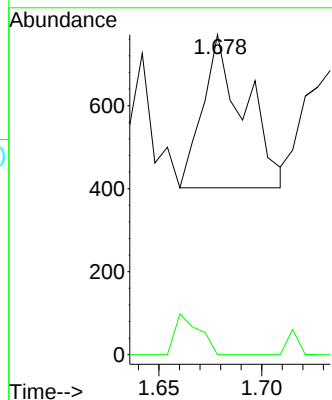
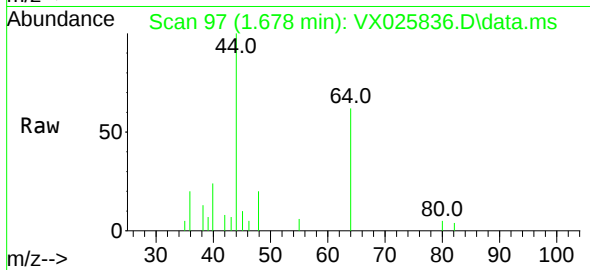




#6
Chloroethane
Concen: 0.410 ug/l
RT: 1.678 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX025836.D
Acq: 16 Dec 2021 00:52

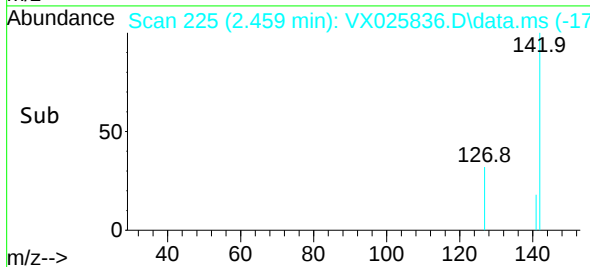
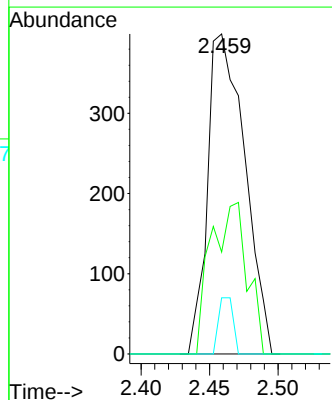
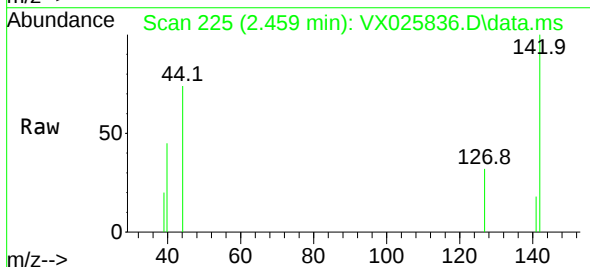
Instrument :
MSVOA_X
ClientSampleId :

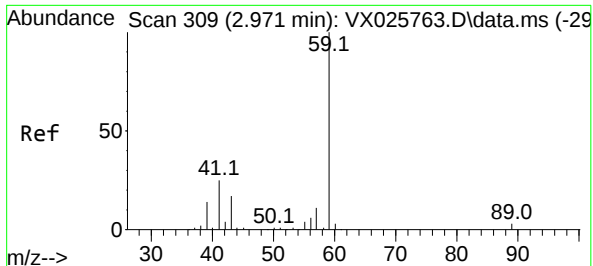
Tgt Ion: 64 Resp: 529
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#



#10
Methyl Iodide
Concen: 0.387 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX025836.D
Acq: 16 Dec 2021 00:52

Tgt Ion: 142 Resp: 754
Ion Ratio Lower Upper
142 100
127 46.2 37.5 56.3
141 6.8 11.4 17.0#





#11

Tert butyl alcohol

Concen: 1.910 ug/l

RT: 2.940 min Scan# 309

Delta R.T. -0.031 min

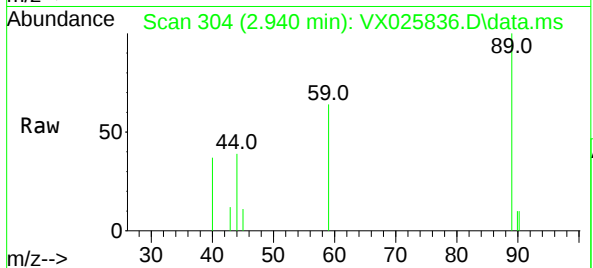
Lab File: VX025836.D

Acq: 16 Dec 2021 00:52

Instrument :

MSVOA_X

ClientSampleId :

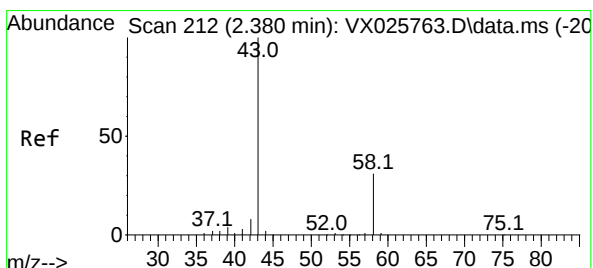
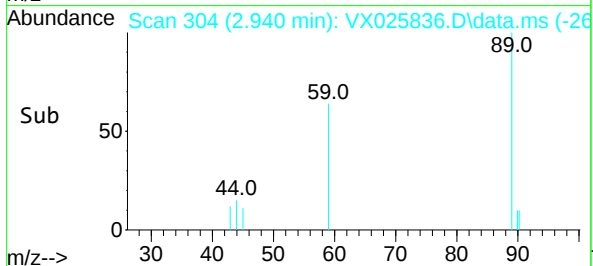
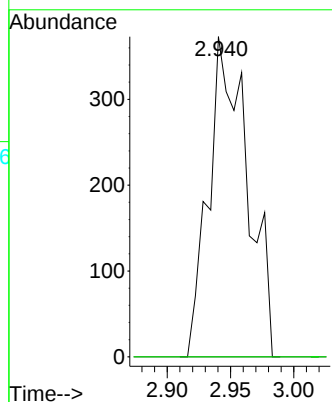


Tgt Ion: 59 Resp: 792

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#16

Acetone

Concen: Below Cal

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX025836.D

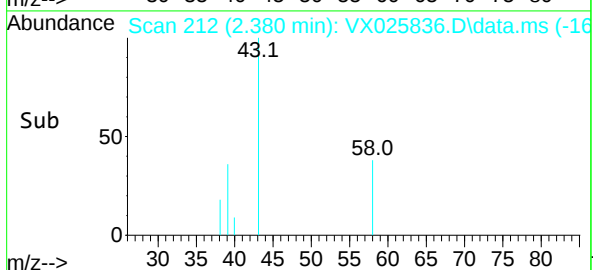
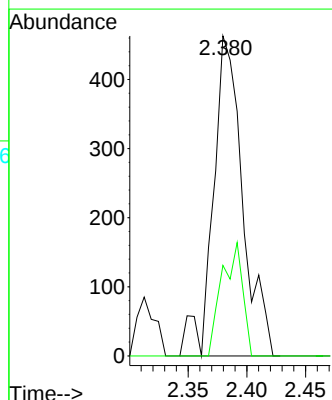
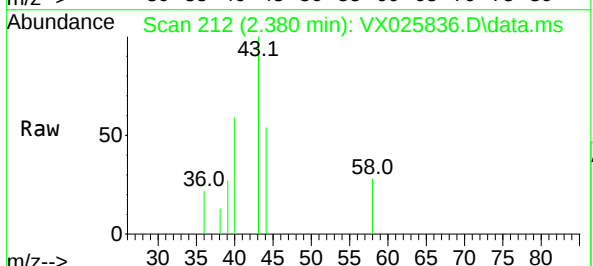
Acq: 16 Dec 2021 00:52

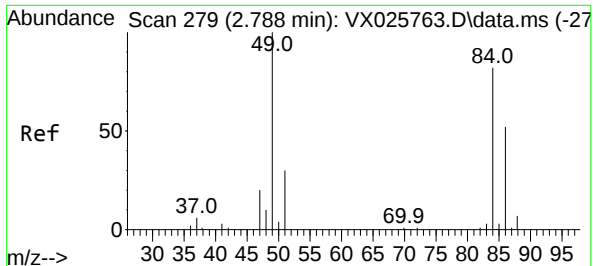
Tgt Ion: 43 Resp: 812

Ion Ratio Lower Upper

43 100

58 28.3 24.8 37.2





#20

Methylene Chloride

Concen: Below Cal

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

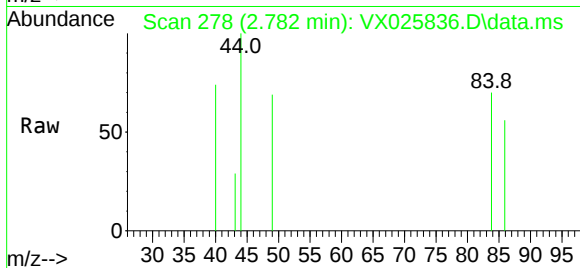
Lab File: VX025836.D

Acq: 16 Dec 2021 00:52

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 320

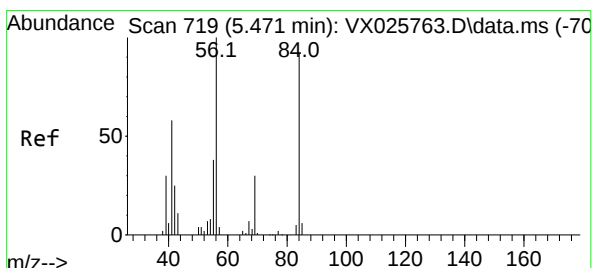
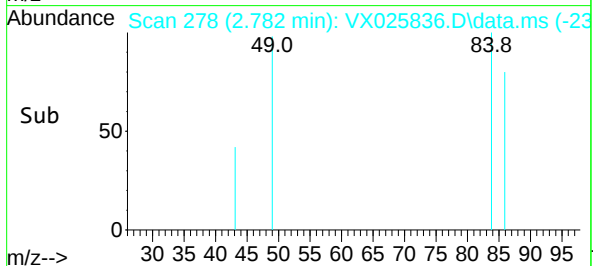
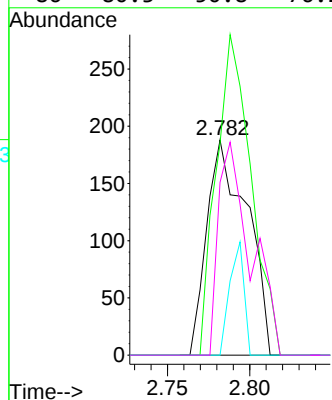
Ion Ratio Lower Upper

84 100

49 98.4 97.1 145.7

51 0.0 29.3 43.9#

86 80.3 50.8 76.2#



#31

Cyclohexane

Concen: 1.388 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.091 min

Lab File: VX025836.D

Acq: 16 Dec 2021 00:52

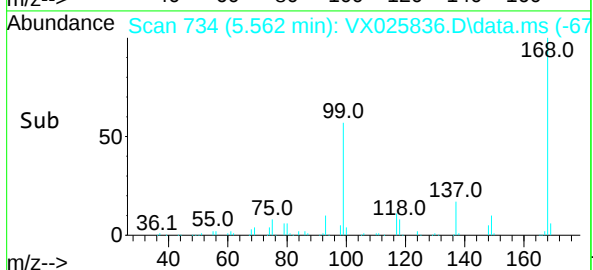
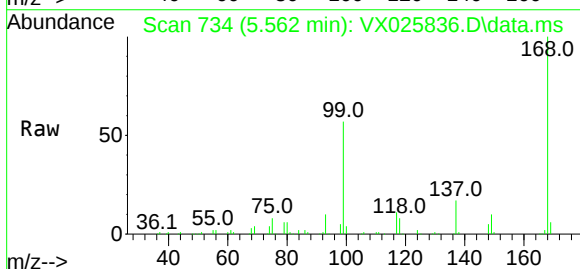
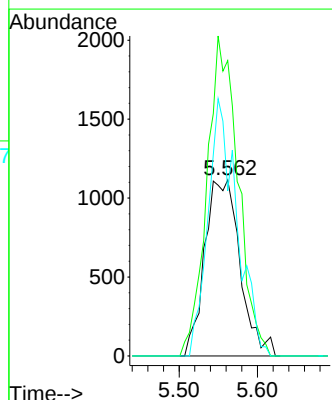
Tgt Ion: 56 Resp: 3488

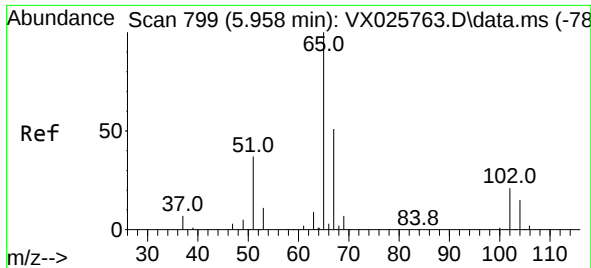
Ion Ratio Lower Upper

56 100

69 167.8 23.9 35.9#

84 93.9 73.2 109.8

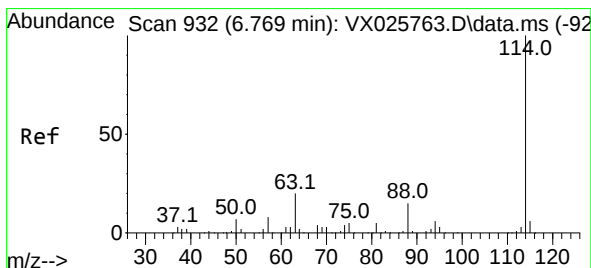
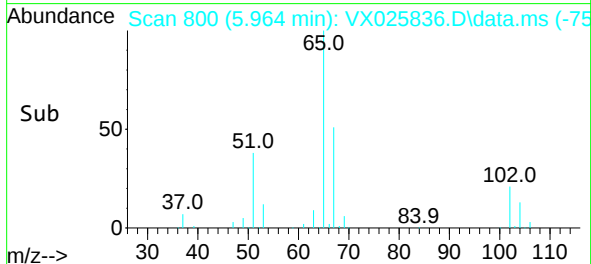
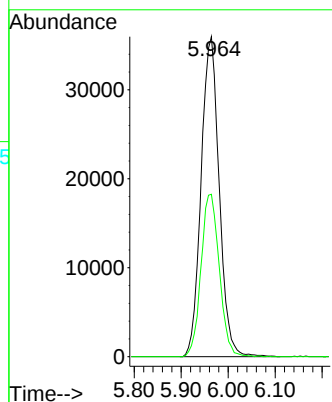
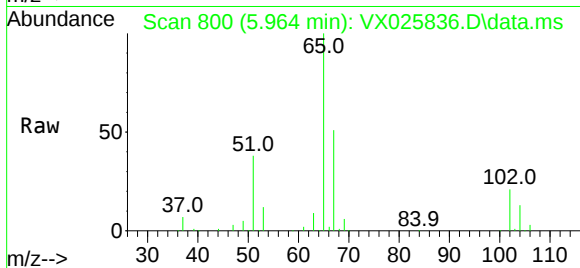




#33
1,2-Dichloroethane-d4
Concen: 46.491 ug/l
RT: 5.964 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX025836.D
Acq: 16 Dec 2021 00:52

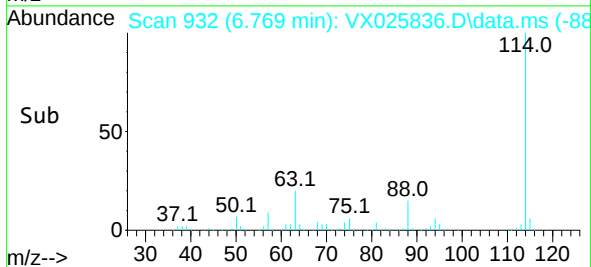
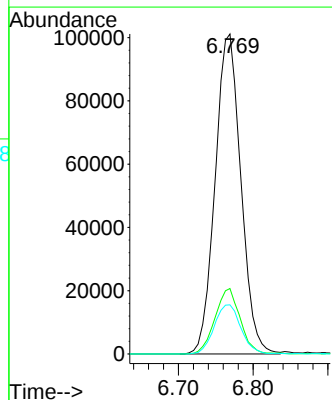
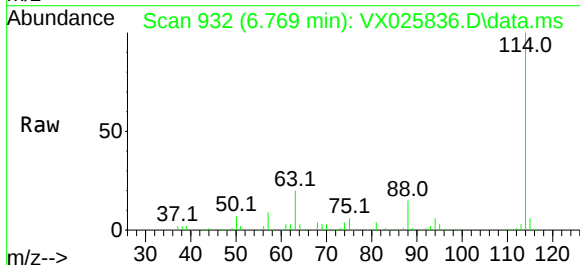
Instrument :
MSVOA_X
ClientSampleId :

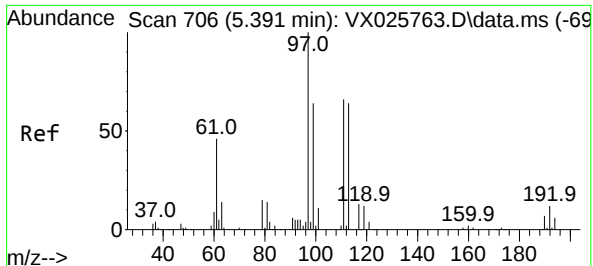
Tgt Ion: 65 Resp: 96102
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX025836.D
Acq: 16 Dec 2021 00:52

Tgt Ion: 114 Resp: 242415
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.0
88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 47.599 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

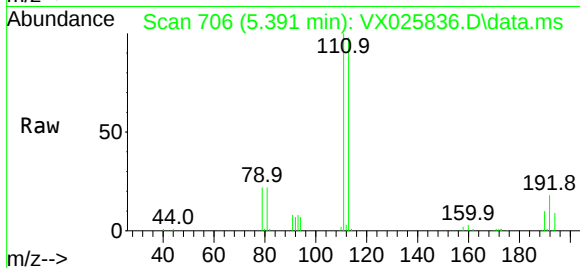
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Acq: 16 Dec 2021 00:52

Instrument :

MSVOA_X

ClientSampleId :



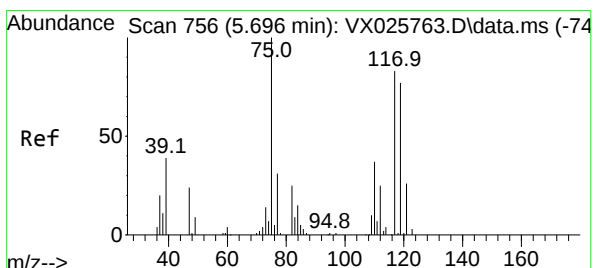
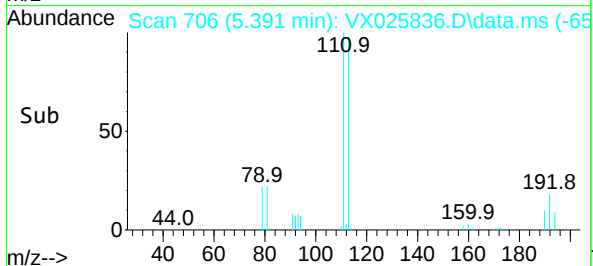
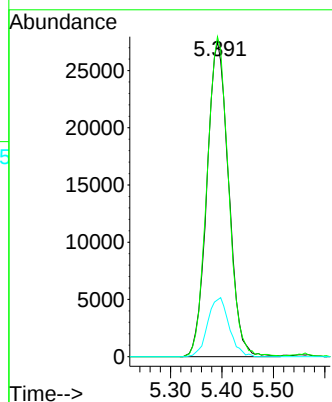
Tgt Ion:113 Resp: 80473

Ion Ratio Lower Upper

113 100

111 100.8 81.8 122.8

192 18.5 15.0 22.4



#36

1,1-Dichloropropene

Concen: 5.164 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX025836.D

Acq: 16 Dec 2021 00:52

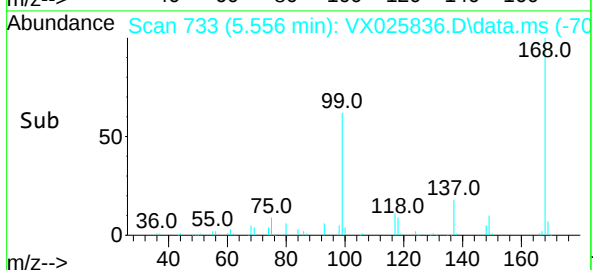
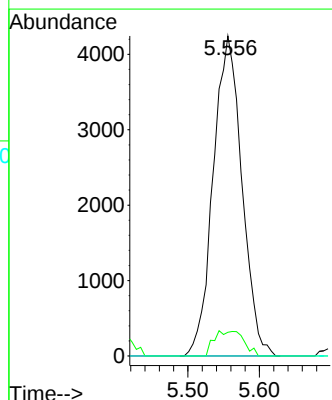
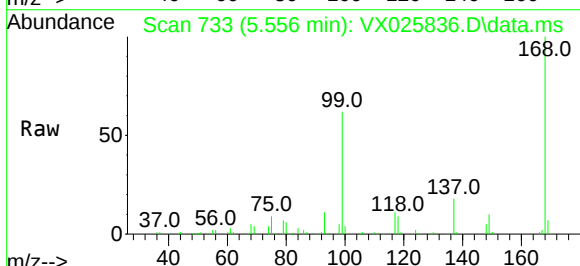
Tgt Ion: 75 Resp: 11840

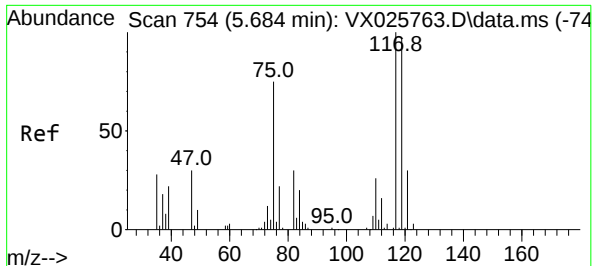
Ion Ratio Lower Upper

75 100

110 8.0 18.2 54.6#

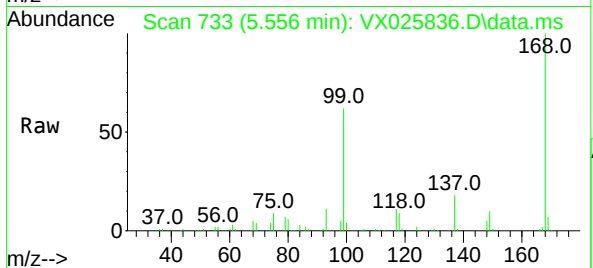
77 0.0 24.7 37.1#



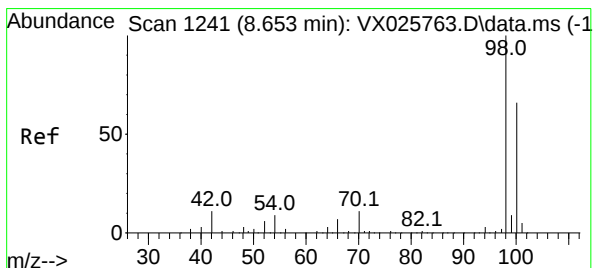
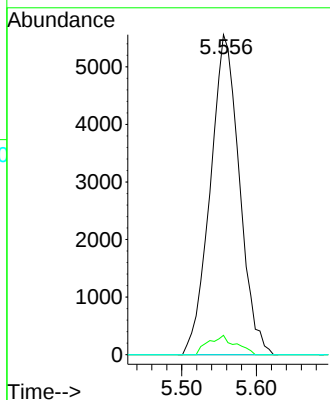
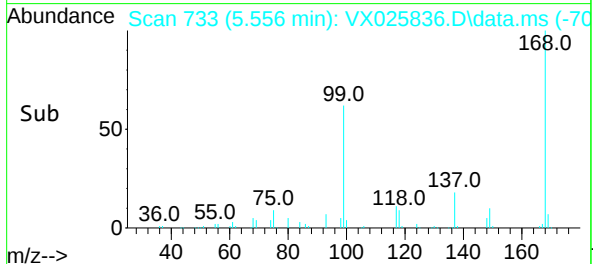


#38
Carbon Tetrachloride
Concen: 5.650 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX025836.D
Acq: 16 Dec 2021 00:52

Instrument :
MSVOA_X
ClientSampleId :

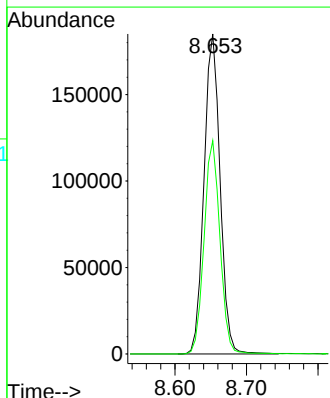
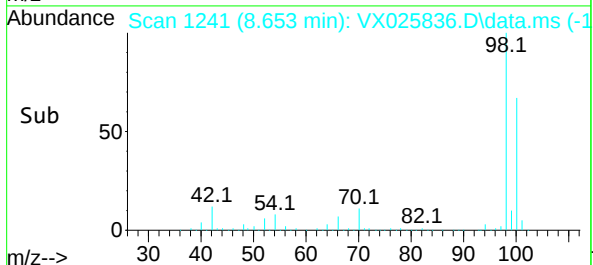
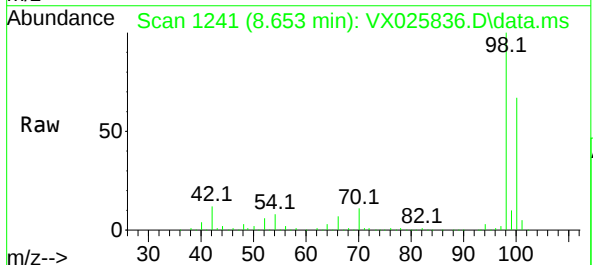


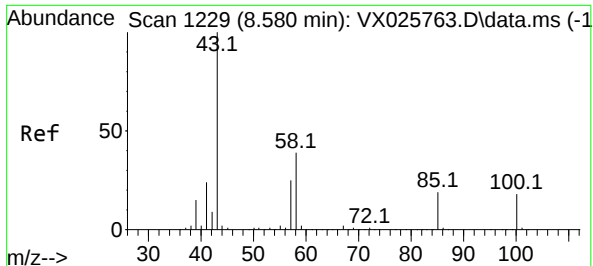
Tgt Ion:117 Resp: 15073
Ion Ratio Lower Upper
117 100
119 6.1 77.2 115.8#
121 0.0 23.8 35.8#



#50
Toluene-d8
Concen: 46.896 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025836.D
Acq: 16 Dec 2021 00:52

Tgt Ion: 98 Resp: 288872
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8

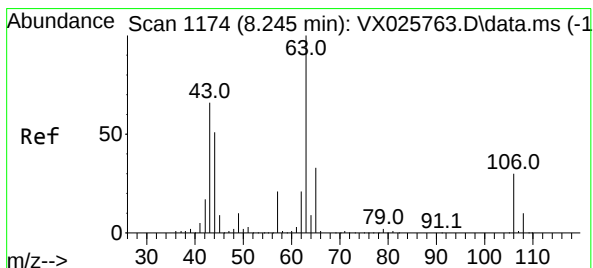
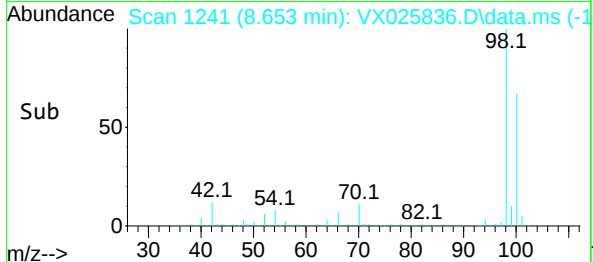
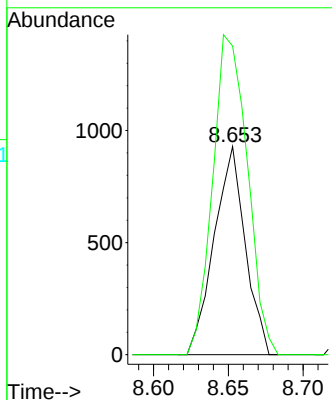
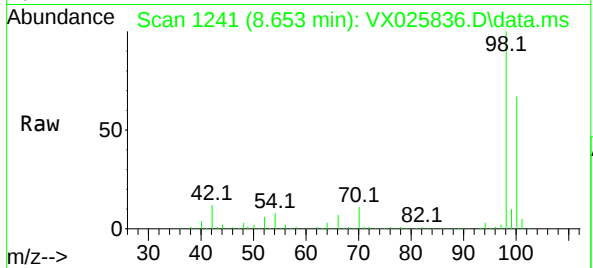




#51
4-Methyl-2-Pentanone
Concen: 0.500 ug/l
RT: 8.653 min Scan# 1175
Delta R.T. 0.073 min
Lab File: VX025836.D
Acq: 16 Dec 2021 00:52

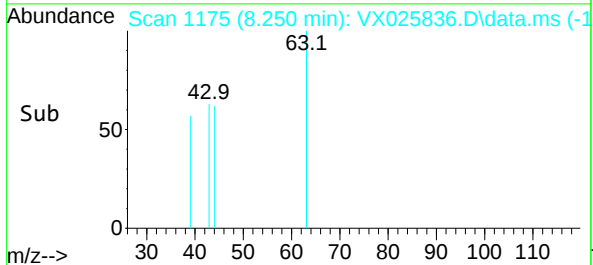
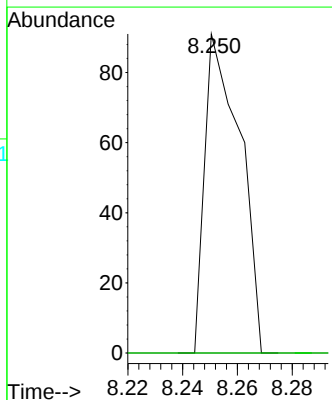
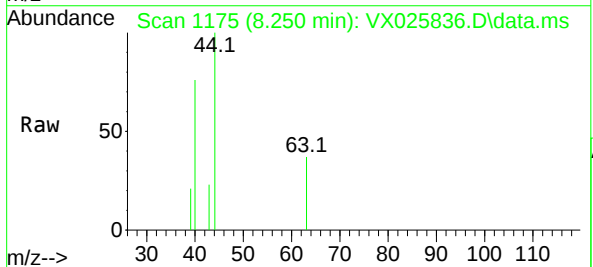
Instrument :
MSVOA_X
ClientSampleId :

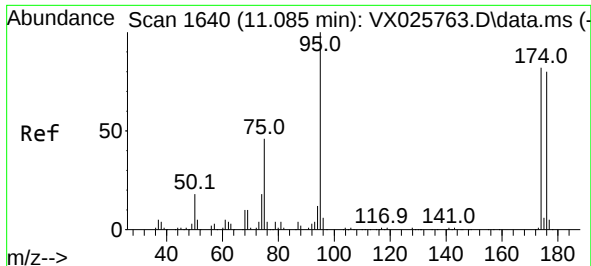
Tgt Ion: 43 Resp: 1343
Ion Ratio Lower Upper
43 100
58 171.6 30.8 46.2#



#58
2-Chloroethyl Vinyl ether
Concen: 15.694 ug/l
RT: 8.250 min Scan# 1175
Delta R.T. 0.005 min
Lab File: VX025836.D
Acq: 16 Dec 2021 00:52

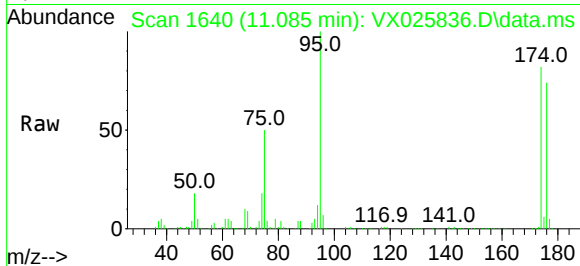
Tgt Ion: 63 Resp: 81
Ion Ratio Lower Upper
63 100
106 0.0 24.4 36.6#



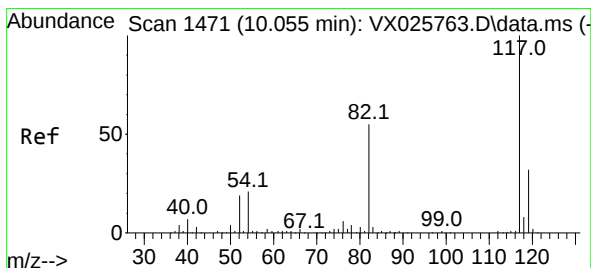
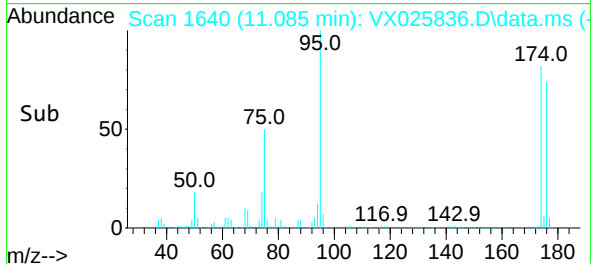
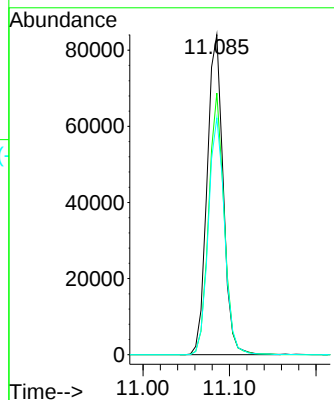


#62
4-Bromofluorobenzene
Concen: 46.229 ug/l
RT: 11.085 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025836.D
Acq: 16 Dec 2021 00:52

Instrument :
MSVOA_X
ClientSampleId :

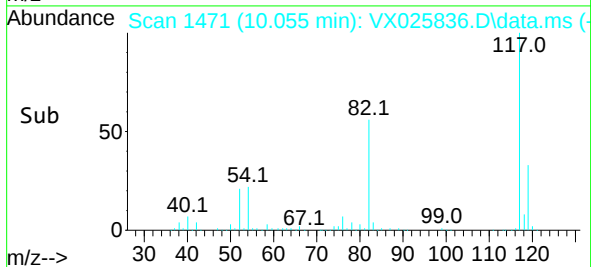
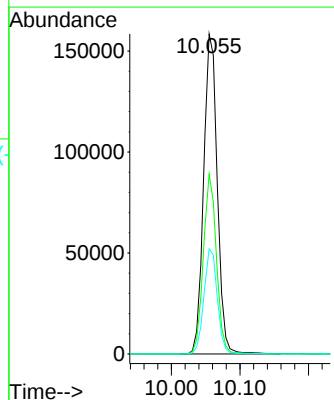
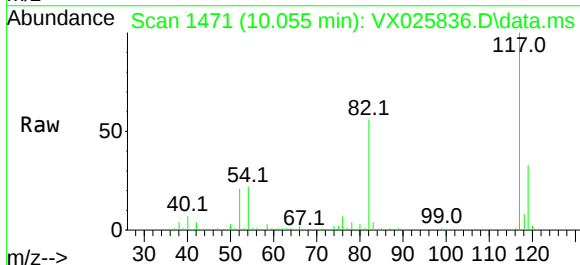


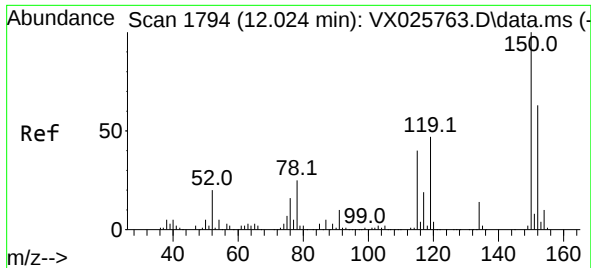
Tgt Ion: 95 Resp: 108170
Ion Ratio Lower Upper
95 100
174 78.6 0.0 157.4
176 74.6 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025836.D
Acq: 16 Dec 2021 00:52

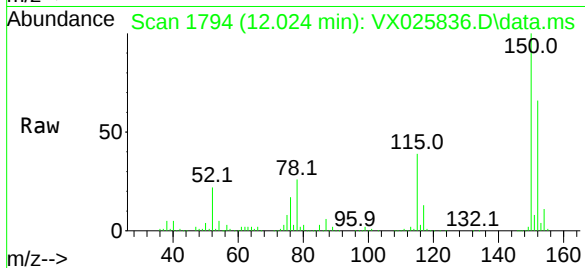
Tgt Ion: 117 Resp: 219988
Ion Ratio Lower Upper
117 100
82 56.2 43.8 65.6
119 32.9 25.2 37.8



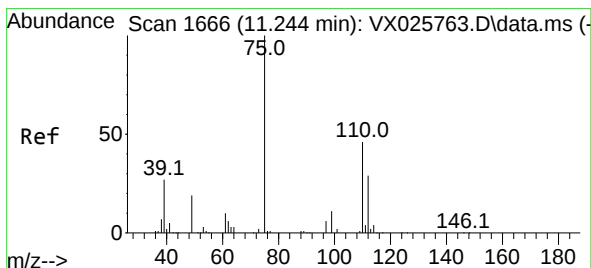
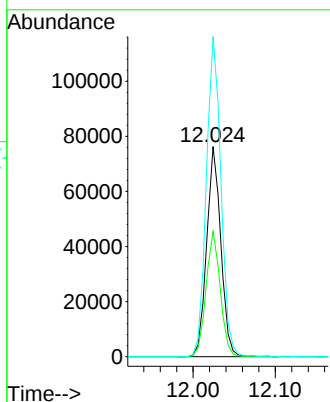
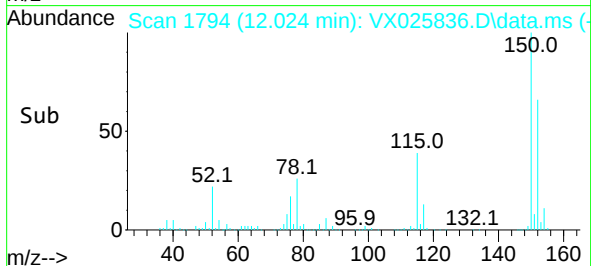


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX025836.D
 Acq: 16 Dec 2021 00:52

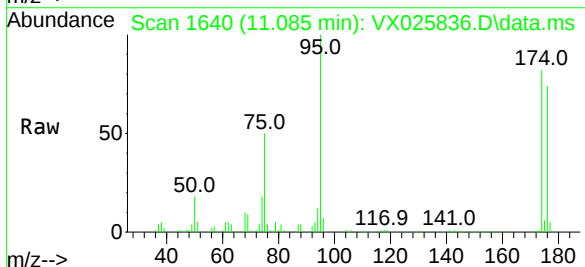
Instrument :
 MSVOA_X
 ClientSampleId :



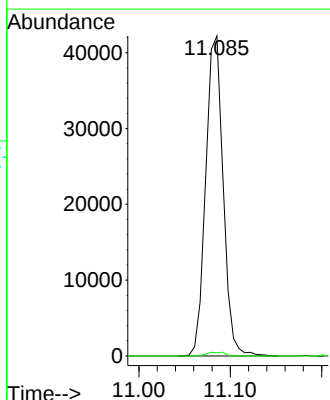
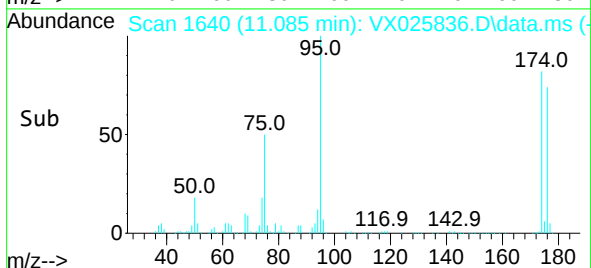
Tgt Ion:152 Resp: 91242
 Ion Ratio Lower Upper
 152 100
 115 59.8 41.3 123.9
 150 157.0 0.0 351.8

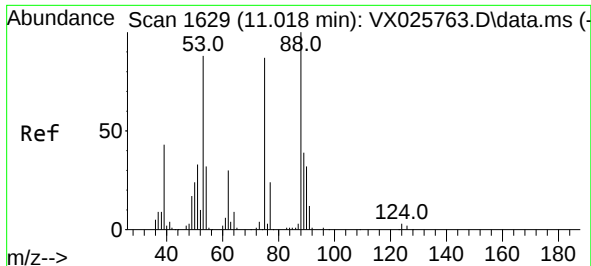


#76
 1,2,3-Trichloropropane
 Concen: 26.716 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX025836.D
 Acq: 16 Dec 2021 00:52



Tgt Ion: 75 Resp: 55851
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.0 57.0#

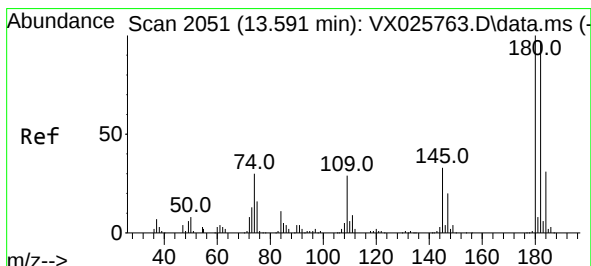
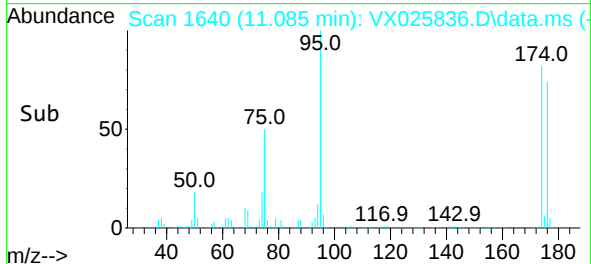
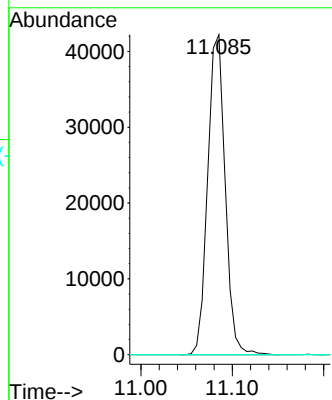
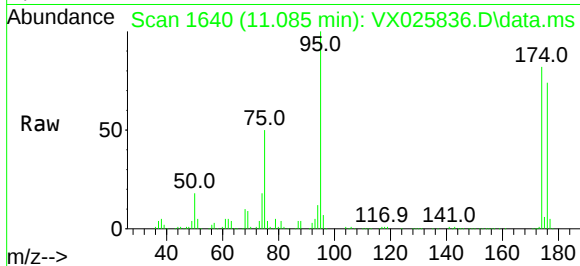




#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.828 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX025836.D
 Acq: 16 Dec 2021 00:52

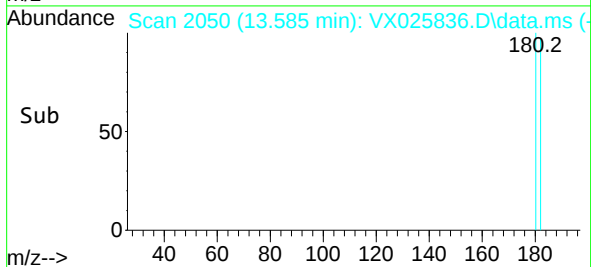
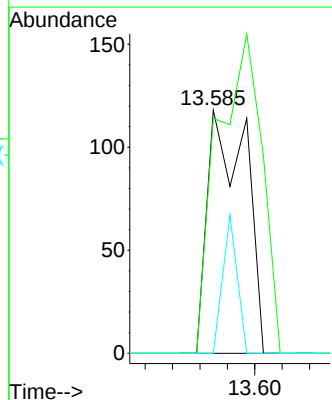
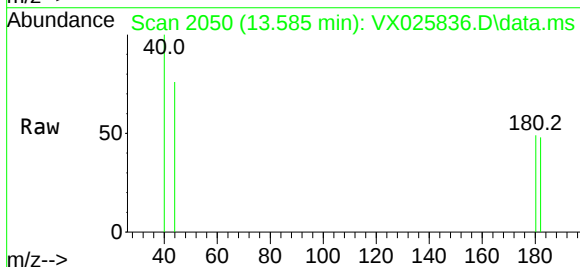
Instrument :
 MSVOA_X
 ClientSampleId :

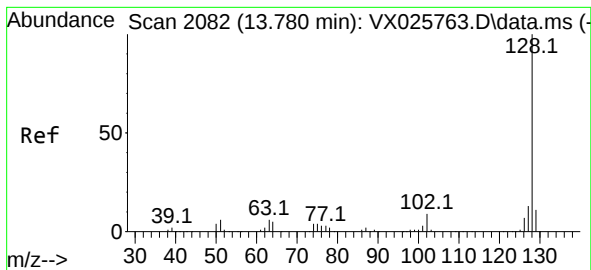
Tgt Ion: 75 Resp: 55851
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.5 119.3#
 89 0.0 38.3 57.5#



#93
 1,2,4-Trichlorobenzene
 Concen: 3.429 ug/l
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.006 min
 Lab File: VX025836.D
 Acq: 16 Dec 2021 00:52

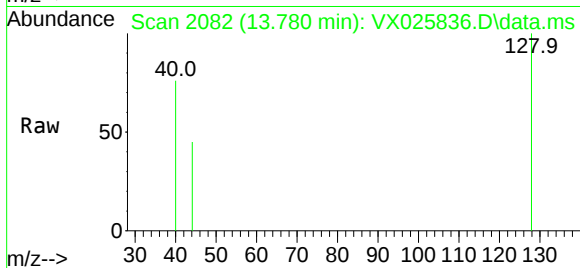
Tgt Ion:180 Resp: 115
 Ion Ratio Lower Upper
 180 100
 182 151.3 47.2 141.6#
 145 21.7 16.3 48.9



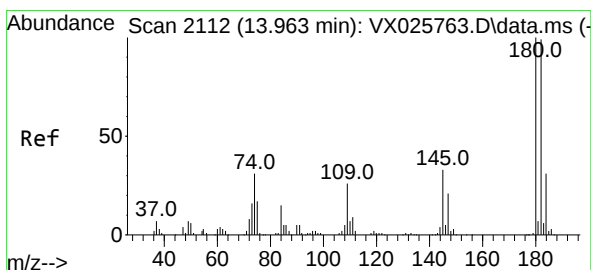
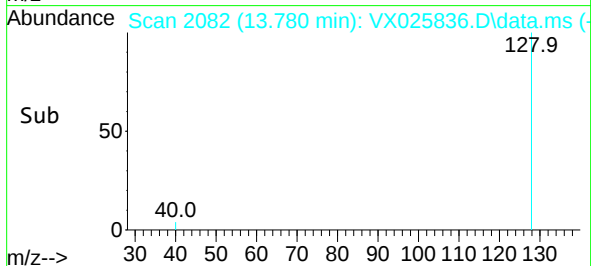
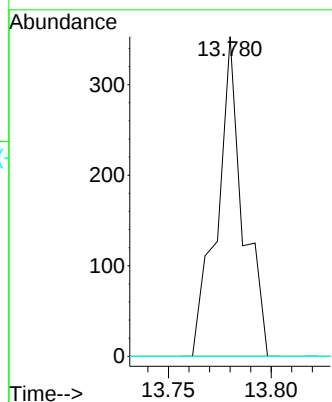


#95
Naphthalene
Concen: 2.458 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX025836.D
Acq: 16 Dec 2021 00:52

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 307
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 3.064 ug/l
RT: 13.975 min Scan# 2114
Delta R.T. 0.012 min
Lab File: VX025836.D
Acq: 16 Dec 2021 00:52

Tgt Ion:180 Resp: 136
Ion Ratio Lower Upper
180 100
182 118.4 47.5 142.6
145 0.0 16.7 50.1#

