

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121721\
 Data File : VX025859.D
 Acq On : 16 Dec 2021 16:42
 Operator : JC/MD
 Sample : PB141455TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

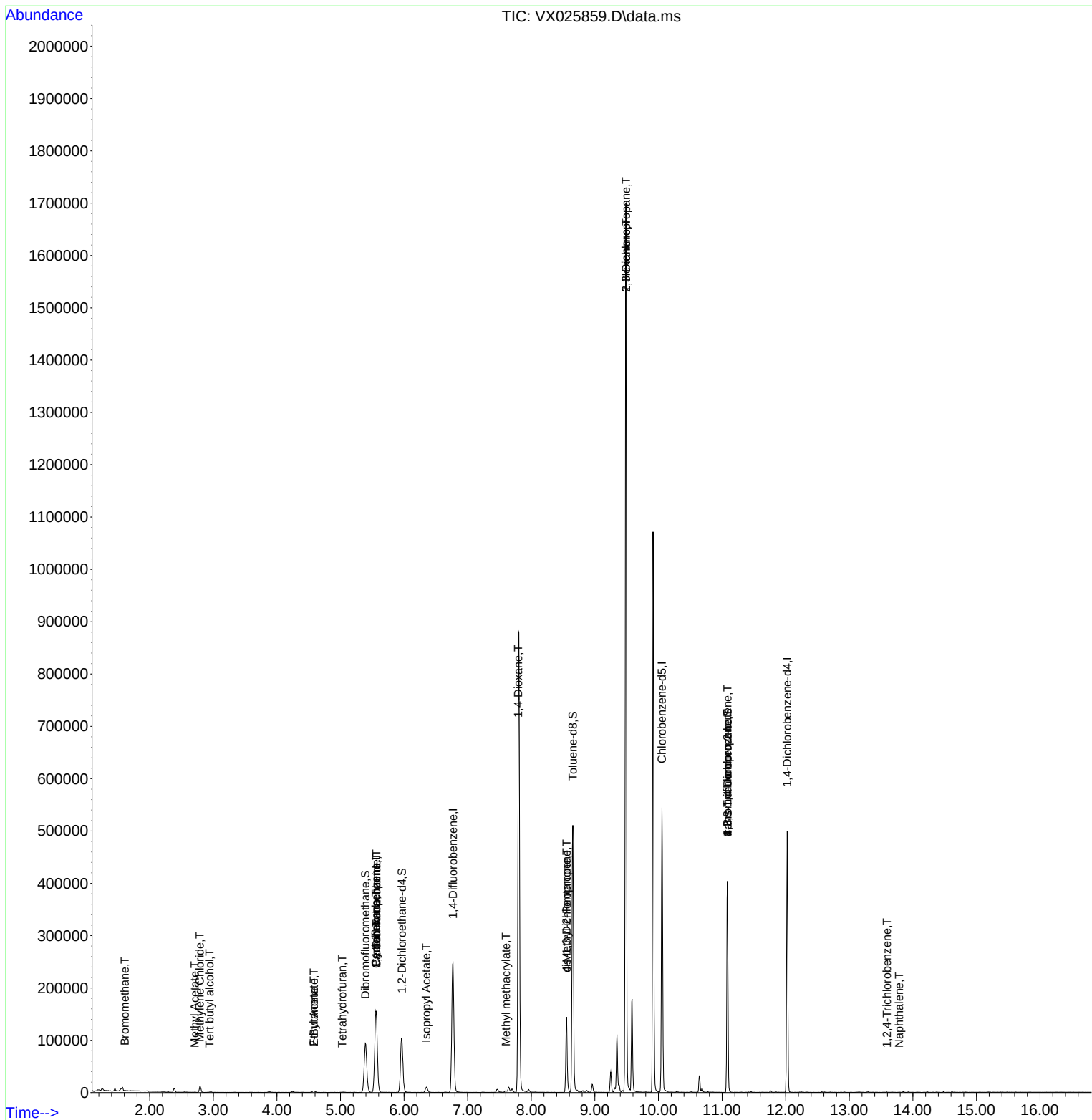
Instrument :
 MSVOA_X
 ClientSampleId :

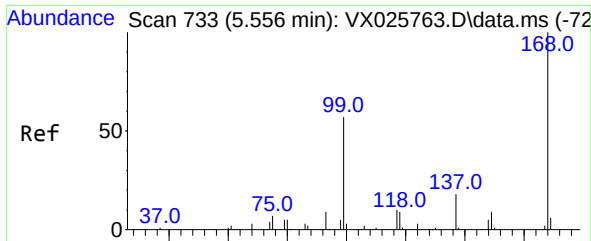
Quant Time: Dec 17 02:32:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 07:02:11 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	147431	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	257576	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	242612	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	98102	46.247	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.500%
35) Dibromofluoromethane	5.391	113	80568	44.851	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.700%
50) Toluene-d8	8.653	98	308891	47.194	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.380%
62) 4-Bromofluorobenzene	11.085	95	108120	43.487	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.980%
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	500	0.383	ug/l #	64
11) Tert butyl alcohol	2.940	59	1092	2.566	ug/l #	73
16) Acetone	2.386	43	8793	Below Cal		100
18) Methyl Acetate	2.709	43	883	0.273	ug/l #	77
20) Methylene Chloride	2.788	84	5376	0.572	ug/l	92
25) 2-Butanone	4.580	43	5116	3.586	ug/l	96
29) Tetrahydrofuran	5.025	42	648	0.714	ug/l #	50
31) Cyclohexane	5.556	56	3345	1.297	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	12147	4.986	ug/l #	50
37) Ethyl Acetate	4.580	43	5116	1.890	ug/l #	69
38) Carbon Tetrachloride	5.562	117	15318	5.404	ug/l #	15
43) Isopropyl Acetate	6.348	43	13173	3.021	ug/l	99
48) Methyl methacrylate	7.604	41	4517	2.200	ug/l #	12
49) 1,4-Dioxane	7.793	88	90	2.008	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	49429	17.316	ug/l #	50
54) cis-1,3-Dichloropropene	8.555	75	22394	7.640	ug/l #	65
57) 1,3-Dichloropropane	9.488	76	15025	4.613	ug/l #	43
59) 2-Hexanone	9.488	43	198561	91.808	ug/l #	51
76) 1,2,3-Trichloropropane	11.085	75	54575	23.690	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	54575	73.444	ug/l #	10
93) 1,2,4-Trichlorobenzene	13.591	180	63	3.400	ug/l #	27
95) Naphthalene	13.786	128	183	2.437	ug/l #	69

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

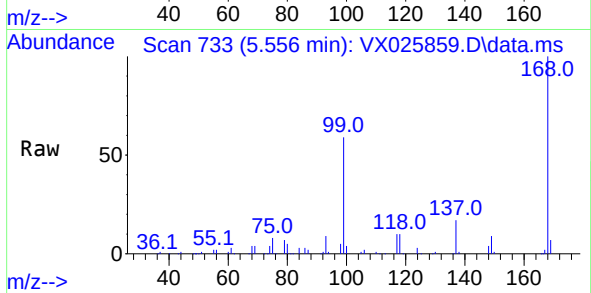
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 14 07:02:11 2021
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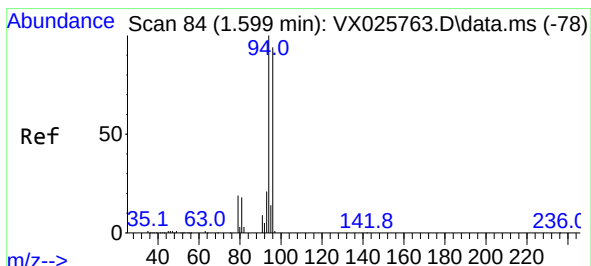
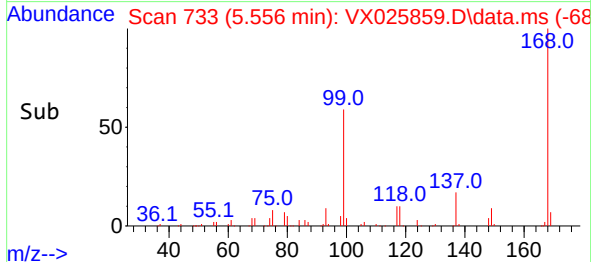
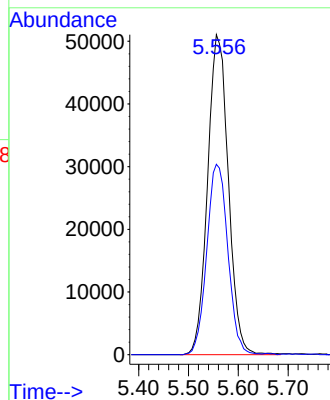


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025859.D
Acq: 16 Dec 2021 16:42

Instrument :
MSVOA_X
ClientSampleId :

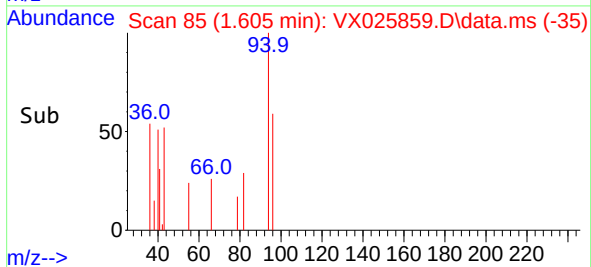
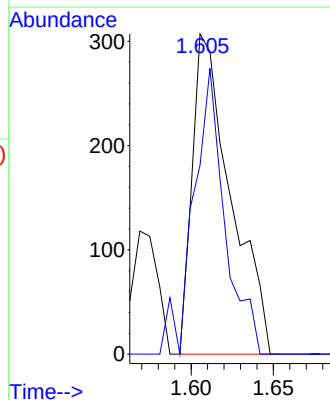
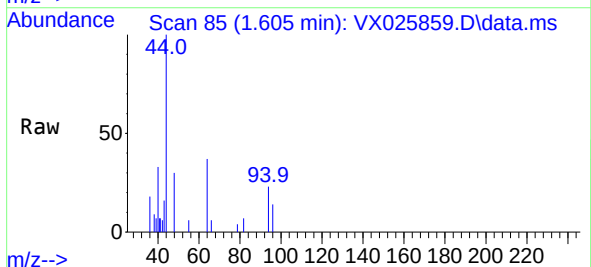


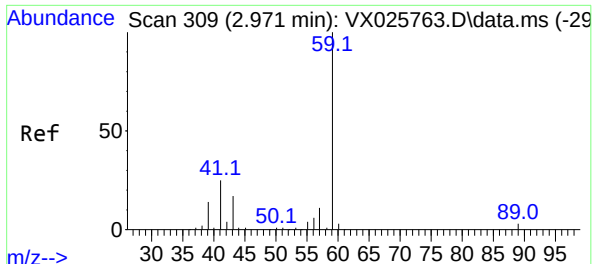
Tgt Ion:168 Resp: 147431
Ion Ratio Lower Upper
168 100
99 59.5 45.8 68.8



#5
Bromomethane
Concen: 0.383 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX025859.D
Acq: 16 Dec 2021 16:42

Tgt Ion: 94 Resp: 500
Ion Ratio Lower Upper
94 100
96 59.0 75.0 112.4#





#11

Tert butyl alcohol

Concen: 2.566 ug/l

RT: 2.940 min Scan# 309

Delta R.T. -0.031 min

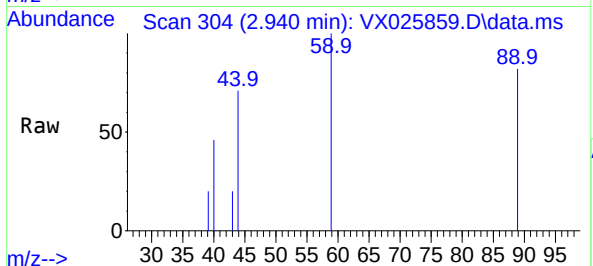
Lab File: VX025859.D

Acq: 16 Dec 2021 16:42

Instrument :

MSVOA_X

ClientSampleId :

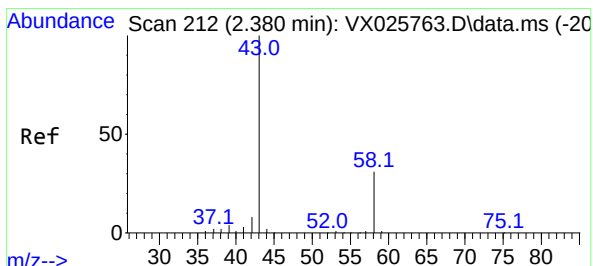
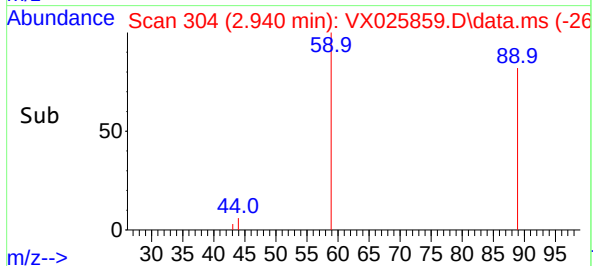
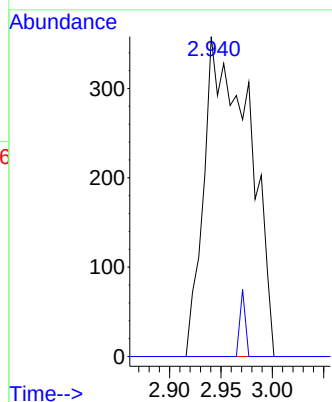


Tgt Ion: 59 Resp: 1092

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#16

Acetone

Concen: Below Cal

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX025859.D

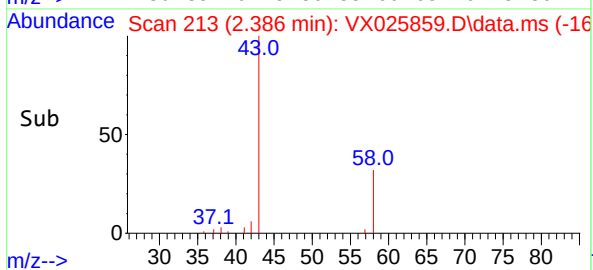
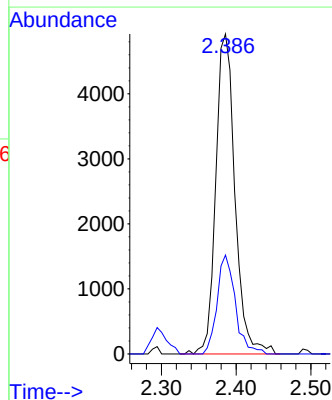
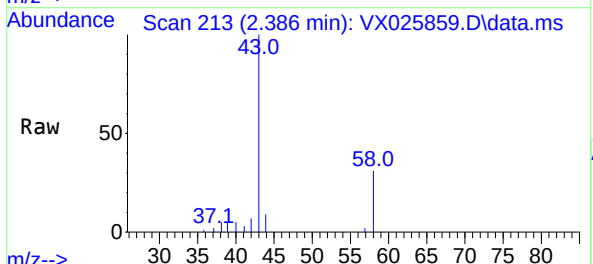
Acq: 16 Dec 2021 16:42

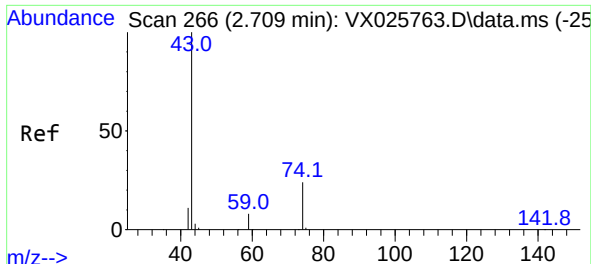
Tgt Ion: 43 Resp: 8793

Ion Ratio Lower Upper

43 100

58 30.9 24.8 37.2





#18

Methyl Acetate

Concen: 0.273 ug/l

RT: 2.709 min Scan# 266

Delta R.T. -0.000 min

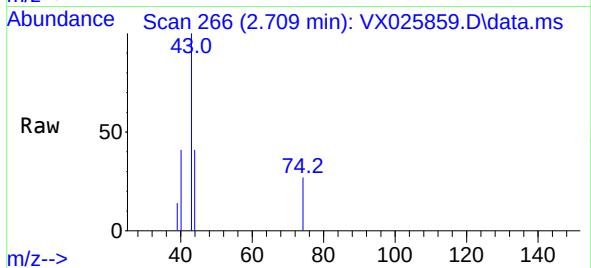
Lab File: VX025859.D

Acq: 16 Dec 2021 16:42

Instrument :

MSVOA_X

ClientSampleId :

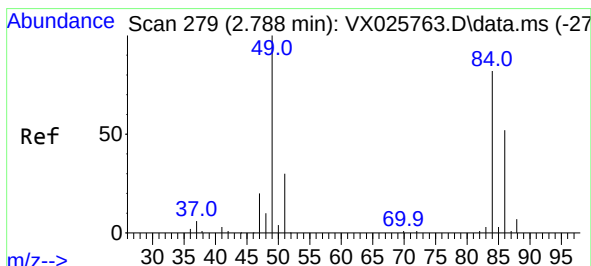
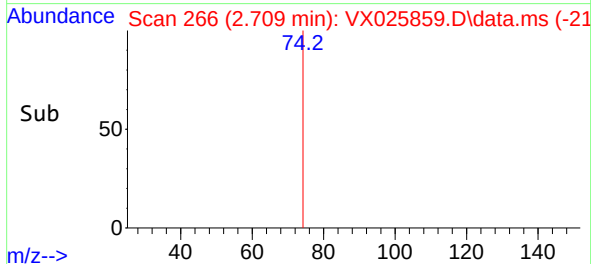
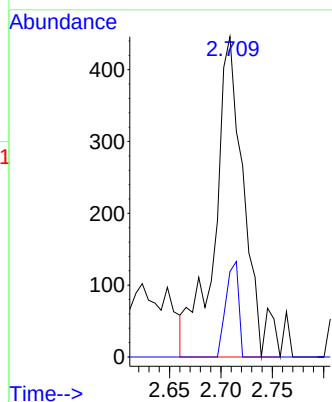


Tgt Ion: 43 Resp: 883

Ion Ratio Lower Upper

43 100

74 12.8 19.1 28.7#



#20

Methylene Chloride

Concen: 0.572 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX025859.D

Acq: 16 Dec 2021 16:42

Tgt Ion: 84 Resp: 5376

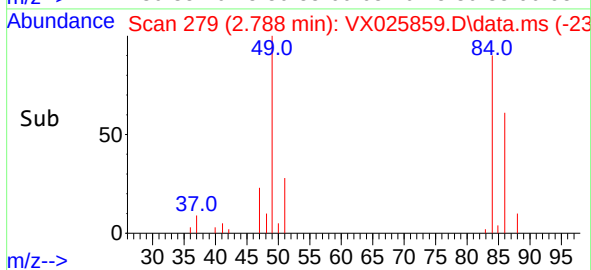
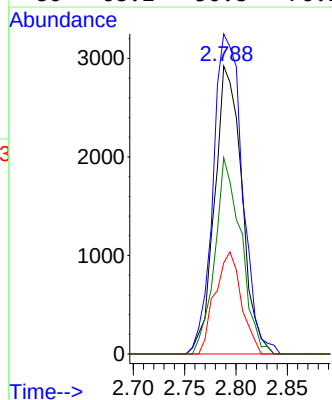
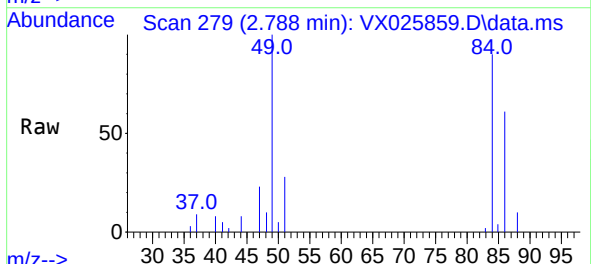
Ion Ratio Lower Upper

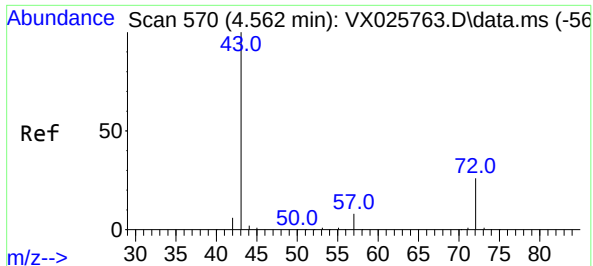
84 100

49 111.2 97.1 145.7

51 31.6 29.3 43.9

86 68.2 50.8 76.2

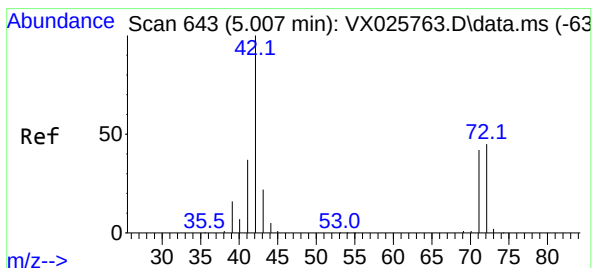
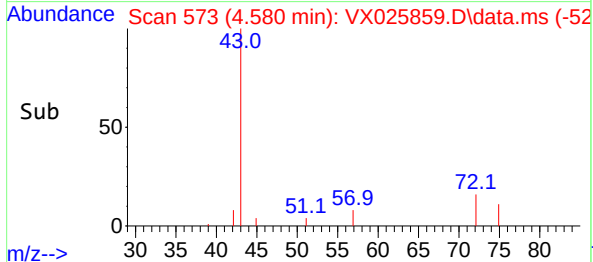
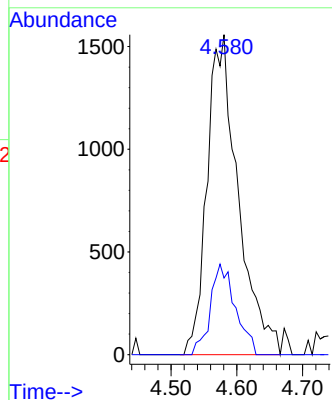
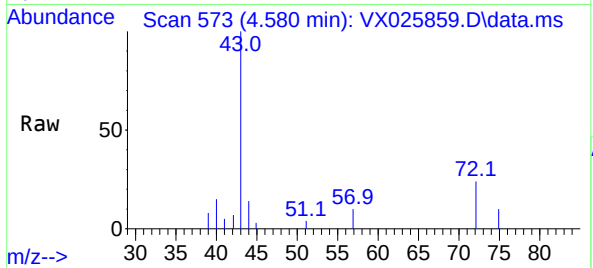




#25
2-Butanone
Concen: 3.586 ug/l
RT: 4.580 min Scan# 5116
Delta R.T. 0.018 min
Lab File: VX025859.D
Acq: 16 Dec 2021 16:42

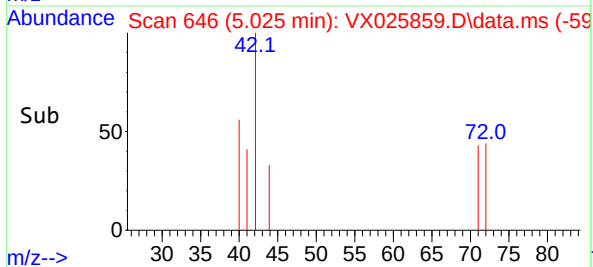
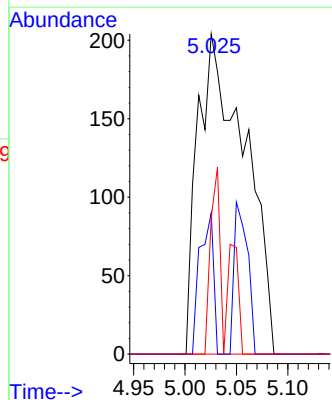
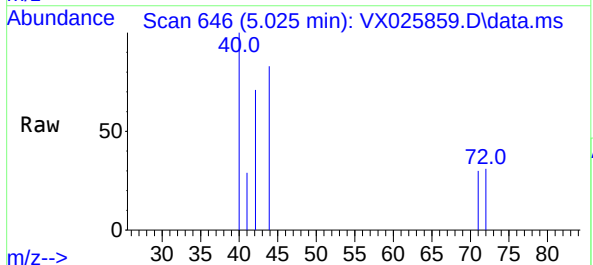
Instrument :
MSVOA_X
ClientSampleId :

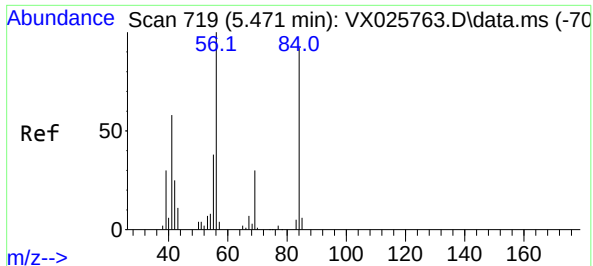
Tgt Ion: 43 Resp: 5116
Ion Ratio Lower Upper
43 100
72 23.9 21.0 31.4



#29
Tetrahydrofuran
Concen: 0.714 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.018 min
Lab File: VX025859.D
Acq: 16 Dec 2021 16:42

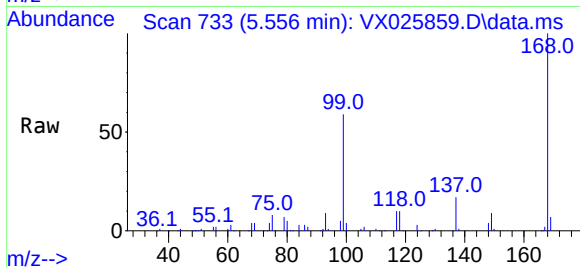
Tgt Ion: 42 Resp: 648
Ion Ratio Lower Upper
42 100
72 12.8 37.0 55.6#
71 11.6 34.1 51.1#



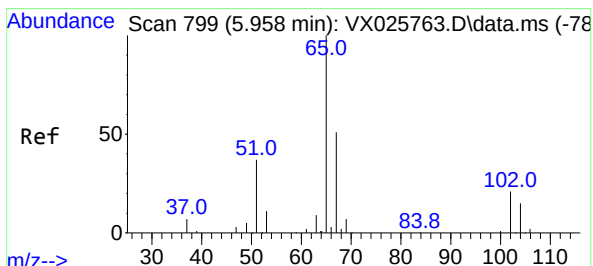
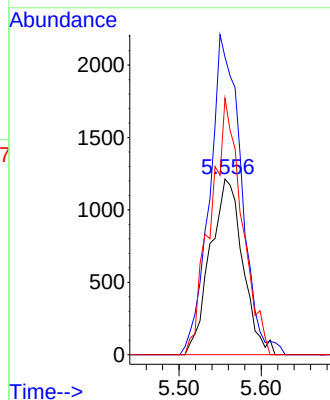
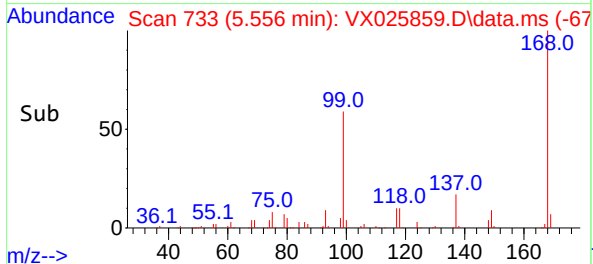


#31
Cyclohexane
Concen: 1.297 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX025859.D
Acq: 16 Dec 2021 16:42

Instrument :
MSVOA_X
ClientSampleId :

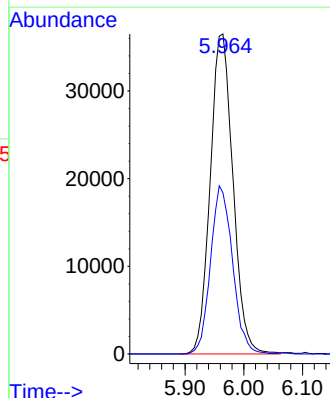
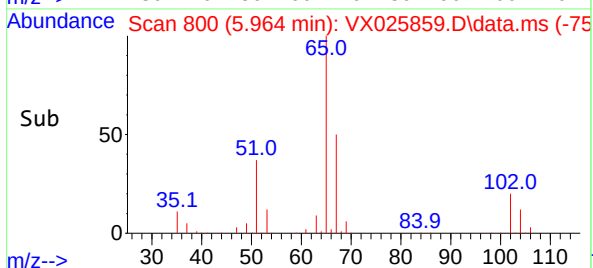
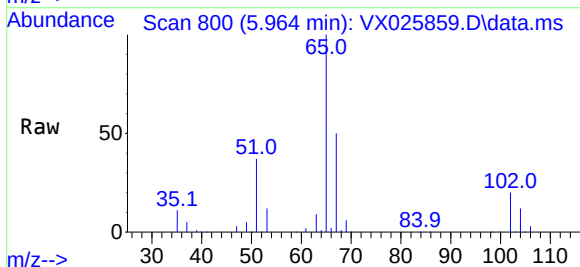


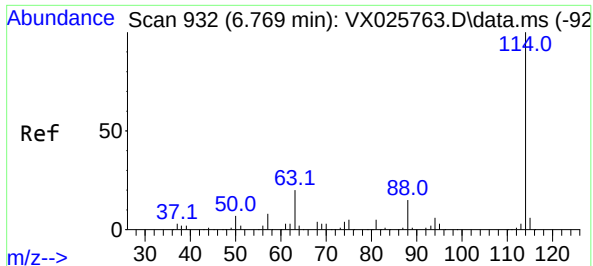
Tgt Ion: 56 Resp: 3345
Ion Ratio Lower Upper
56 100
69 169.3 23.9 35.9#
84 145.9 73.2 109.8#



#33
1,2-Dichloroethane-d4
Concen: 46.247 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX025859.D
Acq: 16 Dec 2021 16:42

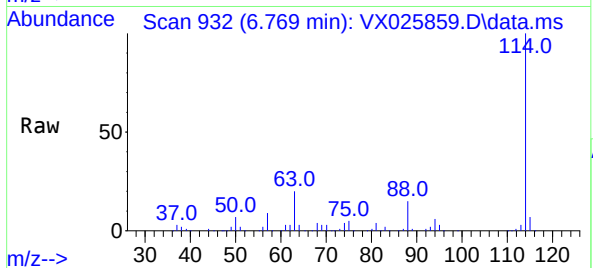
Tgt Ion: 65 Resp: 98102
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.4



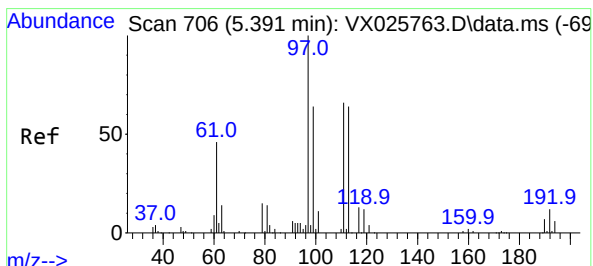
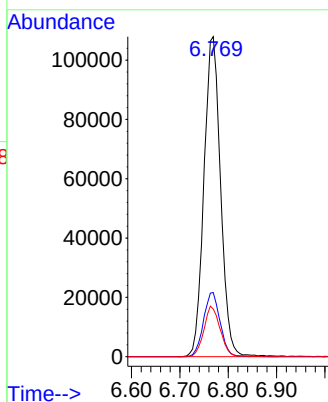
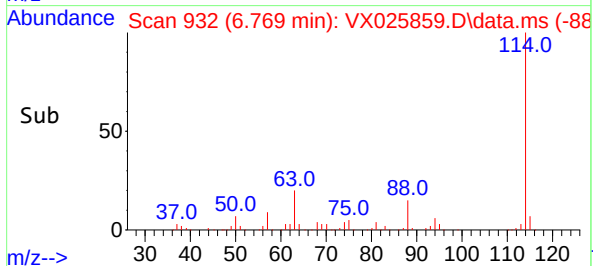


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX025859.D
Acq: 16 Dec 2021 16:42

Instrument :
MSVOA_X
ClientSampleId :

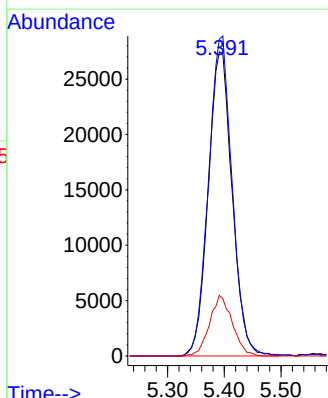
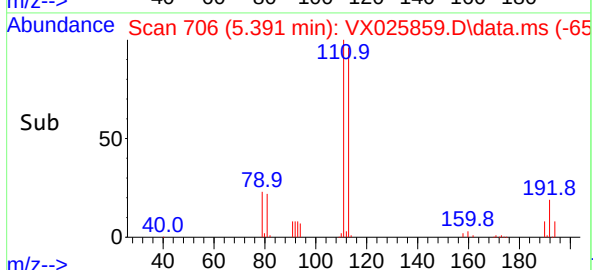
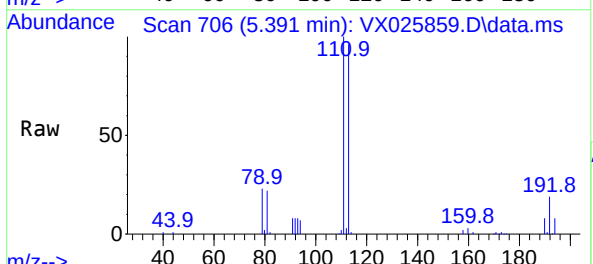


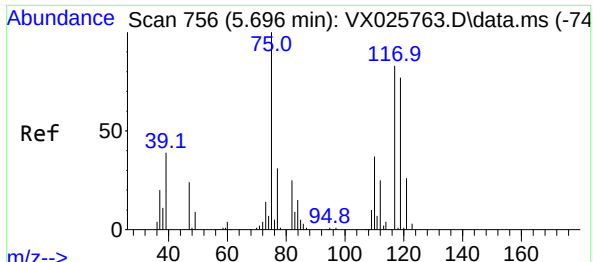
Tgt Ion:114 Resp: 257576
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.0
88 14.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 44.851 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX025859.D
Acq: 16 Dec 2021 16:42

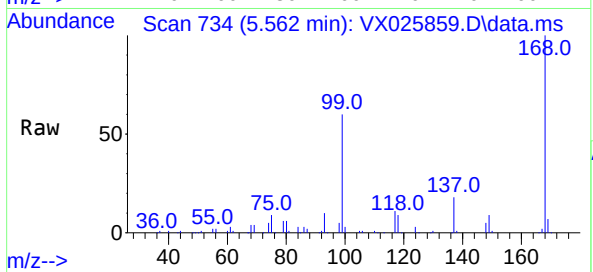
Tgt Ion:113 Resp: 80568
Ion Ratio Lower Upper
113 100
111 103.7 81.8 122.8
192 18.8 15.0 22.4



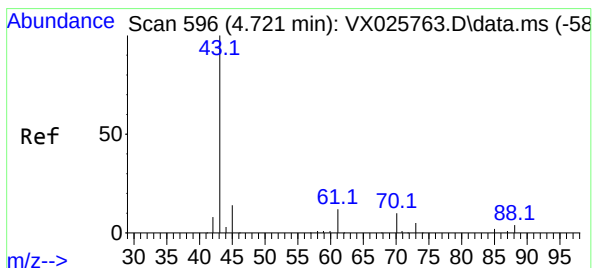
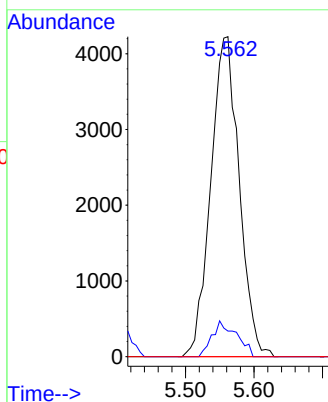
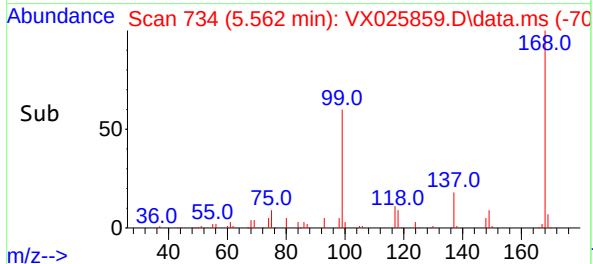


#36
1,1-Dichloropropene
Concen: 4.986 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX025859.D
Acq: 16 Dec 2021 16:42

Instrument :
MSVOA_X
ClientSampleId :

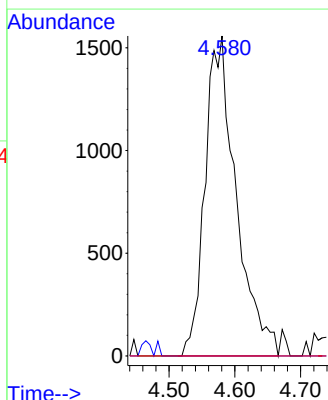
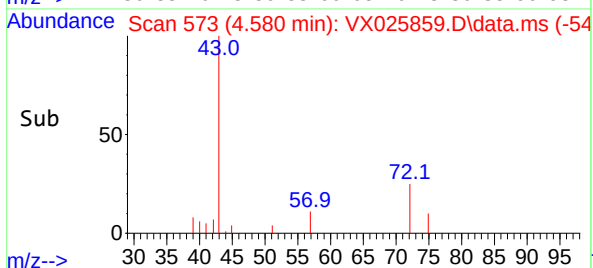
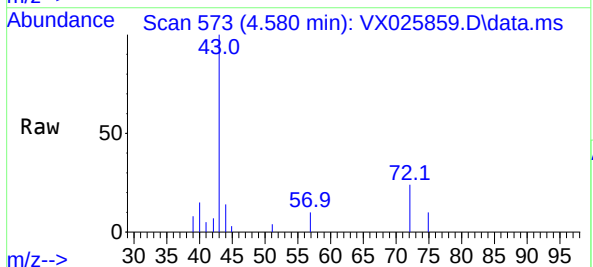


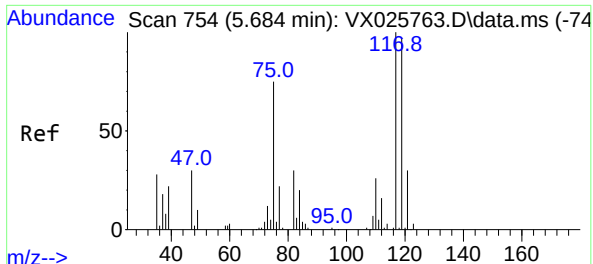
Tgt Ion: 75 Resp: 12147
Ion Ratio Lower Upper
75 100
110 9.6 18.2 54.6#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 1.890 ug/l
RT: 4.580 min Scan# 573
Delta R.T. -0.140 min
Lab File: VX025859.D
Acq: 16 Dec 2021 16:42

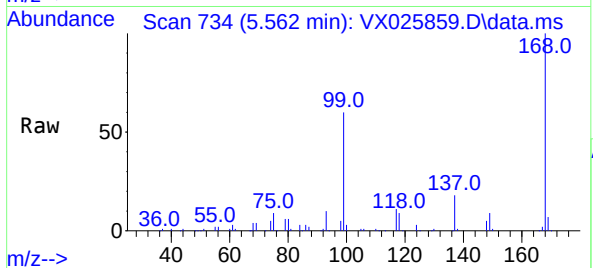
Tgt Ion: 43 Resp: 5116
Ion Ratio Lower Upper
43 100
61 0.0 10.7 16.1#
70 0.0 8.5 12.7#



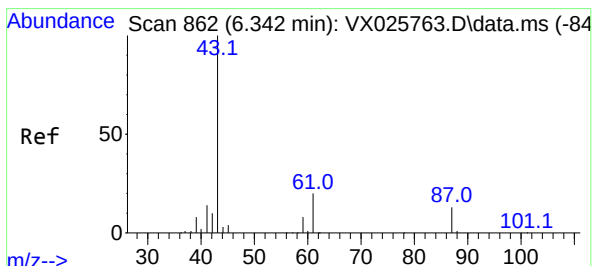
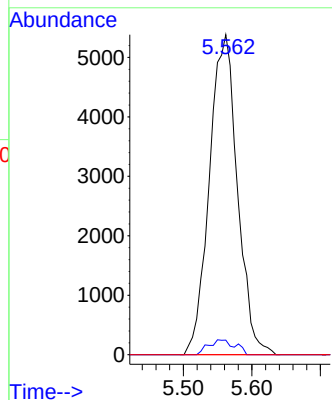
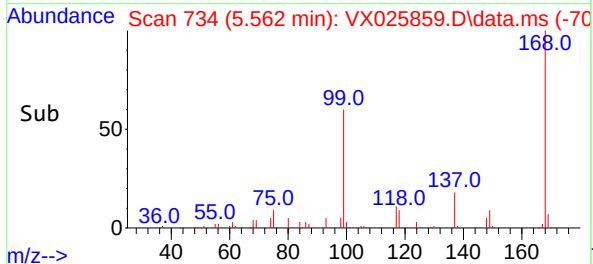


#38
Carbon Tetrachloride
Concen: 5.404 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX025859.D
Acq: 16 Dec 2021 16:42

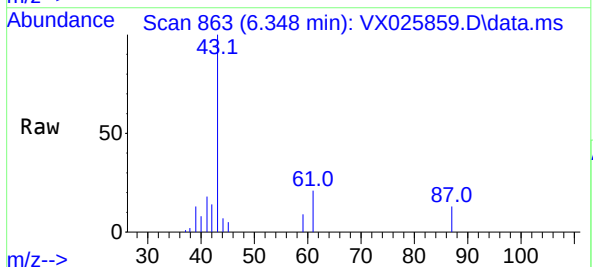
Instrument :
MSVOA_X
ClientSampleId :



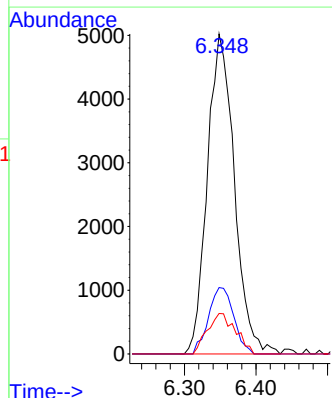
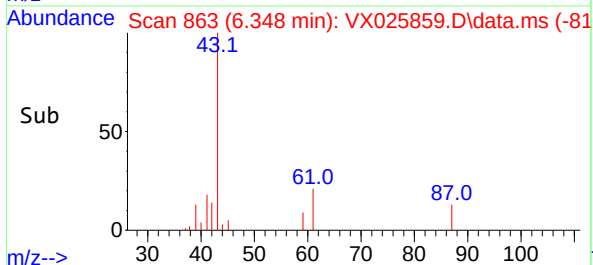
Tgt Ion:117 Resp: 15318
Ion Ratio Lower Upper
117 100
119 4.6 77.2 115.8#
121 0.0 23.8 35.8#

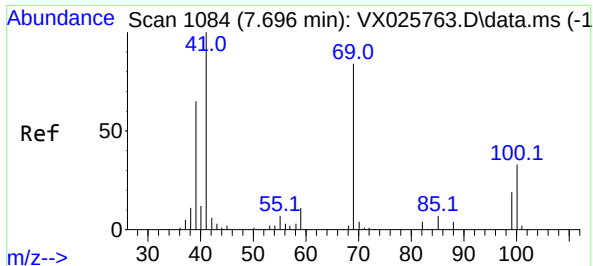


#43
Isopropyl Acetate
Concen: 3.021 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX025859.D
Acq: 16 Dec 2021 16:42



Tgt Ion: 43 Resp: 13173
Ion Ratio Lower Upper
43 100
61 19.3 15.7 23.5
87 13.1 11.2 16.8





#48

Methyl methacrylate

Concen: 2.200 ug/l

RT: 7.604 min Scan# 1100

Delta R.T. -0.092 min

Lab File: VX025859.D

Acq: 16 Dec 2021 16:42

Instrument :

MSVOA_X

ClientSampleId :

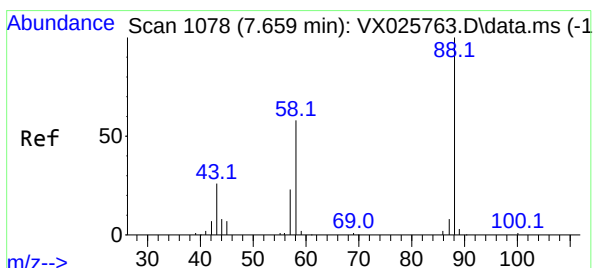
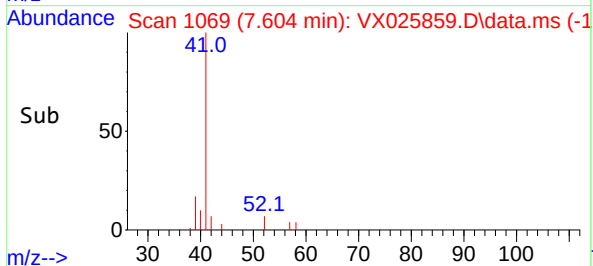
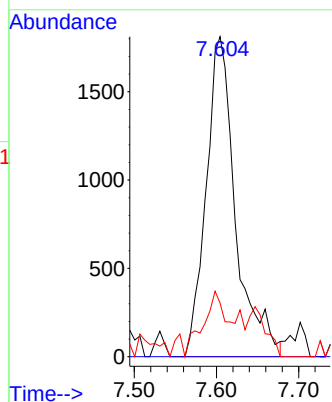
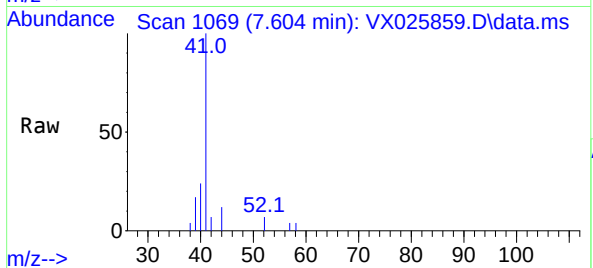
Tgt Ion: 41 Resp: 4517

Ion Ratio Lower Upper

41 100

69 0.0 67.3 100.9#

39 0.0 50.2 75.2#



#49

1,4-Dioxane

Concen: 2.008 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.134 min

Lab File: VX025859.D

Acq: 16 Dec 2021 16:42

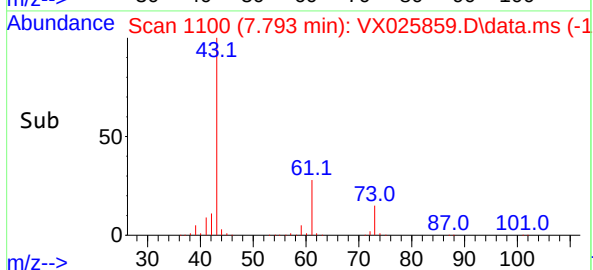
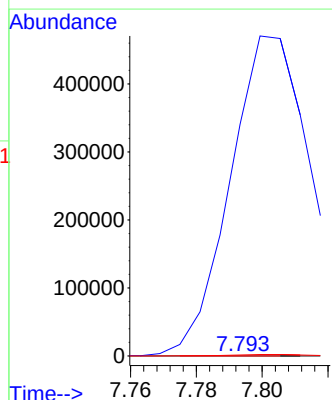
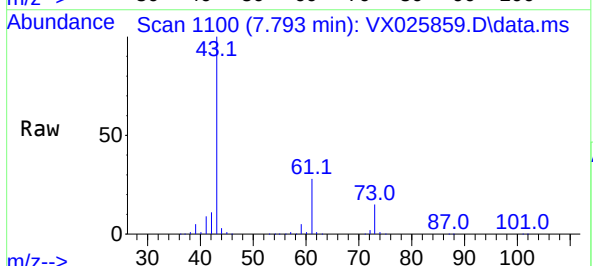
Tgt Ion: 88 Resp: 90

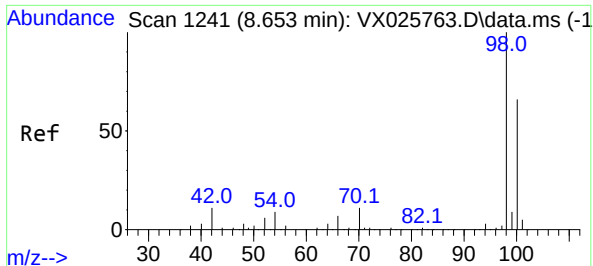
Ion Ratio Lower Upper

88 100

43 922474.4 25.3 37.9#

58 4162.2 51.8 77.6#

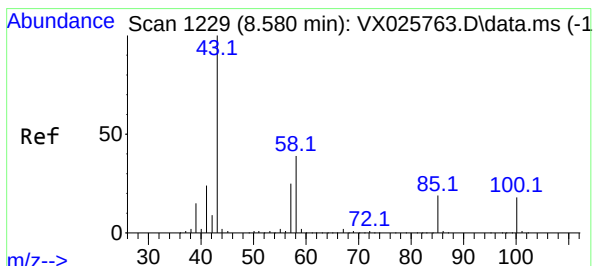
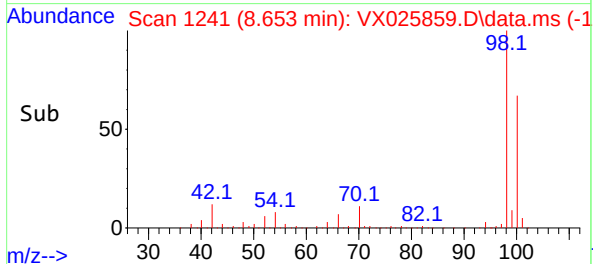
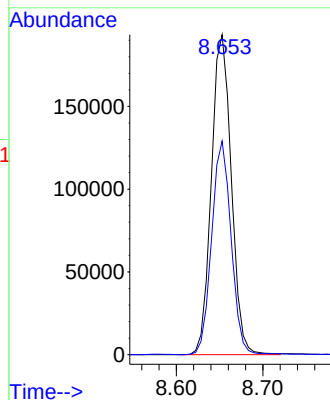
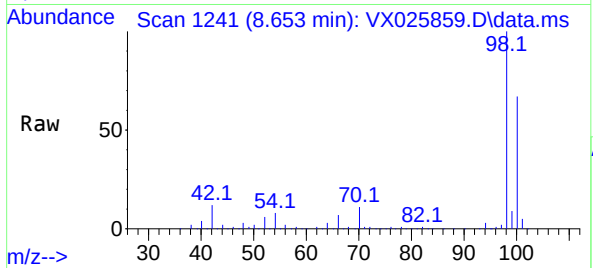




#50
Toluene-d8
Concen: 47.194 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025859.D
Acq: 16 Dec 2021 16:42

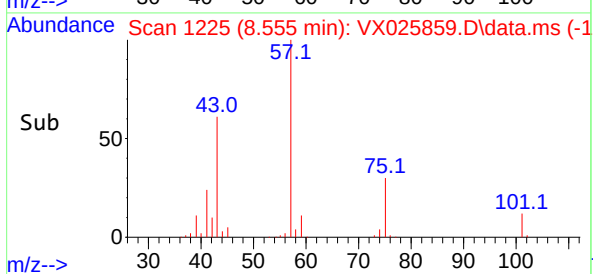
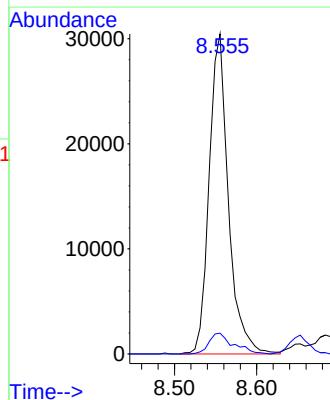
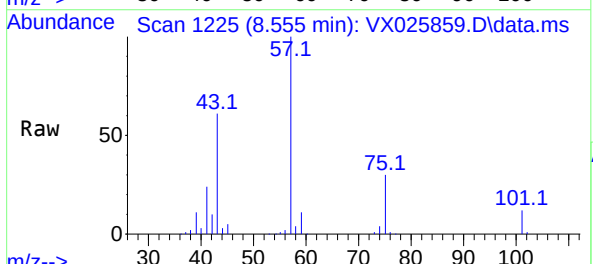
Instrument :
MSVOA_X
ClientSampleId :

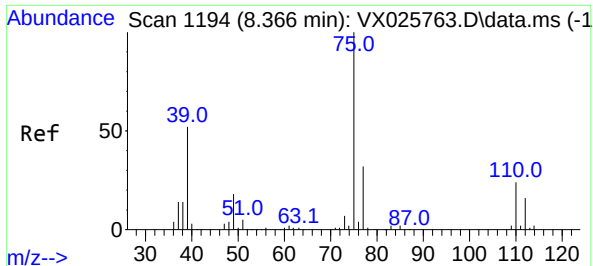
Tgt Ion: 98 Resp: 308891
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 17.316 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.024 min
Lab File: VX025859.D
Acq: 16 Dec 2021 16:42

Tgt Ion: 43 Resp: 49429
Ion Ratio Lower Upper
43 100
58 8.2 30.8 46.2#

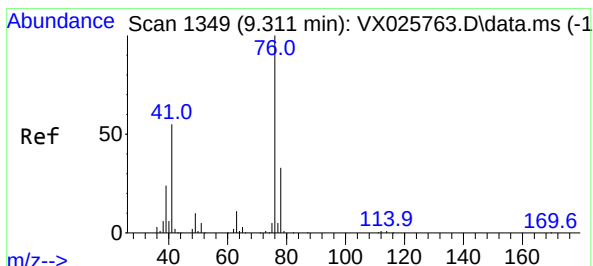
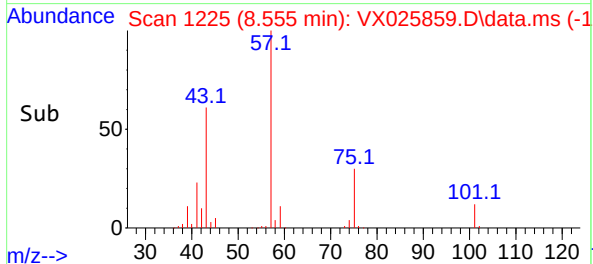
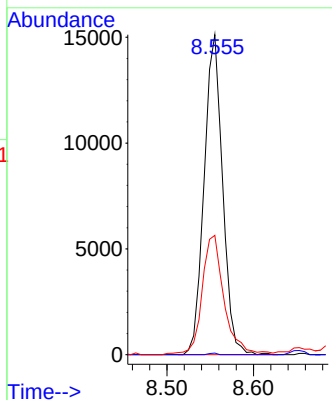
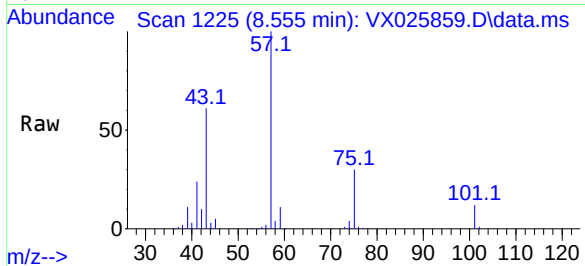




#54
cis-1,3-Dichloropropene
Concen: 7.640 ug/l
RT: 8.555 min Scan# 1194
Delta R.T. 0.189 min
Lab File: VX025859.D
Acq: 16 Dec 2021 16:42

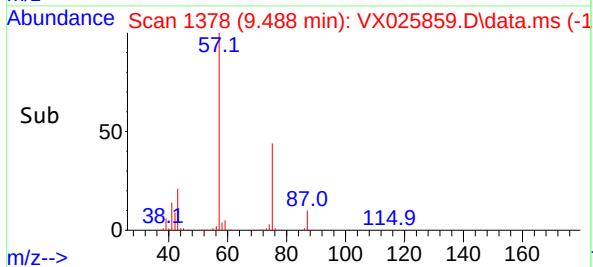
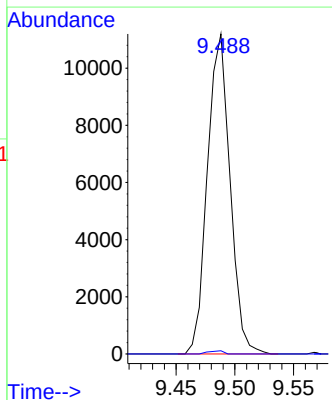
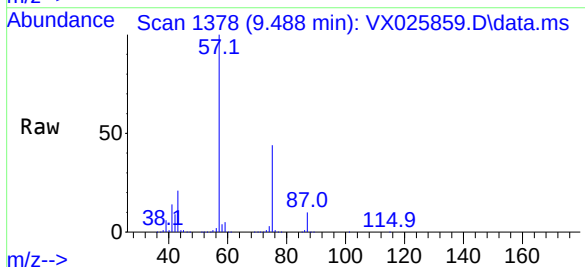
Instrument :
MSVOA_X
ClientSampleId :

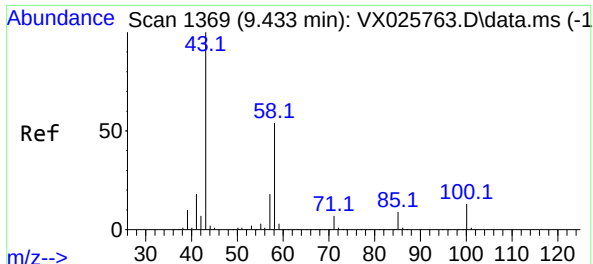
Tgt Ion: 75 Resp: 22394
Ion Ratio Lower Upper
75 100
77 0.5 25.3 37.9#
39 36.6 41.4 62.0#



#57
1,3-Dichloropropane
Concen: 4.613 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX025859.D
Acq: 16 Dec 2021 16:42

Tgt Ion: 76 Resp: 15025
Ion Ratio Lower Upper
76 100
78 0.7 26.0 39.0#

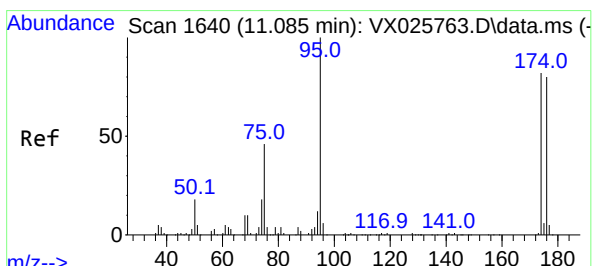
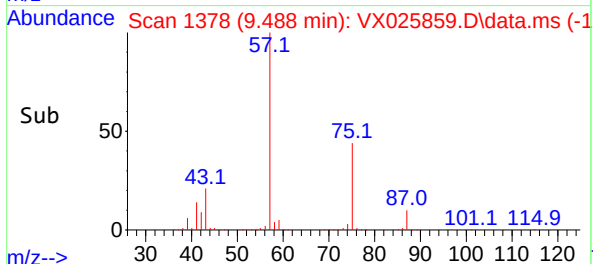
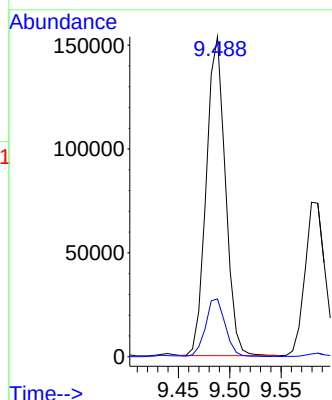
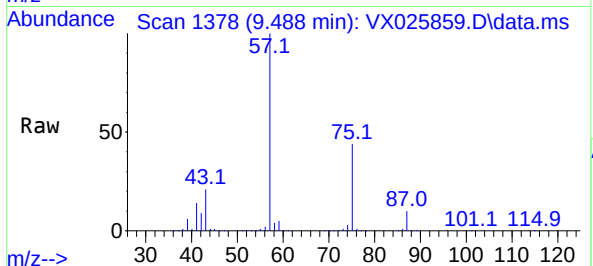




#59
2-Hexanone
Concen: 91.808 ug/l
RT: 9.488 min Scan# 11
Delta R.T. 0.055 min
Lab File: VX025859.D
Acq: 16 Dec 2021 16:42

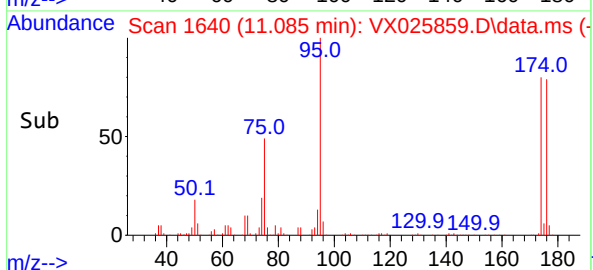
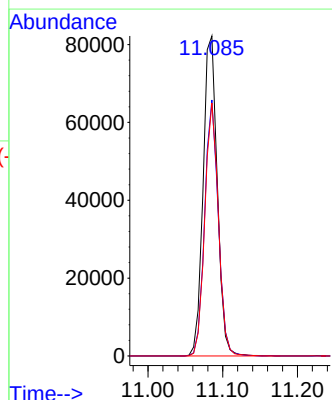
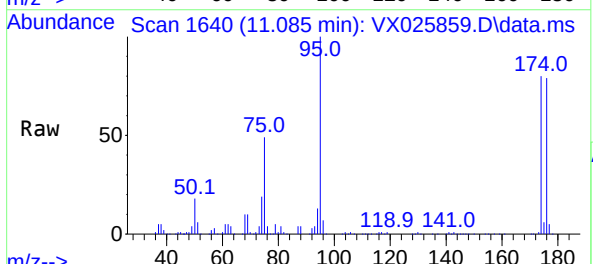
Instrument :
MSVOA_X
ClientSampleId :

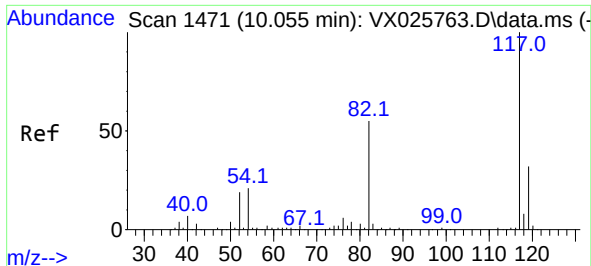
Tgt Ion: 43 Resp: 198561
Ion Ratio Lower Upper
43 100
58 18.9 26.9 80.6#



#62
4-Bromofluorobenzene
Concen: 43.487 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX025859.D
Acq: 16 Dec 2021 16:42

Tgt Ion: 95 Resp: 108120
Ion Ratio Lower Upper
95 100
174 76.8 0.0 157.4
176 75.8 0.0 154.6

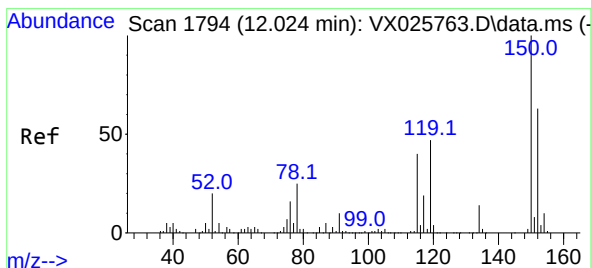
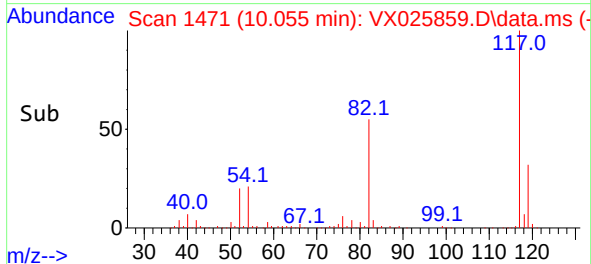
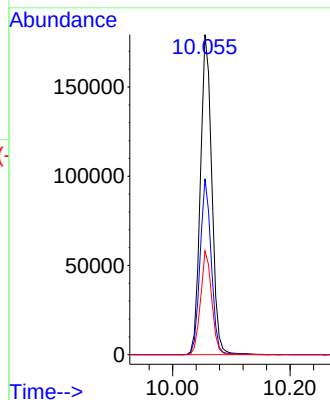
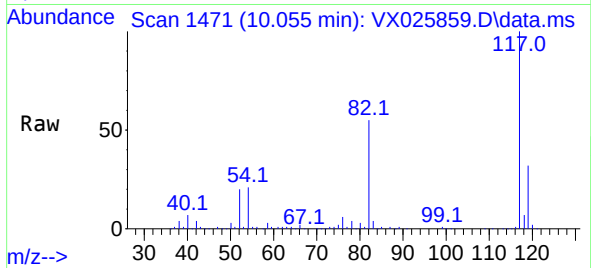




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025859.D
Acq: 16 Dec 2021 16:42

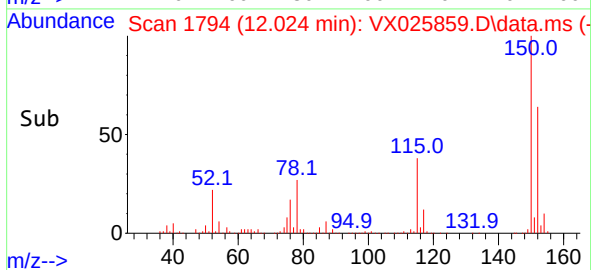
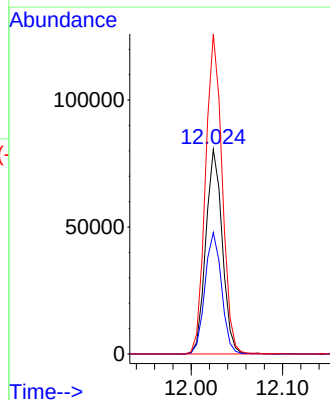
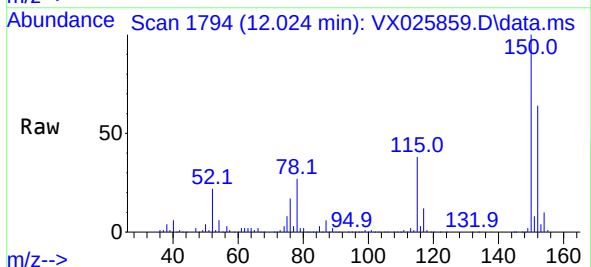
Instrument :
MSVOA_X
ClientSampleId :

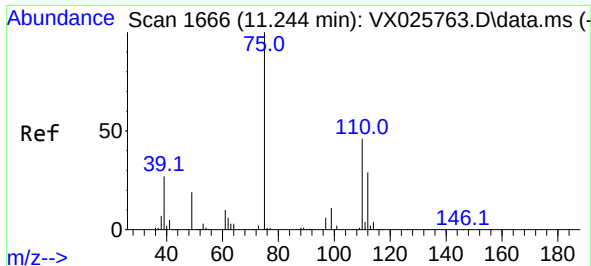
Tgt Ion:117 Resp: 242612
Ion Ratio Lower Upper
117 100
82 55.0 43.8 65.6
119 32.4 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX025859.D
Acq: 16 Dec 2021 16:42

Tgt Ion:152 Resp: 100549
Ion Ratio Lower Upper
152 100
115 59.8 41.3 123.9
150 158.0 0.0 351.8

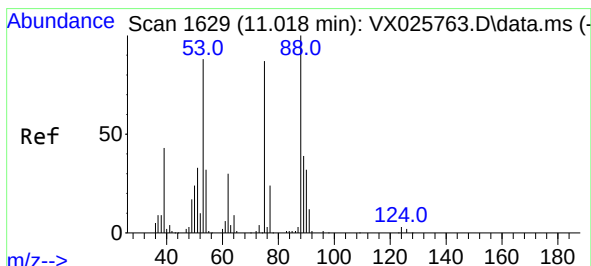
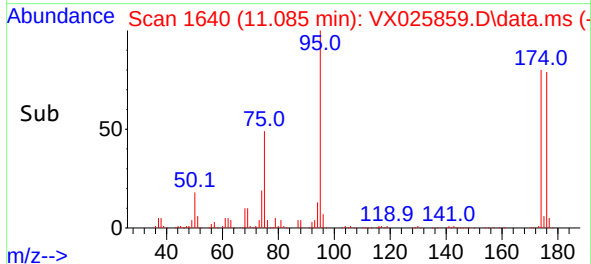
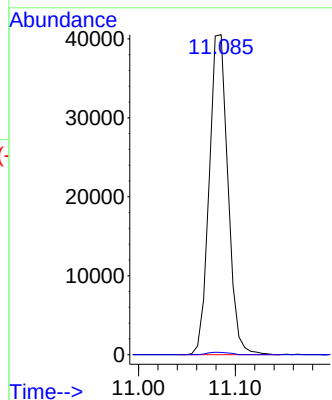
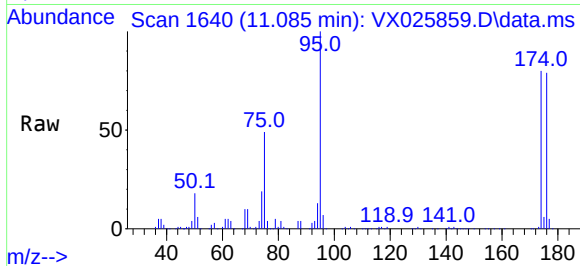




#76
1,2,3-Trichloropropane
Concen: 23.690 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX025859.D
Acq: 16 Dec 2021 16:42

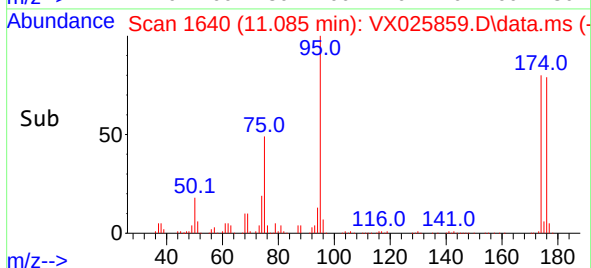
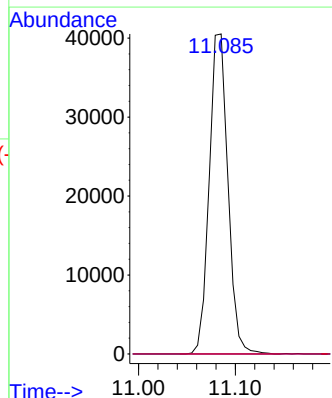
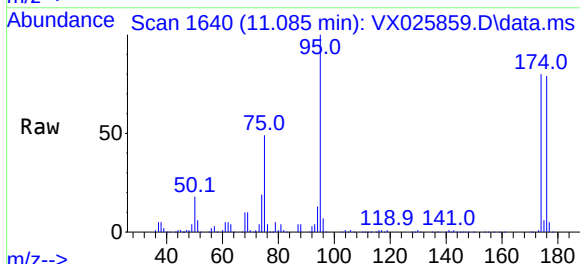
Instrument :
MSVOA_X
ClientSampleId :

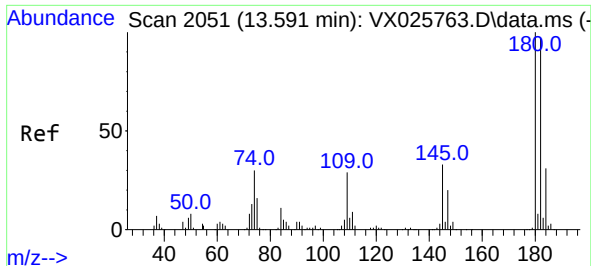
Tgt Ion: 75 Resp: 54575
Ion Ratio Lower Upper
75 100
77 0.9 19.0 57.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.444 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX025859.D
Acq: 16 Dec 2021 16:42

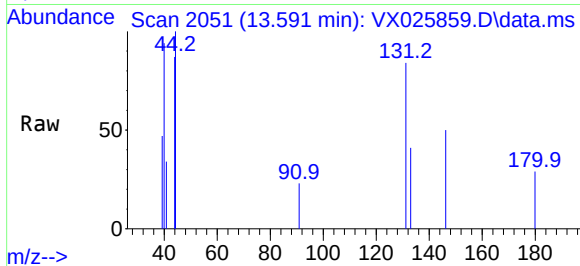
Tgt Ion: 75 Resp: 54575
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 38.3 57.5#



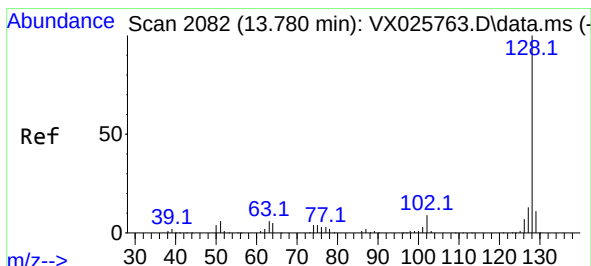
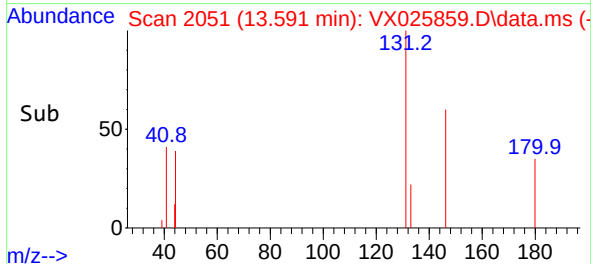
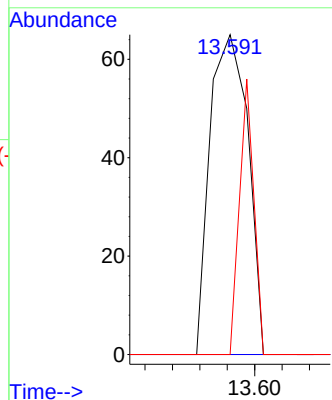


#93
1,2,4-Trichlorobenzene
Concen: 3.400 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX025859.D
Acq: 16 Dec 2021 16:42

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:180 Resp: 63
Ion Ratio Lower Upper
180 100
182 0.0 47.2 141.6#
145 31.7 16.3 48.9



#95
Naphthalene
Concen: 2.437 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX025859.D
Acq: 16 Dec 2021 16:42

Tgt Ion:128 Resp: 183
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

