

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121421\
 Data File : VX025801.D
 Acq On : 15 Dec 2021 01:31
 Operator : JC/MD
 Sample : M4988-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB02-20211207

Quant Time: Dec 15 07:14:50 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)

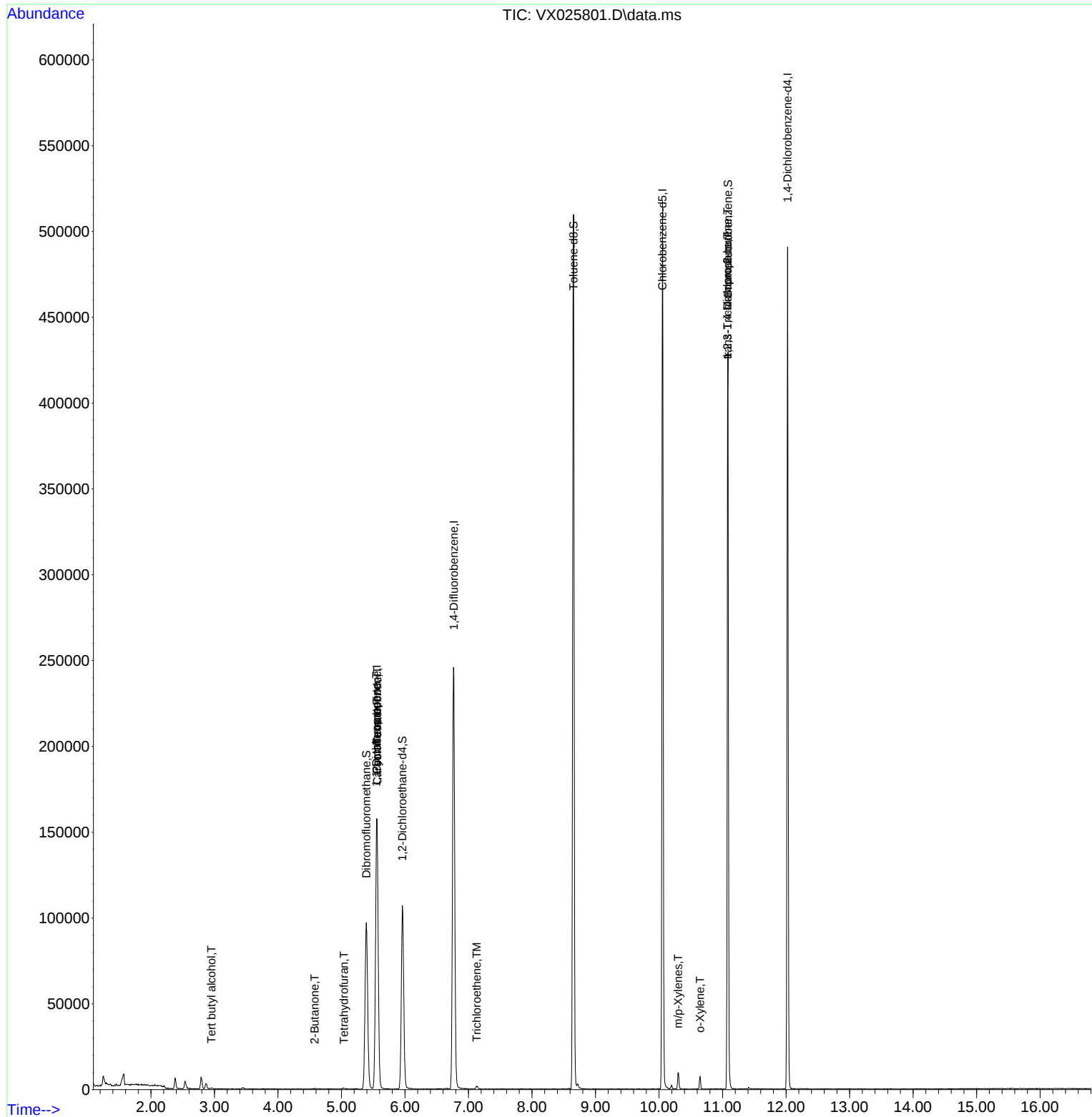
Internal Standards						
1) Pentafluorobenzene	5.556	168	148587	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	258136	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98913	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	100455	46.988	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.980%		
35) Dibromofluoromethane	5.391	113	82839	46.015	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.020%		
50) Toluene-d8	8.653	98	304448	46.415	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.820%		
62) 4-Bromofluorobenzene	11.085	95	115665	46.421	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.840%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.953	59	466	1.087	ug/l #	73
16) Acetone	2.380	43	6449	Below Cal		94
20) Methylene Chloride	2.788	84	3183	Below Cal #		88
25) 2-Butanone	4.574	43	362	0.252	ug/l #	49
29) Tetrahydrofuran	5.038	42	438	0.479	ug/l #	49
31) Cyclohexane	5.556	56	3461	1.331	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11909	4.878	ug/l #	50
38) Carbon Tetrachloride	5.562	117	15720	5.534	ug/l #	17
44) Trichloroethene	7.129	130	887	0.437	ug/l	93
68) m/p-Xylenes	10.299	106	2560	0.797	ug/l	98
69) o-Xylene	10.646	106	1662	0.526	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	59400	26.210	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	59400	81.260	ug/l #	10

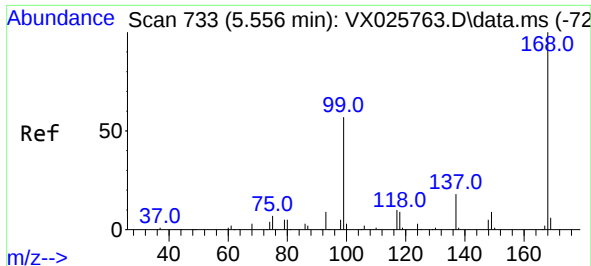
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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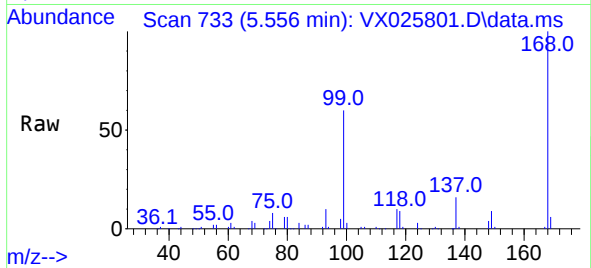
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
Quant Title : SW846 8260
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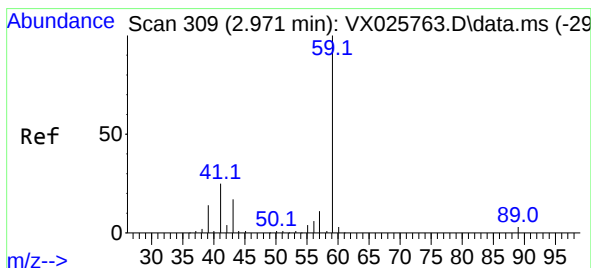
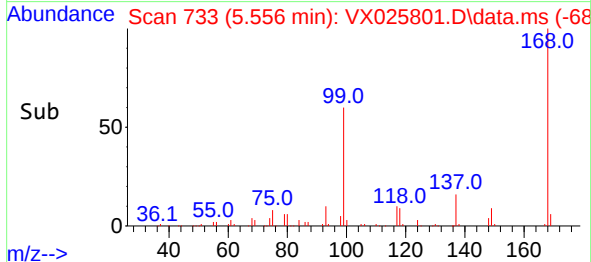
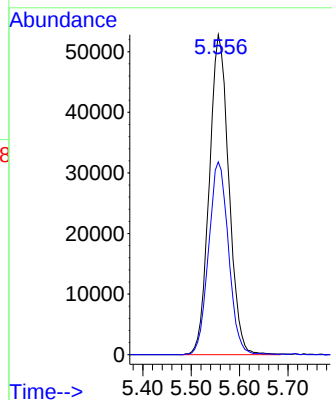


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025801.D
Acq: 15 Dec 2021 01:31

Instrument :
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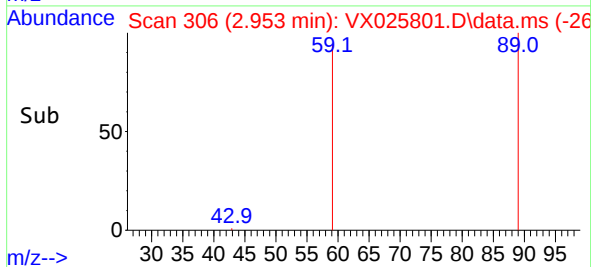
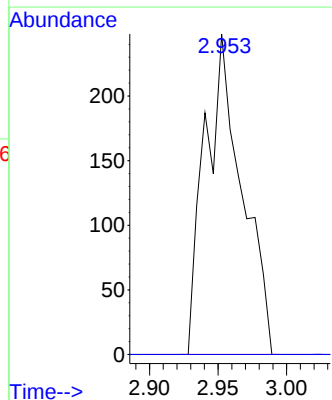
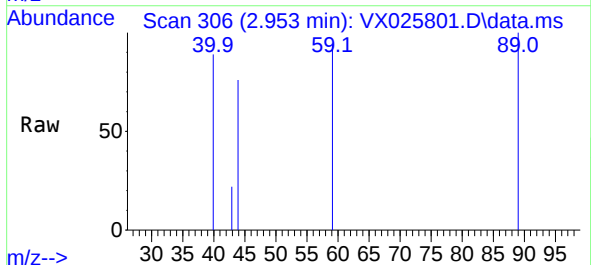


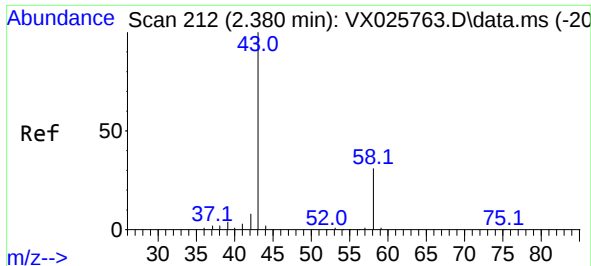
Tgt Ion:168 Resp: 148587
Ion Ratio Lower Upper
168 100
99 60.3 45.8 68.8



#11
Tert butyl alcohol
Concen: 1.087 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.018 min
Lab File: VX025801.D
Acq: 15 Dec 2021 01:31

Tgt Ion: 59 Resp: 466
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

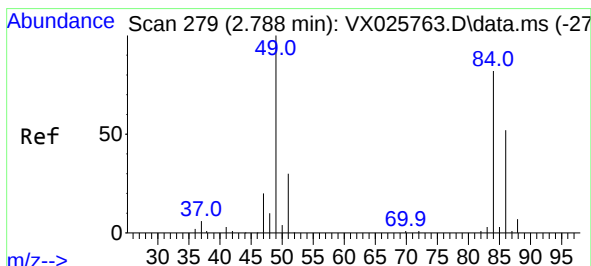
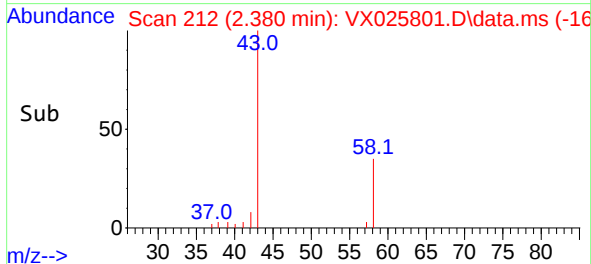
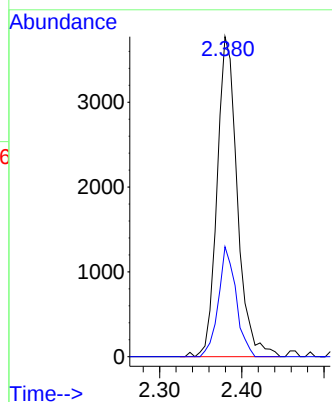
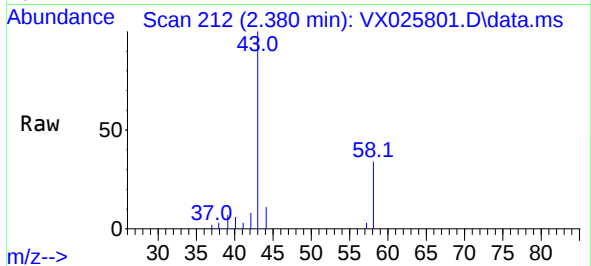




#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025801.D
Acq: 15 Dec 2021 01:31

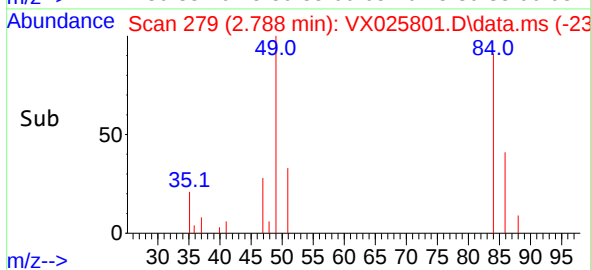
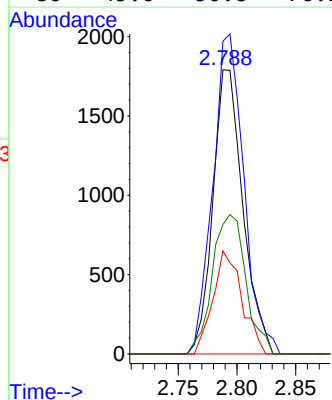
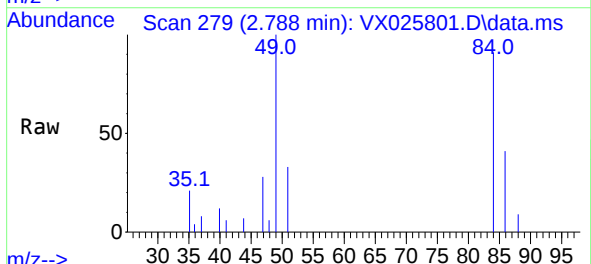
Instrument :
MSVOA_X
ClientSampleId :
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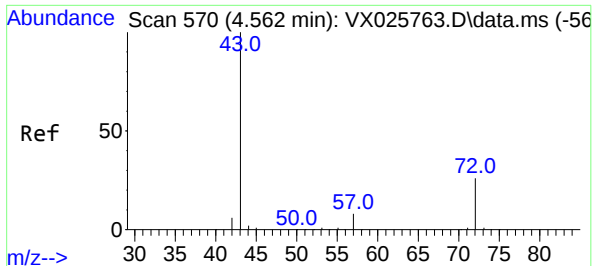
Tgt Ion: 43 Resp: 6449
Ion Ratio Lower Upper
43 100
58 34.3 24.8 37.2



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX025801.D
Acq: 15 Dec 2021 01:31

Tgt Ion: 84 Resp: 3183
Ion Ratio Lower Upper
84 100
49 110.1 97.1 145.7
51 36.2 29.3 43.9
86 45.6 50.8 76.2

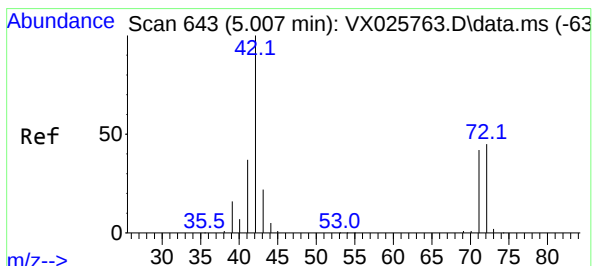
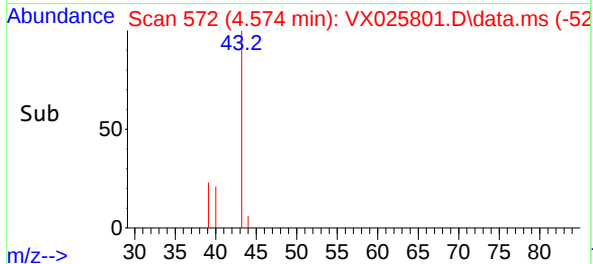
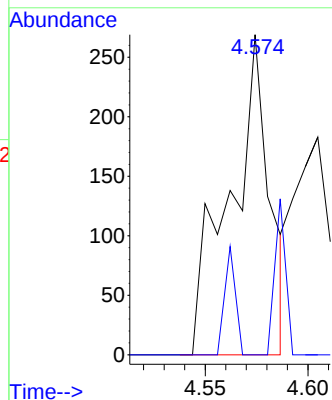
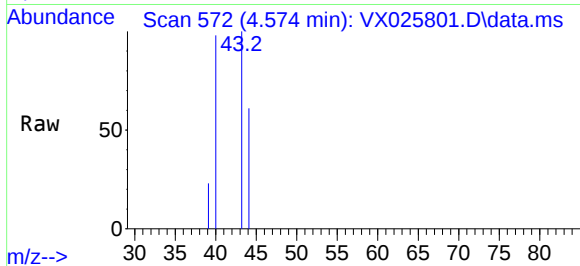




#25
2-Butanone
Concen: 0.252 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX025801.D
Acq: 15 Dec 2021 01:31

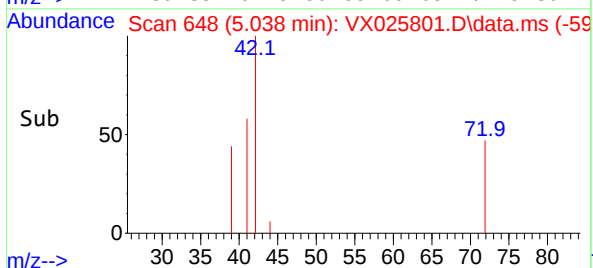
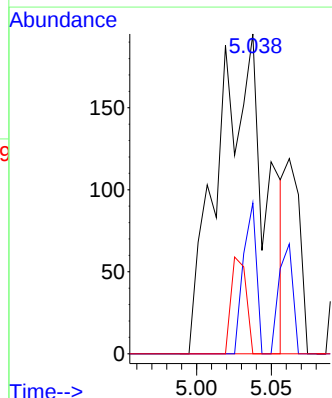
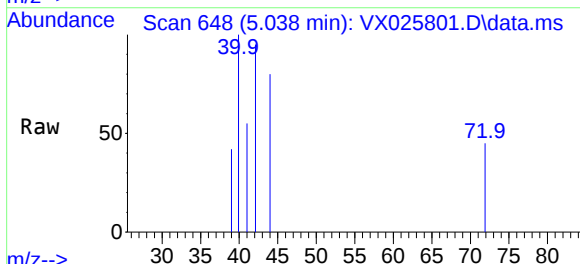
Instrument :
MSVOA_X
ClientSampleId :
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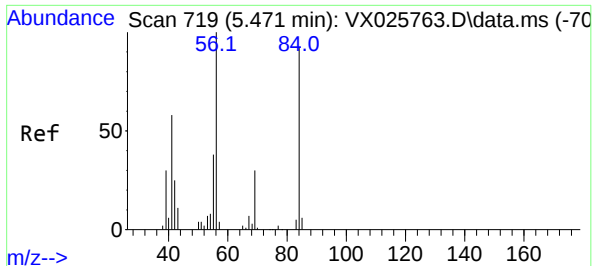
Tgt Ion: 43 Resp: 362
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.4#



#29
Tetrahydrofuran
Concen: 0.479 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.030 min
Lab File: VX025801.D
Acq: 15 Dec 2021 01:31

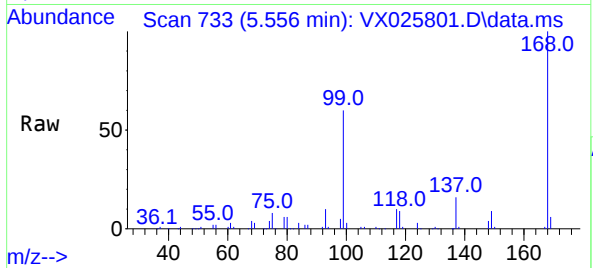
Tgt Ion: 42 Resp: 438
Ion Ratio Lower Upper
42 100
72 12.8 37.0 55.6#
71 9.4 34.1 51.1#



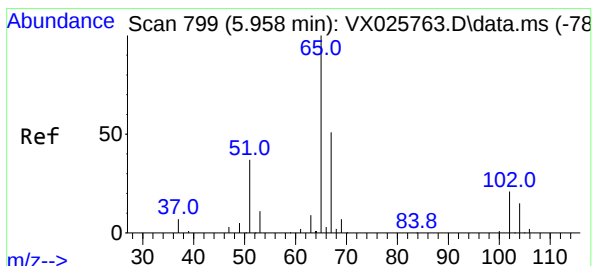
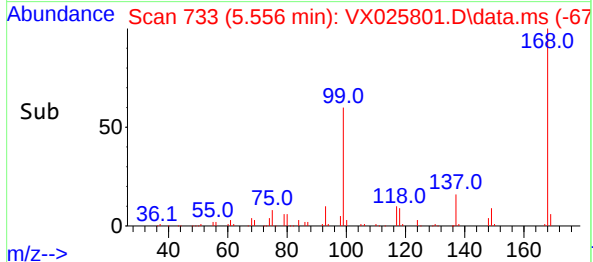
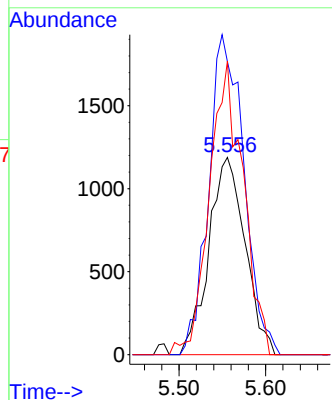


#31
Cyclohexane
Concen: 1.331 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX025801.D
Acq: 15 Dec 2021 01:31

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ClientSampleId :
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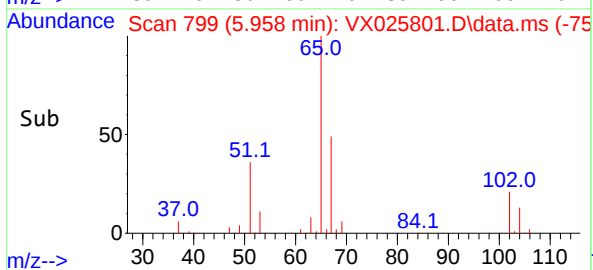
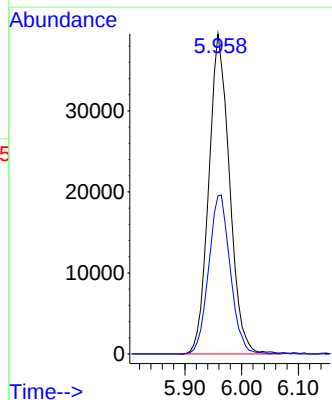
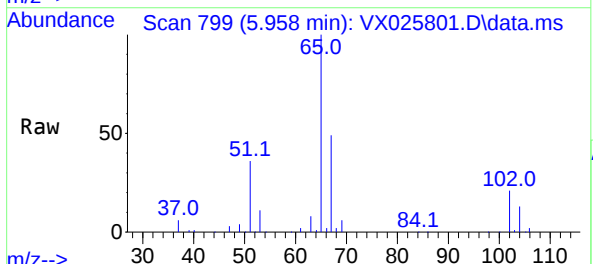


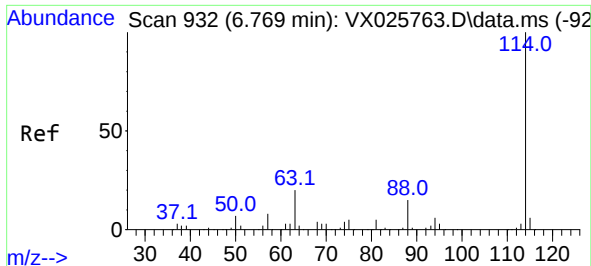
Tgt Ion: 56 Resp: 3461
Ion Ratio Lower Upper
56 100
69 148.5 23.9 35.9#
84 148.7 73.2 109.8#



#33
1,2-Dichloroethane-d4
Concen: 46.988 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX025801.D
Acq: 15 Dec 2021 01:31

Tgt Ion: 65 Resp: 100455
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.4

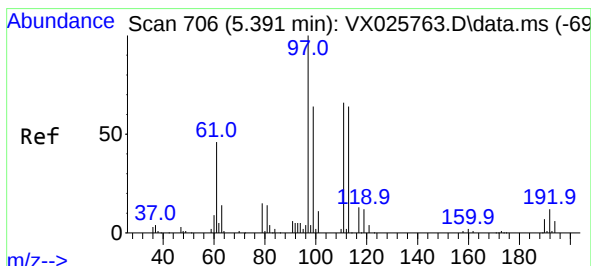
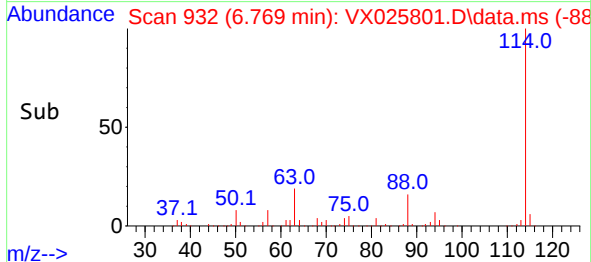
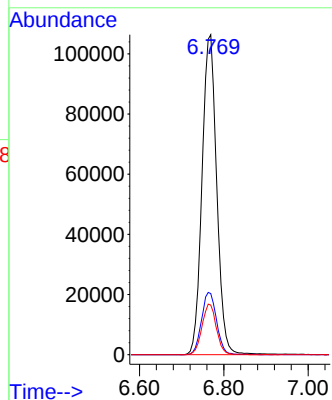
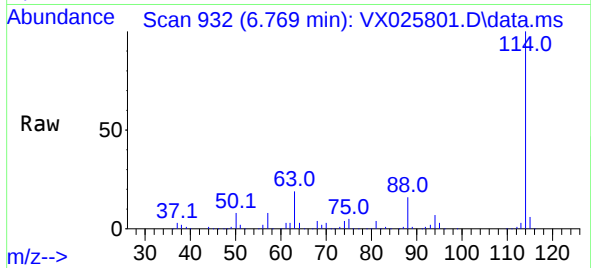




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX025801.D
Acq: 15 Dec 2021 01:31

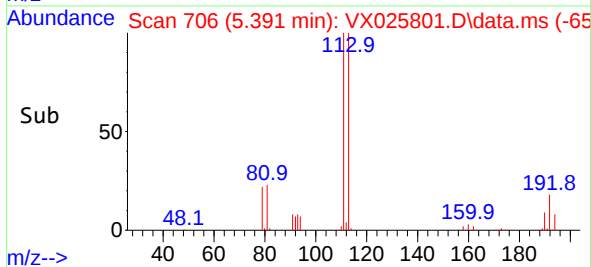
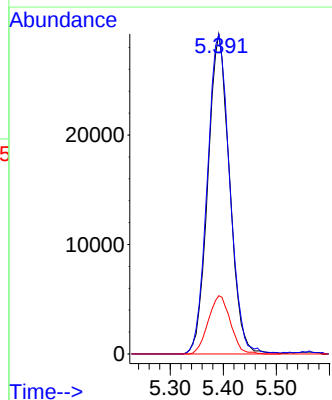
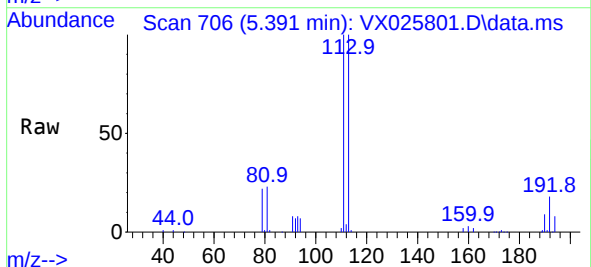
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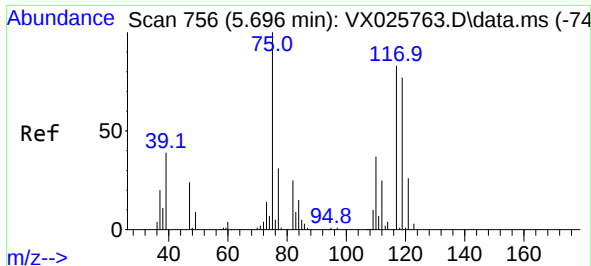
Tgt Ion:114 Resp: 258136
Ion Ratio Lower Upper
114 100
63 19.1 0.0 40.0
88 15.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 46.015 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX025801.D
Acq: 15 Dec 2021 01:31

Tgt Ion:113 Resp: 82839
Ion Ratio Lower Upper
113 100
111 103.0 81.8 122.8
192 18.6 15.0 22.4

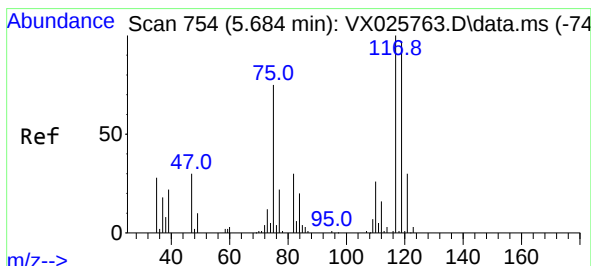
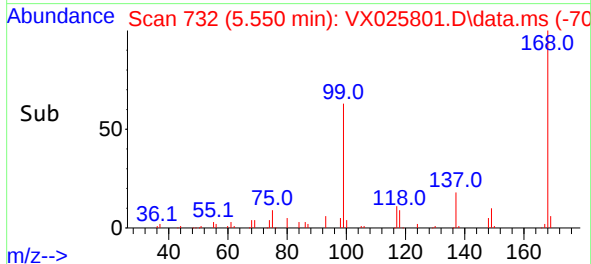
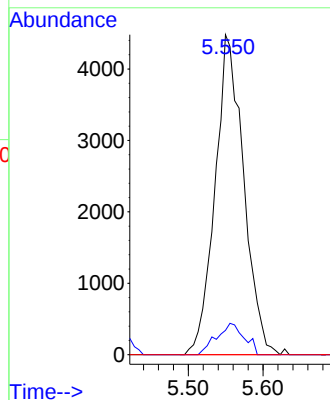
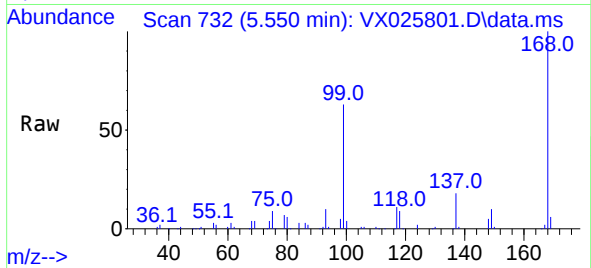




#36
1,1-Dichloropropene
Concen: 4.878 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.147 min
Lab File: VX025801.D
Acq: 15 Dec 2021 01:31

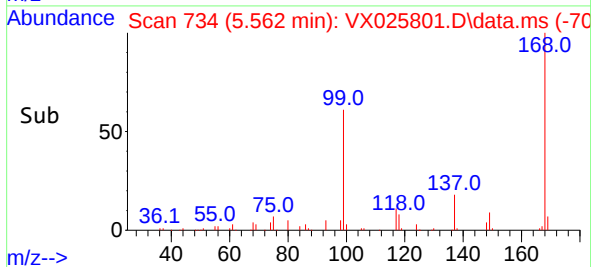
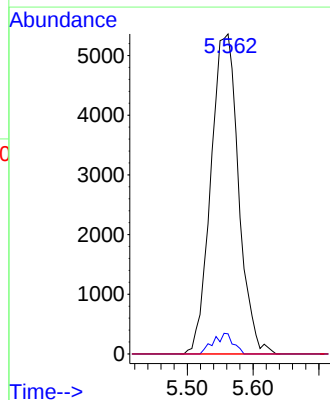
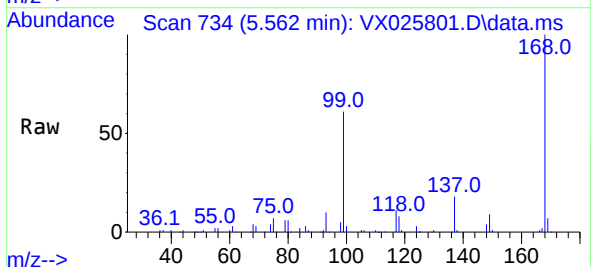
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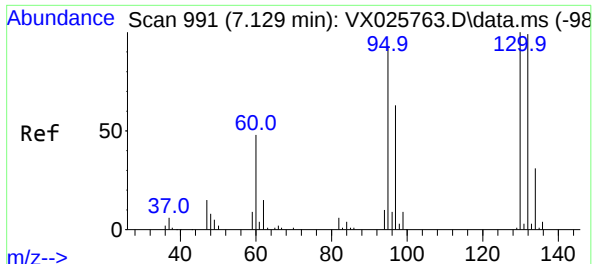
Tgt Ion: 75 Resp: 11909
Ion Ratio Lower Upper
75 100
110 9.5 18.2 54.6#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.534 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX025801.D
Acq: 15 Dec 2021 01:31

Tgt Ion: 117 Resp: 15720
Ion Ratio Lower Upper
117 100
119 6.3 77.2 115.8#
121 0.0 23.8 35.8#

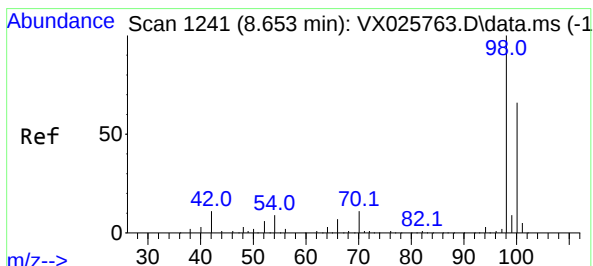
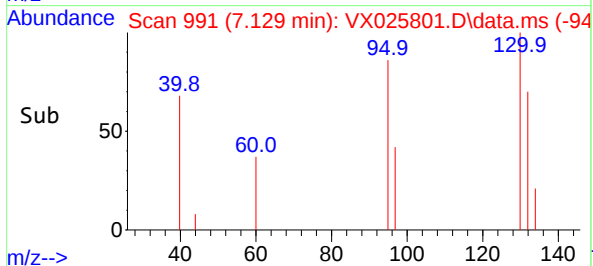
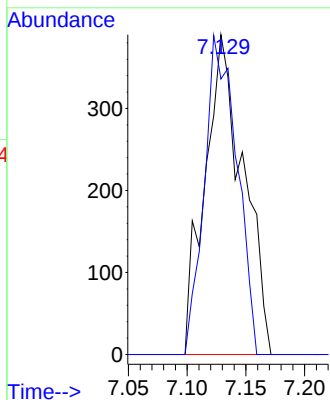
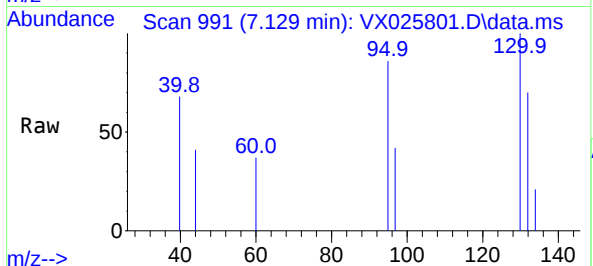




#44
Trichloroethene
Concen: 0.437 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX025801.D
Acq: 15 Dec 2021 01:31

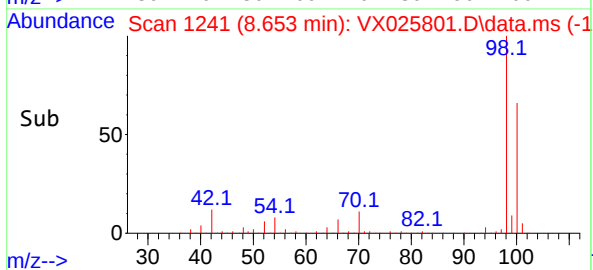
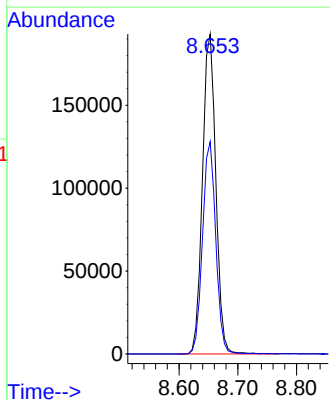
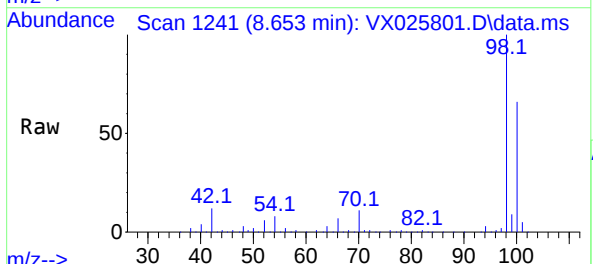
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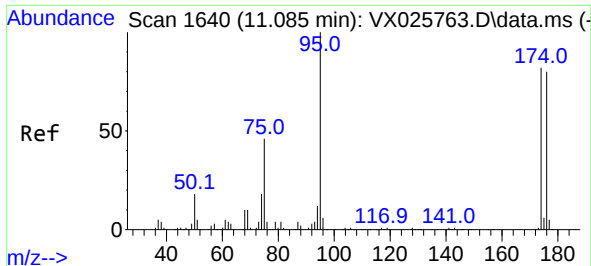
Tgt Ion:130 Resp: 887
Ion Ratio Lower Upper
130 100
95 86.2 0.0 186.4



#50
Toluene-d8
Concen: 46.415 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025801.D
Acq: 15 Dec 2021 01:31

Tgt Ion: 98 Resp: 304448
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8

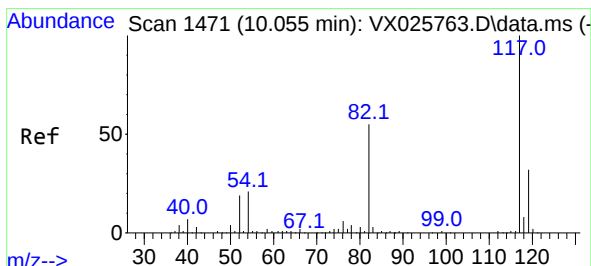
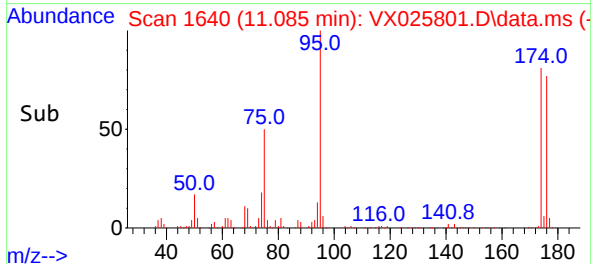
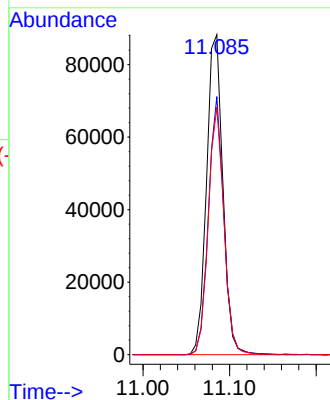
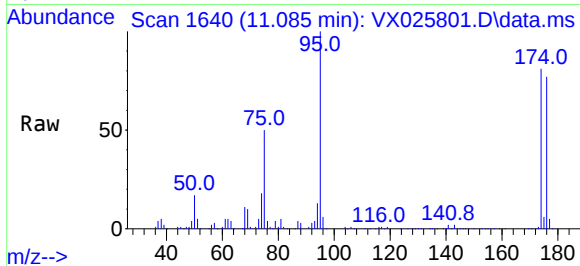




#62
4-Bromofluorobenzene
Concen: 46.421 ug/l
RT: 11.085 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025801.D
Acq: 15 Dec 2021 01:31

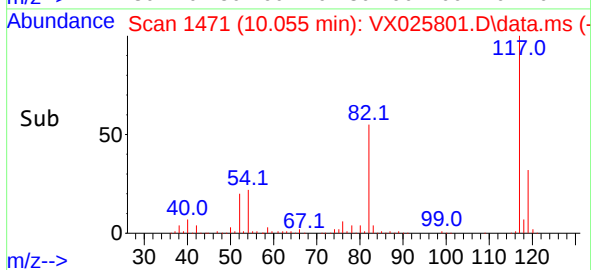
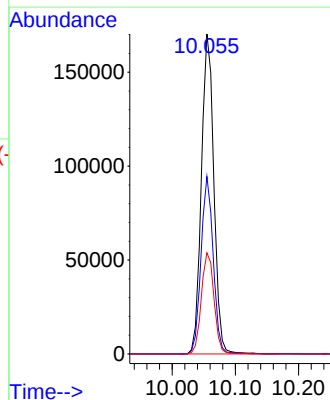
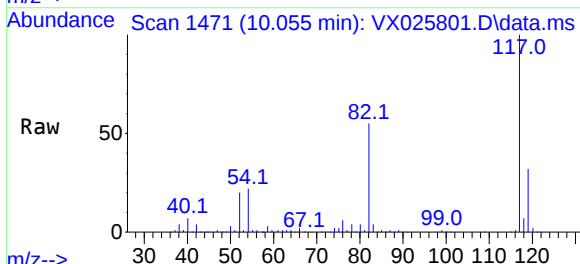
Instrument :
MSVOA_X
ClientSampleId :
FB02-20211207

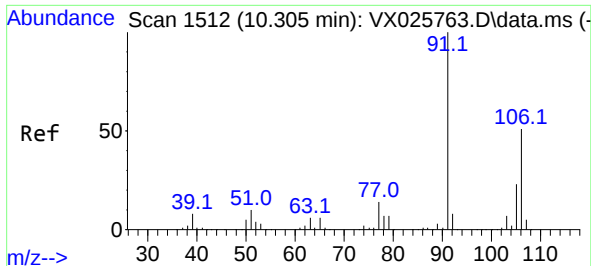
Tgt Ion: 95 Resp: 115665
Ion Ratio Lower Upper
95 100
174 76.1 0.0 157.4
176 74.0 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025801.D
Acq: 15 Dec 2021 01:31

Tgt Ion: 117 Resp: 234218
Ion Ratio Lower Upper
117 100
82 55.5 43.8 65.6
119 31.6 25.2 37.8

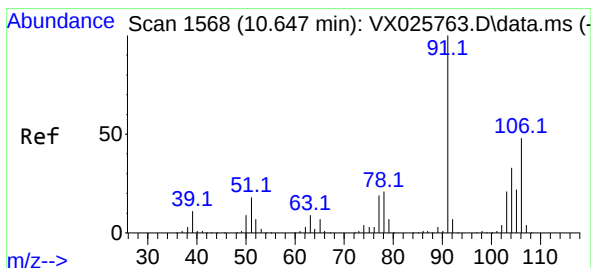
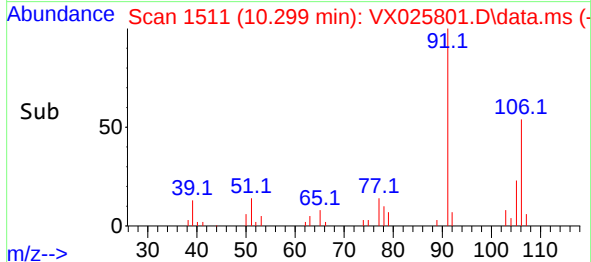
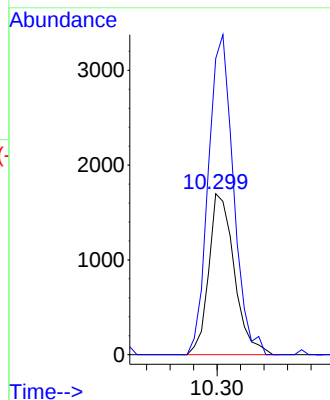
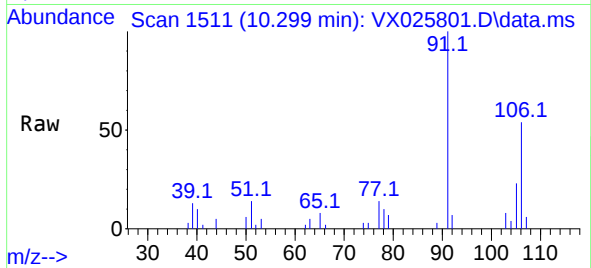




#68
m/p-Xylenes
Concen: 0.797 ug/l
RT: 10.299 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX025801.D
Acq: 15 Dec 2021 01:31

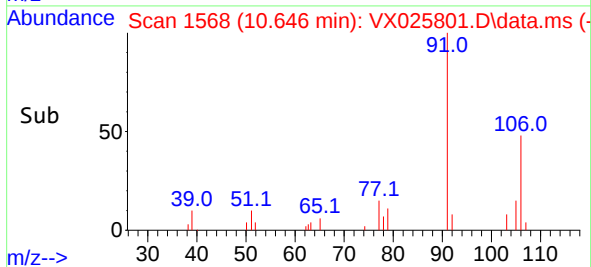
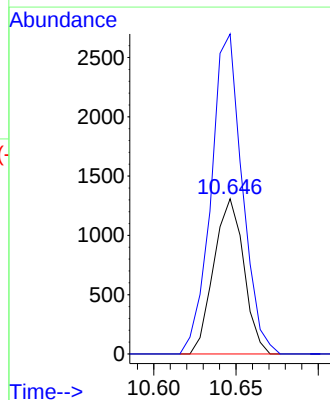
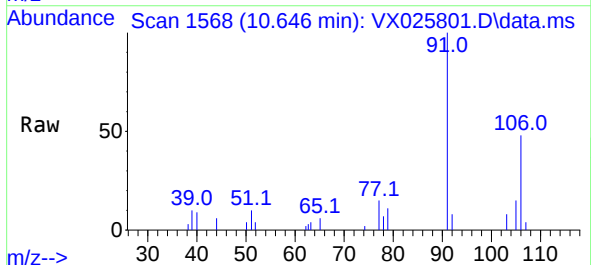
Instrument :
MSVOA_X
ClientSampleId :
FB02-20211207

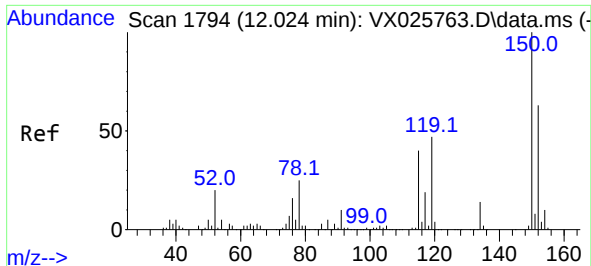
Tgt Ion:106 Resp: 2560
Ion Ratio Lower Upper
106 100
91 196.0 158.6 238.0



#69
o-Xylene
Concen: 0.526 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX025801.D
Acq: 15 Dec 2021 01:31

Tgt Ion:106 Resp: 1662
Ion Ratio Lower Upper
106 100
91 214.5 105.5 316.4

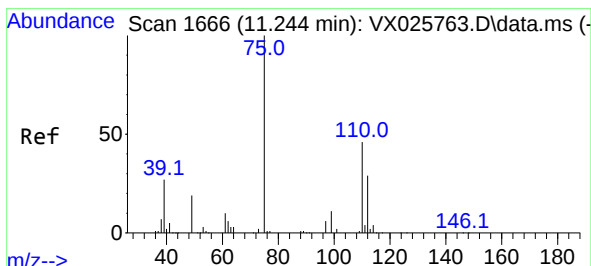
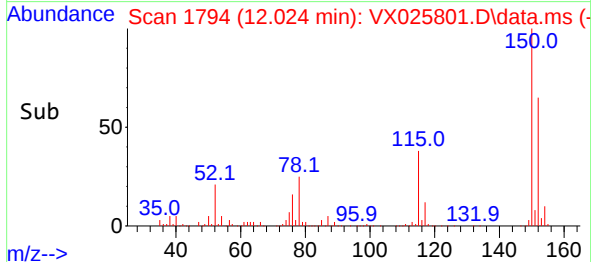
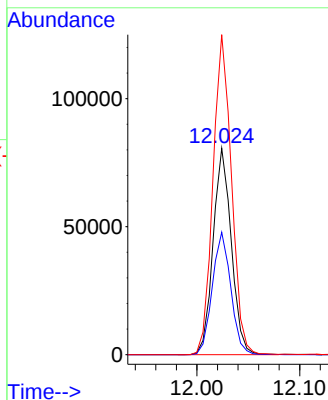
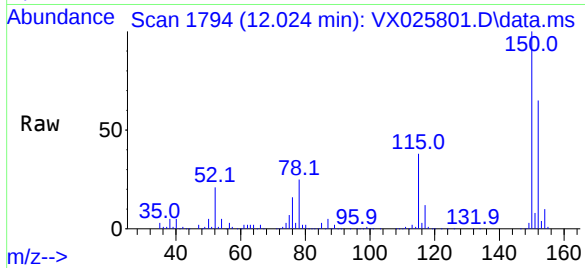




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025801.D
Acq: 15 Dec 2021 01:31

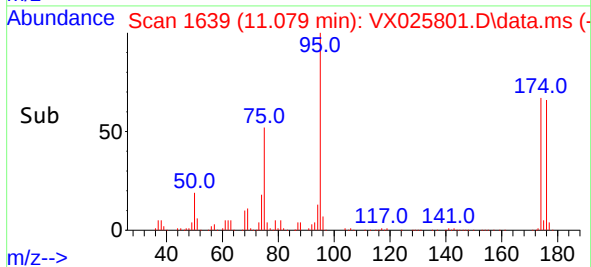
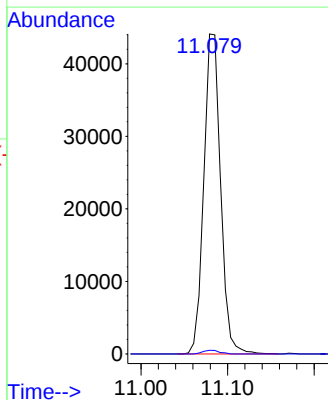
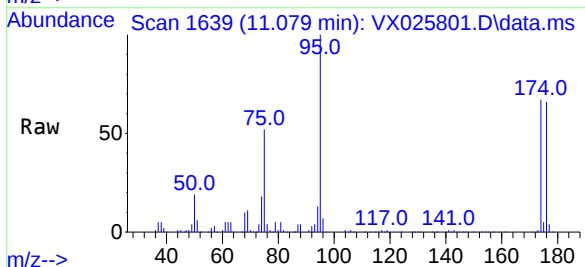
Instrument :
MSVOA_X
ClientSampleId :
FB02-20211207

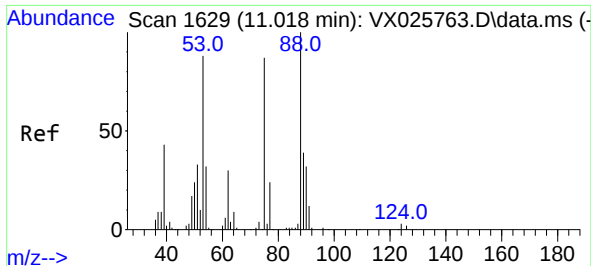
Tgt Ion:152 Resp: 98913
Ion Ratio Lower Upper
152 100
115 60.4 41.3 123.9
150 157.6 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 26.210 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX025801.D
Acq: 15 Dec 2021 01:31

Tgt Ion: 75 Resp: 59400
Ion Ratio Lower Upper
75 100
77 1.1 19.0 57.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 81.260 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX025801.D
Acq: 15 Dec 2021 01:31

Instrument :
MSVOA_X
ClientSampleId :
FB02-20211207

Tgt Ion: 75 Resp: 59400
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 38.3 57.5#

