

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080924\
 Data File : VX042996.D
 Acq On : 09 Aug 2024 15:03
 Operator : JC/MD
 Sample : P3458-07RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-02

Quant Time: Aug 09 16:28:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:55:22 2024
 Response via : Initial Calibration

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

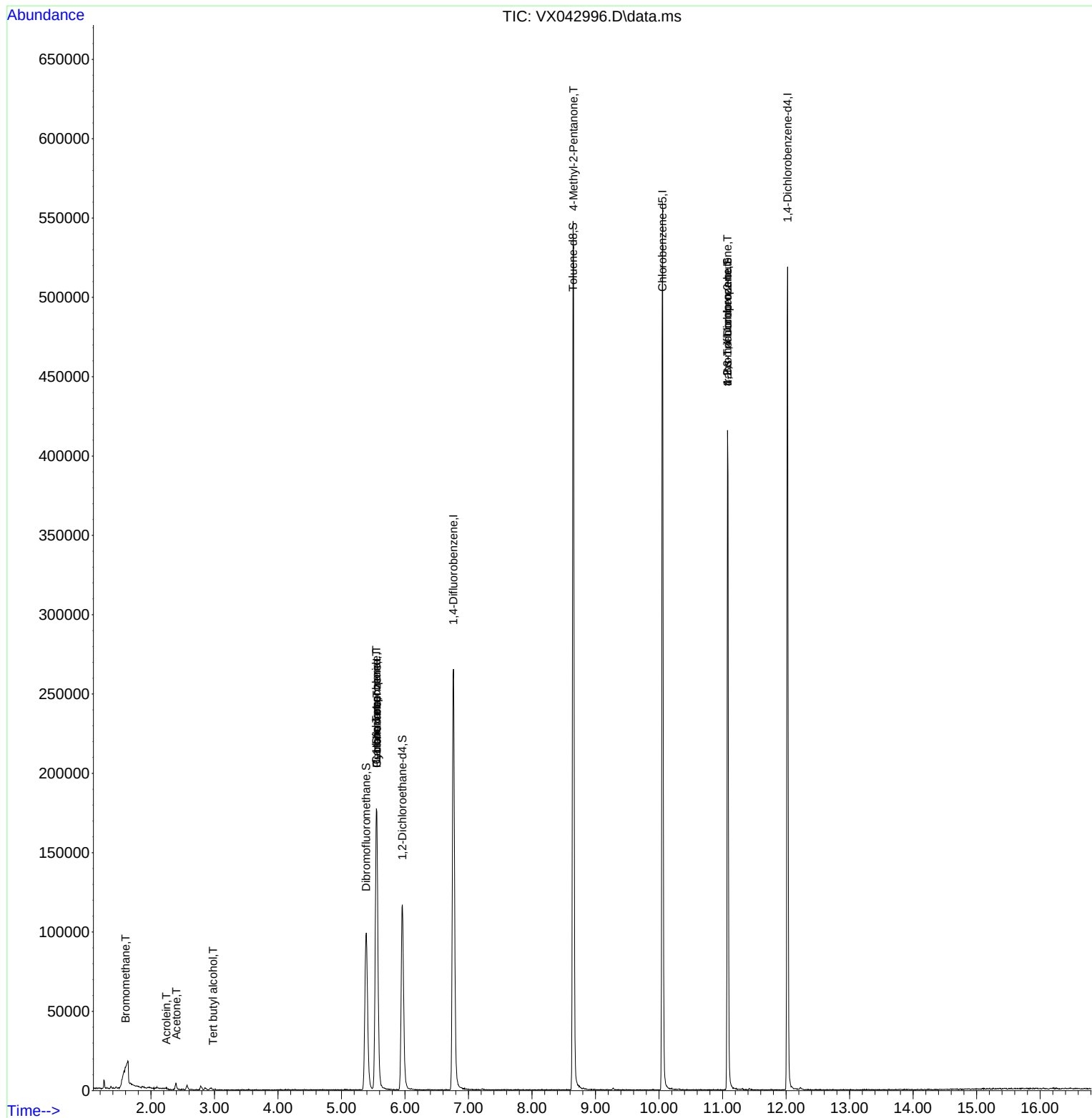
Internal Standards						
1) Pentafluorobenzene	5.556	168	167651	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	274085	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	248720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111092	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	118969	51.692	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.380%	
35) Dibromofluoromethane	5.385	113	91355	50.977	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.960%	
50) Toluene-d8	8.647	98	338190	53.158	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.320%	
62) 4-Bromofluorobenzene	11.079	95	113387	49.597	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.200%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	669	0.592	ug/l	# 58
11) Tert butyl alcohol	2.977	59	268	0.585	ug/l	# 78
13) Acrolein	2.239	56	91	0.202	ug/l	# 20
16) Acetone	2.398	43	4278	4.285	ug/l	# 79
20) Methylene Chloride	2.788	84	1237	Below Cal	#	61
31) Cyclohexane	5.556	56	3736	1.297	ug/l	# 15
36) 1,1-Dichloropropene	5.550	75	13868	5.708	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	18583	6.775	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.653	43	1322	0.439	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	59301	23.735	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	59301	77.176	ug/l	# 5

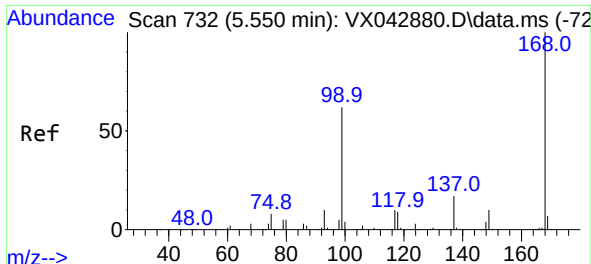
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 07 02:55:22 2024
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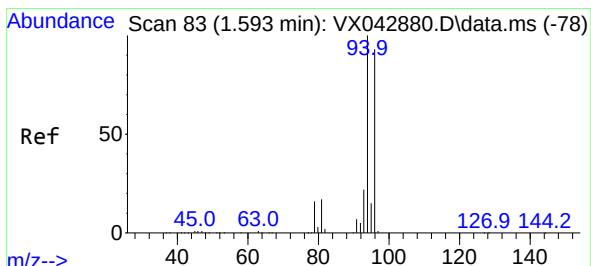
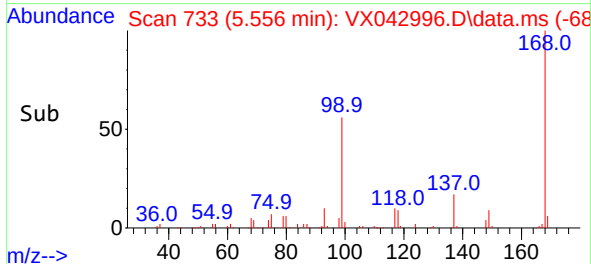
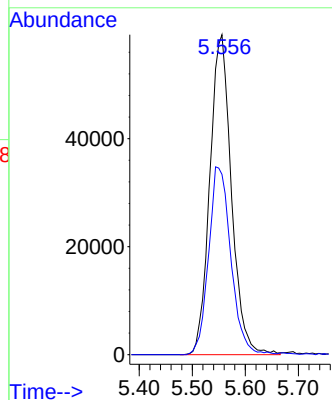
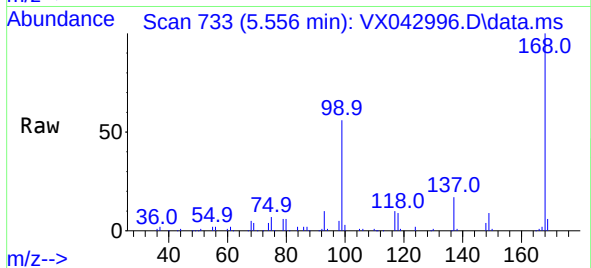




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX042996.D
Acq: 09 Aug 2024 15:03

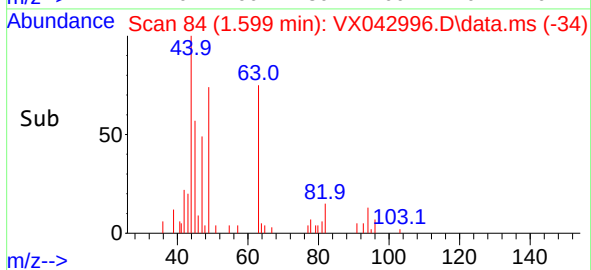
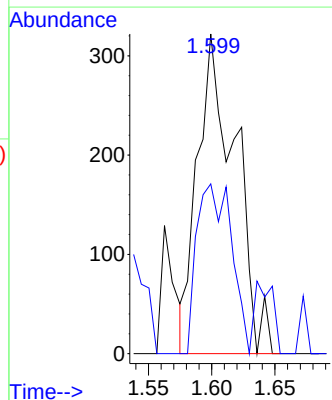
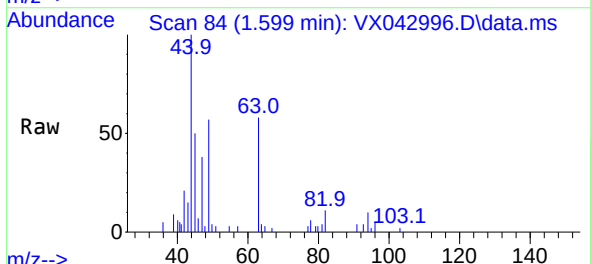
Instrument :
MSVOA_X
ClientSampleId :
TB-02

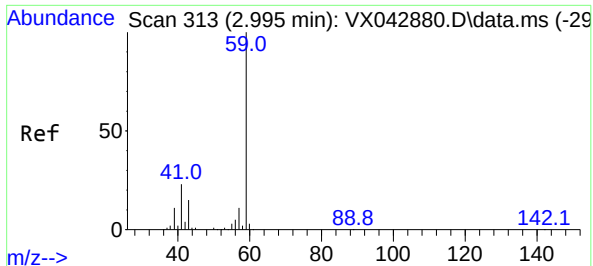
Tgt Ion:168 Resp: 167651
Ion Ratio Lower Upper
168 100
99 56.4 56.6 85.0#



#5
Bromomethane
Concen: 0.592 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX042996.D
Acq: 09 Aug 2024 15:03

Tgt Ion: 94 Resp: 669
Ion Ratio Lower Upper
94 100
96 53.1 74.6 111.8#

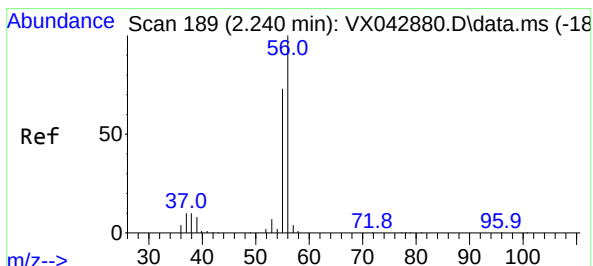
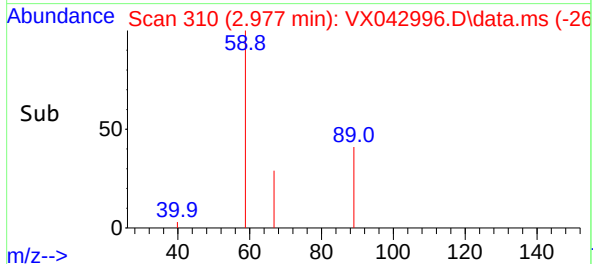
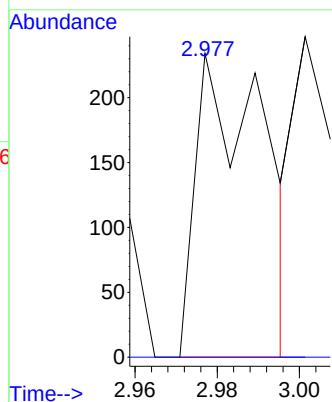
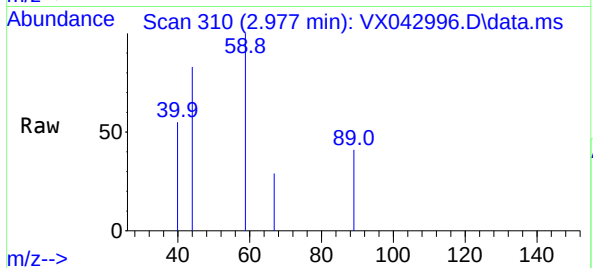




#11
Tert butyl alcohol
Concen: 0.585 ug/l
RT: 2.977 min Scan# 31
Delta R.T. -0.018 min
Lab File: VX042996.D
Acq: 09 Aug 2024 15:03

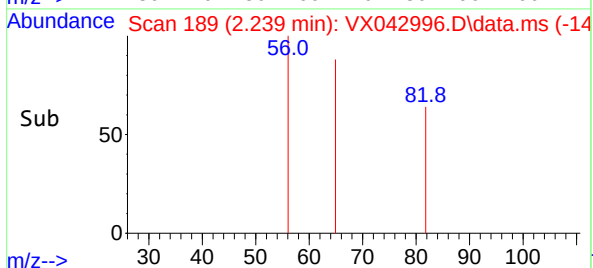
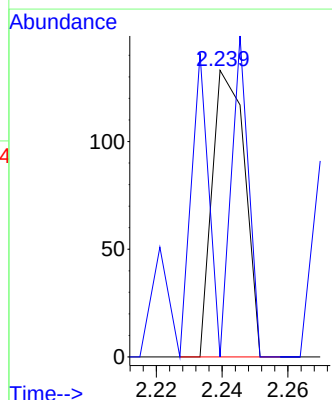
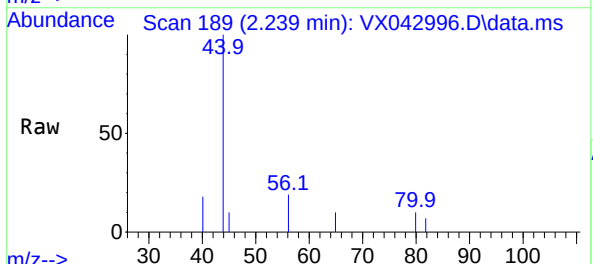
Instrument :
MSVOA_X
ClientSampleId :
TB-02

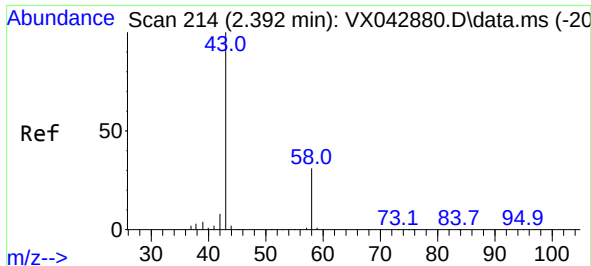
Tgt Ion: 59 Resp: 268
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#13
Acrolein
Concen: 0.202 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX042996.D
Acq: 09 Aug 2024 15:03

Tgt Ion: 56 Resp: 91
Ion Ratio Lower Upper
56 100
55 137.4 57.1 85.7#

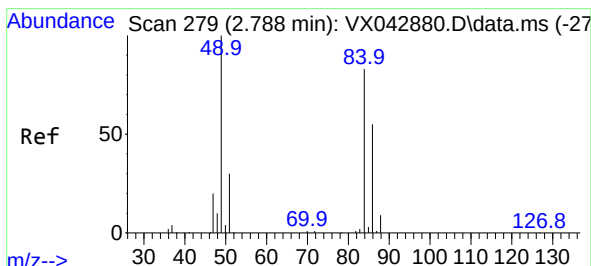
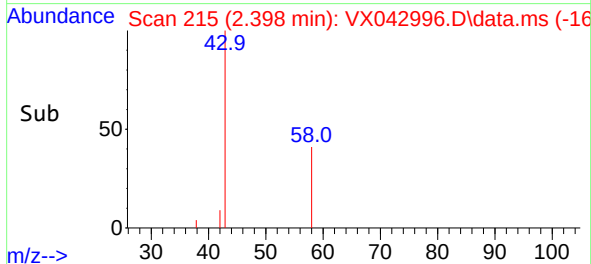
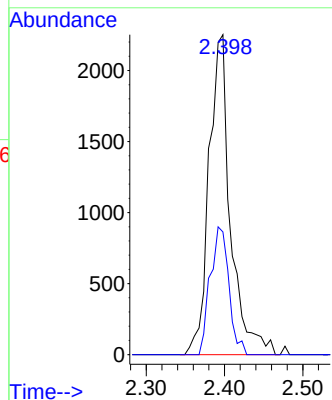
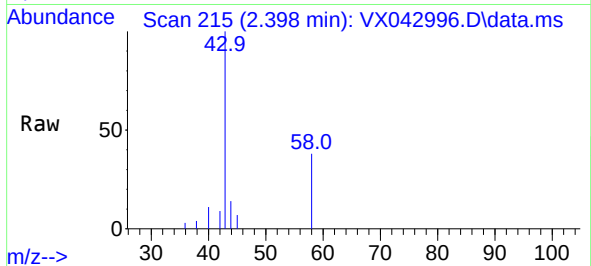




#16
Acetone
Concen: 4.285 ug/l
RT: 2.398 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX042996.D
Acq: 09 Aug 2024 15:03

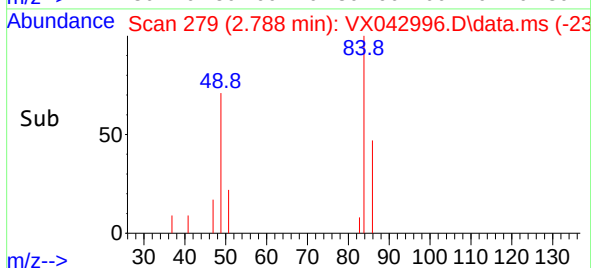
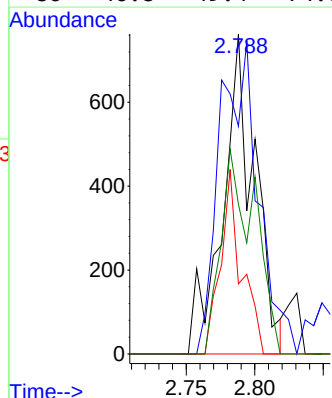
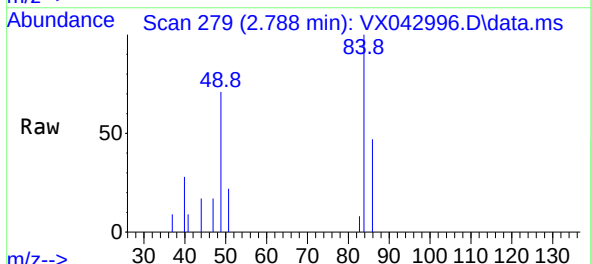
Instrument :
MSVOA_X
ClientSampleId :
TB-02

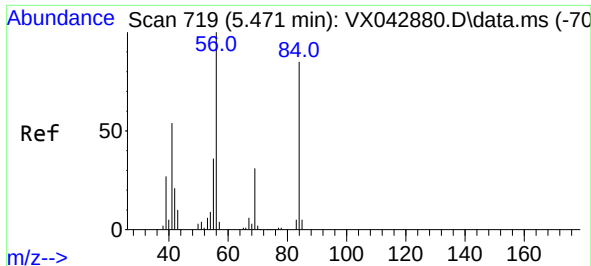
Tgt Ion: 43 Resp: 4278
Ion Ratio Lower Upper
43 100
58 38.3 21.9 32.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX042996.D
Acq: 09 Aug 2024 15:03

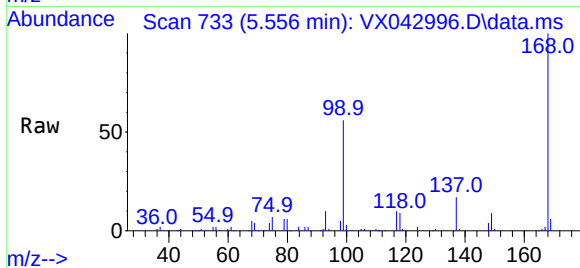
Tgt Ion: 84 Resp: 1237
Ion Ratio Lower Upper
84 100
49 71.2 103.6 155.4#
51 21.9 33.8 50.6#
86 46.8 49.4 74.0#



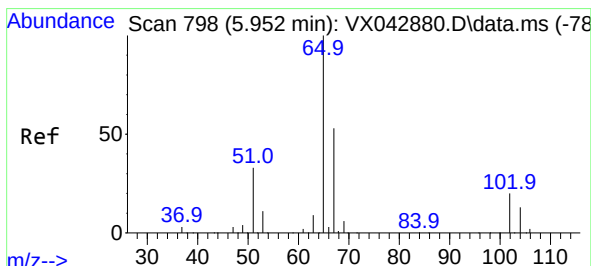
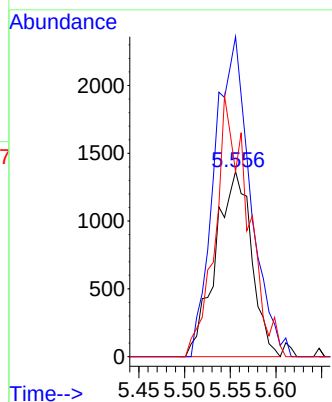
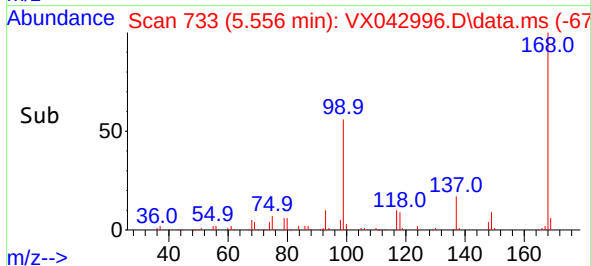


#31
Cyclohexane
Concen: 1.297 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX042996.D
Acq: 09 Aug 2024 15:03

Instrument :
MSVOA_X
ClientSampleId :
TB-02

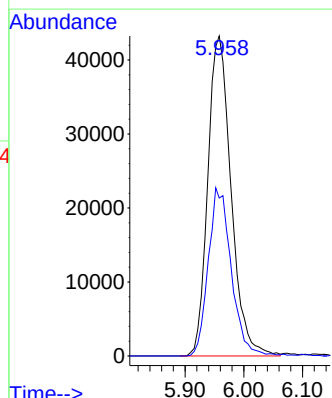
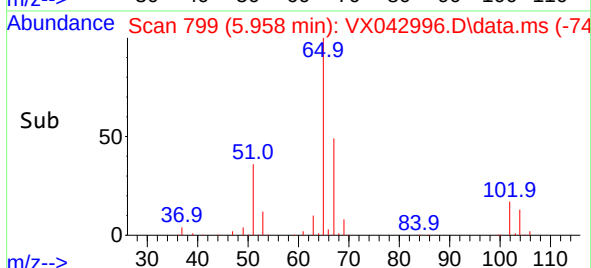
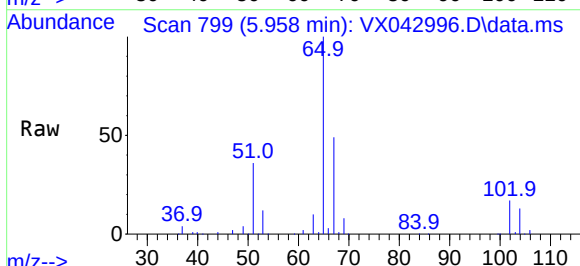


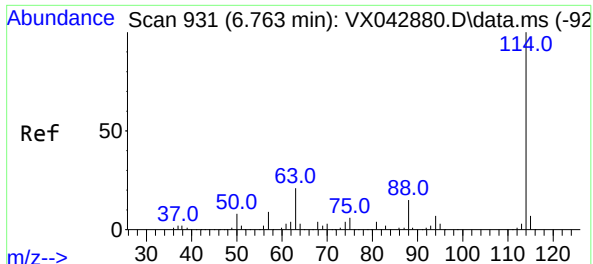
Tgt Ion: 56 Resp: 3736
Ion Ratio Lower Upper
56 100
69 172.8 23.4 35.2#
84 99.9 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 51.692 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX042996.D
Acq: 09 Aug 2024 15:03

Tgt Ion: 65 Resp: 118969
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.2

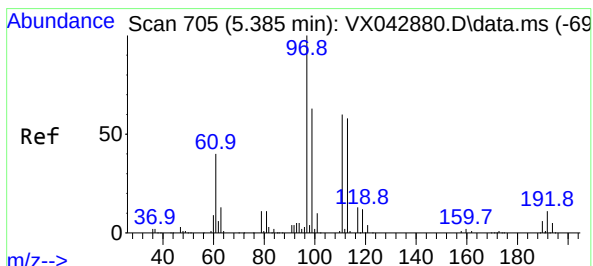
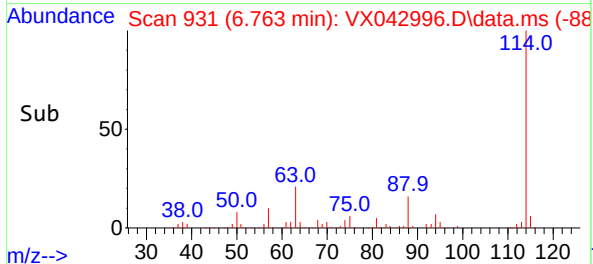
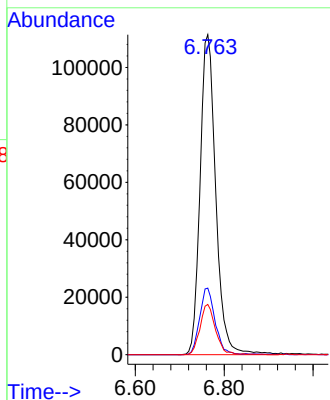
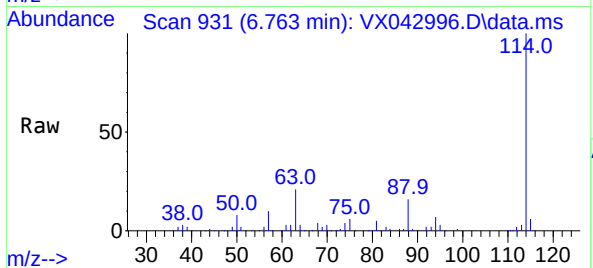




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX042996.D
Acq: 09 Aug 2024 15:03

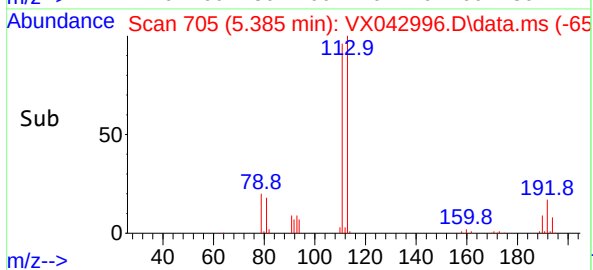
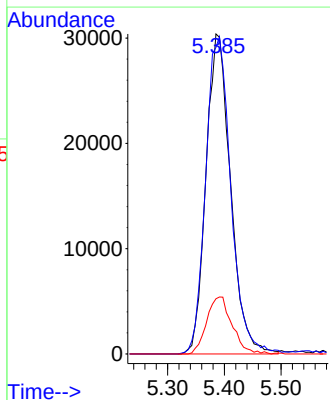
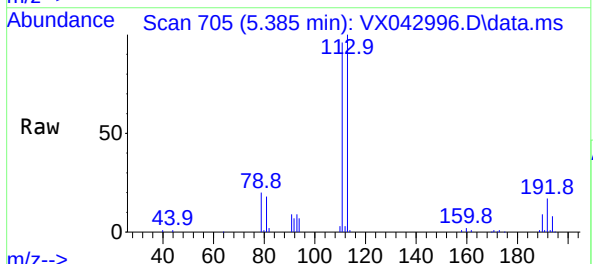
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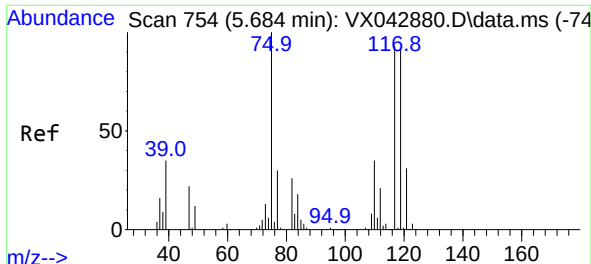
Tgt Ion:114 Resp: 274085
Ion Ratio Lower Upper
114 100
63 20.8 0.0 45.0
88 15.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 50.977 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX042996.D
Acq: 09 Aug 2024 15:03

Tgt Ion:113 Resp: 91355
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 18.4 13.3 19.9

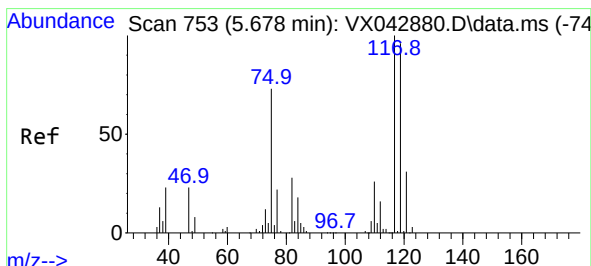
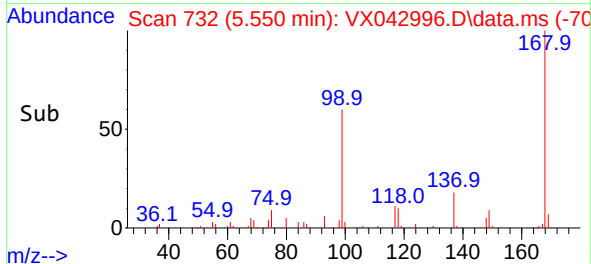
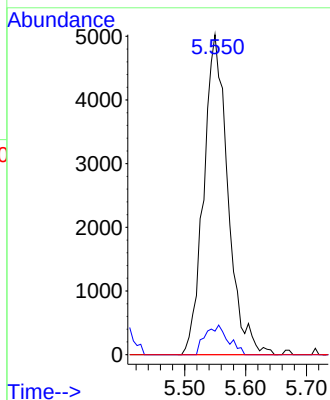
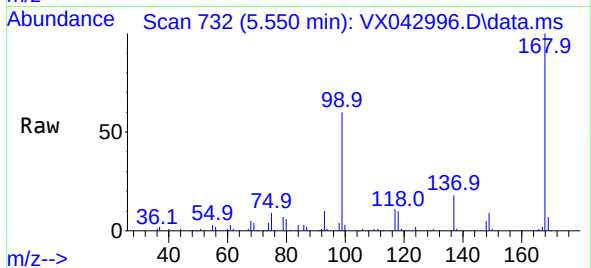




#36
1,1-Dichloropropene
Concen: 5.708 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.134 min
Lab File: VX042996.D
Acq: 09 Aug 2024 15:03

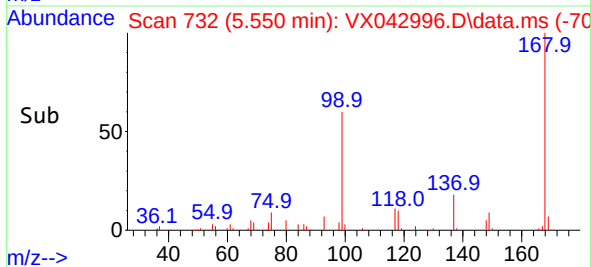
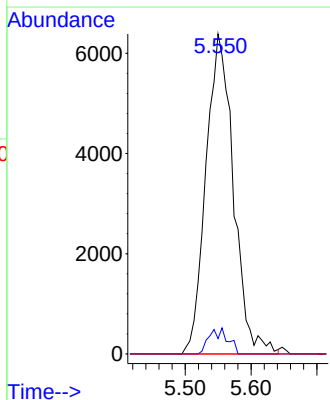
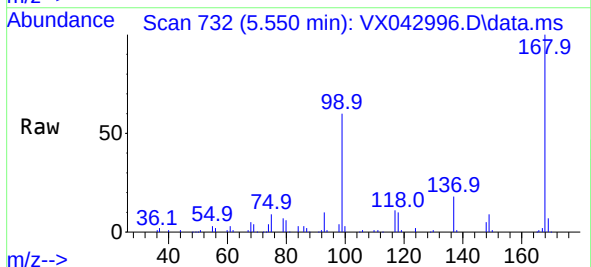
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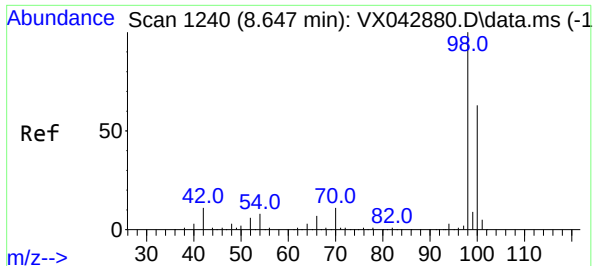
Tgt Ion: 75 Resp: 13868
Ion Ratio Lower Upper
75 100
110 8.7 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.775 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX042996.D
Acq: 09 Aug 2024 15:03

Tgt Ion: 117 Resp: 18583
Ion Ratio Lower Upper
117 100
119 4.8 78.2 117.2#
121 0.0 24.4 36.6#

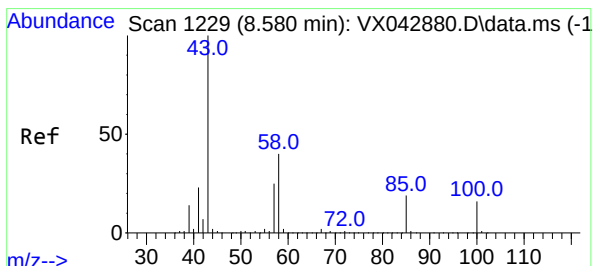
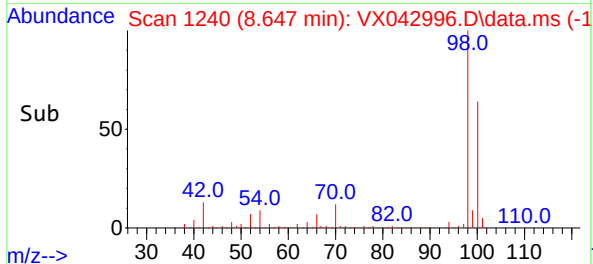
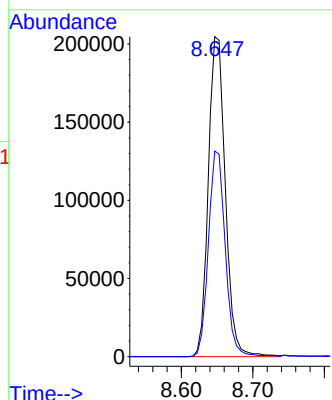
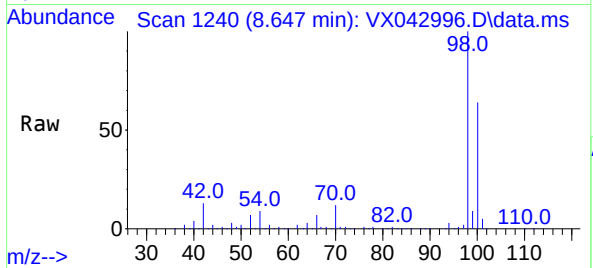




#50
Toluene-d8
Concen: 53.158 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042996.D
Acq: 09 Aug 2024 15:03

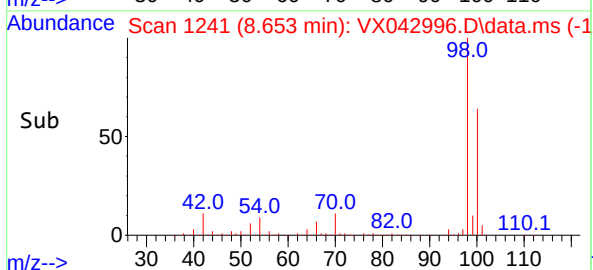
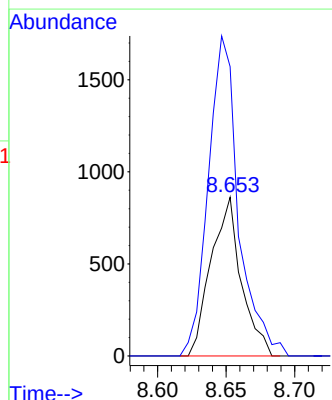
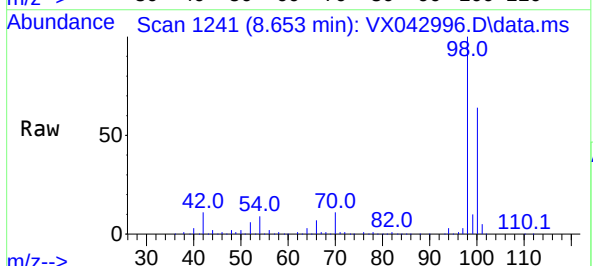
Instrument :
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TB-02

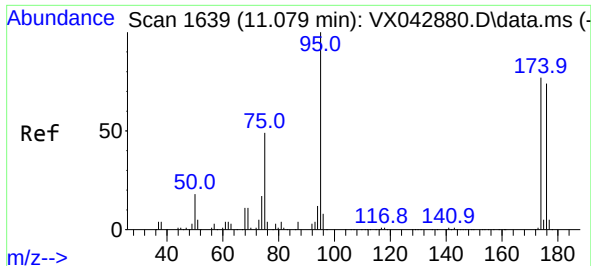
Tgt Ion: 98 Resp: 338190
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.439 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX042996.D
Acq: 09 Aug 2024 15:03

Tgt Ion: 43 Resp: 1322
Ion Ratio Lower Upper
43 100
58 202.0 30.4 45.6#

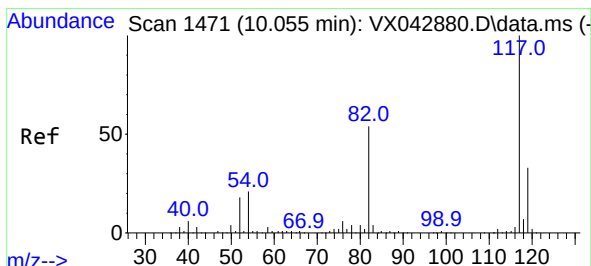
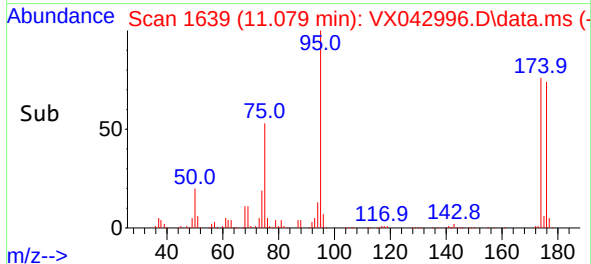
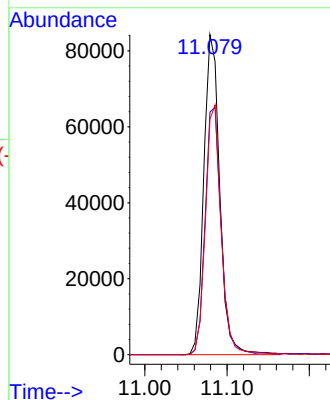
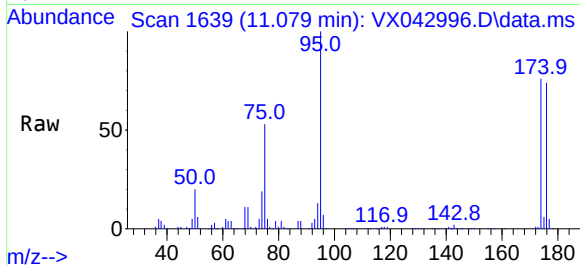




#62
4-Bromofluorobenzene
Concen: 49.597 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042996.D
Acq: 09 Aug 2024 15:03

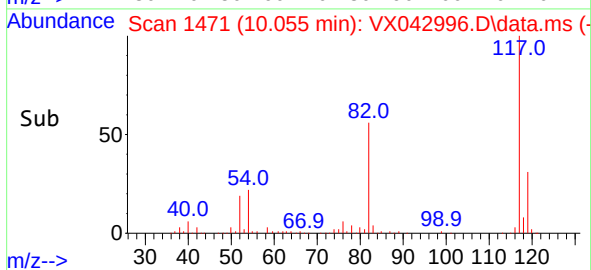
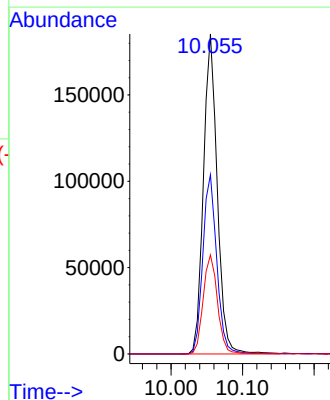
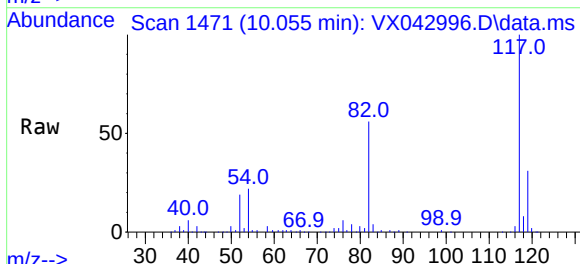
Instrument :
MSVOA_X
ClientSampleId :
TB-02

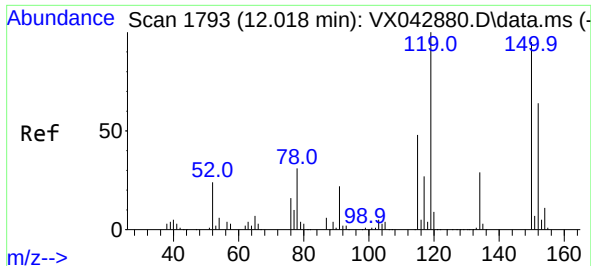
Tgt Ion: 95 Resp: 113387
Ion Ratio Lower Upper
95 100
174 78.1 0.0 135.6
176 76.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042996.D
Acq: 09 Aug 2024 15:03

Tgt Ion: 117 Resp: 248720
Ion Ratio Lower Upper
117 100
82 56.0 46.2 69.4
119 31.0 25.5 38.3

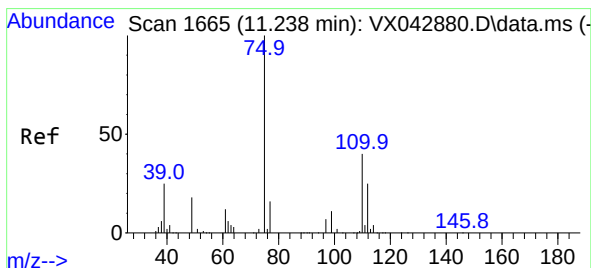
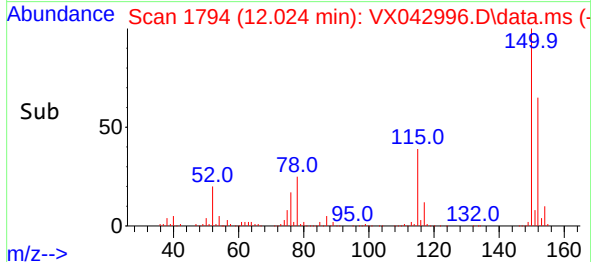
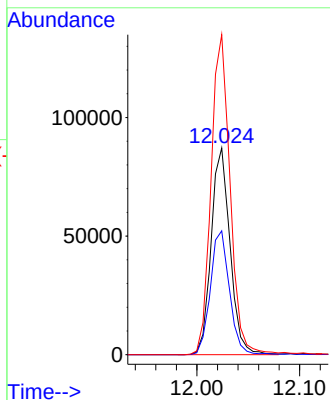
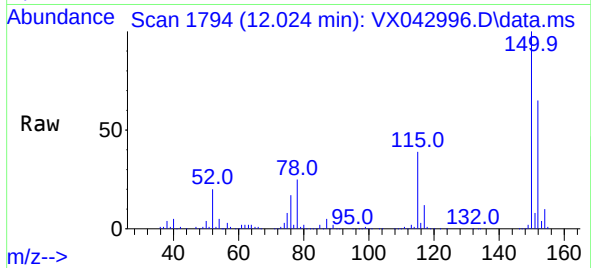




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX042996.D
Acq: 09 Aug 2024 15:03

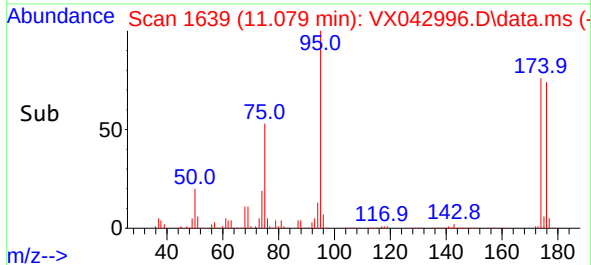
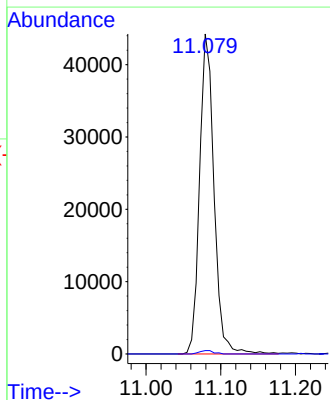
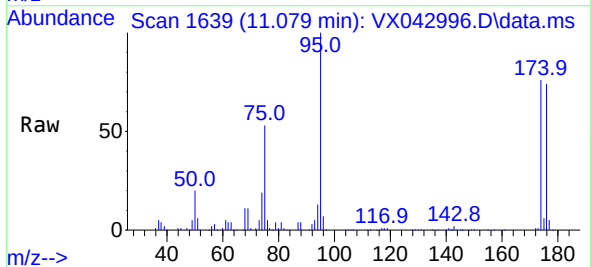
Instrument :
MSVOA_X
ClientSampleId :
TB-02

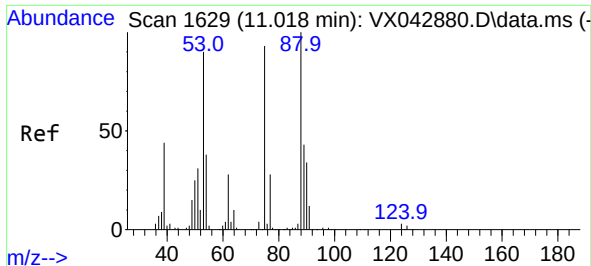
Tgt Ion:152 Resp: 111092
Ion Ratio Lower Upper
152 100
115 60.7 43.3 129.9
150 156.9 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 23.735 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX042996.D
Acq: 09 Aug 2024 15:03

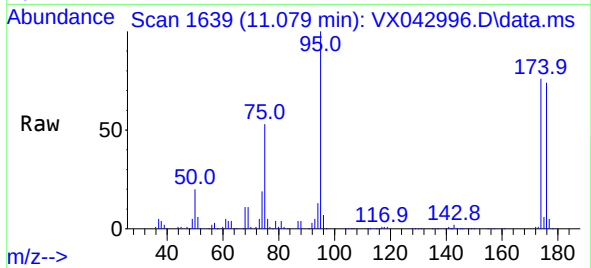
Tgt Ion: 75 Resp: 59301
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 77.176 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX042996.D
Acq: 09 Aug 2024 15:03

Instrument :
MSVOA_X
ClientSampleId :
TB-02



Tgt Ion: 75 Resp: 59301
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 36.9 55.3#

