

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092524\
 Data File : VX043156.D
 Acq On : 25 Sep 2024 16:21
 Operator : JC/MD
 Sample : P4164-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 26 01:37:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 03:13:52 2024
 Response via : Initial Calibration

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

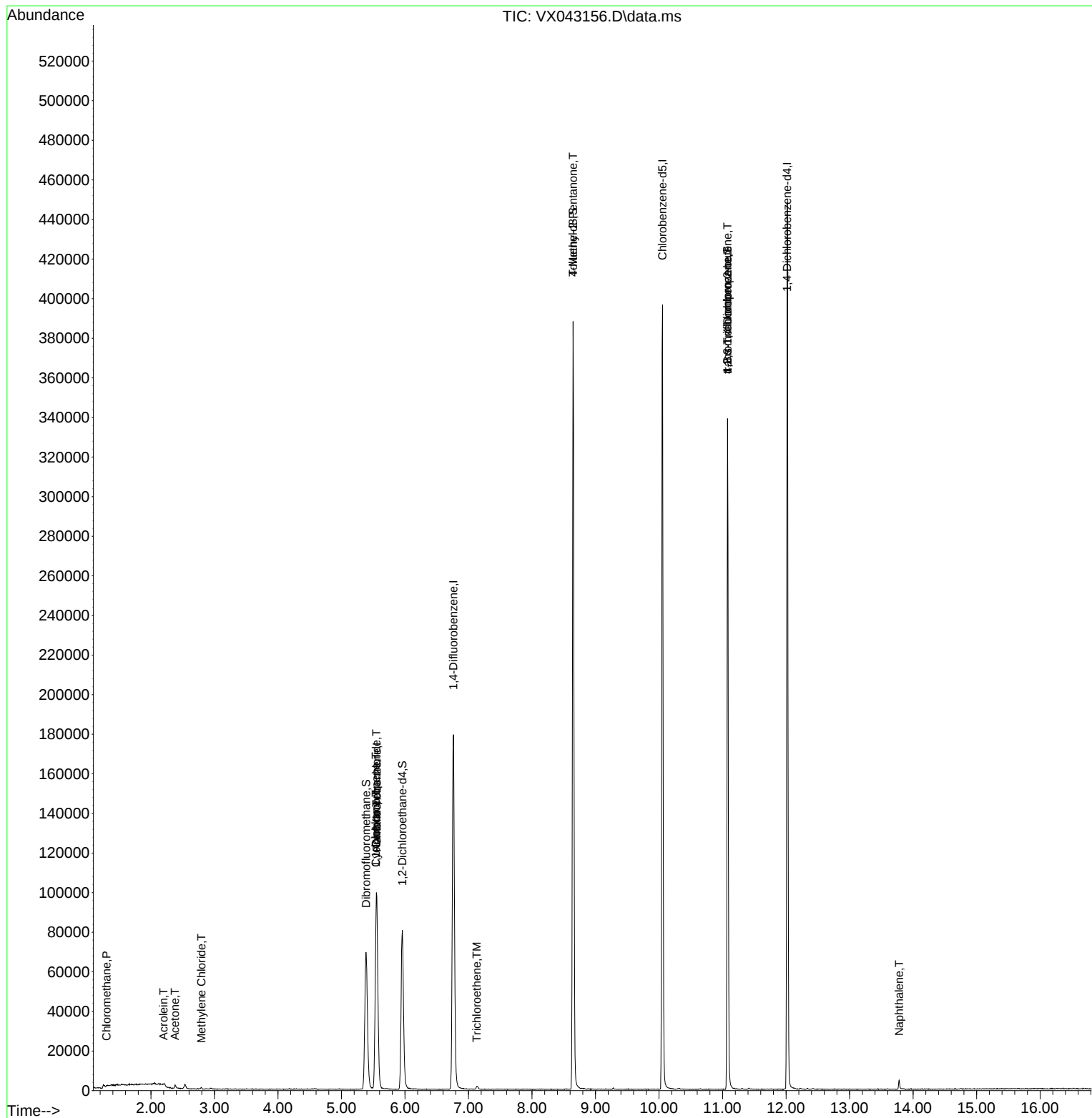
Internal Standards						
1) Pentafluorobenzene	5.556	168	89986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	181505	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	172256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	88412	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81105	54.261	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.520%	
35) Dibromofluoromethane	5.385	113	61488	48.023	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.040%	
50) Toluene-d8	8.647	98	223583	51.614	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.220%	
62) 4-Bromofluorobenzene	11.079	95	90887	52.099	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	331	0.338	ug/l	95
13) Acrolein	2.197	56	93	2.115	ug/l #	52
16) Acetone	2.380	43	1747	2.499	ug/l	99
20) Methylene Chloride	2.794	84	246	0.221	ug/l #	75
31) Cyclohexane	5.544	56	2186	1.487	ug/l #	46
36) 1,1-Dichloropropene	5.544	75	7560	4.805	ug/l #	50
38) Carbon Tetrachloride	5.550	117	9758	4.815	ug/l #	16
44) Trichloroethene	7.129	130	598	0.471	ug/l	91
51) 4-Methyl-2-Pentanone	8.647	43	1178	0.581	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	50249	26.733	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	50249	63.692	ug/l #	7
95) Naphthalene	13.780	128	3574	0.580	ug/l #	95

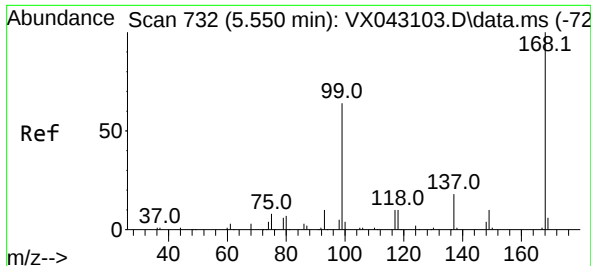
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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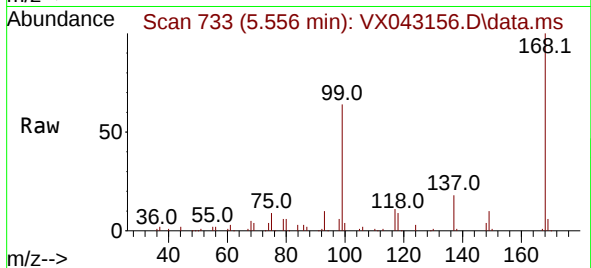
Quant Time: Sep 26 01:37:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
Quant Title : SW846 8260
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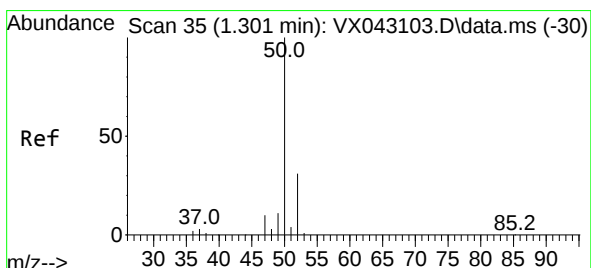
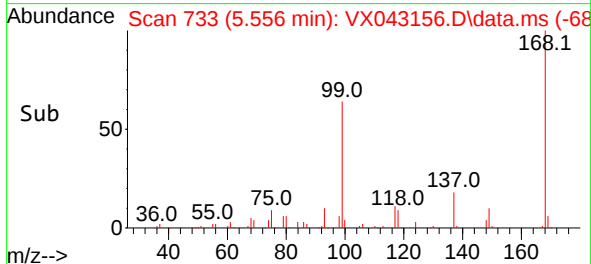
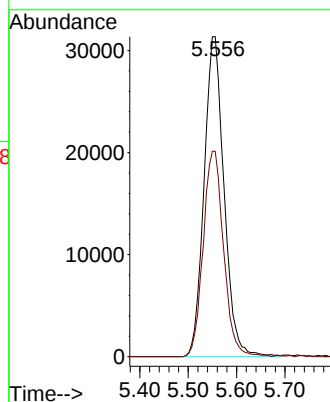


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX043156.D
Acq: 25 Sep 2024 16:21

Instrument :
MSVOA_X
ClientSampleId :

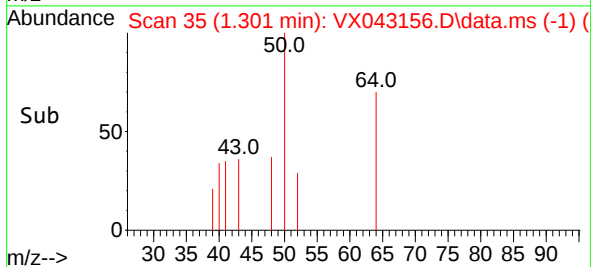
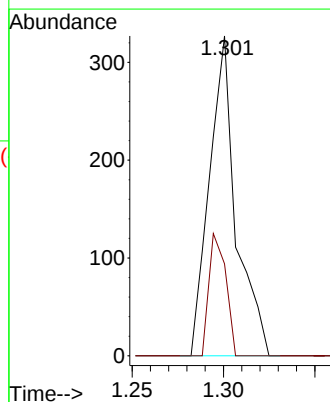
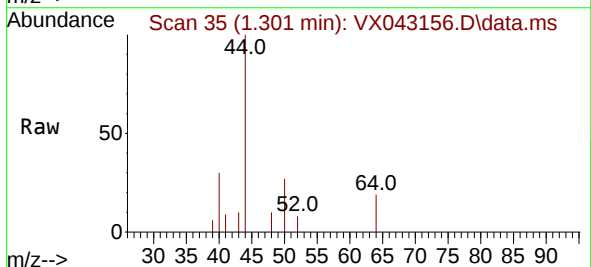


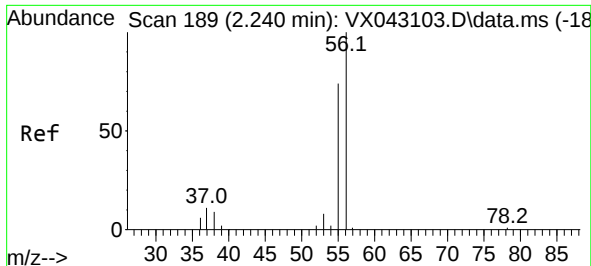
Tgt Ion:168 Resp: 89986
Ion Ratio Lower Upper
168 100
99 64.2 50.8 76.2



#3
Chloromethane
Concen: 0.338 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX043156.D
Acq: 25 Sep 2024 16:21

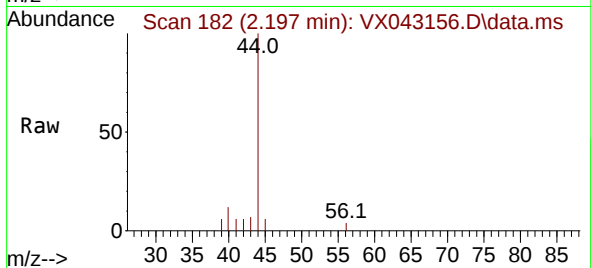
Tgt Ion: 50 Resp: 331
Ion Ratio Lower Upper
50 100
52 28.7 25.1 37.7



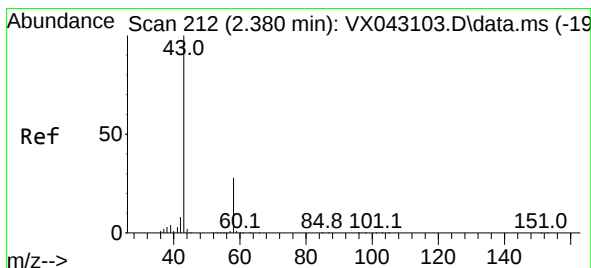
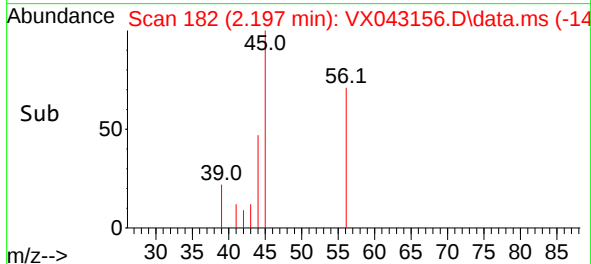
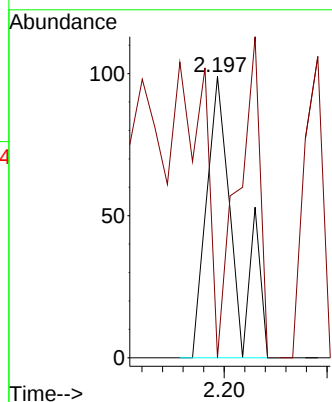


#13
Acrolein
Concen: 2.115 ug/l
RT: 2.197 min Scan# 11
Delta R.T. -0.043 min
Lab File: VX043156.D
Acq: 25 Sep 2024 16:21

Instrument :
MSVOA_X
ClientSampleId :

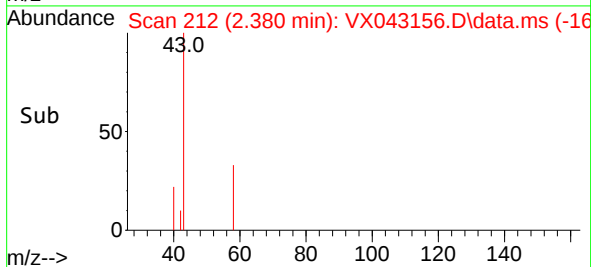
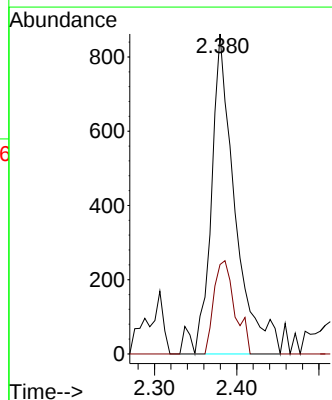
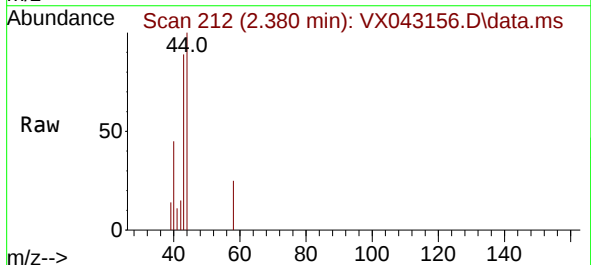


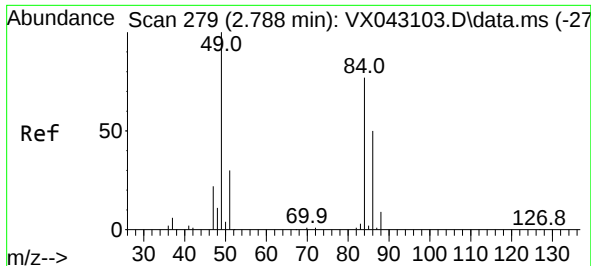
Tgt Ion: 56 Resp: 93
Ion Ratio Lower Upper
56 100
55 108.6 55.8 83.6#



#16
Acetone
Concen: 2.499 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX043156.D
Acq: 25 Sep 2024 16:21

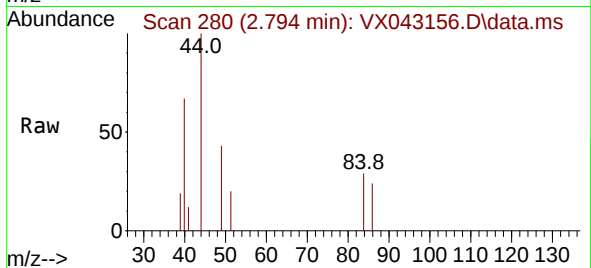
Tgt Ion: 43 Resp: 1747
Ion Ratio Lower Upper
43 100
58 28.0 22.6 34.0



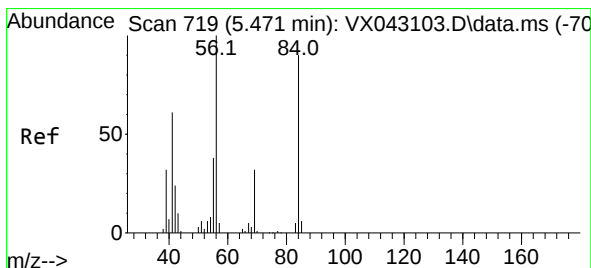
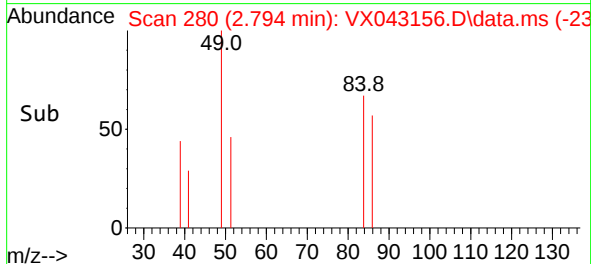
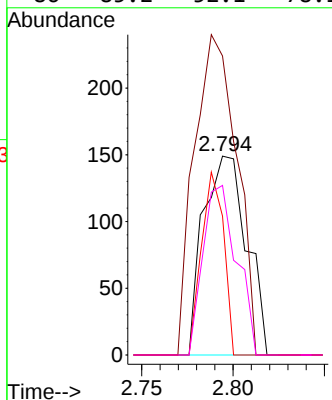


#20
Methylene Chloride
Concen: 0.221 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX043156.D
Acq: 25 Sep 2024 16:21

Instrument :
MSVOA_X
ClientSampleId :

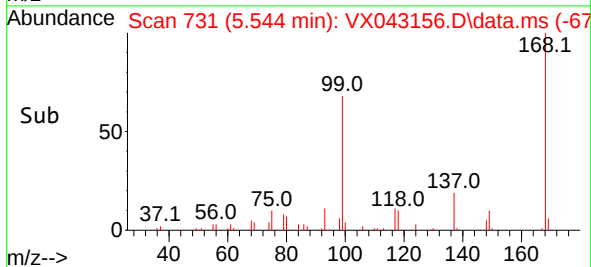
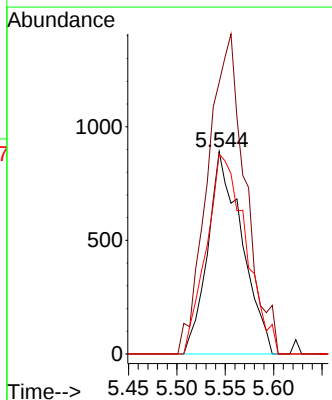
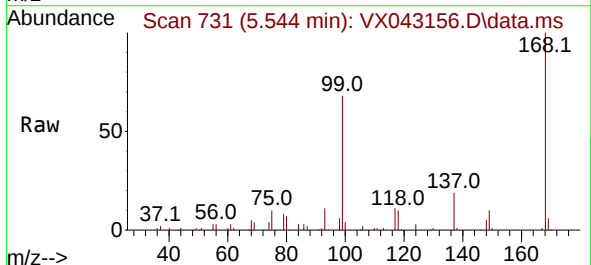


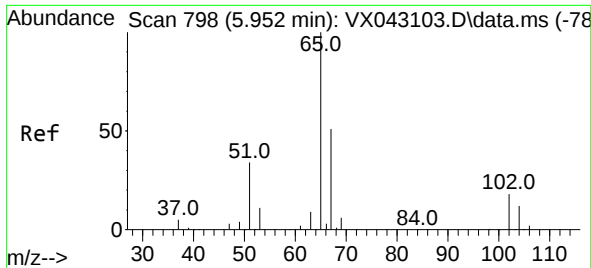
Tgt Ion:	84	Resp:	246
Ion	Ratio	Lower	Upper
84	100		
49	150.3	104.1	156.1
51	69.8	31.1	46.7#
86	85.2	52.1	78.1#



#31
Cyclohexane
Concen: 1.487 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX043156.D
Acq: 25 Sep 2024 16:21

Tgt Ion:	56	Resp:	2186
Ion	Ratio	Lower	Upper
56	100		
69	134.1	25.8	38.6#
84	98.8	72.4	108.6

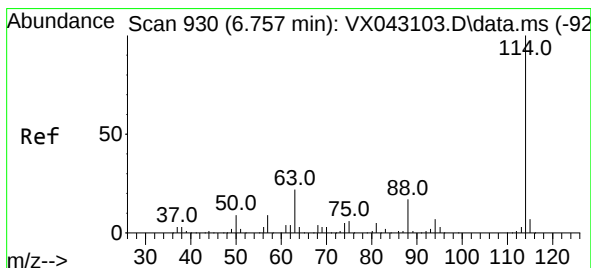
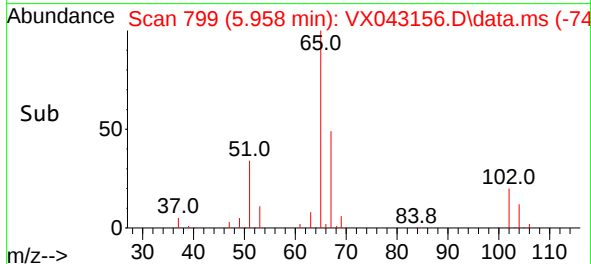
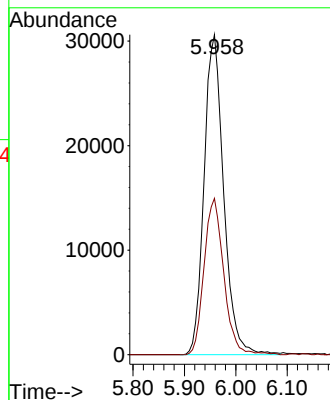
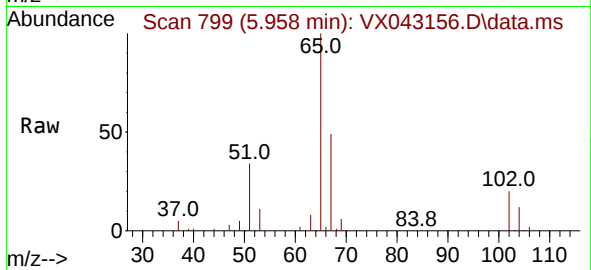




#33
 1,2-Dichloroethane-d4
 Concen: 54.261 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX043156.D
 Acq: 25 Sep 2024 16:21

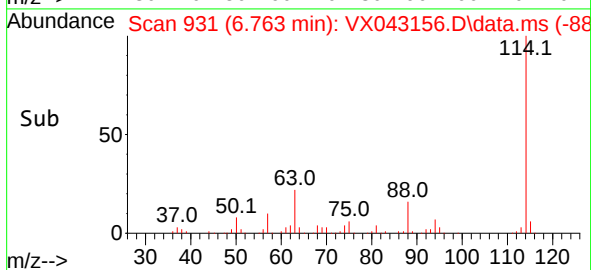
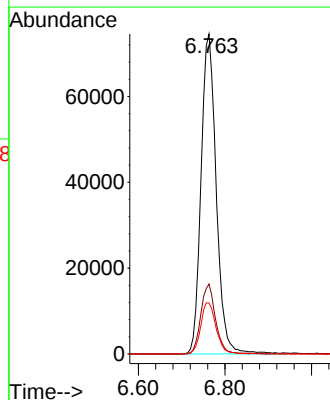
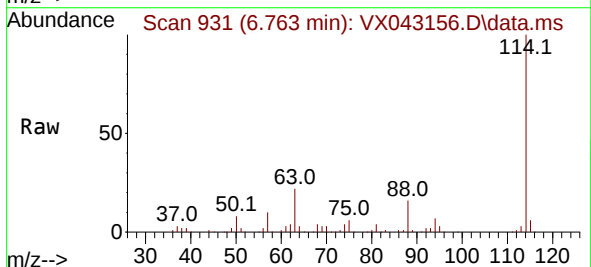
Instrument :
 MSVOA_X
 ClientSampleId :

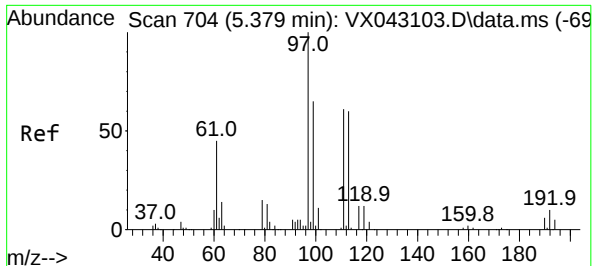
Tgt Ion: 65 Resp: 81105
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX043156.D
 Acq: 25 Sep 2024 16:21

Tgt Ion: 114 Resp: 181505
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.2
 88 16.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.023 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX043156.D

Acq: 25 Sep 2024 16:21

Instrument :

MSVOA_X

ClientSampleId :

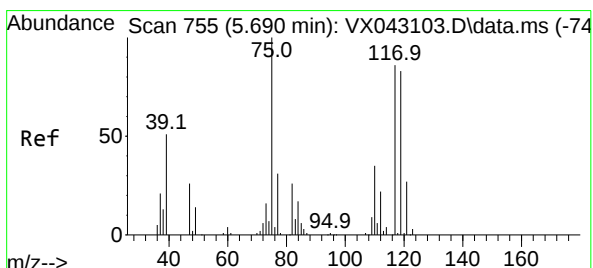
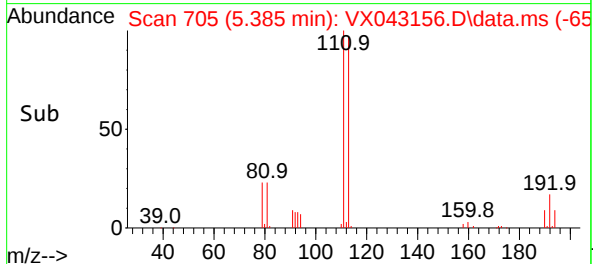
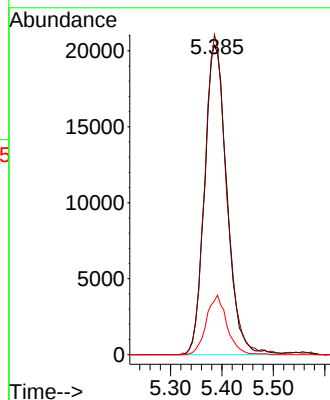
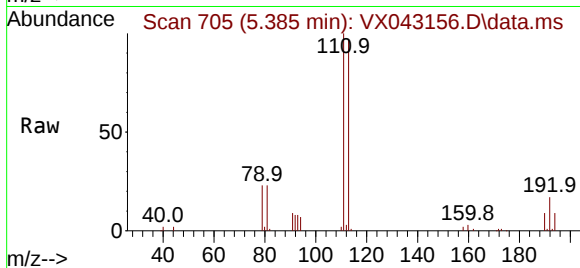
Tgt Ion:113 Resp: 61488

Ion Ratio Lower Upper

113 100

111 101.2 82.6 124.0

192 17.8 14.6 22.0



#36

1,1-Dichloropropene

Concen: 4.805 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX043156.D

Acq: 25 Sep 2024 16:21

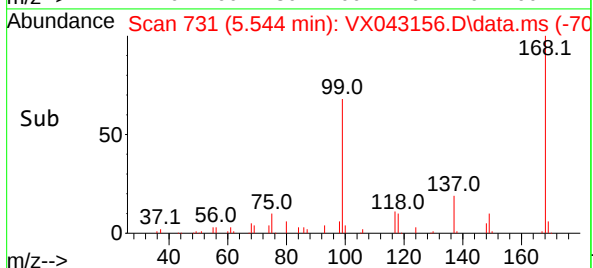
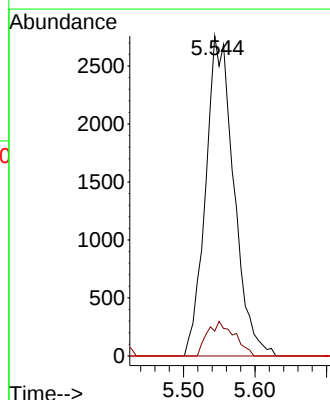
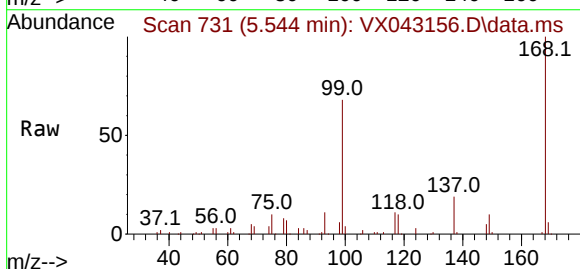
Tgt Ion: 75 Resp: 7560

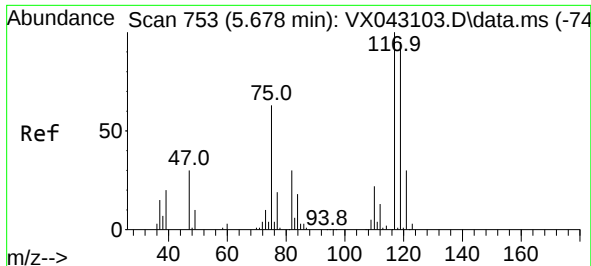
Ion Ratio Lower Upper

75 100

110 10.3 17.8 53.4#

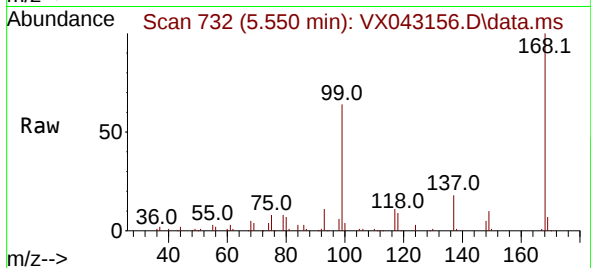
77 0.0 25.2 37.8#



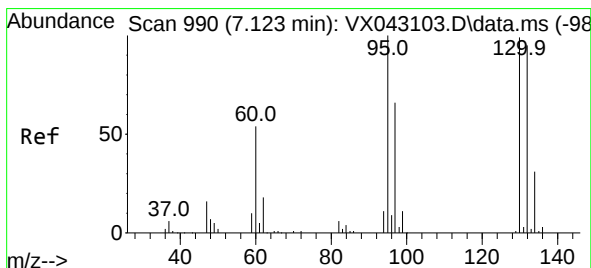
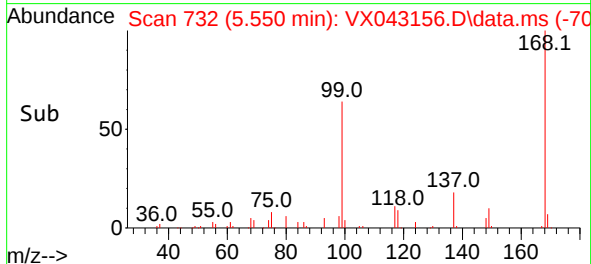
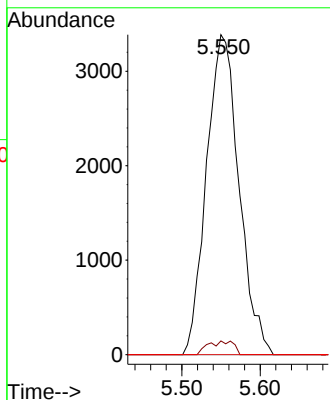


#38
Carbon Tetrachloride
Concen: 4.815 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX043156.D
Acq: 25 Sep 2024 16:21

Instrument :
MSVOA_X
ClientSampleId :

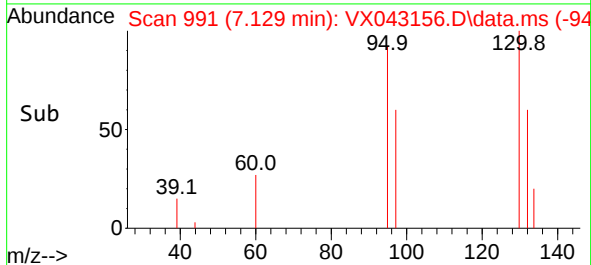
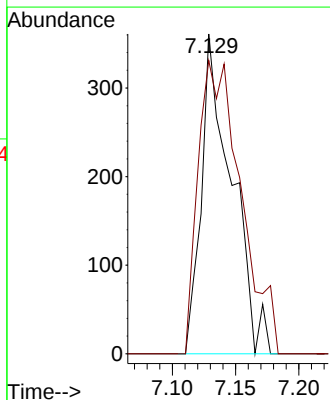
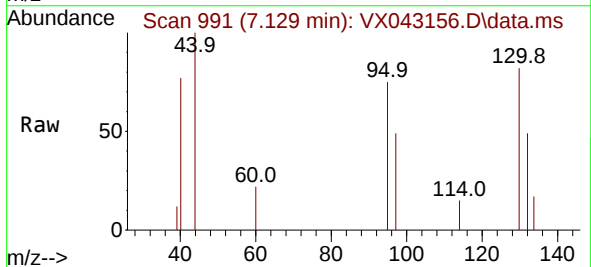


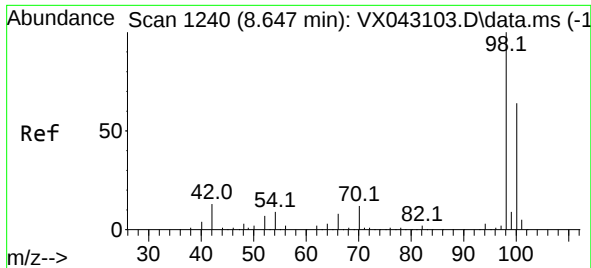
Tgt Ion:117 Resp: 9758
Ion Ratio Lower Upper
117 100
119 4.3 75.5 113.3#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: 0.471 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX043156.D
Acq: 25 Sep 2024 16:21

Tgt Ion:130 Resp: 598
Ion Ratio Lower Upper
130 100
95 91.7 0.0 201.6

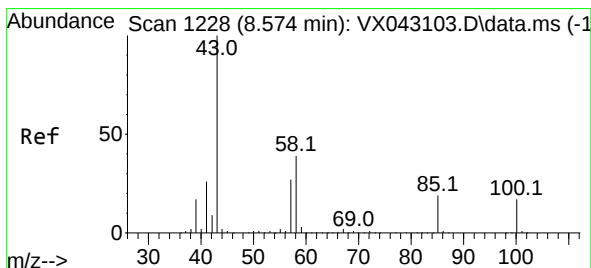
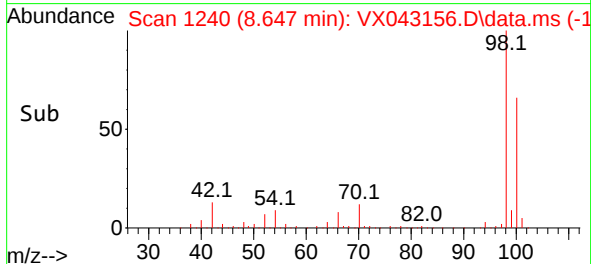
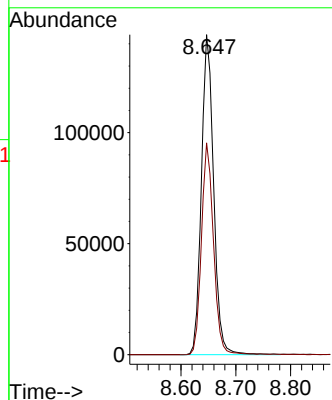
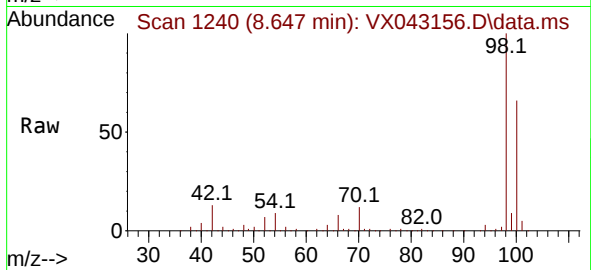




#50
Toluene-d8
Concen: 51.614 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043156.D
Acq: 25 Sep 2024 16:21

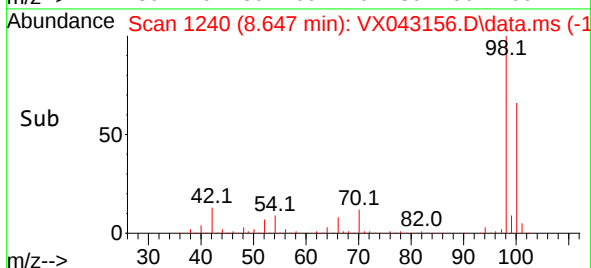
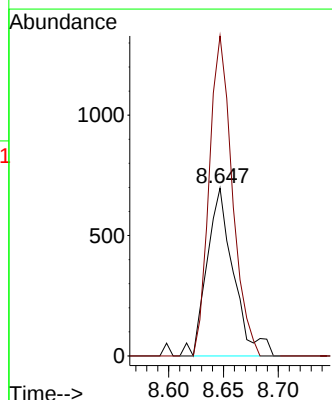
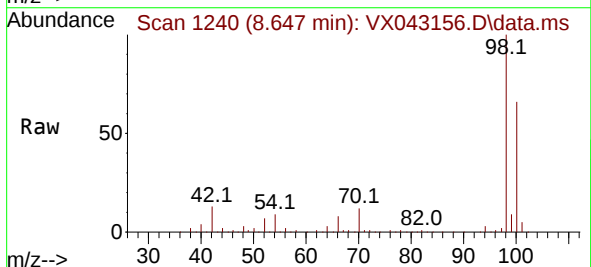
Instrument :
MSVOA_X
ClientSampleId :

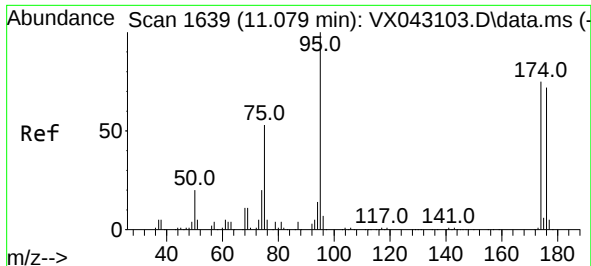
Tgt Ion: 98 Resp: 223583
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.581 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX043156.D
Acq: 25 Sep 2024 16:21

Tgt Ion: 43 Resp: 1178
Ion Ratio Lower Upper
43 100
58 165.5 30.3 45.5#





#62

4-Bromofluorobenzene

Concen: 52.099 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043156.D

Acq: 25 Sep 2024 16:21

Instrument :

MSVOA_X

ClientSampleId :

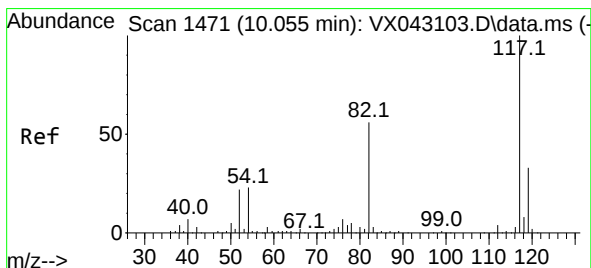
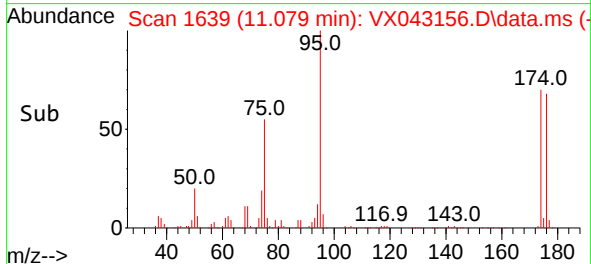
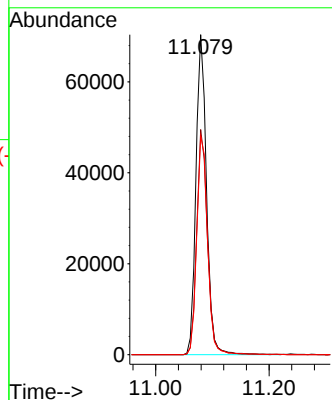
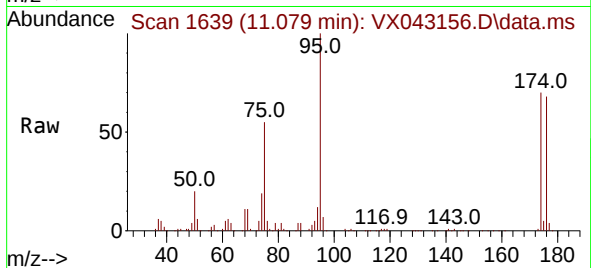
Tgt Ion: 95 Resp: 90887

Ion Ratio Lower Upper

95 100

174 71.6 0.0 146.0

176 69.9 0.0 142.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX043156.D

Acq: 25 Sep 2024 16:21

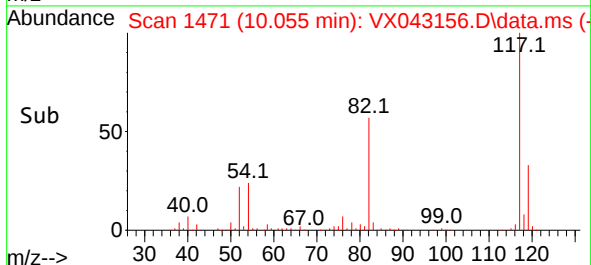
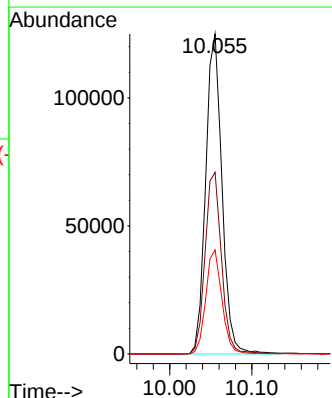
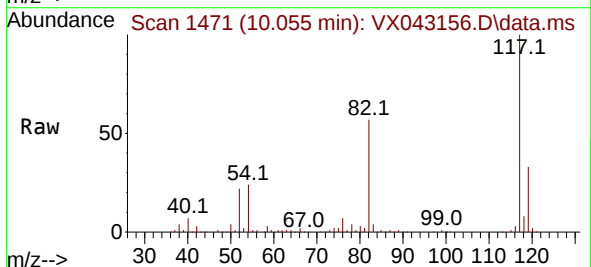
Tgt Ion: 117 Resp: 172256

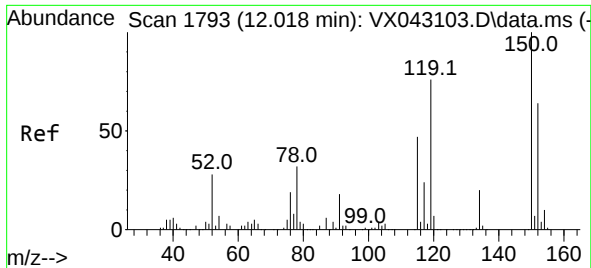
Ion Ratio Lower Upper

117 100

82 56.8 44.7 67.1

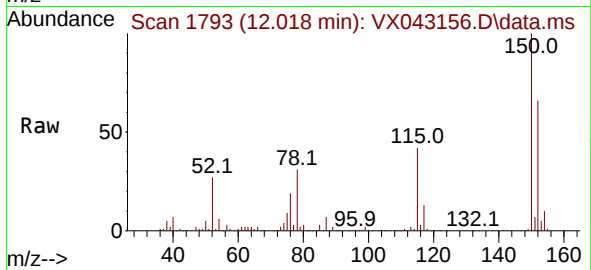
119 32.5 26.3 39.5



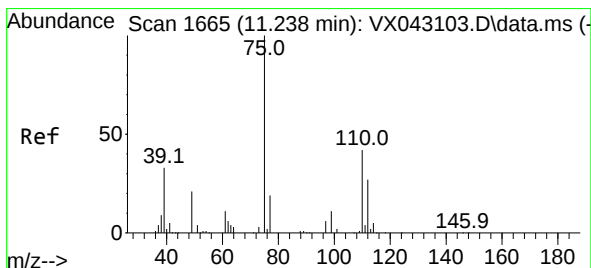
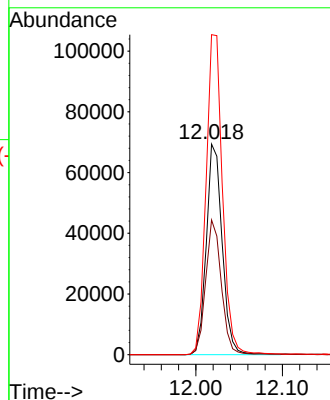
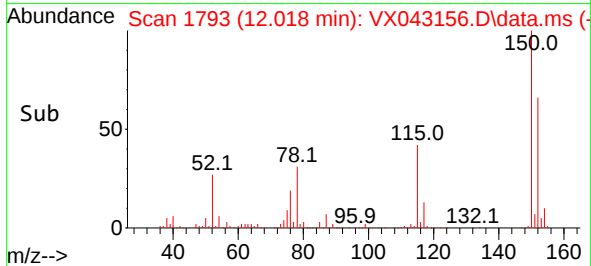


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043156.D
Acq: 25 Sep 2024 16:21

Instrument :
MSVOA_X
ClientSampleId :

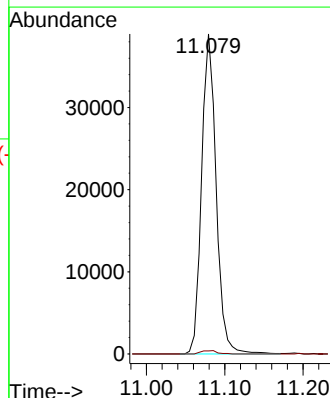
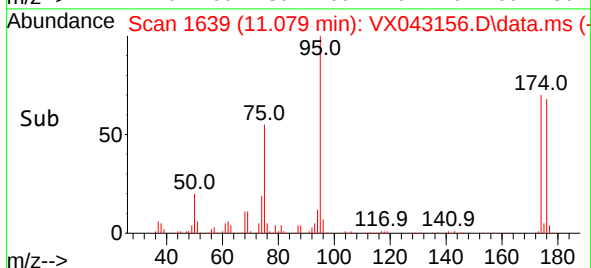
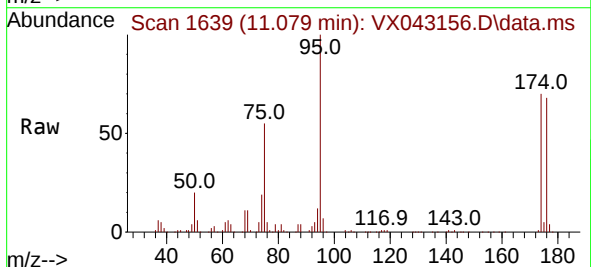


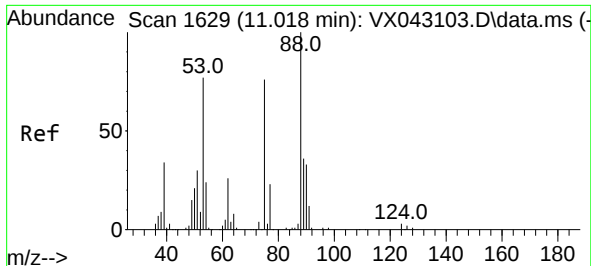
Tgt Ion:152 Resp: 88412
Ion Ratio Lower Upper
152 100
115 63.4 43.7 131.1
150 157.1 0.0 344.6



#76
1,2,3-Trichloropropane
Concen: 26.733 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043156.D
Acq: 25 Sep 2024 16:21

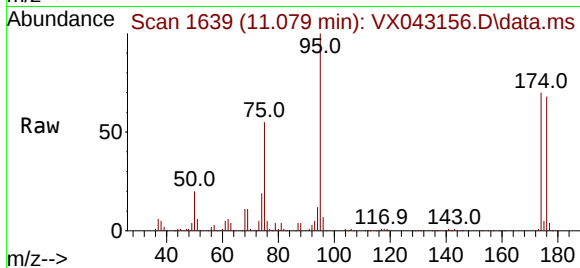
Tgt Ion: 75 Resp: 50249
Ion Ratio Lower Upper
75 100
77 1.2 21.9 65.7#



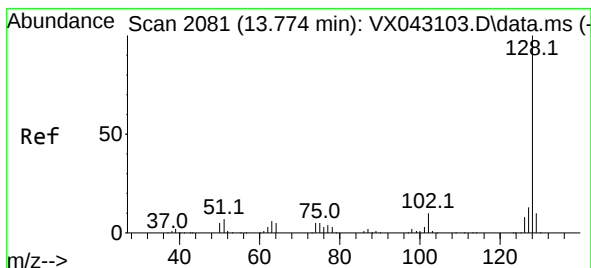
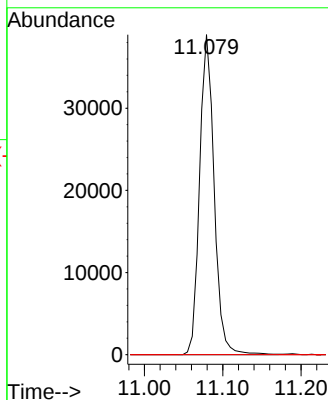
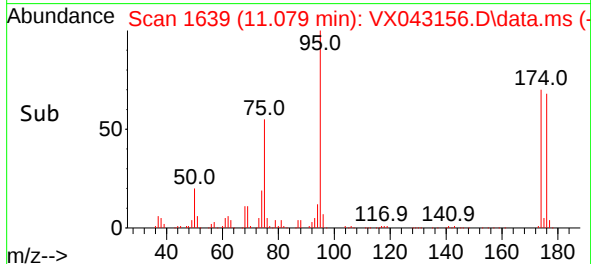


#81
trans-1,4-Dichloro-2-butene
Concen: 63.692 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043156.D
Acq: 25 Sep 2024 16:21

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 50249
Ion Ratio Lower Upper
75 100
53 0.0 85.4 128.2#
89 0.0 38.8 58.2#



#95
Naphthalene
Concen: 0.580 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX043156.D
Acq: 25 Sep 2024 16:21

Tgt Ion: 128 Resp: 3574
Ion Ratio Lower Upper
128 100
127 11.4 10.2 15.4
129 8.2 8.6 13.0#

