

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062023\
 Data File : VX036235.D
 Acq On : 20 Jun 2023 12:09
 Operator : JC/MD
 Sample : 03274-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-061423

Quant Time: Jun 21 01:59:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 16:28:40 2023
 Response via : Initial Calibration

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

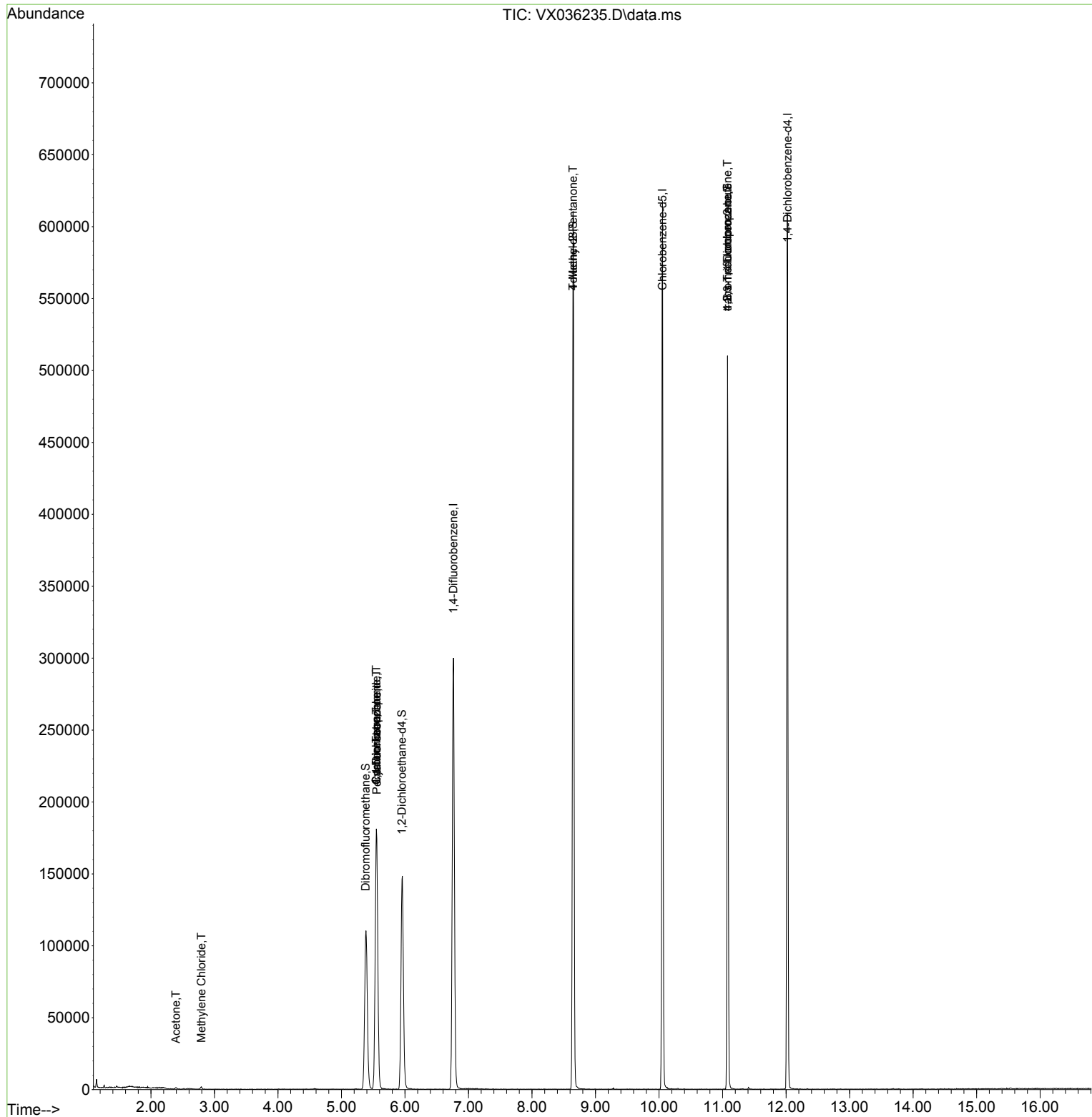
Internal Standards						
1) Pentafluorobenzene	5.556	168	152679	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	281086	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	249252	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110599	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	151227	54.201	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.400%			
35) Dibromofluoromethane	5.379	113	95706	50.211	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.420%			
50) Toluene-d8	8.647	98	341521	48.982	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.960%			
62) 4-Bromofluorobenzene	11.079	95	130284	46.291	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.580%			
Target Compounds						
16) Acetone	2.392	43	1343	1.159	ug/l	93
20) Methylene Chloride	2.794	84	635	0.302	ug/l #	82
31) Cyclohexane	5.550	56	4614	1.542	ug/l #	31
36) 1,1-Dichloropropene	5.550	75	15376	5.476	ug/l #	50
38) Carbon Tetrachloride	5.550	117	17610	6.452	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1918	0.607	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	74705	28.461	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	74705	99.620	ug/l #	5

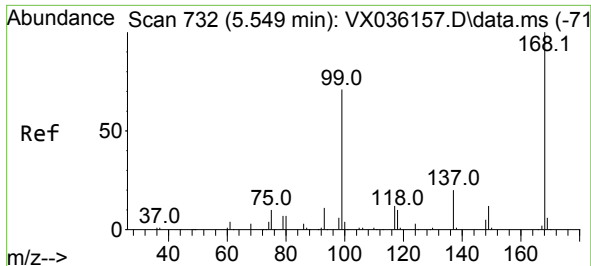
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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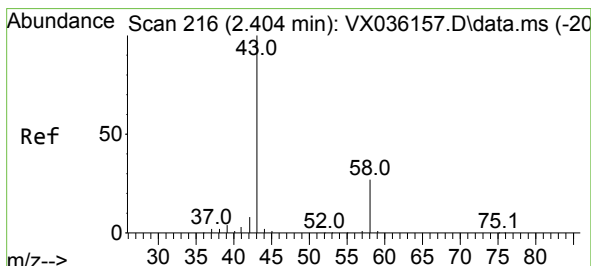
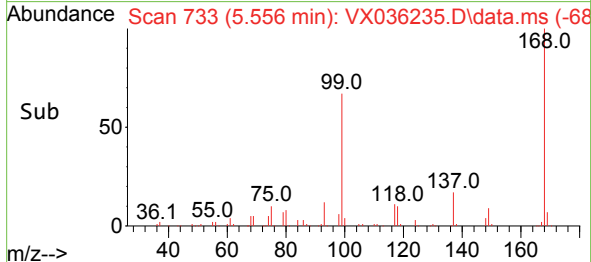
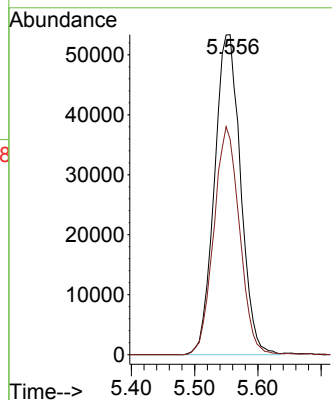
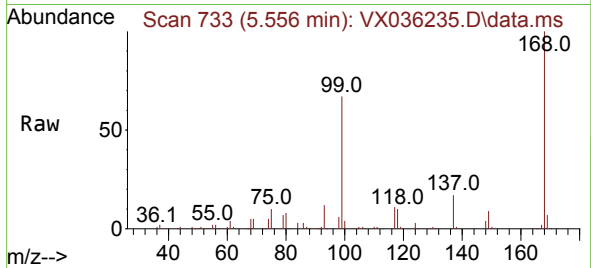




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036235.D
Acq: 20 Jun 2023 12:09

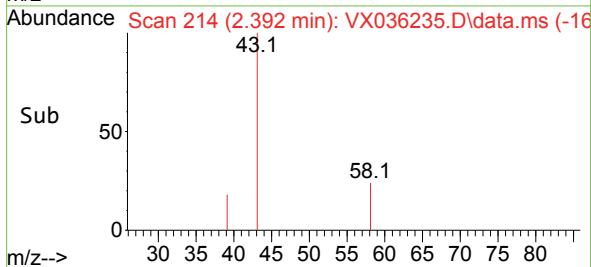
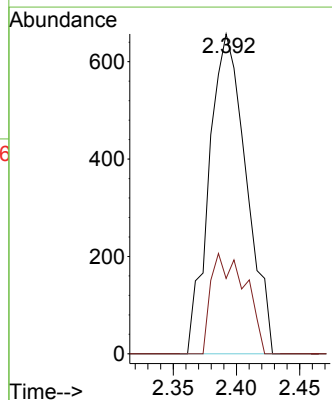
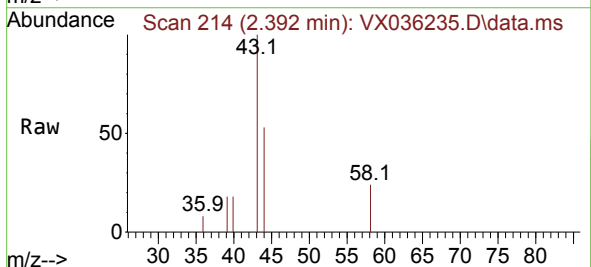
Instrument :
MSVOA_X
ClientSampleId :
TB-061423

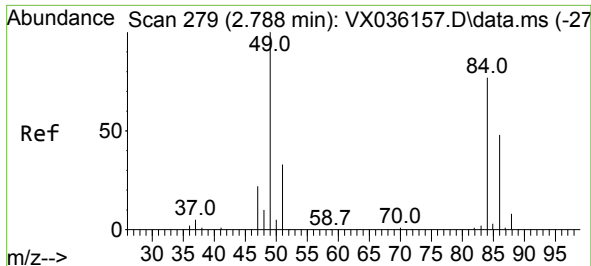
Tgt Ion:168 Resp: 152679
Ion Ratio Lower Upper
168 100
99 67.3 56.6 85.0



#16
Acetone
Concen: 1.159 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036235.D
Acq: 20 Jun 2023 12:09

Tgt Ion: 43 Resp: 1343
Ion Ratio Lower Upper
43 100
58 23.6 21.9 32.9

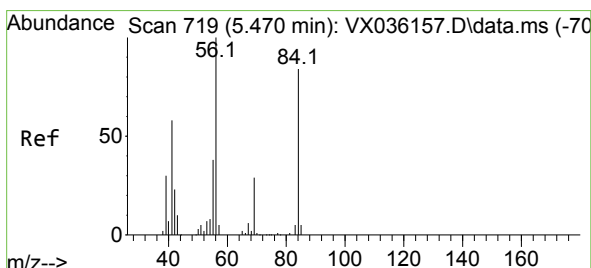
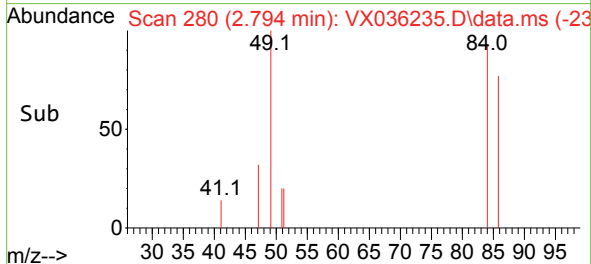
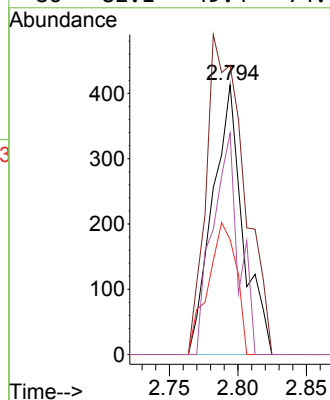
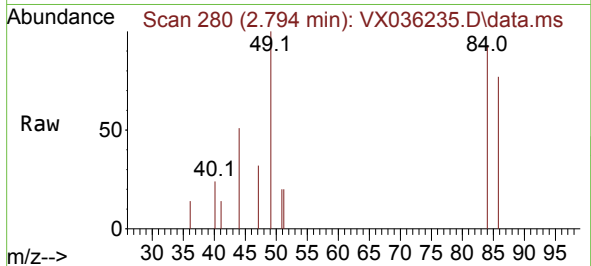




#20
Methylene Chloride
Concen: 0.302 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX036235.D
Acq: 20 Jun 2023 12:09

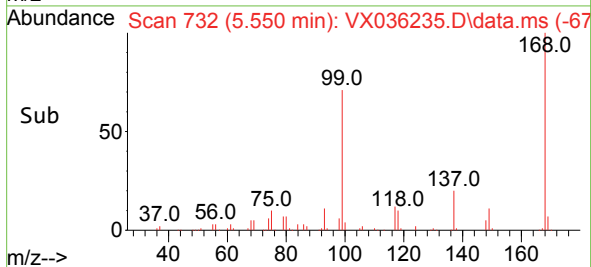
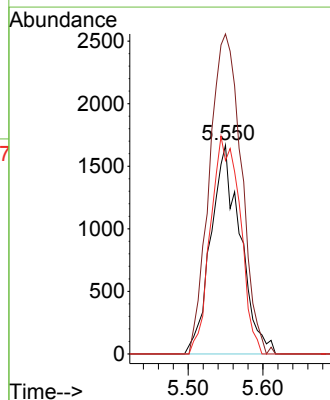
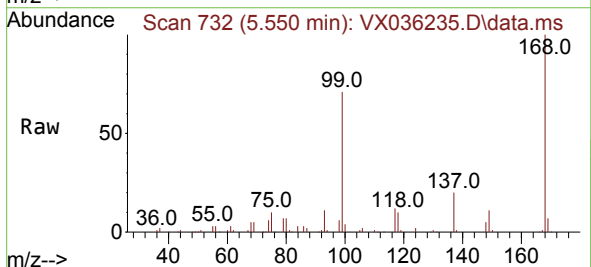
Instrument :
MSVOA_X
ClientSampleId :
TB-061423

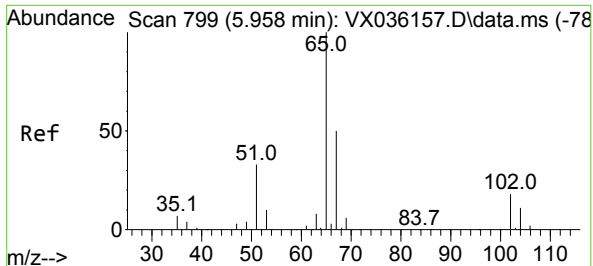
Tgt Ion: 84	Resp: 635
Ion Ratio	Lower Upper
84	100
49	107.3 103.6 155.4
51	42.6 33.8 50.6
86	82.1 49.4 74.0#



#31
Cyclohexane
Concen: 1.542 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX036235.D
Acq: 20 Jun 2023 12:09

Tgt Ion: 56	Resp: 4614
Ion Ratio	Lower Upper
56	100
69	153.2 23.4 35.2#
84	92.6 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 54.201 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX036235.D

Acq: 20 Jun 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

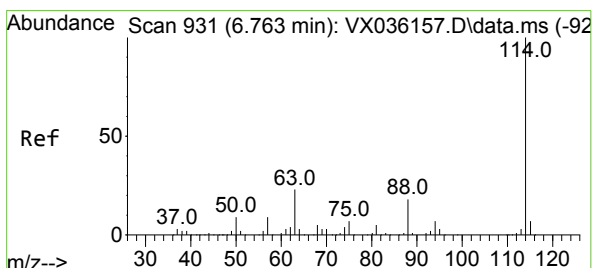
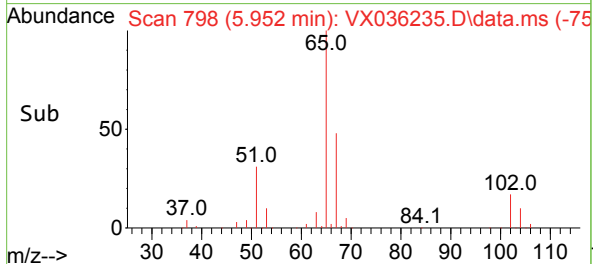
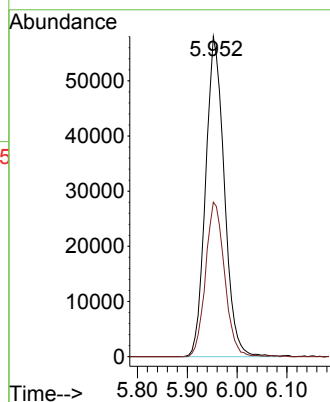
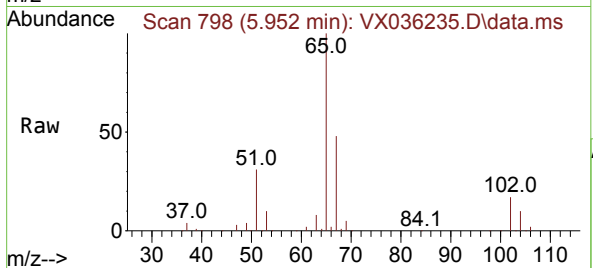
TB-061423

Tgt Ion: 65 Resp: 151227

Ion Ratio Lower Upper

65 100

67 49.1 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX036235.D

Acq: 20 Jun 2023 12:09

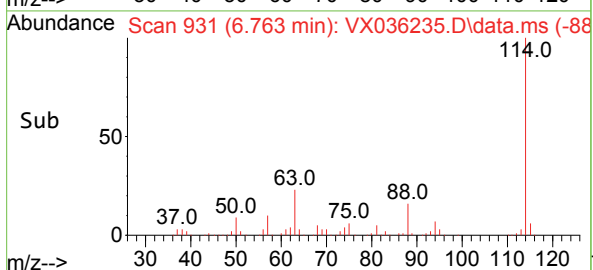
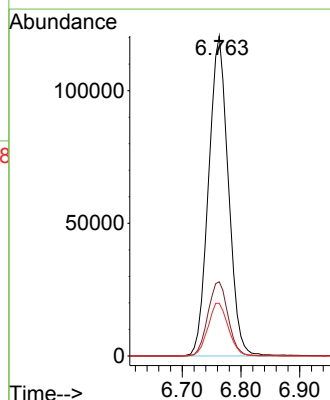
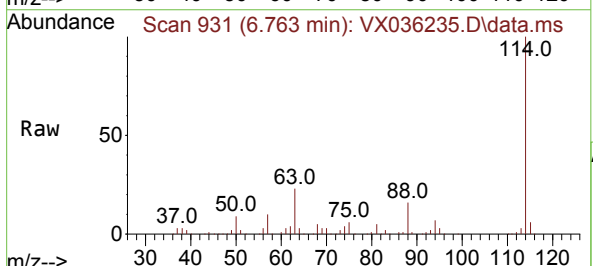
Tgt Ion: 114 Resp: 281086

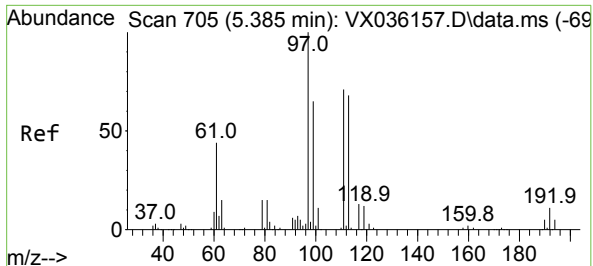
Ion Ratio Lower Upper

114 100

63 23.2 0.0 45.0

88 16.5 0.0 36.6

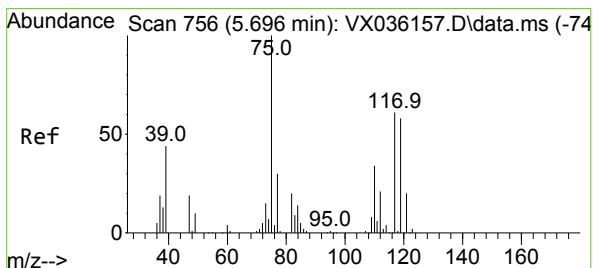
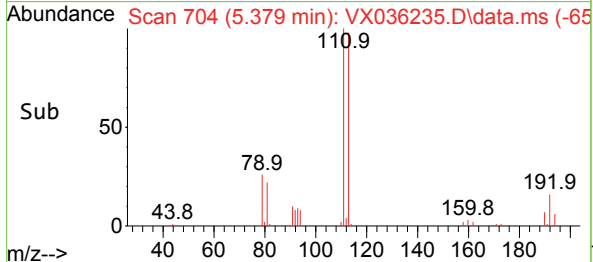
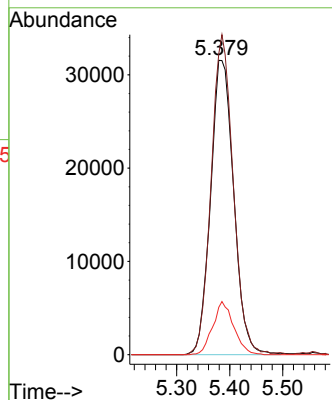
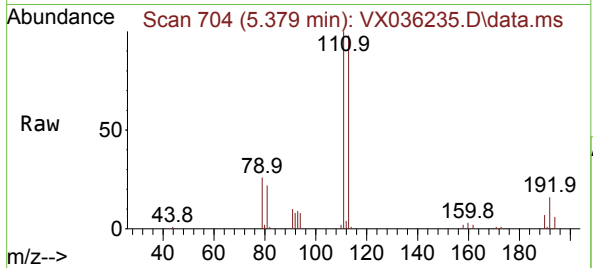




#35
Dibromofluoromethane
Concen: 50.211 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX036235.D
Acq: 20 Jun 2023 12:09

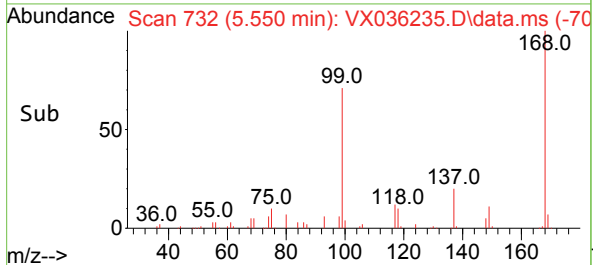
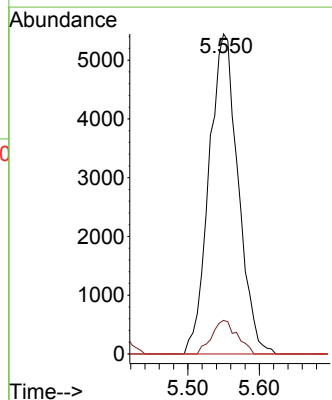
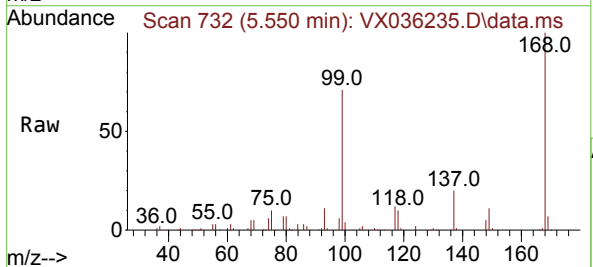
Instrument :
MSVOA_X
ClientSampleId :
TB-061423

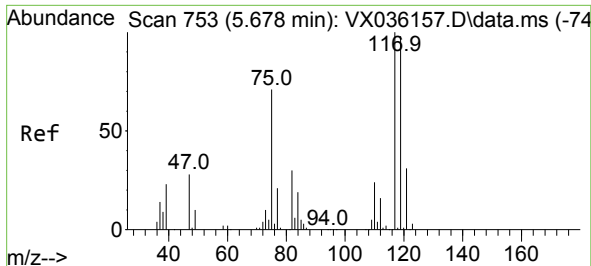
Tgt Ion:113 Resp: 95706
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 16.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.476 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX036235.D
Acq: 20 Jun 2023 12:09

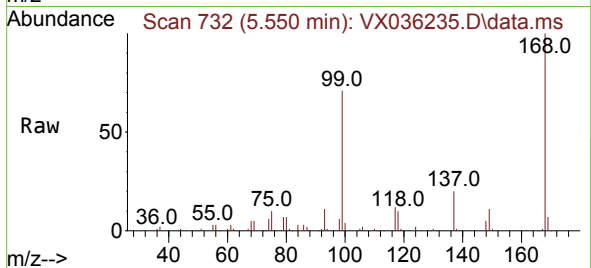
Tgt Ion: 75 Resp: 15376
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.0 24.7 37.1#



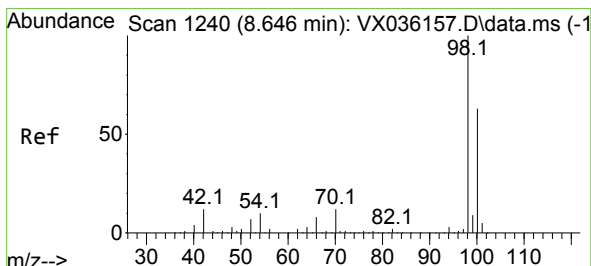
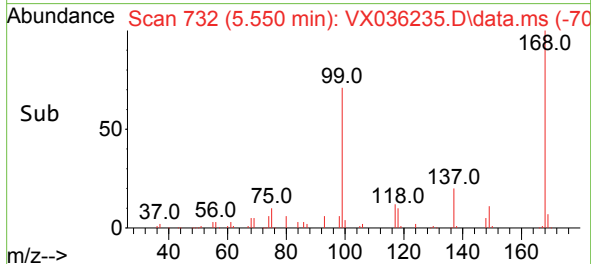
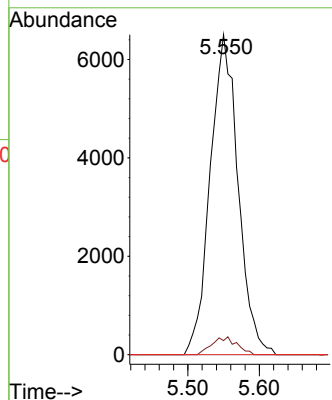


#38
Carbon Tetrachloride
Concen: 6.452 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX036235.D
Acq: 20 Jun 2023 12:09

Instrument :
MSVOA_X
ClientSampleId :
TB-061423

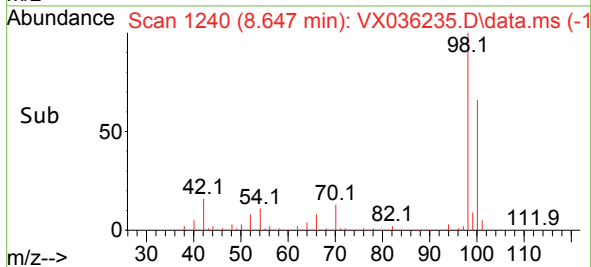
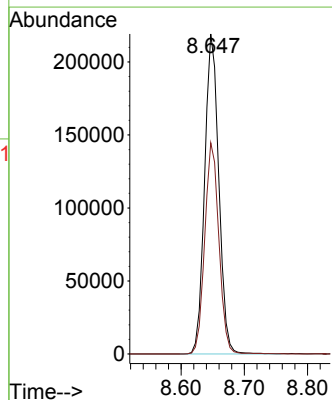
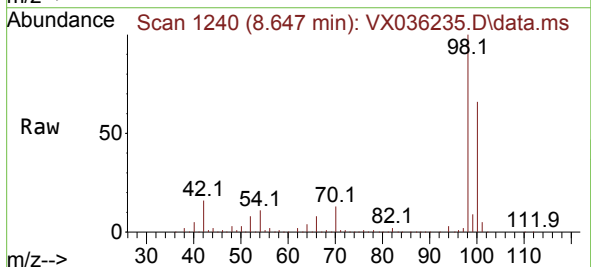


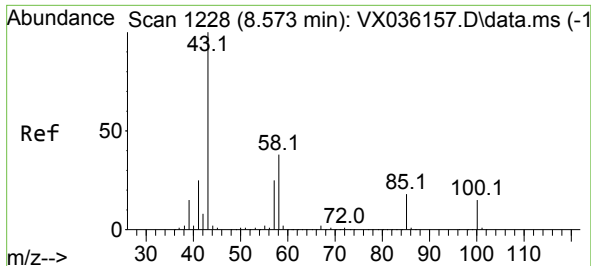
Tgt Ion:117 Resp: 17610
Ion Ratio Lower Upper
117 100
119 4.4 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.982 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036235.D
Acq: 20 Jun 2023 12:09

Tgt Ion: 98 Resp: 341521
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7

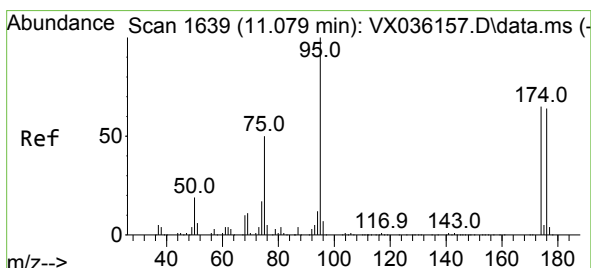
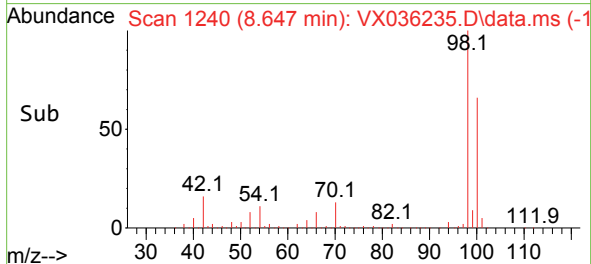
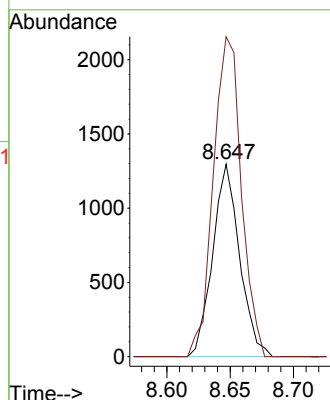
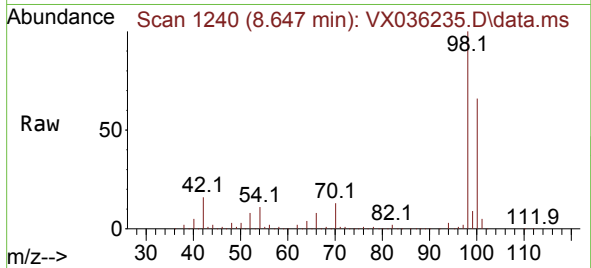




#51
4-Methyl-2-Pentanone
Concen: 0.607 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX036235.D
Acq: 20 Jun 2023 12:09

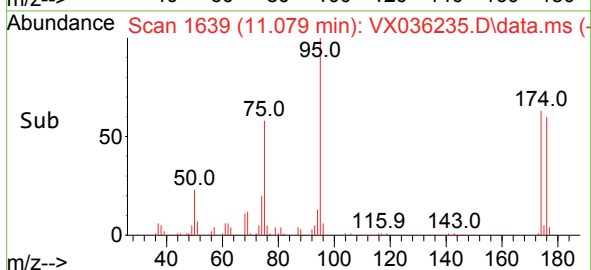
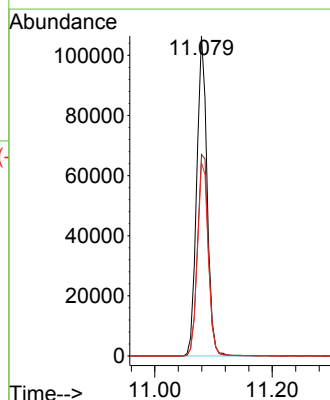
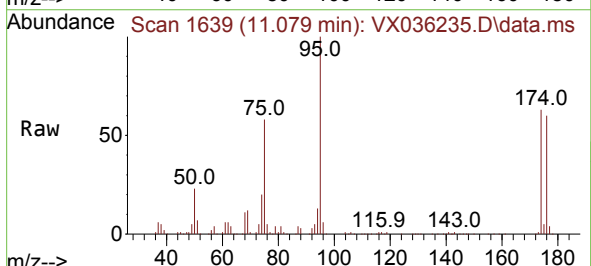
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MSVOA_X
ClientSampleId :
TB-061423

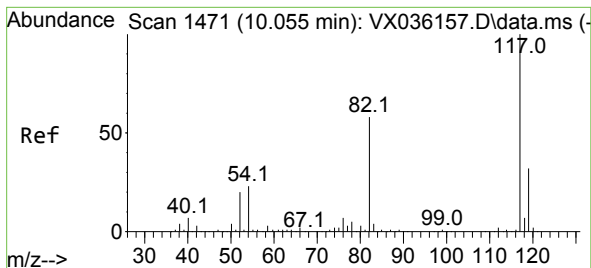
Tgt Ion: 43 Resp: 1918
Ion Ratio Lower Upper
43 100
58 173.0 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 46.291 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036235.D
Acq: 20 Jun 2023 12:09

Tgt Ion: 95 Resp: 130284
Ion Ratio Lower Upper
95 100
174 66.6 0.0 135.6
176 63.2 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: VX036235.D

Acq: 20 Jun 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

TB-061423

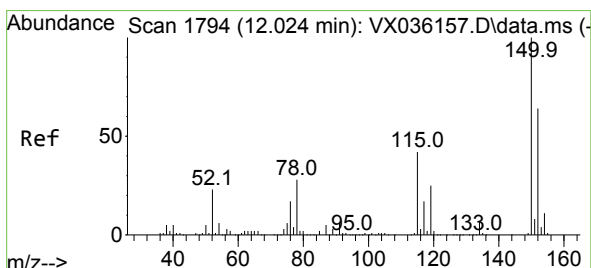
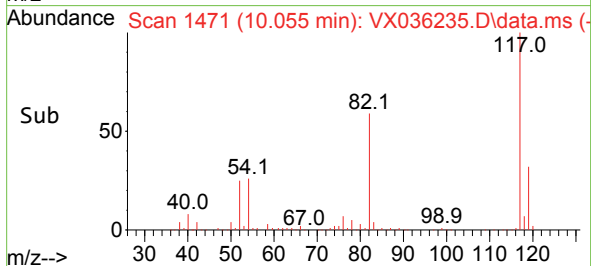
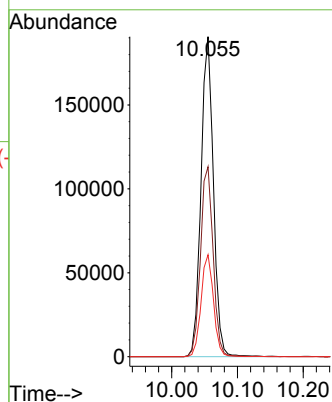
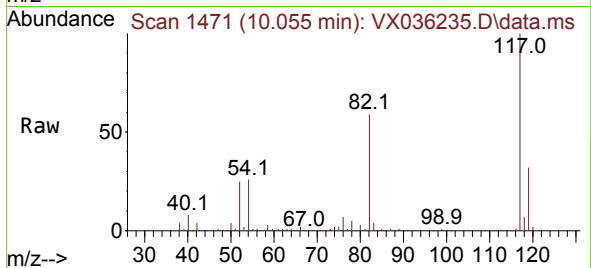
Tgt Ion:117 Resp: 249252

Ion Ratio Lower Upper

117 100

82 59.3 46.2 69.4

119 31.8 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX036235.D

Acq: 20 Jun 2023 12:09

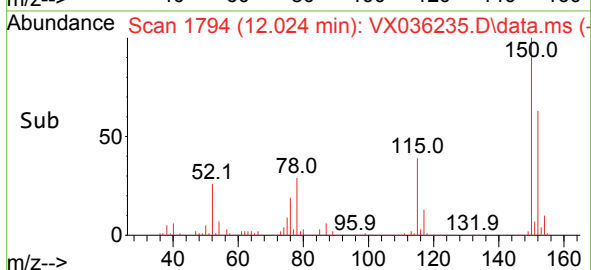
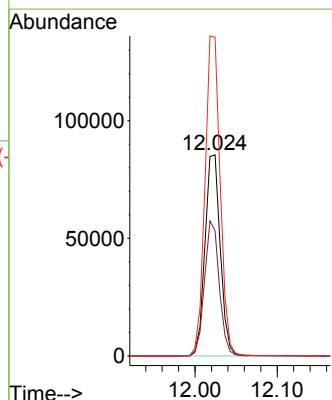
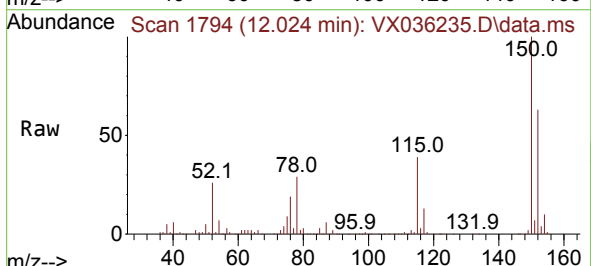
Tgt Ion:152 Resp: 110599

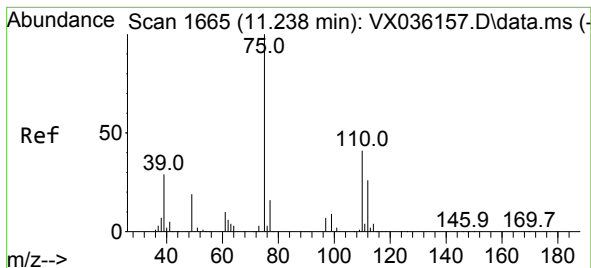
Ion Ratio Lower Upper

152 100

115 64.4 43.3 129.9

150 158.2 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 28.461 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX036235.D

Acq: 20 Jun 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

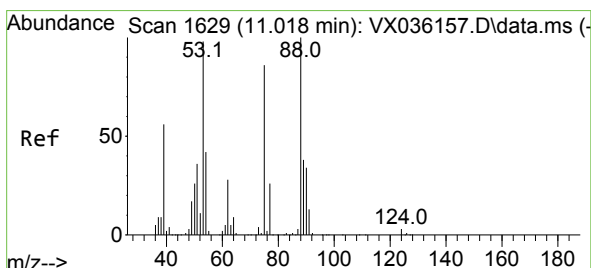
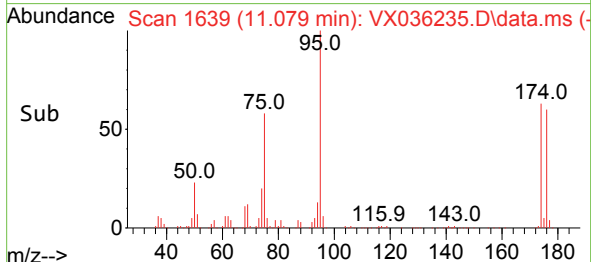
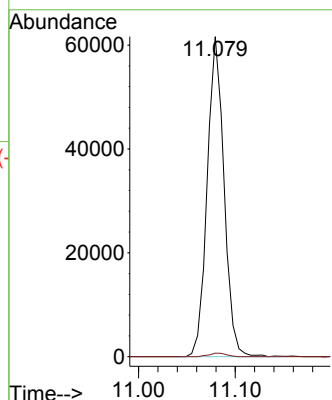
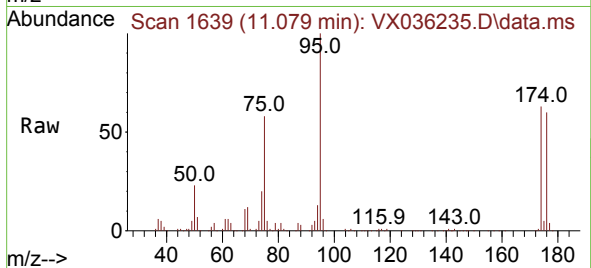
TB-061423

Tgt Ion: 75 Resp: 74705

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 99.620 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX036235.D

Acq: 20 Jun 2023 12:09

Tgt Ion: 75 Resp: 74705

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

