

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051123\
 Data File : VX035617.D
 Acq On : 11 May 2023 19:00
 Operator : JC/MD
 Sample : 02747-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-20230510

Quant Time: May 12 03:54:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

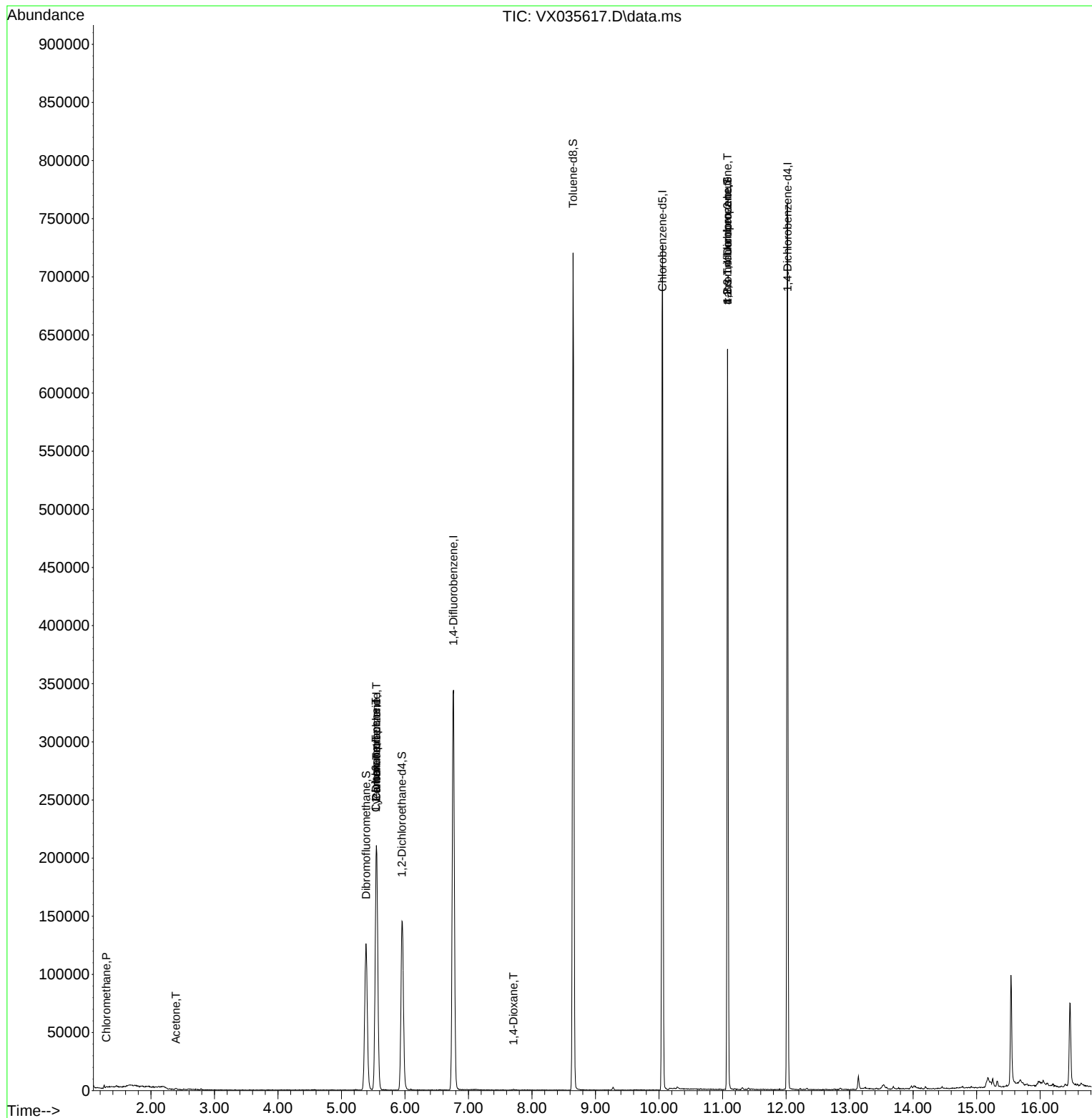
Internal Standards						
1) Pentafluorobenzene	5.550	168	180818	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	335239	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	309824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	142122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	151061	47.888	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.780%
35) Dibromofluoromethane	5.385	113	107784	47.674	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.340%
50) Toluene-d8	8.647	98	401764	48.103	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.200%
62) 4-Bromofluorobenzene	11.079	95	167561	49.826	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.660%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	604	0.211	ug/l	# 52
16) Acetone	2.392	43	1662	1.226	ug/l	# 80
31) Cyclohexane	5.544	56	5050	1.267	ug/l	# 19
36) 1,1-Dichloropropene	5.544	75	16734	4.689	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	20539	6.076	ug/l	# 15
49) 1,4-Dioxane	7.708	88	372	7.235	ug/l	# 36
76) 1,2,3-Trichloropropane	11.079	75	92693	26.664	ug/l	# 34
81) trans-1,4-Dichloro-2-b...	11.079	75	92693	85.934	ug/l	# 8

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

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB-01-20230510

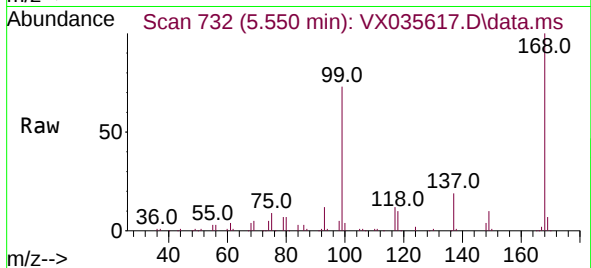
Quant Time: May 12 03:54:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
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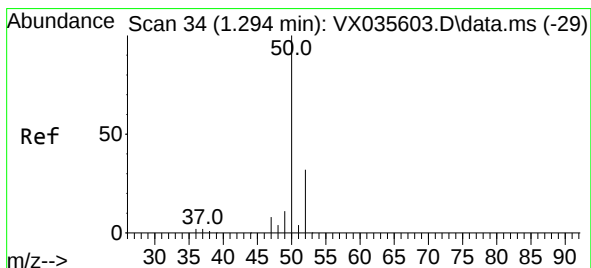
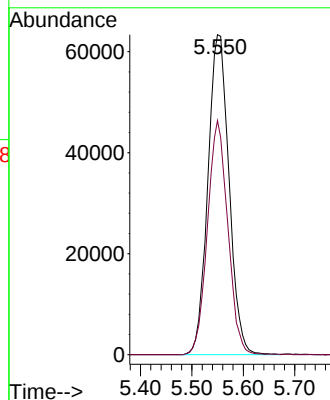
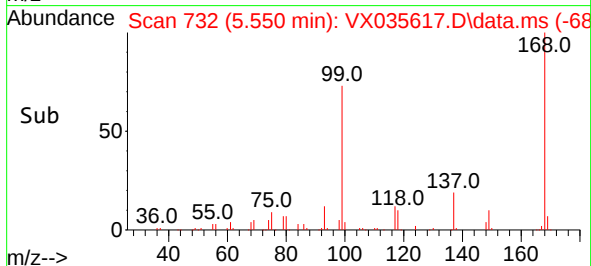


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035617.D
Acq: 11 May 2023 19:00

Instrument :
MSVOA_X
ClientSampleId :
TB-01-20230510

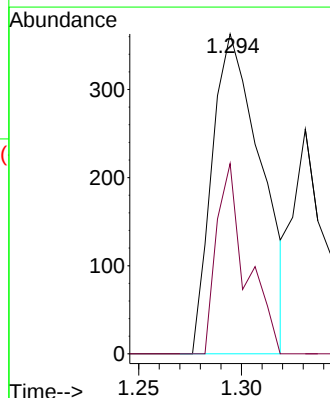
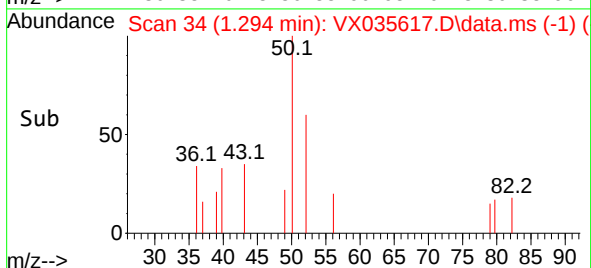
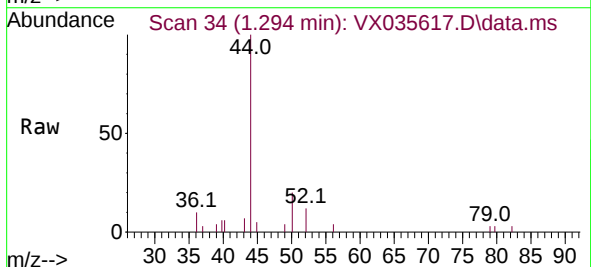


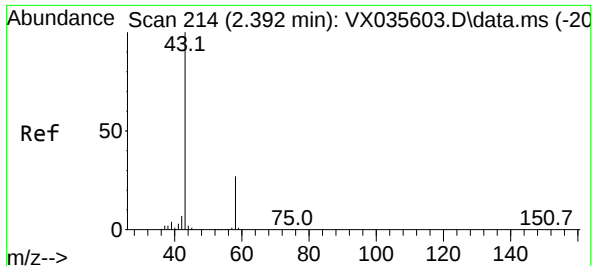
Tgt Ion:168 Resp: 180818
Ion Ratio Lower Upper
168 100
99 73.2 45.7 68.5#



#3
Chloromethane
Concen: 0.211 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035617.D
Acq: 11 May 2023 19:00

Tgt Ion: 50 Resp: 604
Ion Ratio Lower Upper
50 100
52 59.5 25.9 38.9#

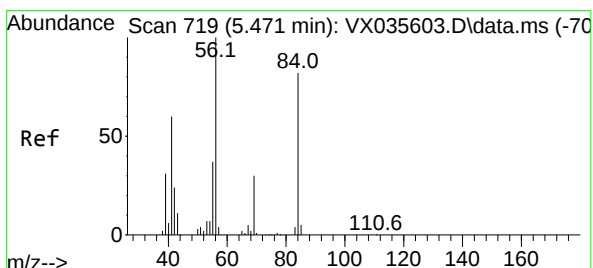
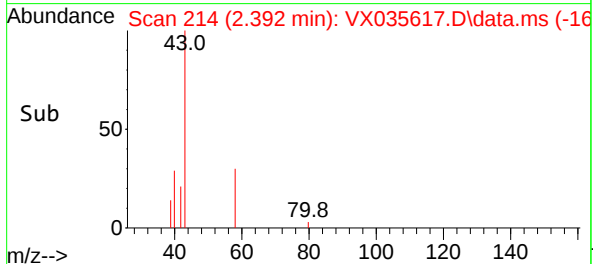
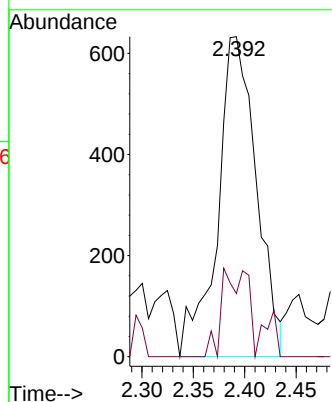
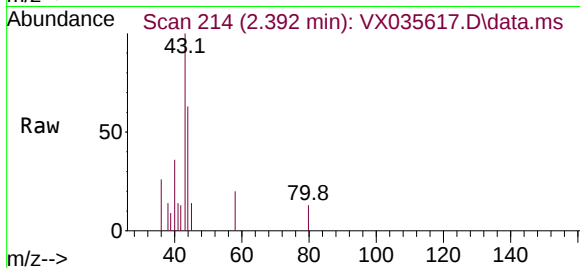




#16
Acetone
Concen: 1.226 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX035617.D
Acq: 11 May 2023 19:00

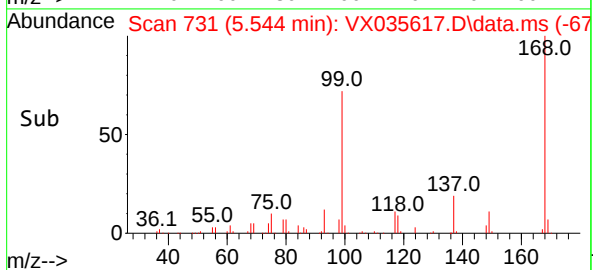
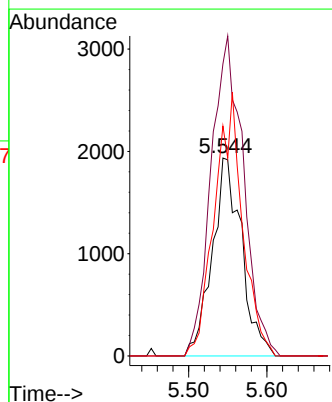
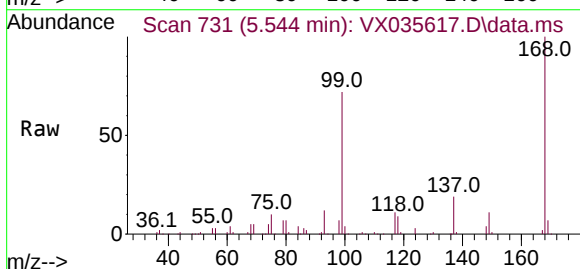
Instrument :
MSVOA_X
ClientSampleId :
TB-01-20230510

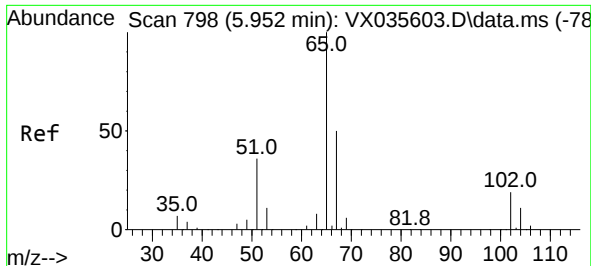
Tgt Ion: 43 Resp: 1662
Ion Ratio Lower Upper
43 100
58 19.7 24.7 37.1#



#31
Cyclohexane
Concen: 1.267 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX035617.D
Acq: 11 May 2023 19:00

Tgt Ion: 56 Resp: 5050
Ion Ratio Lower Upper
56 100
69 147.5 23.7 35.5#
84 116.2 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 47.888 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035617.D

Acq: 11 May 2023 19:00

Instrument :

MSVOA_X

ClientSampleId :

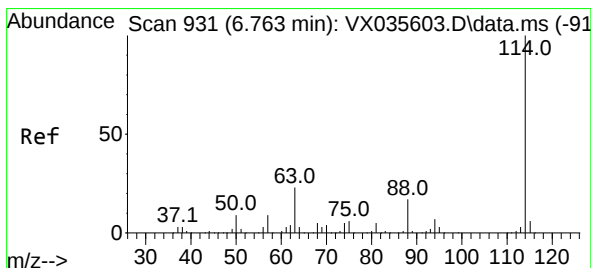
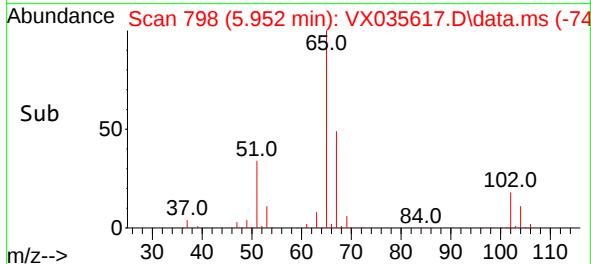
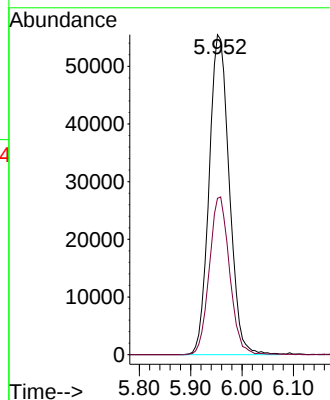
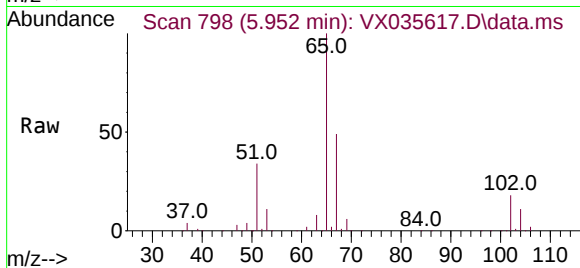
TB-01-20230510

Tgt Ion: 65 Resp: 151061

Ion Ratio Lower Upper

65 100

67 49.5 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX035617.D

Acq: 11 May 2023 19:00

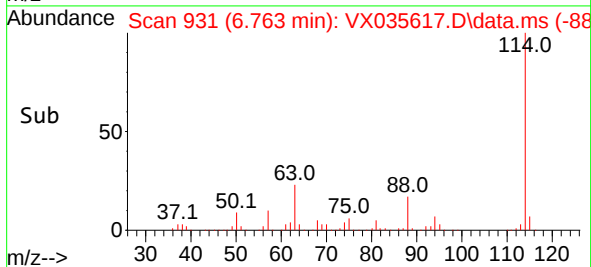
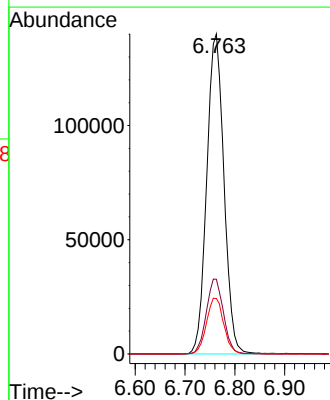
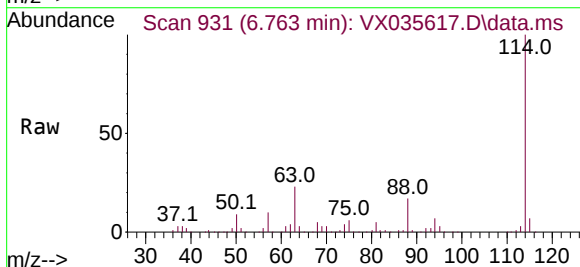
Tgt Ion: 114 Resp: 335239

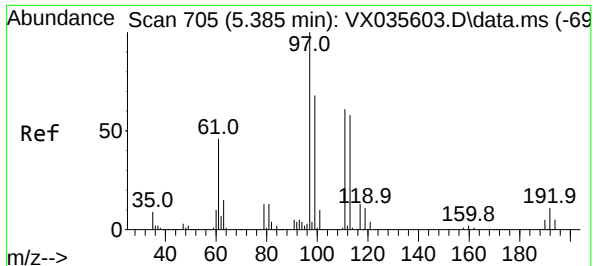
Ion Ratio Lower Upper

114 100

63 23.4 0.0 42.2

88 17.4 0.0 33.2

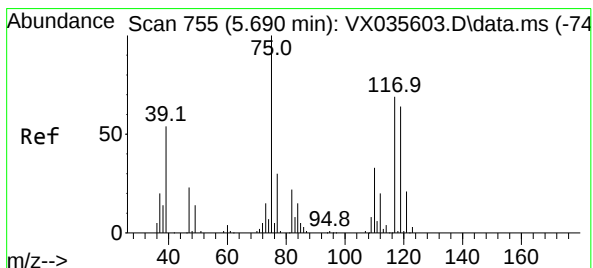
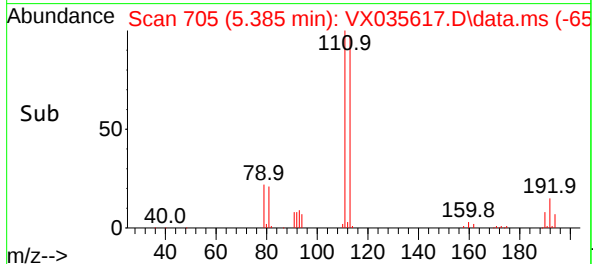
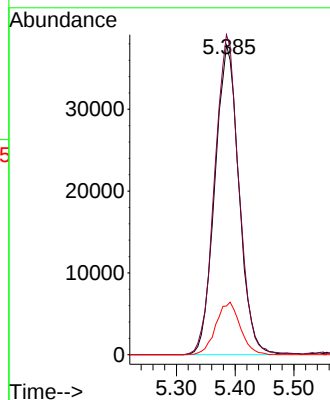
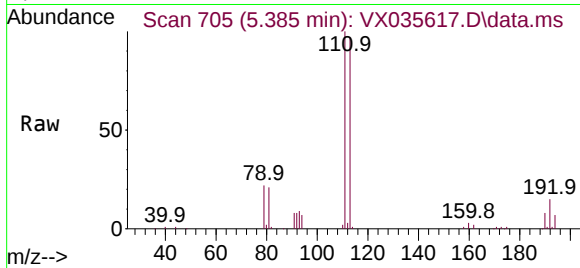




#35
Dibromofluoromethane
Concen: 47.674 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035617.D
Acq: 11 May 2023 19:00

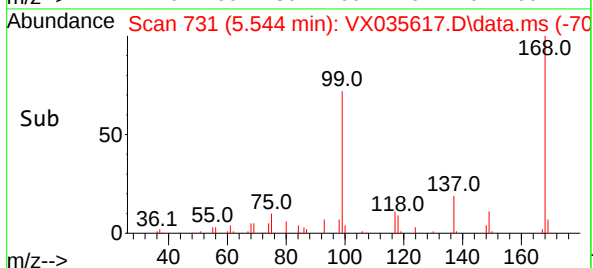
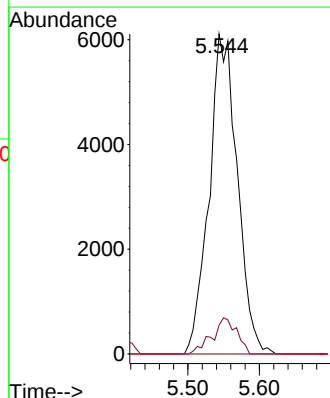
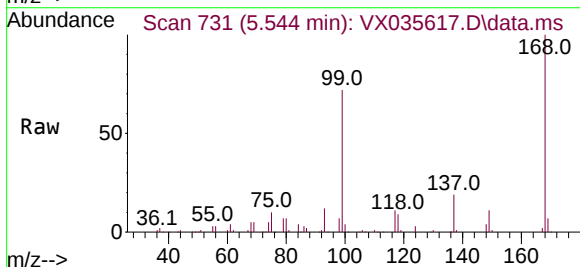
Instrument :
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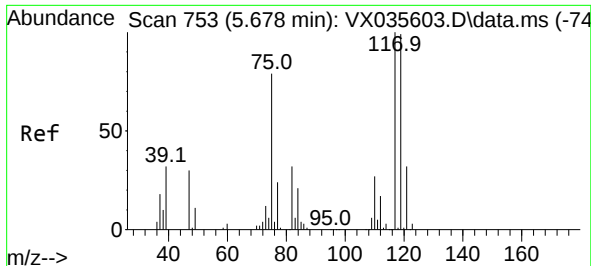
Tgt Ion:113 Resp: 107784
Ion Ratio Lower Upper
113 100
111 103.6 83.7 125.5
192 17.1 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.689 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX035617.D
Acq: 11 May 2023 19:00

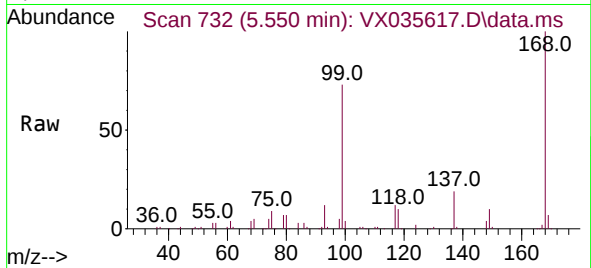
Tgt Ion: 75 Resp: 16734
Ion Ratio Lower Upper
75 100
110 9.9 17.5 52.5#
77 0.0 24.3 36.5#



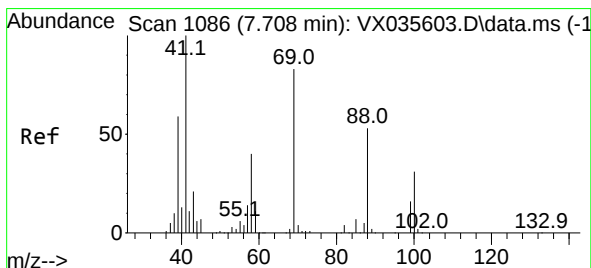
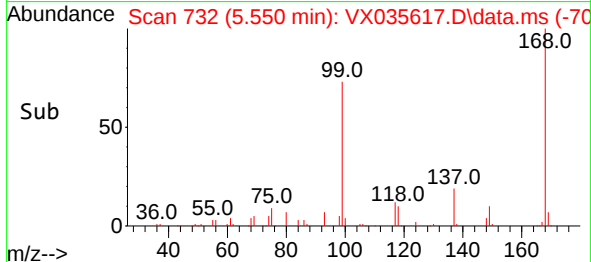
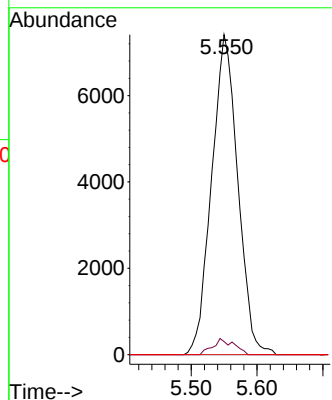


#38
Carbon Tetrachloride
Concen: 6.076 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX035617.D
Acq: 11 May 2023 19:00

Instrument :
MSVOA_X
ClientSampleId :
TB-01-20230510

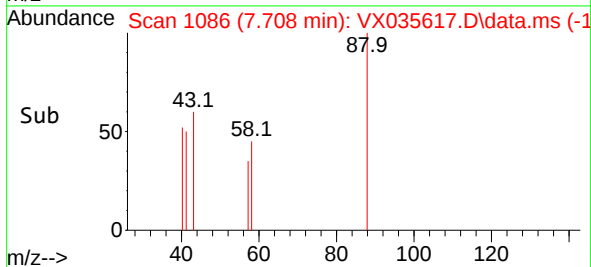
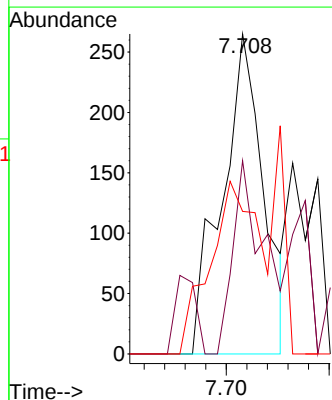
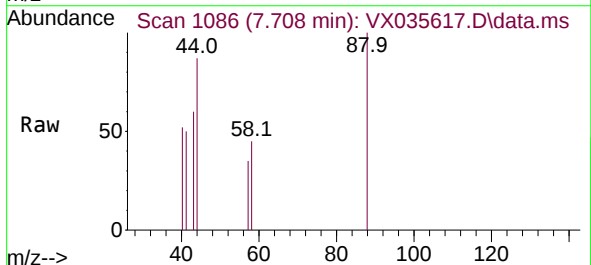


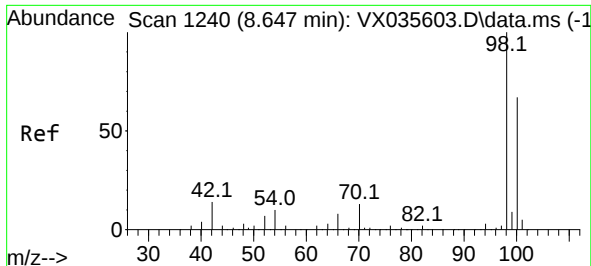
Tgt Ion:117 Resp: 20539
Ion Ratio Lower Upper
117 100
119 4.1 76.6 114.8#
121 0.0 23.8 35.6#



#49
1,4-Dioxane
Concen: 7.235 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VX035617.D
Acq: 11 May 2023 19:00

Tgt Ion: 88 Resp: 372
Ion Ratio Lower Upper
88 100
43 45.2 27.7 41.5#
58 0.0 56.8 85.2#

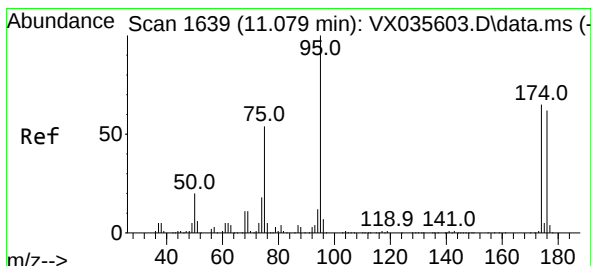
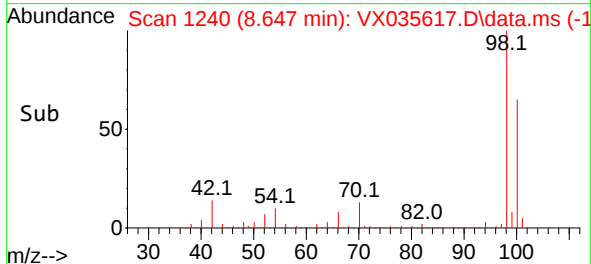
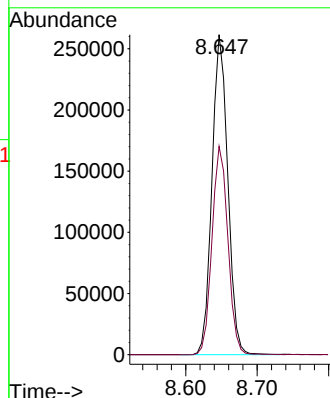
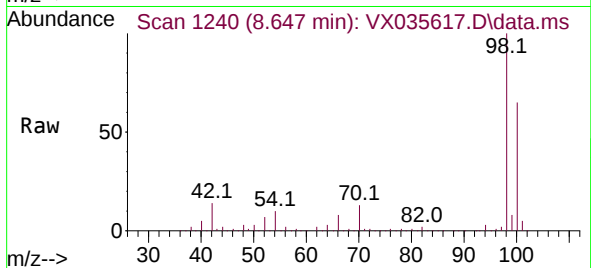




#50
Toluene-d8
Concen: 48.103 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035617.D
Acq: 11 May 2023 19:00

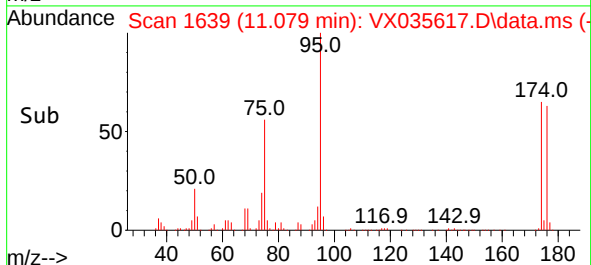
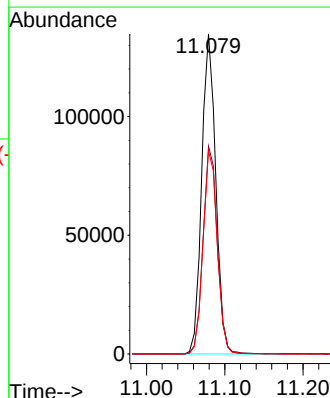
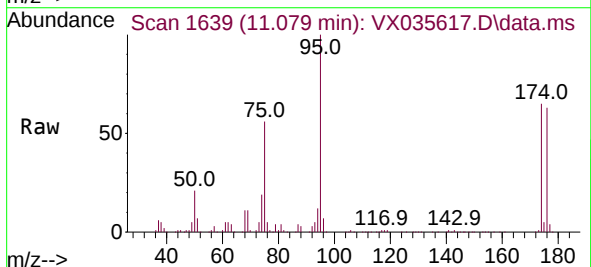
Instrument :
MSVOA_X
ClientSampleId :
TB-01-20230510

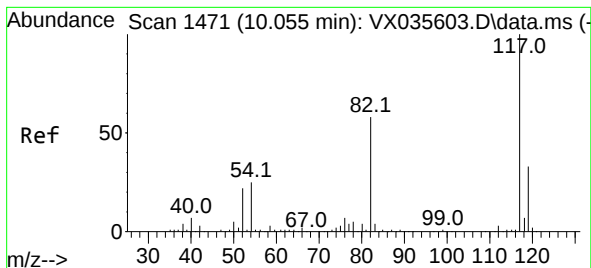
Tgt Ion: 98 Resp: 401764
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 49.826 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035617.D
Acq: 11 May 2023 19:00

Tgt Ion: 95 Resp: 167561
Ion Ratio Lower Upper
95 100
174 65.6 0.0 147.4
176 64.2 0.0 140.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX035617.D

Acq: 11 May 2023 19:00

Instrument :

MSVOA_X

ClientSampleId :

TB-01-20230510

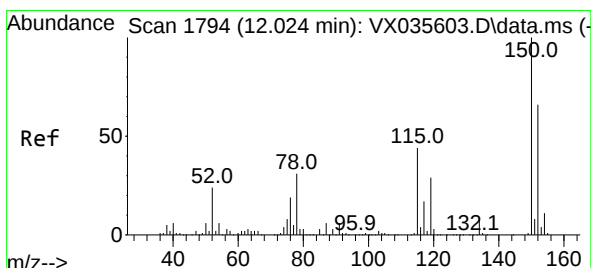
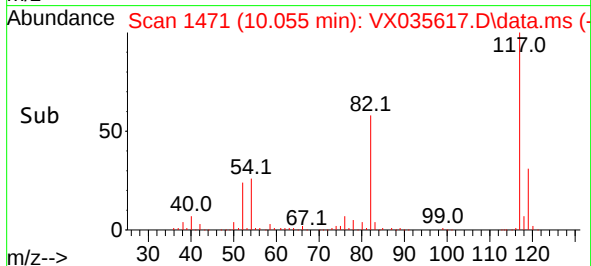
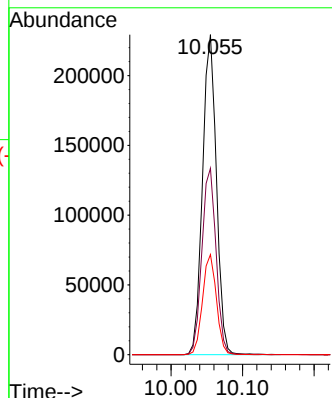
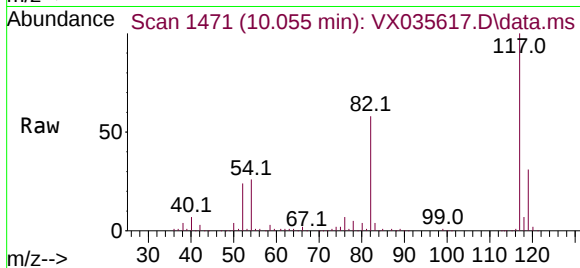
Tgt Ion:117 Resp: 309824

Ion Ratio Lower Upper

117 100

82 58.3 45.0 67.4

119 31.3 26.0 39.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX035617.D

Acq: 11 May 2023 19:00

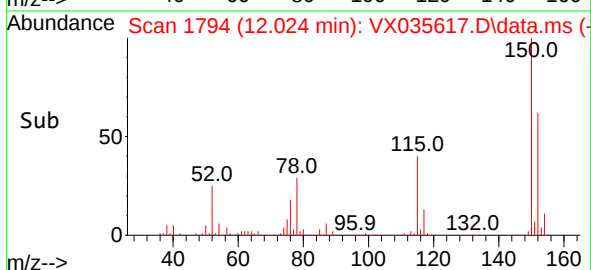
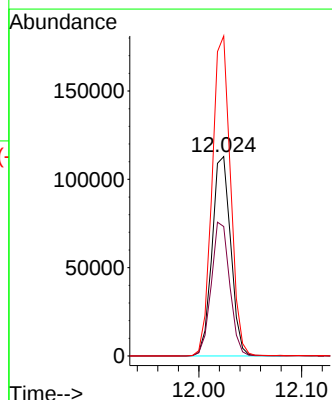
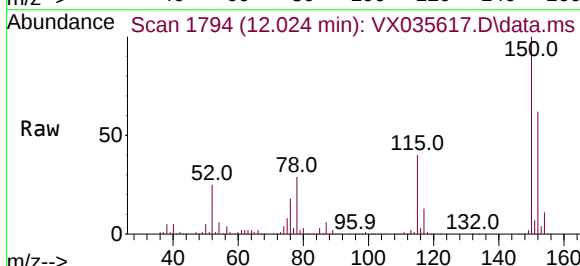
Tgt Ion:152 Resp: 142122

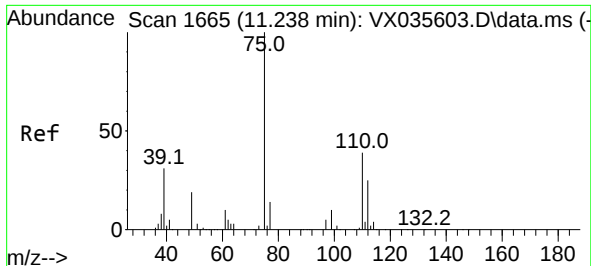
Ion Ratio Lower Upper

152 100

115 66.2 45.0 135.0

150 158.3 0.0 352.4

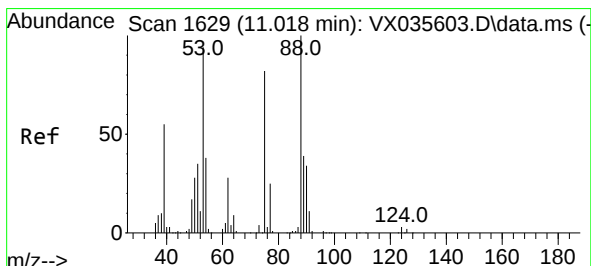
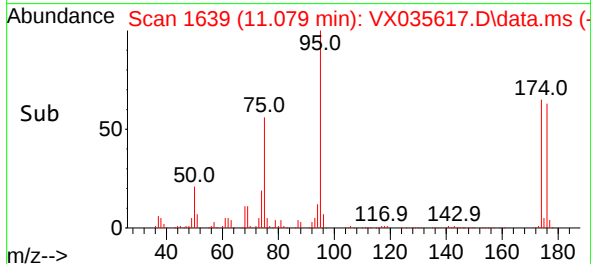
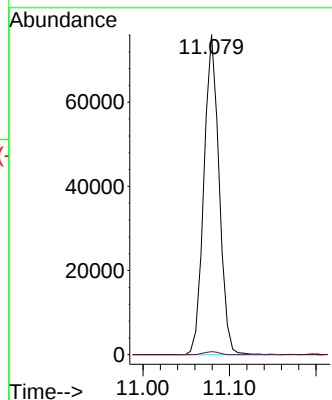
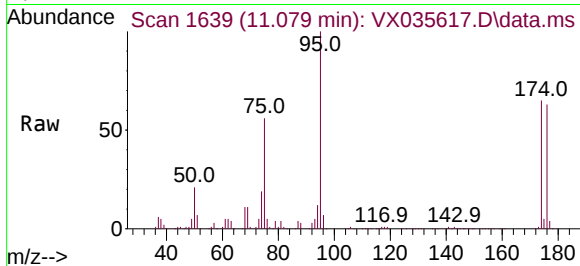




#76
1,2,3-Trichloropropane
Concen: 26.664 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035617.D
Acq: 11 May 2023 19:00

Instrument :
MSVOA_X
ClientSampleId :
TB-01-20230510

Tgt Ion: 75 Resp: 92693
Ion Ratio Lower Upper
75 100
77 0.9 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.934 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035617.D
Acq: 11 May 2023 19:00

Tgt Ion: 75 Resp: 92693
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

