

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051023\
 Data File : VX035590.D
 Acq On : 10 May 2023 16:46
 Operator : JC/MD
 Sample : 02719-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01_20230509

Quant Time: May 11 04:24:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

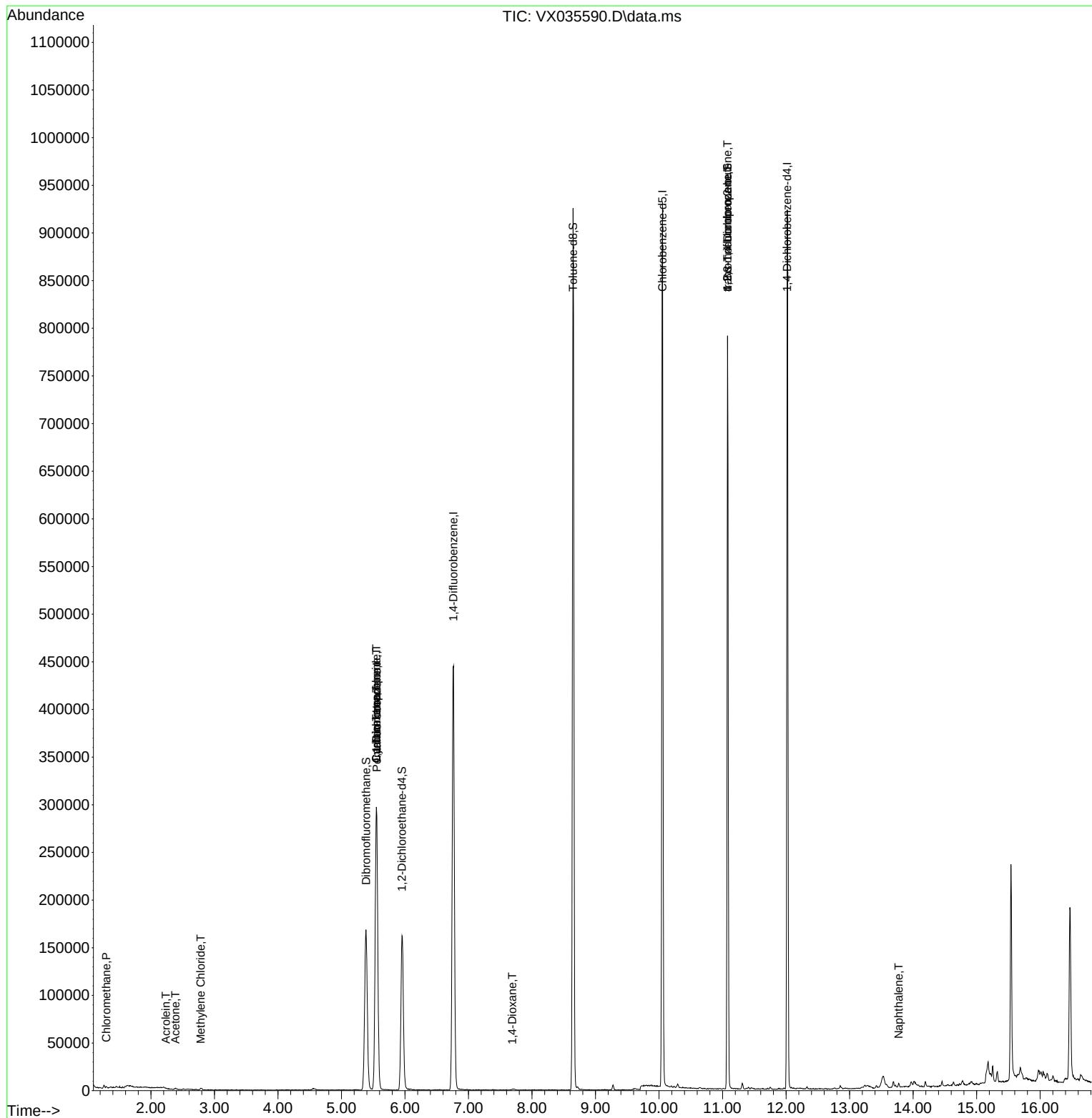
Internal Standards						
1) Pentafluorobenzene	5.556	168	306427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	495749	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	445953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	208776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	156035	42.207	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.420%
35) Dibromofluoromethane	5.385	113	150584	49.489	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.980%
50) Toluene-d8	8.647	98	566415	49.347	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.700%
62) 4-Bromofluorobenzene	11.079	95	215503	49.909	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.820%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	1134	0.384	ug/l #	82
13) Acrolein	2.233	56	135	0.204	ug/l #	11
16) Acetone	2.386	43	1804	1.124	ug/l #	88
20) Methylene Chloride	2.782	84	841	0.228	ug/l #	80
31) Cyclohexane	5.550	56	5076	0.968	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	19734	4.154	ug/l #	51
38) Carbon Tetrachloride	5.550	117	29174	6.468	ug/l #	16
49) 1,4-Dioxane	7.690	88	1263	14.487	ug/l #	60
76) 1,2,3-Trichloropropane	11.079	75	98162	23.571	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	98162	76.340	ug/l #	8
95) Naphthalene	13.774	128	2991	0.214	ug/l #	92

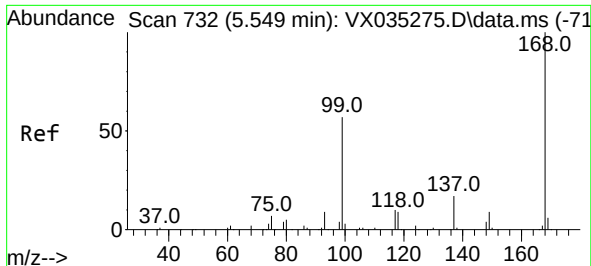
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
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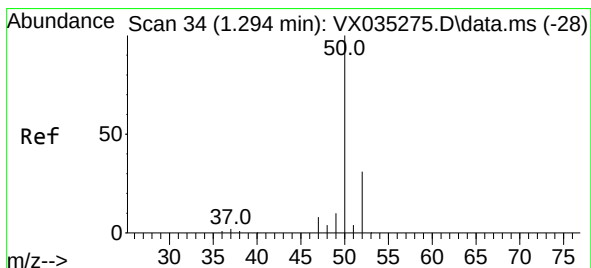
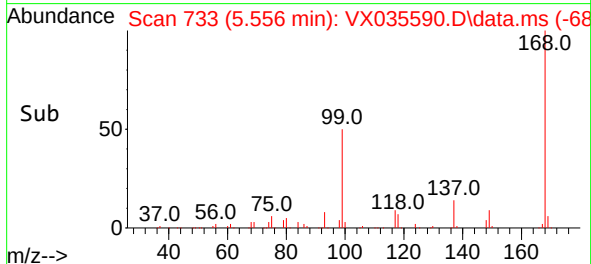
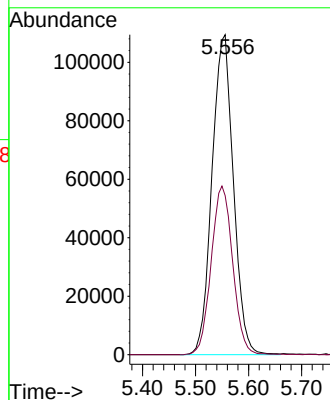
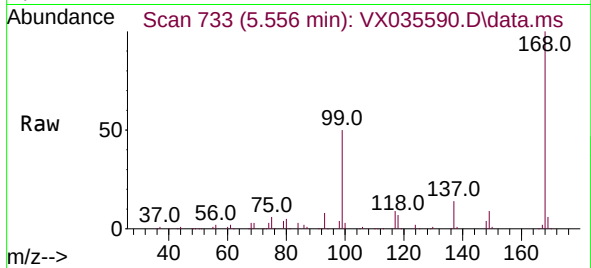




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX035590.D
Acq: 10 May 2023 16:46

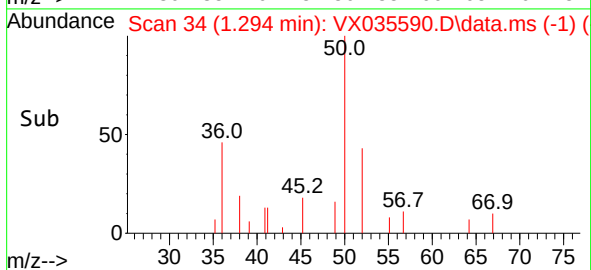
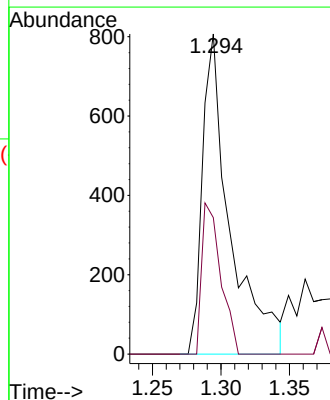
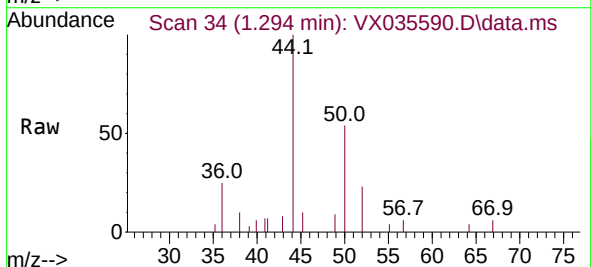
Instrument :
MSVOA_X
ClientSampleId :
TB-01_20230509

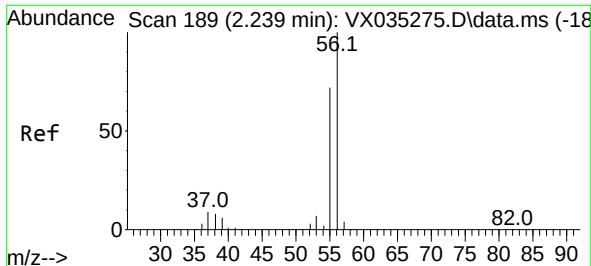
Tgt Ion:168 Resp: 306427
Ion Ratio Lower Upper
168 100
99 49.7 45.7 68.5



#3
Chloromethane
Concen: 0.384 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035590.D
Acq: 10 May 2023 16:46

Tgt Ion: 50 Resp: 1134
Ion Ratio Lower Upper
50 100
52 42.6 25.9 38.9#

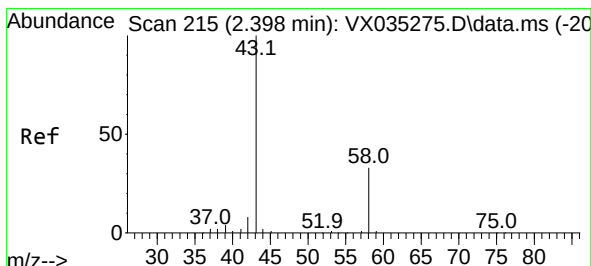
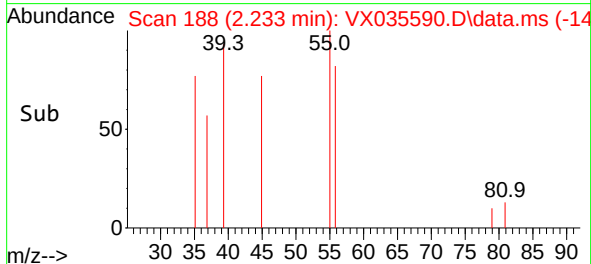
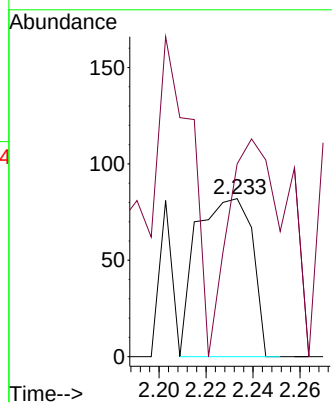
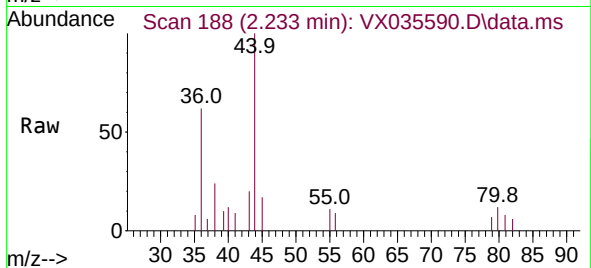




#13
Acrolein
Concen: 0.204 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX035590.D
Acq: 10 May 2023 16:46

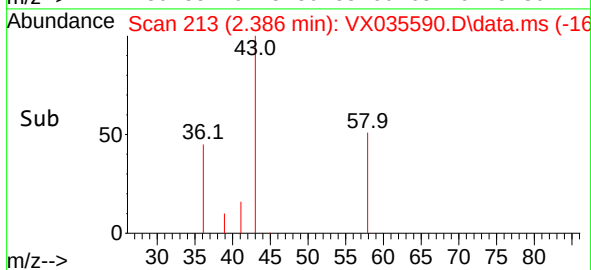
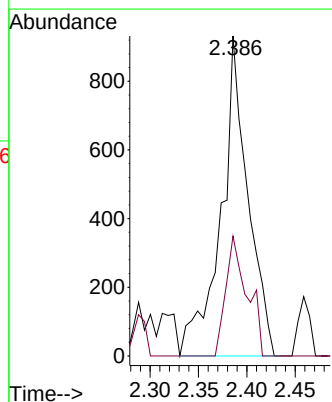
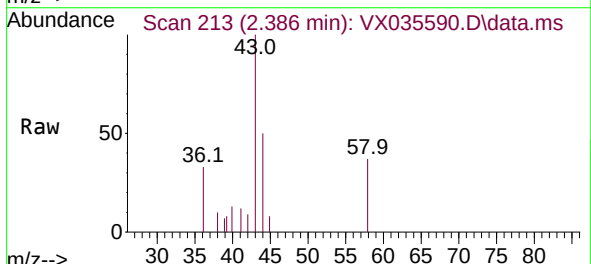
Instrument :
MSVOA_X
ClientSampleId :
TB-01_20230509

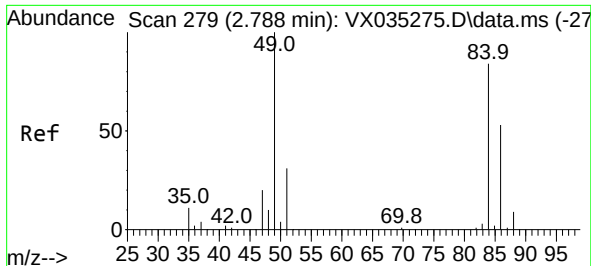
Tgt Ion: 56 Resp: 135
Ion Ratio Lower Upper
56 100
55 144.4 56.6 85.0#



#16
Acetone
Concen: 1.124 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX035590.D
Acq: 10 May 2023 16:46

Tgt Ion: 43 Resp: 1804
Ion Ratio Lower Upper
43 100
58 37.4 24.7 37.1#





#20

Methylene Chloride

Concen: 0.228 ug/l

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX035590.D

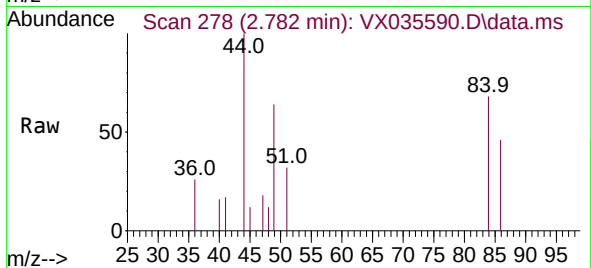
Acq: 10 May 2023 16:46

Instrument :

MSVOA_X

ClientSampleId :

TB-01_20230509



Tgt Ion: 84 Resp: 841

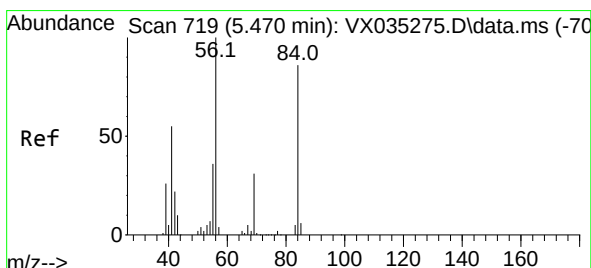
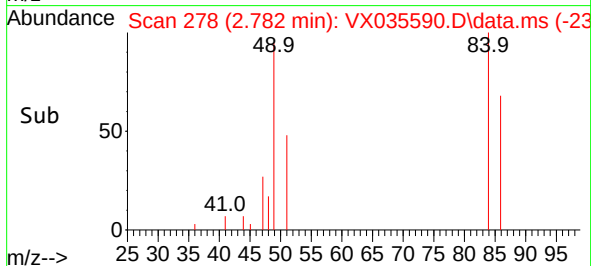
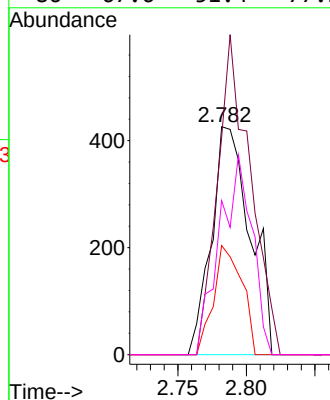
Ion Ratio Lower Upper

84 100

49 95.3 103.8 155.8#

51 47.9 31.8 47.8#

86 67.6 51.4 77.2



#31

Cyclohexane

Concen: 0.968 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.080 min

Lab File: VX035590.D

Acq: 10 May 2023 16:46

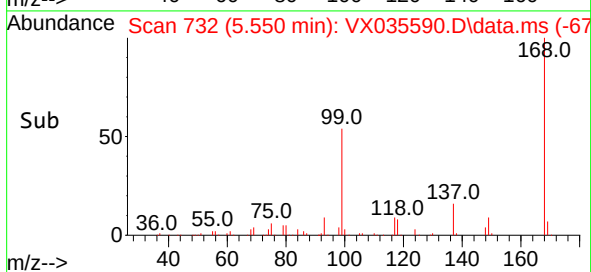
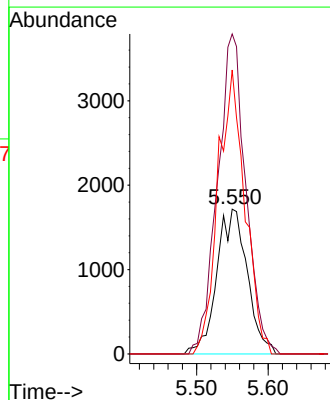
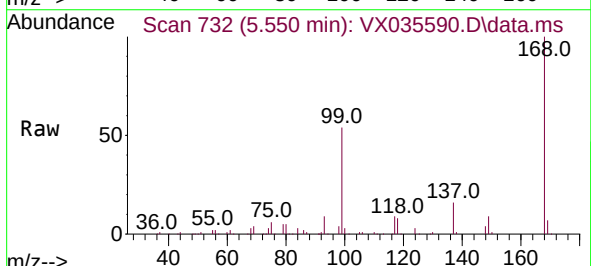
Tgt Ion: 56 Resp: 5076

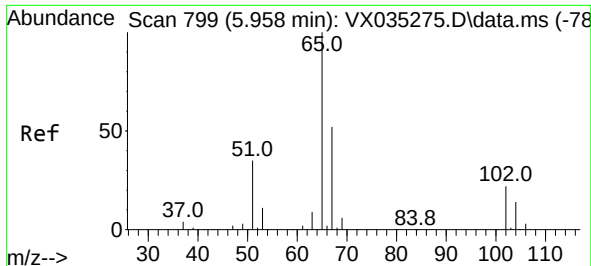
Ion Ratio Lower Upper

56 100

69 221.1 23.7 35.5#

84 196.2 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 42.207 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX035590.D

Acq: 10 May 2023 16:46

Instrument :

MSVOA_X

ClientSampleId :

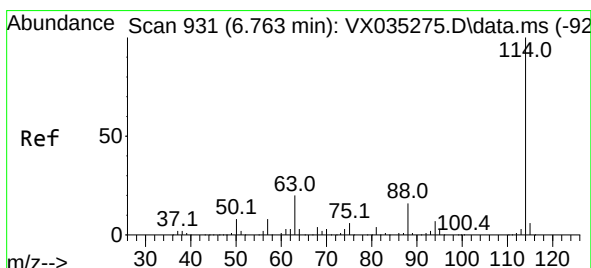
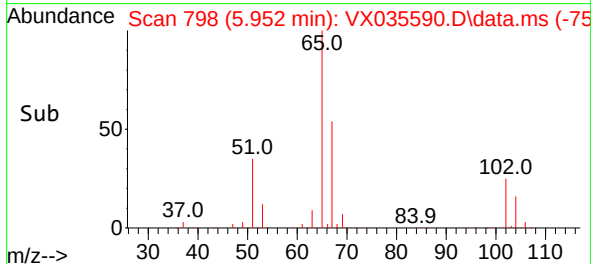
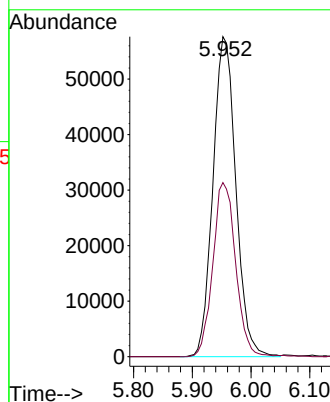
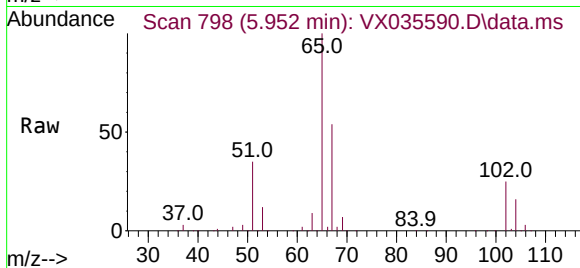
TB-01_20230509

Tgt Ion: 65 Resp: 156035

Ion Ratio Lower Upper

65 100

67 54.1 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: VX035590.D

Acq: 10 May 2023 16:46

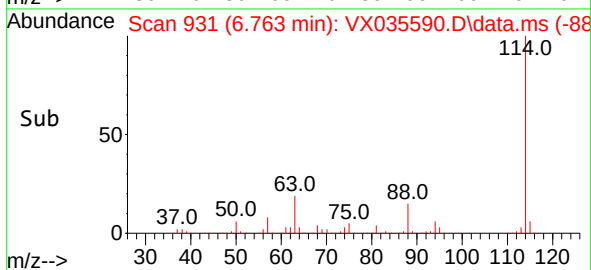
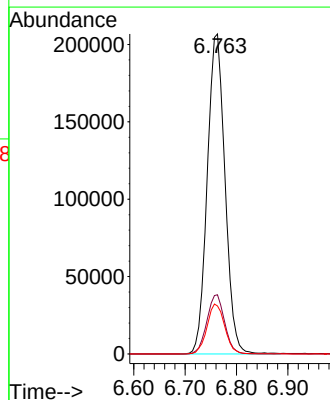
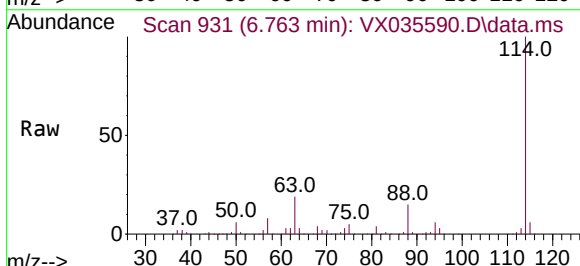
Tgt Ion: 114 Resp: 495749

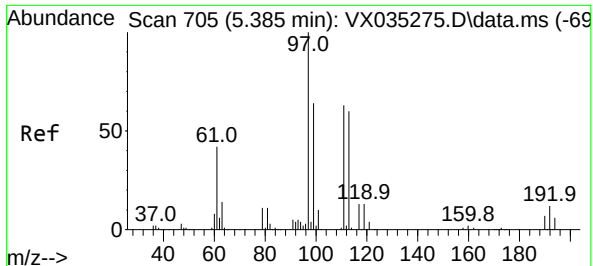
Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.2

88 15.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.489 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035590.D

Acq: 10 May 2023 16:46

Instrument :

MSVOA_X

ClientSampleId :

TB-01_20230509

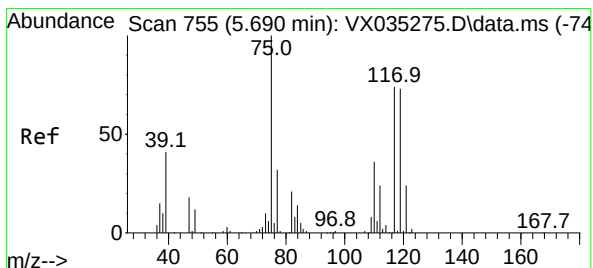
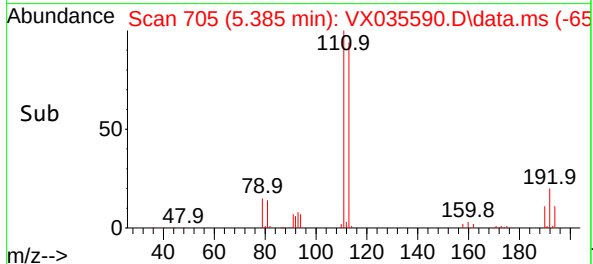
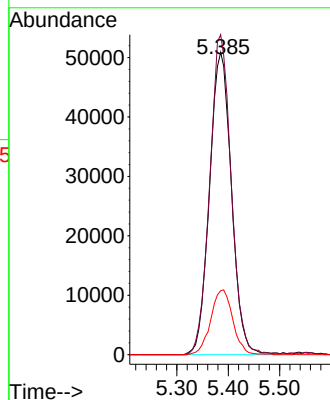
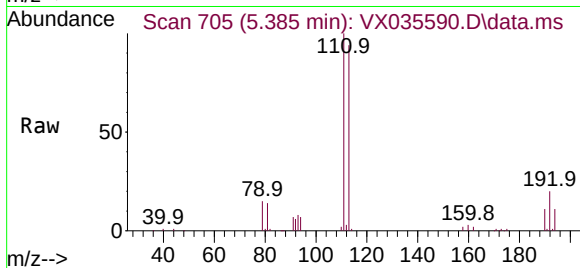
Tgt Ion:113 Resp: 150584

Ion Ratio Lower Upper

113 100

111 103.7 83.7 125.5

192 21.6 15.4 23.2



#36

1,1-Dichloropropene

Concen: 4.154 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX035590.D

Acq: 10 May 2023 16:46

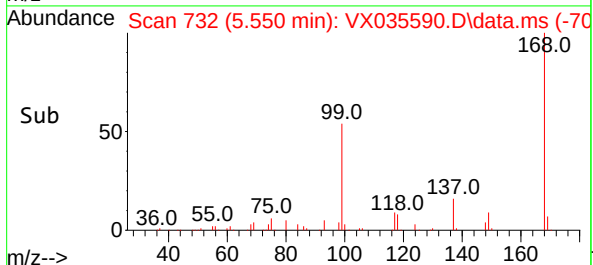
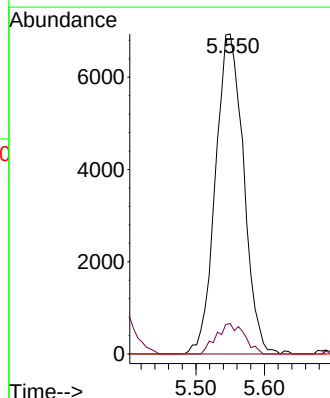
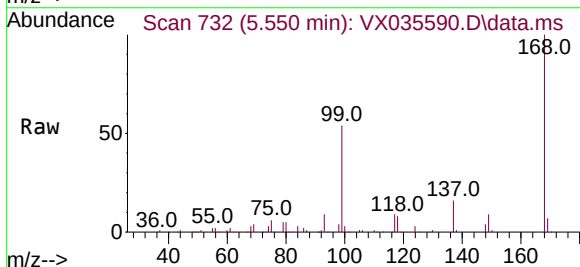
Tgt Ion: 75 Resp: 19734

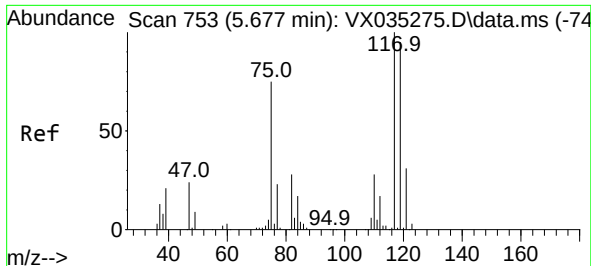
Ion Ratio Lower Upper

75 100

110 9.5 17.5 52.5#

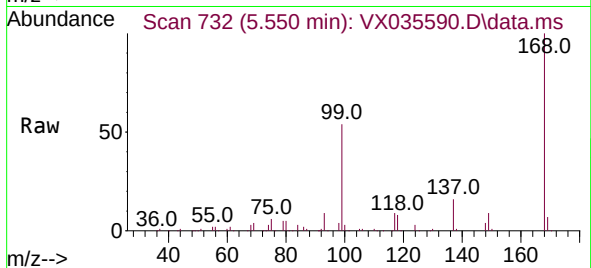
77 0.0 24.3 36.5#



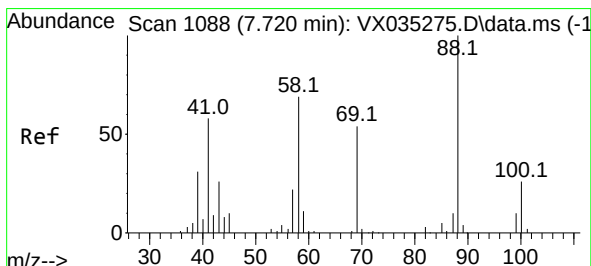
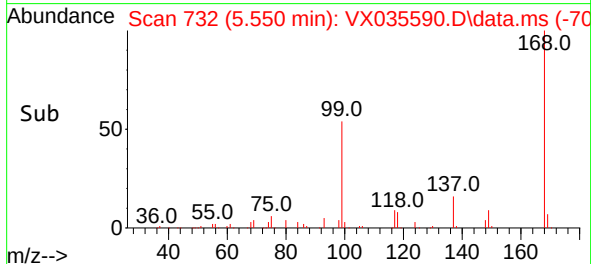
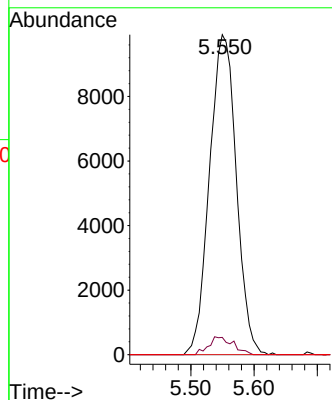


#38
Carbon Tetrachloride
Concen: 6.468 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX035590.D
Acq: 10 May 2023 16:46

Instrument :
MSVOA_X
ClientSampleId :
TB-01_20230509

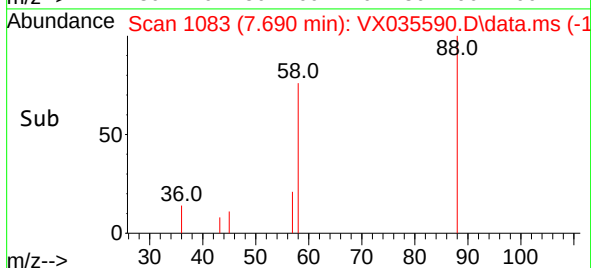
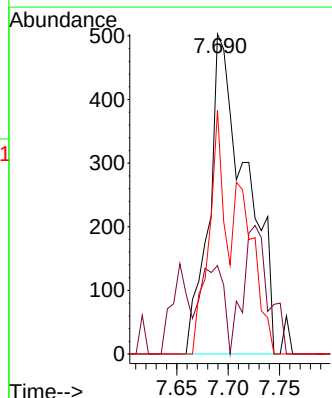
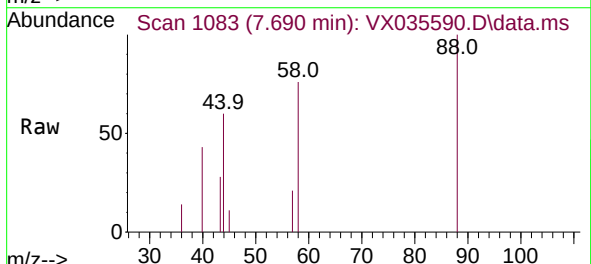


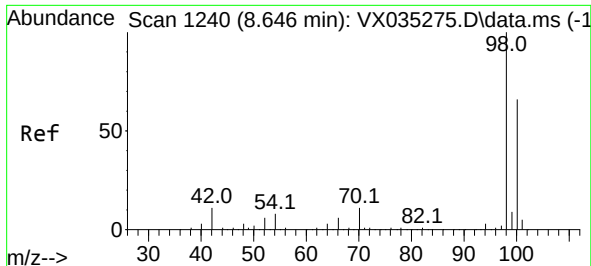
Tgt Ion:117 Resp: 29174
Ion Ratio Lower Upper
117 100
119 5.4 76.6 114.8#
121 0.0 23.8 35.6#



#49
1,4-Dioxane
Concen: 14.487 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.030 min
Lab File: VX035590.D
Acq: 10 May 2023 16:46

Tgt Ion: 88 Resp: 1263
Ion Ratio Lower Upper
88 100
43 17.3 27.7 41.5#
58 33.6 56.8 85.2#

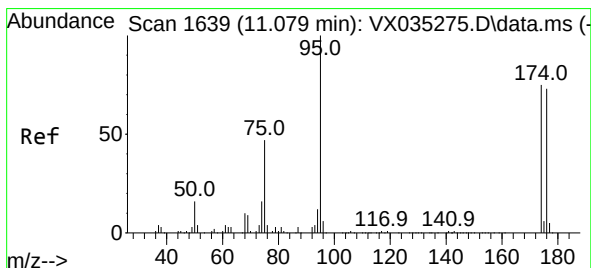
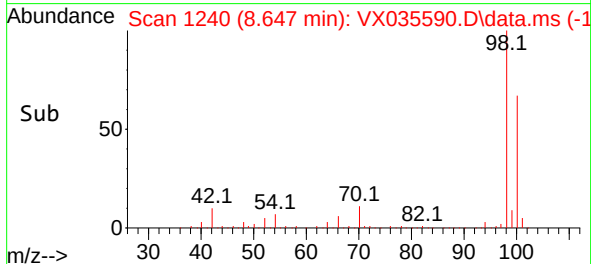
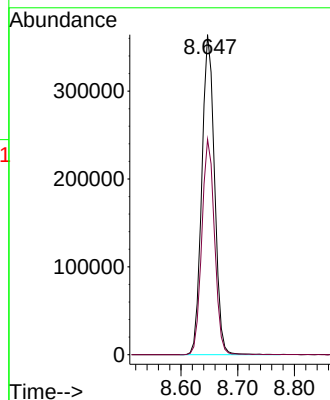
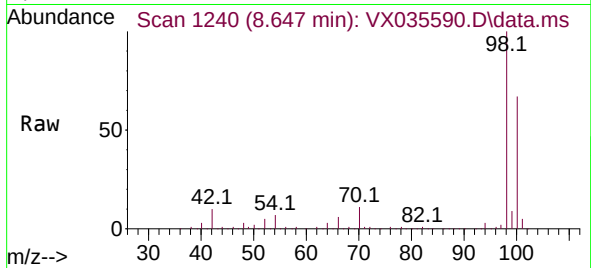




#50
Toluene-d8
Concen: 49.347 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035590.D
Acq: 10 May 2023 16:46

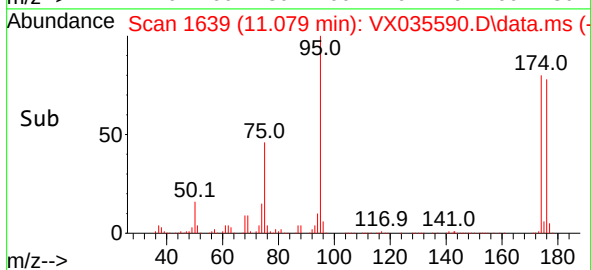
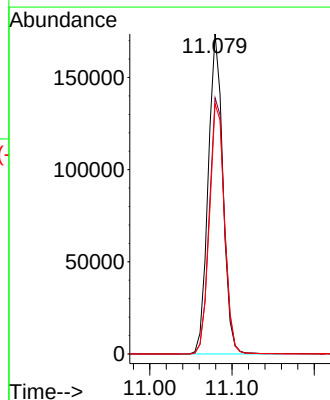
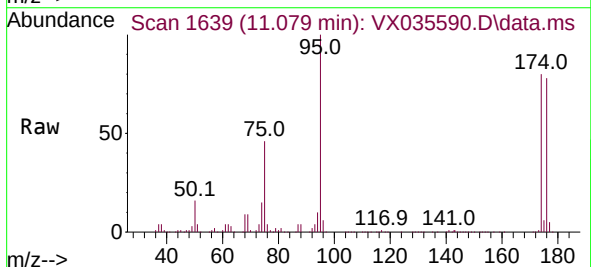
Instrument :
MSVOA_X
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TB-01_20230509

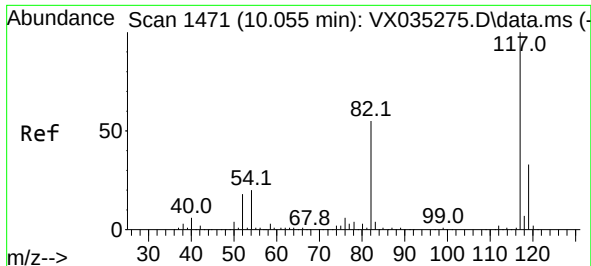
Tgt Ion: 98 Resp: 566415
Ion Ratio Lower Upper
98 100
100 67.3 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 49.909 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035590.D
Acq: 10 May 2023 16:46

Tgt Ion: 95 Resp: 215503
Ion Ratio Lower Upper
95 100
174 82.2 0.0 147.4
176 80.1 0.0 140.6

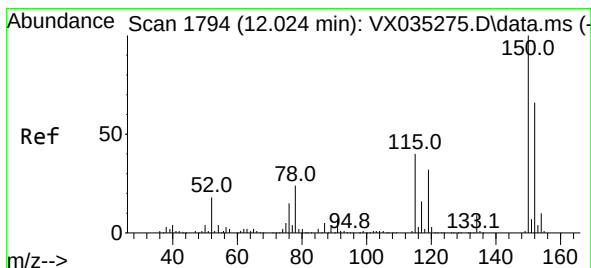
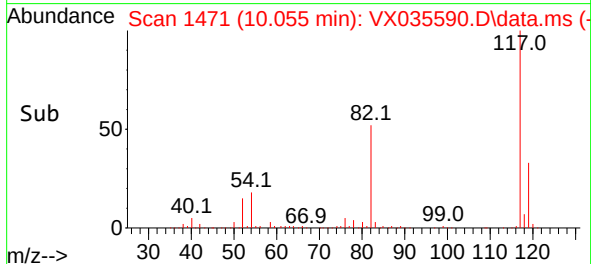
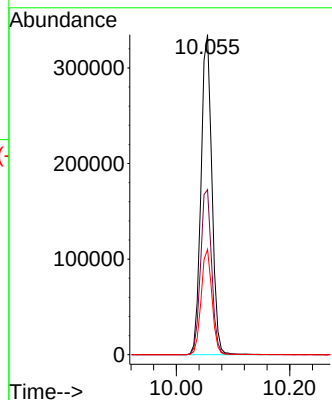
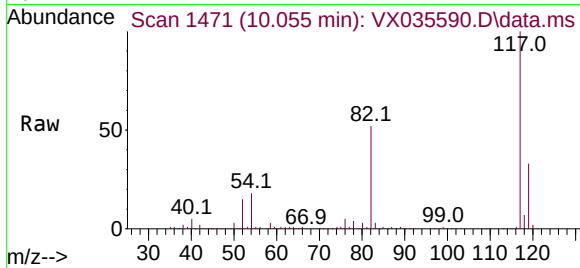




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035590.D
Acq: 10 May 2023 16:46

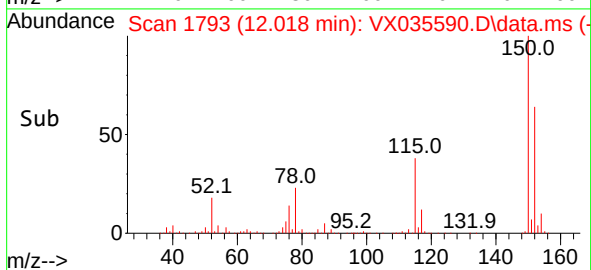
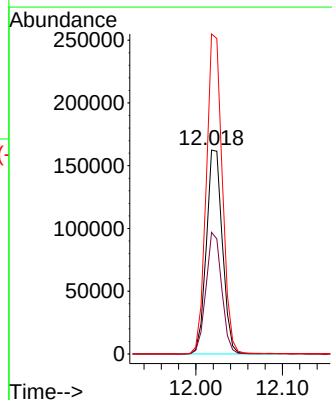
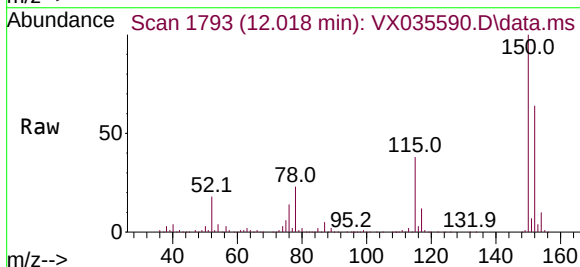
Instrument :
MSVOA_X
ClientSampleId :
TB-01_20230509

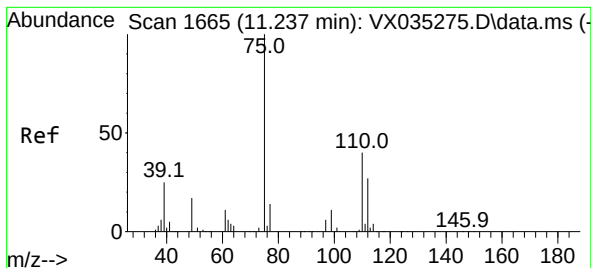
Tgt Ion:117 Resp: 445953
Ion Ratio Lower Upper
117 100
82 51.6 45.0 67.4
119 32.9 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX035590.D
Acq: 10 May 2023 16:46

Tgt Ion:152 Resp: 208776
Ion Ratio Lower Upper
152 100
115 58.4 45.0 135.0
150 156.6 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 23.571 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX035590.D

Acq: 10 May 2023 16:46

Instrument :

MSVOA_X

ClientSampleId :

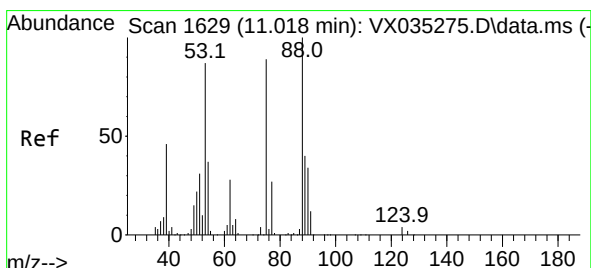
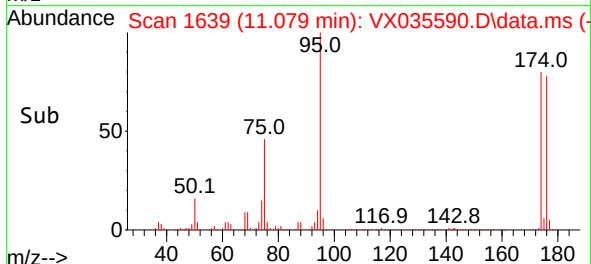
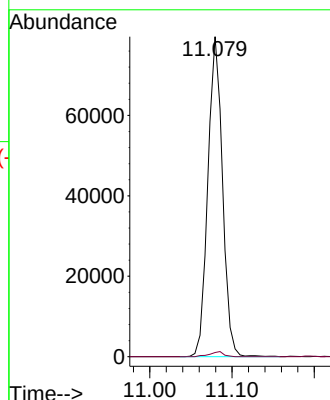
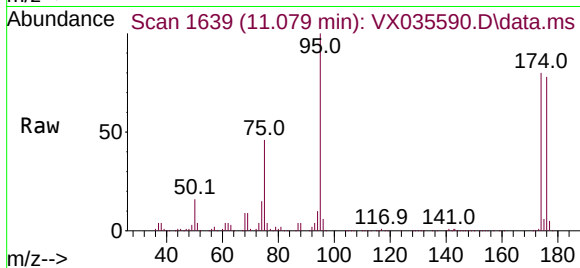
TB-01_20230509

Tgt Ion: 75 Resp: 98162

Ion Ratio Lower Upper

75 100

77 1.5 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 76.340 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX035590.D

Acq: 10 May 2023 16:46

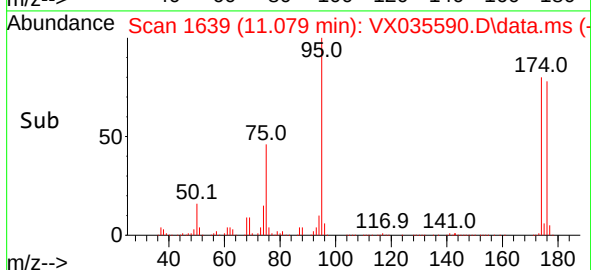
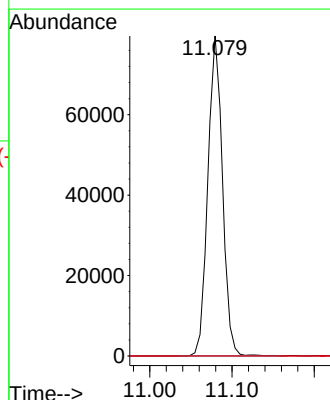
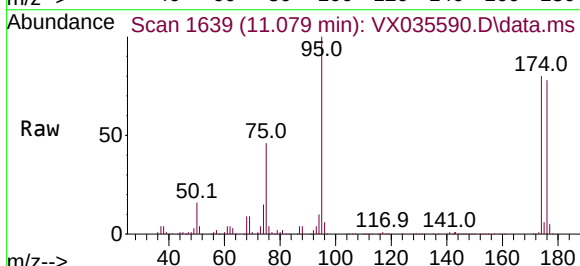
Tgt Ion: 75 Resp: 98162

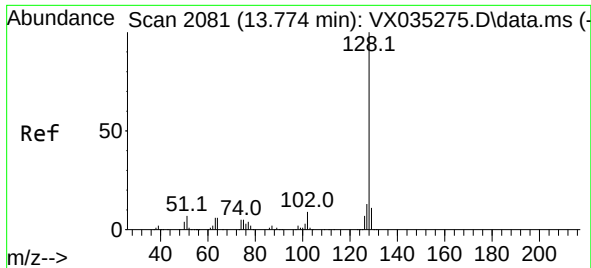
Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

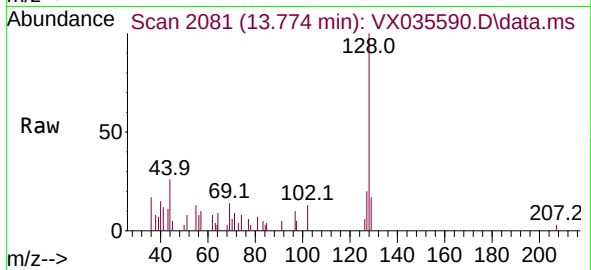
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 0.214 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX035590.D
Acq: 10 May 2023 16:46

Instrument :
MSVOA_X
ClientSampleId :
TB-01_20230509



Tgt Ion:128 Resp: 2991
Ion Ratio Lower Upper
128 100
127 16.2 10.2 15.4#
129 13.5 8.6 13.0#

