

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112224\
 Data File : VX043956.D
 Acq On : 22 Nov 2024 13:48
 Operator : JC/MD
 Sample : P4846-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-1-20241113

Quant Time: Nov 22 22:22:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

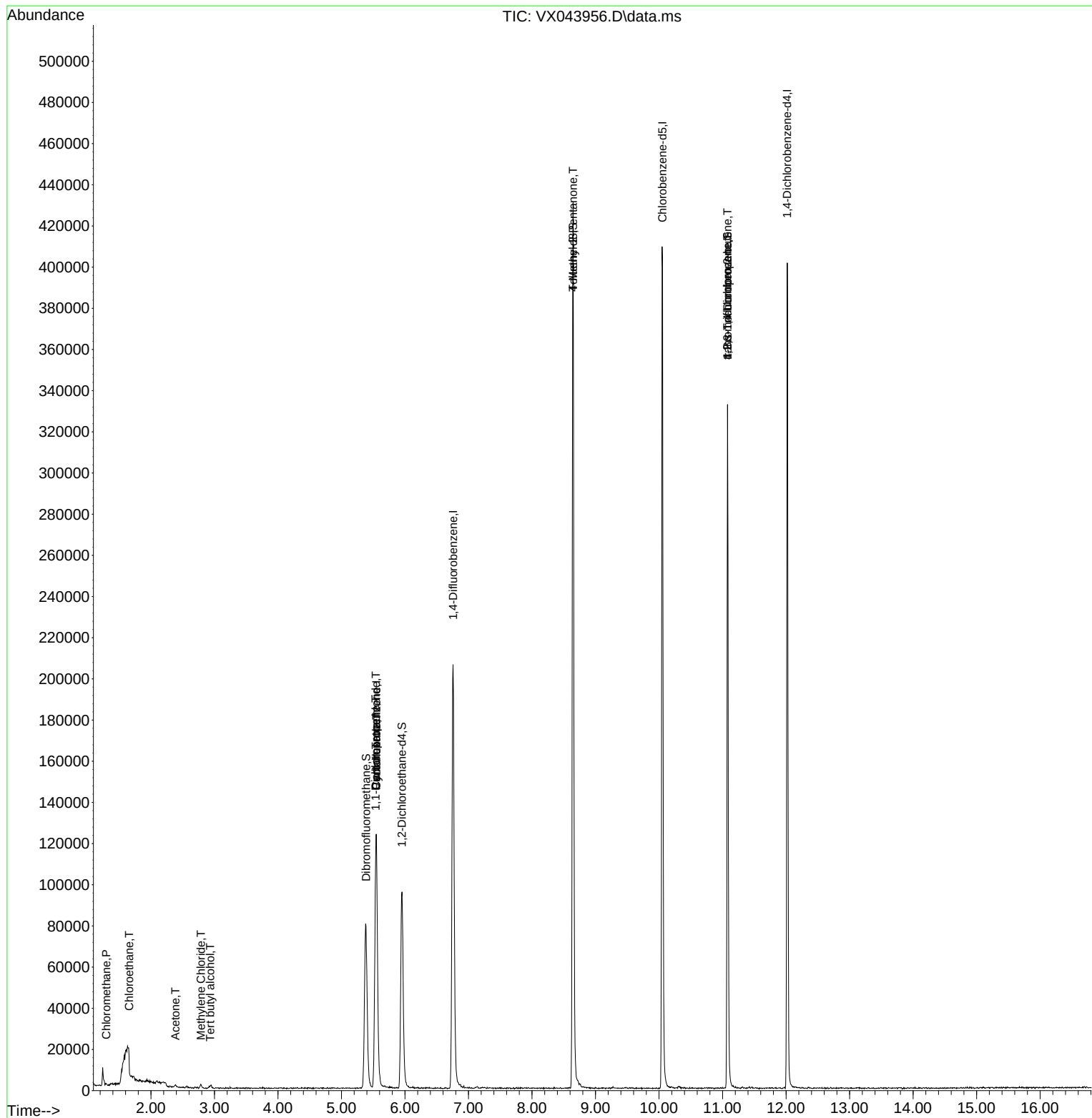
Internal Standards						
1) Pentafluorobenzene	5.550	168	108190	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	209028	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	77306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95353	51.385	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.780%	
35) Dibromofluoromethane	5.385	113	68378	45.780	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 91.560%	
50) Toluene-d8	8.647	98	259958	50.491	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.980%	
62) 4-Bromofluorobenzene	11.079	95	84771	48.379	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 96.760%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	649	0.450	ug/l	94
6) Chloroethane	1.654	64	202	0.216	ug/l #	42
11) Tert butyl alcohol	2.934	59	531	1.783	ug/l #	73
16) Acetone	2.386	43	1389	1.630	ug/l #	81
20) Methylene Chloride	2.788	84	633	0.438	ug/l #	90
31) Cyclohexane	5.550	56	3121	1.509	ug/l #	16
36) 1,1-Dichloropropene	5.538	75	10617	5.704	ug/l #	48
38) Carbon Tetrachloride	5.544	117	13280	6.350	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1414	0.630	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.226	63	23	Below Cal	#	46
76) 1,2,3-Trichloropropane	11.079	75	48980	28.891	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	48980	78.838	ug/l #	6

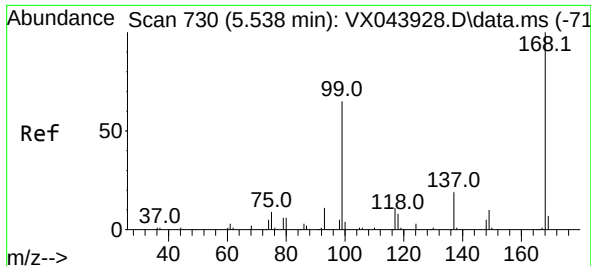
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

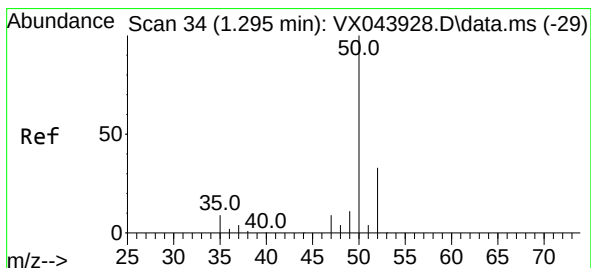
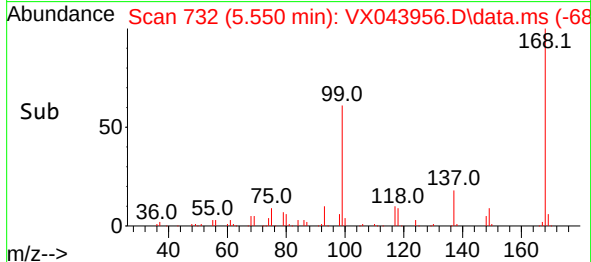
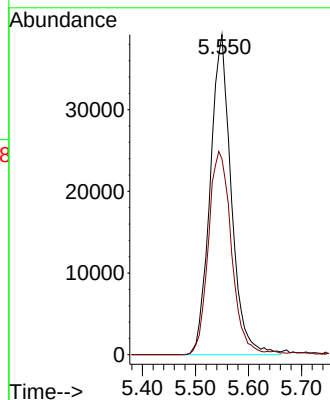
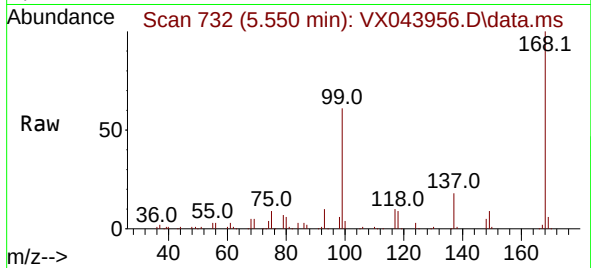




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX043956.D
Acq: 22 Nov 2024 13:48

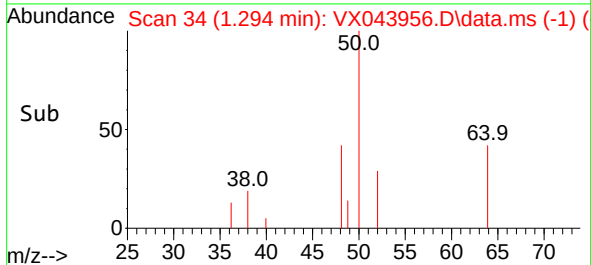
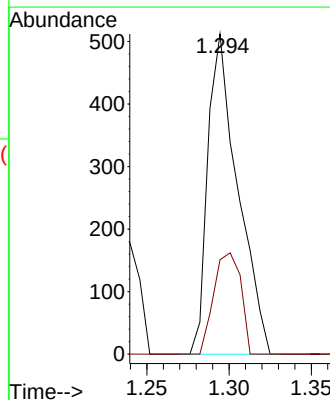
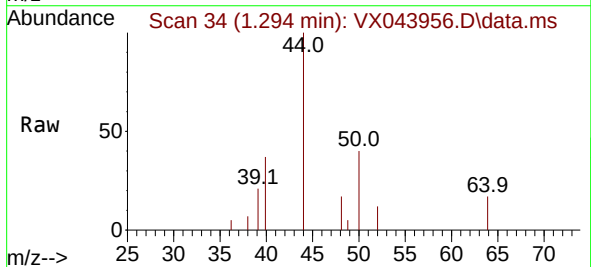
Instrument :
MSVOA_X
ClientSampleId :
TB-1-20241113

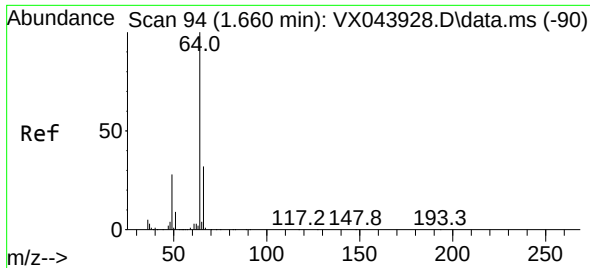
Tgt Ion:168 Resp: 108190
Ion Ratio Lower Upper
168 100
99 61.2 51.8 77.8



#3
Chloromethane
Concen: 0.450 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX043956.D
Acq: 22 Nov 2024 13:48

Tgt Ion: 50 Resp: 649
Ion Ratio Lower Upper
50 100
52 29.5 26.1 39.1

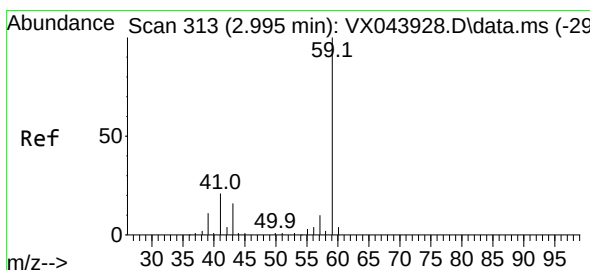
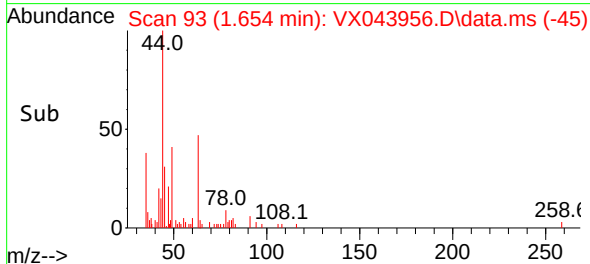
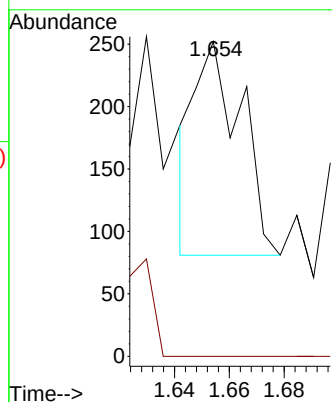
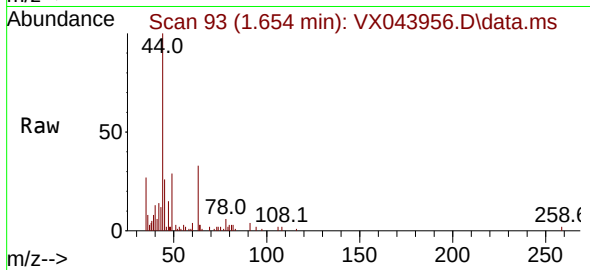




#6
Chloroethane
Concen: 0.216 ug/l
RT: 1.654 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX043956.D
Acq: 22 Nov 2024 13:48

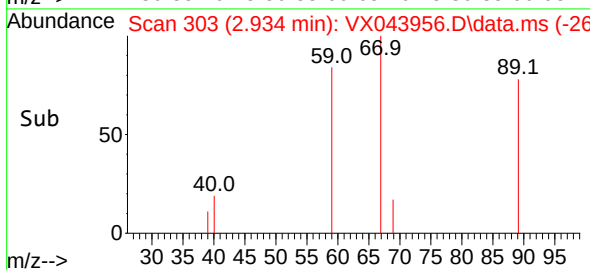
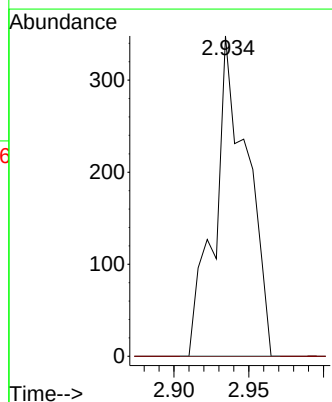
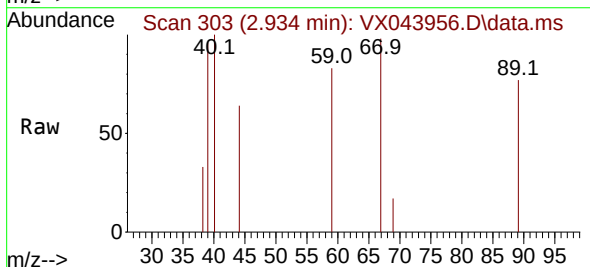
Instrument :
MSVOA_X
ClientSampleId :
TB-1-20241113

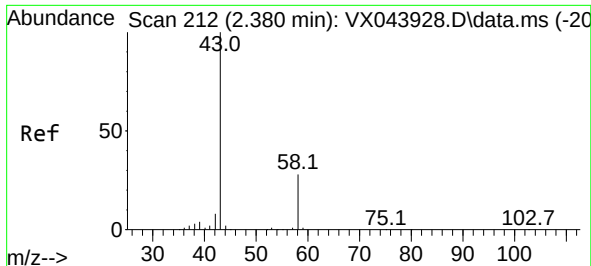
Tgt Ion: 64 Resp: 202
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#



#11
Tert butyl alcohol
Concen: 1.783 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.061 min
Lab File: VX043956.D
Acq: 22 Nov 2024 13:48

Tgt Ion: 59 Resp: 531
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#





#16

Acetone

Concen: 1.630 ug/l

RT: 2.386 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX043956.D

Acq: 22 Nov 2024 13:48

Instrument :

MSVOA_X

ClientSampleId :

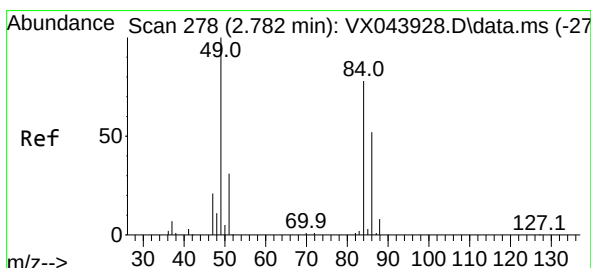
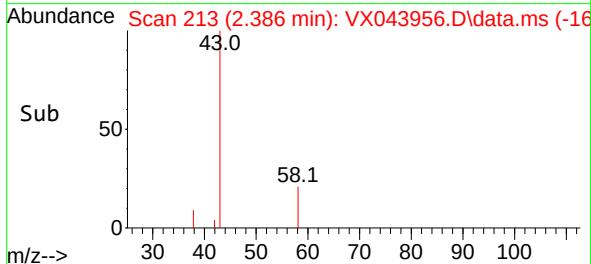
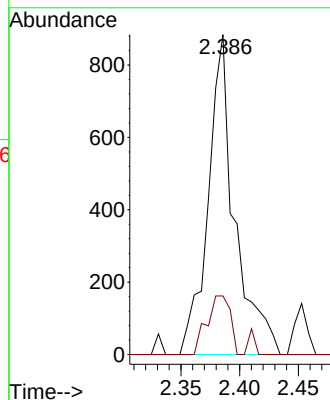
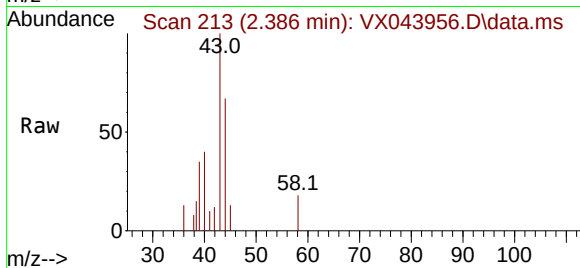
TB-1-20241113

Tgt Ion: 43 Resp: 1389

Ion Ratio Lower Upper

43 100

58 18.3 22.7 34.1#



#20

Methylene Chloride

Concen: 0.438 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.006 min

Lab File: VX043956.D

Acq: 22 Nov 2024 13:48

Tgt Ion: 84 Resp: 633

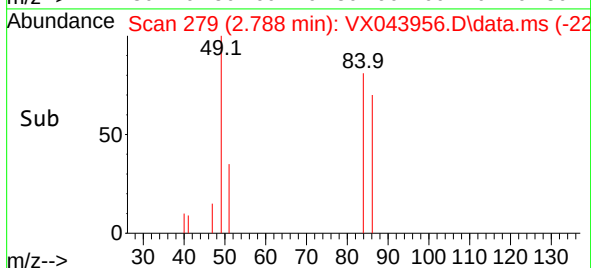
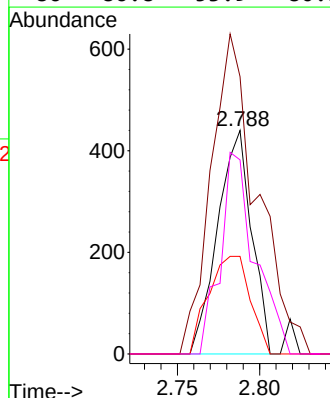
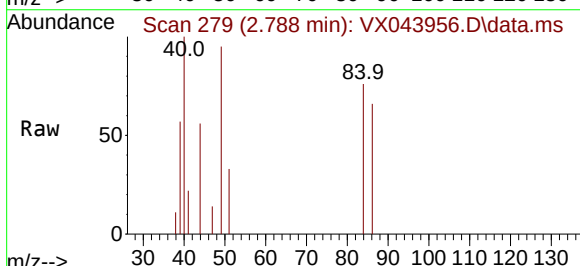
Ion Ratio Lower Upper

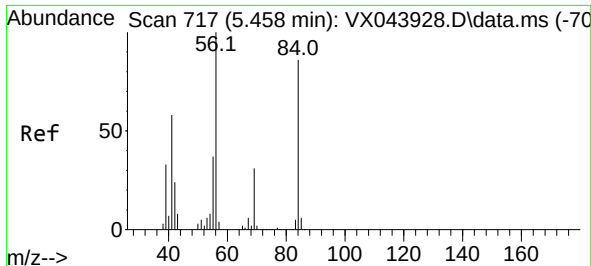
84 100

49 124.1 102.7 154.1

51 43.6 31.7 47.5

86 86.8 53.9 80.9#

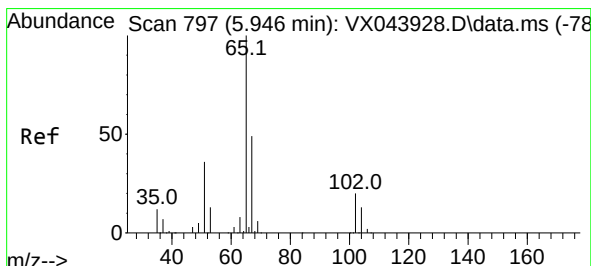
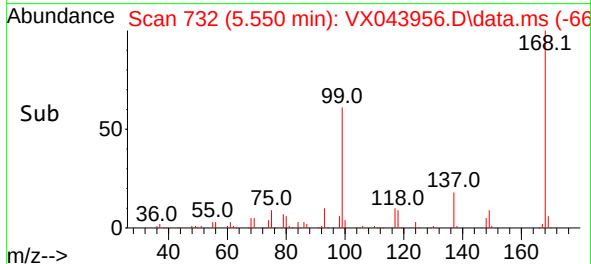
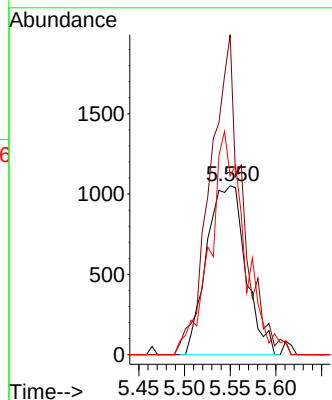
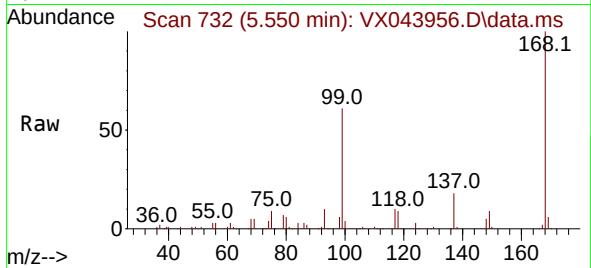




#31
Cyclohexane
Concen: 1.509 ug/l
RT: 5.550 min Scan# 717
Delta R.T. 0.091 min
Lab File: VX043956.D
Acq: 22 Nov 2024 13:48

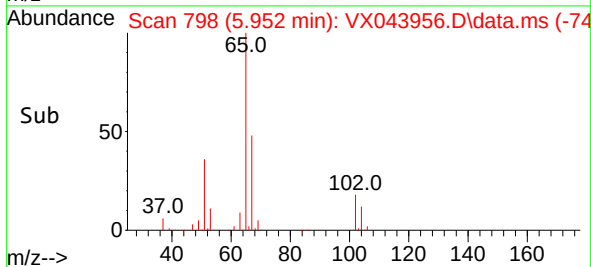
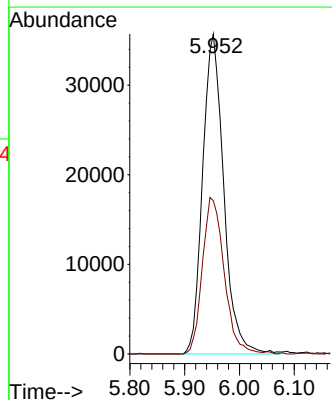
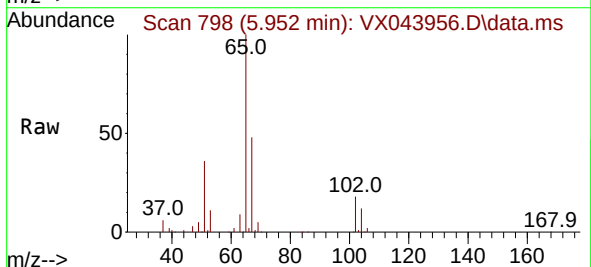
Instrument :
MSVOA_X
ClientSampleId :
TB-1-20241113

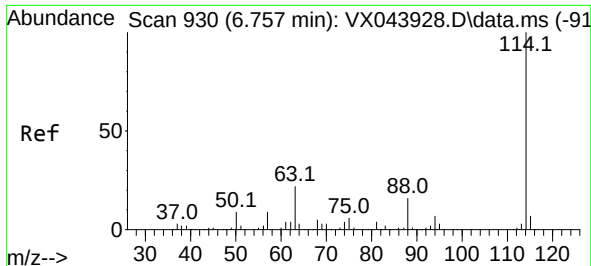
Tgt Ion: 56 Resp: 3121
Ion Ratio Lower Upper
56 100
69 182.9 24.7 37.1#
84 98.8 68.7 103.1



#33
1,2-Dichloroethane-d4
Concen: 51.385 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX043956.D
Acq: 22 Nov 2024 13:48

Tgt Ion: 65 Resp: 95353
Ion Ratio Lower Upper
65 100
67 50.5 0.0 100.8

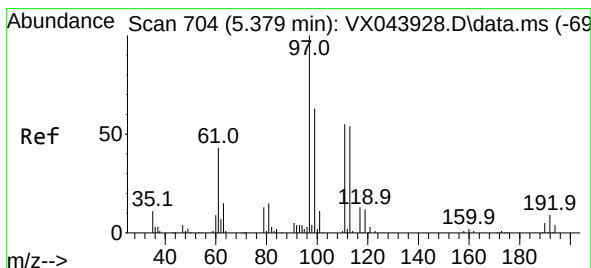
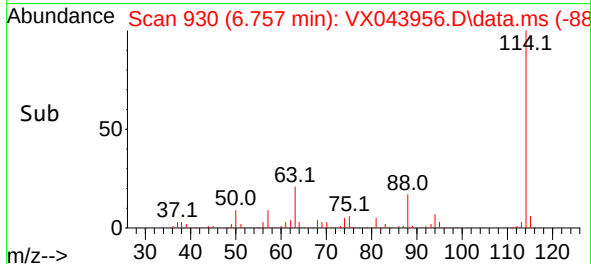
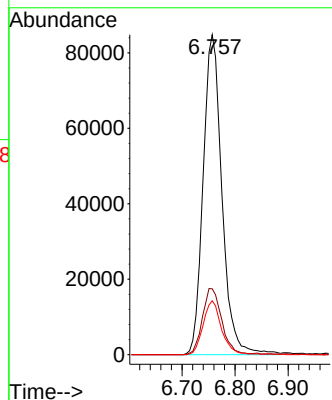
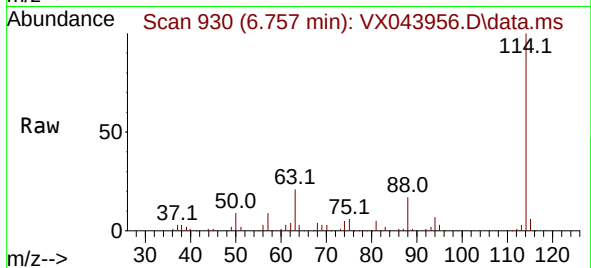




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX043956.D
Acq: 22 Nov 2024 13:48

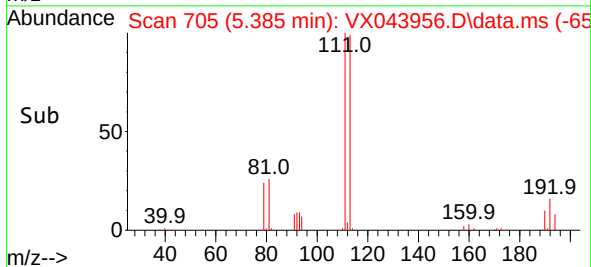
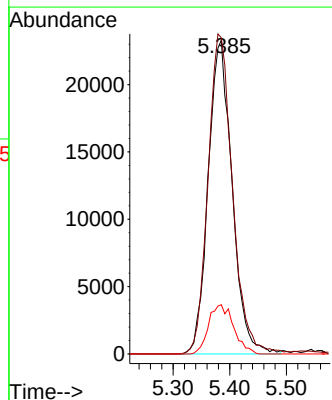
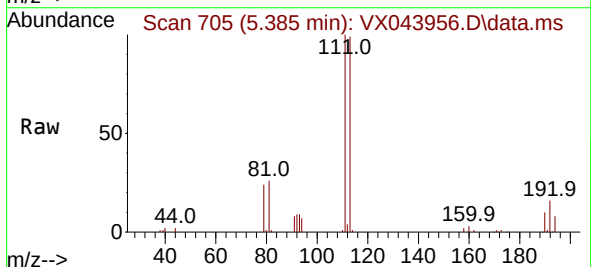
Instrument :
MSVOA_X
ClientSampleId :
TB-1-20241113

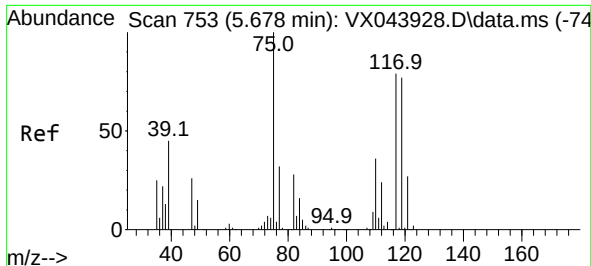
Tgt Ion:114 Resp: 209028
Ion Ratio Lower Upper
114 100
63 20.6 0.0 44.0
88 16.9 0.0 32.4



#35
Dibromofluoromethane
Concen: 45.780 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX043956.D
Acq: 22 Nov 2024 13:48

Tgt Ion:113 Resp: 68378
Ion Ratio Lower Upper
113 100
111 104.2 81.0 121.4
192 16.4 13.0 19.6





#36

1,1-Dichloropropene

Concen: 5.704 ug/l

RT: 5.538 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX043956.D

Acq: 22 Nov 2024 13:48

Instrument :

MSVOA_X

ClientSampleId :

TB-1-20241113

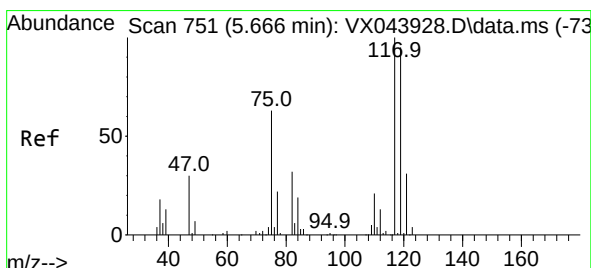
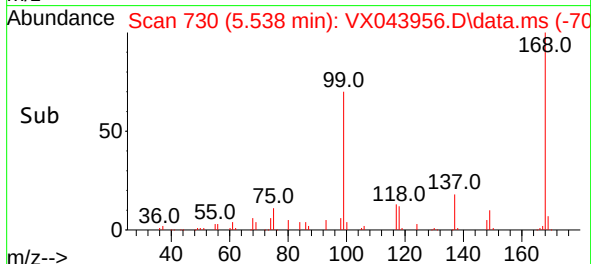
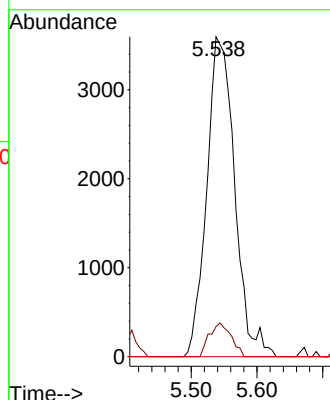
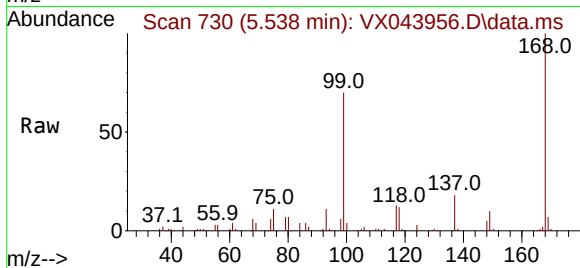
Tgt Ion: 75 Resp: 10617

Ion Ratio Lower Upper

75 100

110 8.2 17.4 52.2#

77 0.0 25.8 38.8#



#38

Carbon Tetrachloride

Concen: 6.350 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.122 min

Lab File: VX043956.D

Acq: 22 Nov 2024 13:48

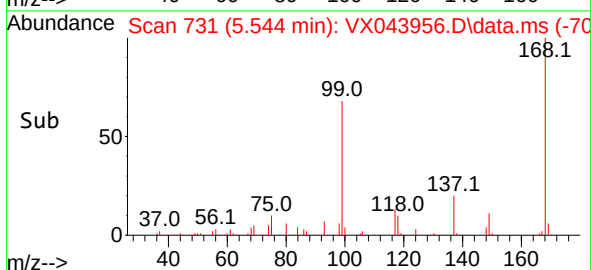
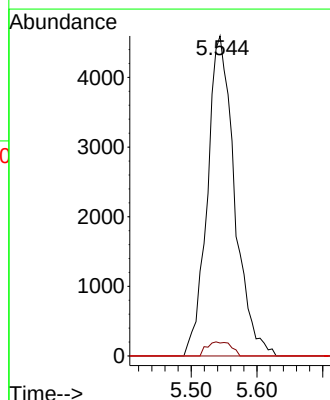
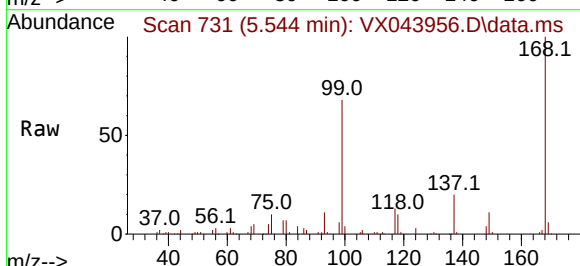
Tgt Ion:117 Resp: 13280

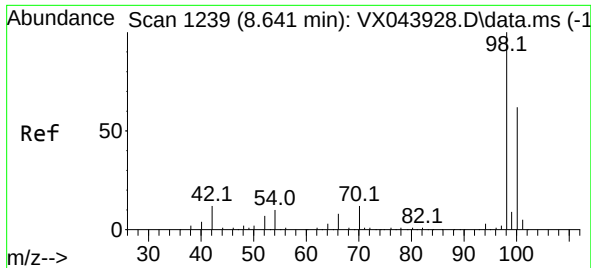
Ion Ratio Lower Upper

117 100

119 4.0 75.2 112.8#

121 0.0 24.5 36.7#

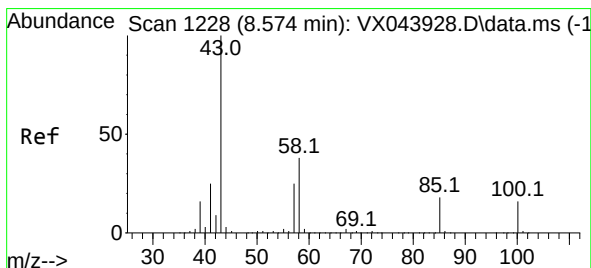
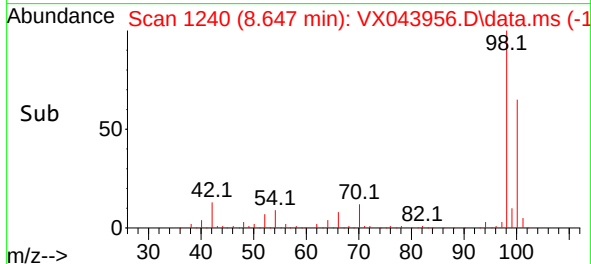
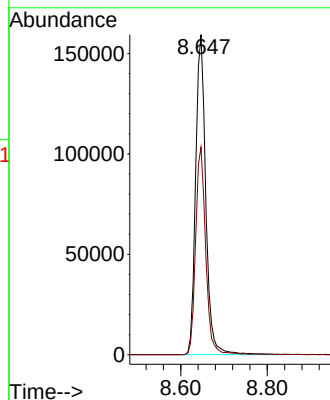
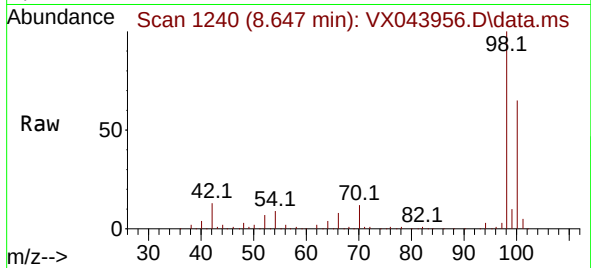




#50
Toluene-d8
Concen: 50.491 ug/l
RT: 8.647 min Scan# 1239
Delta R.T. 0.006 min
Lab File: VX043956.D
Acq: 22 Nov 2024 13:48

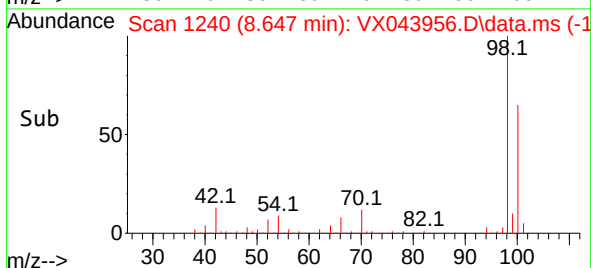
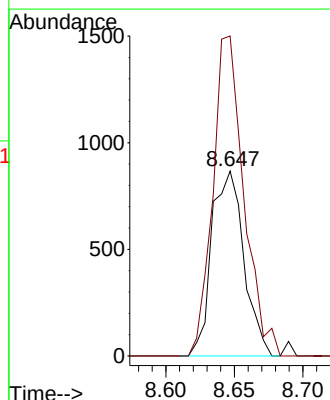
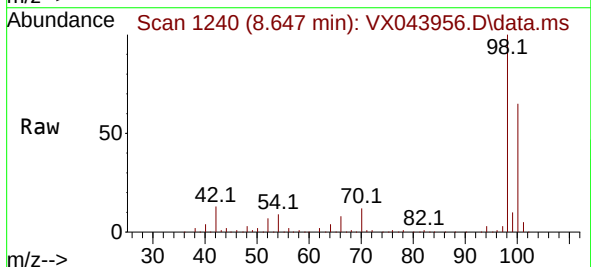
Instrument :
MSVOA_X
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TB-1-20241113

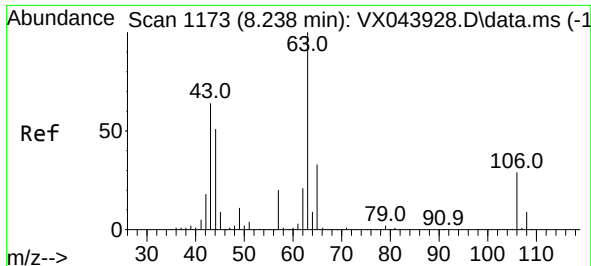
Tgt Ion: 98 Resp: 259958
Ion Ratio Lower Upper
98 100
100 64.3 52.6 79.0



#51
4-Methyl-2-Pentanone
Concen: 0.630 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX043956.D
Acq: 22 Nov 2024 13:48

Tgt Ion: 43 Resp: 1414
Ion Ratio Lower Upper
43 100
58 167.2 30.0 45.0#

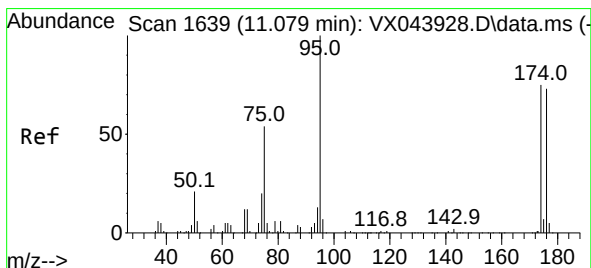
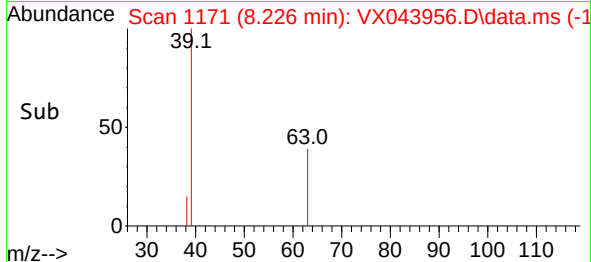
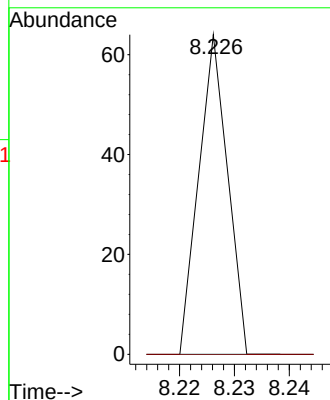
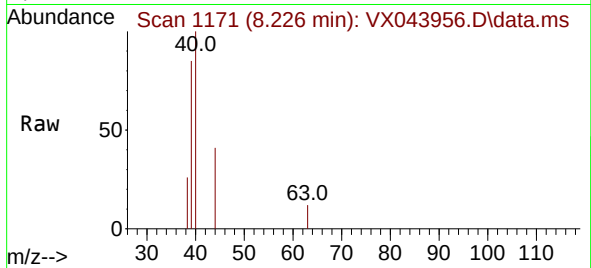




#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 8.226 min Scan# 1171
Delta R.T. -0.012 min
Lab File: VX043956.D
Acq: 22 Nov 2024 13:48

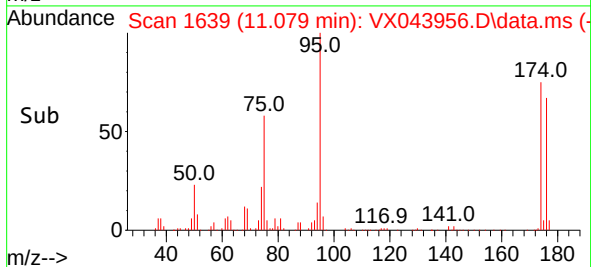
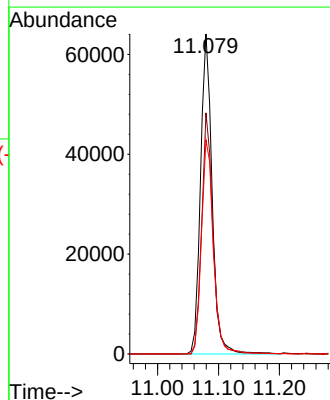
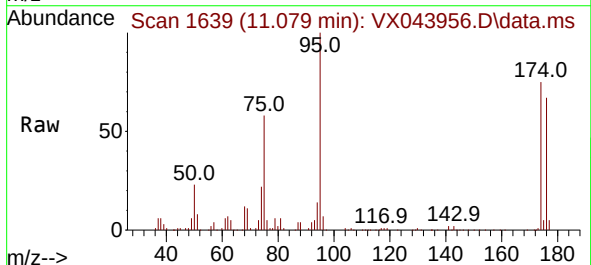
Instrument :
MSVOA_X
ClientSampleId :
TB-1-20241113

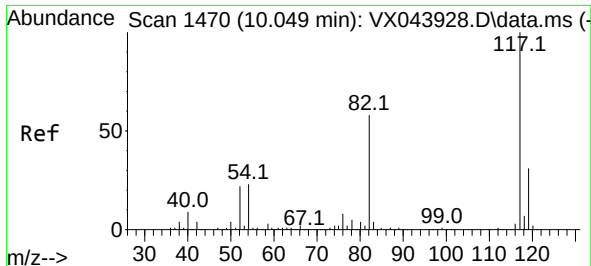
Tgt Ion: 63 Resp: 23
Ion Ratio Lower Upper
63 100
106 0.0 23.0 34.6#



#62
4-Bromofluorobenzene
Concen: 48.379 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043956.D
Acq: 22 Nov 2024 13:48

Tgt Ion: 95 Resp: 84771
Ion Ratio Lower Upper
95 100
174 73.8 0.0 150.4
176 69.1 0.0 146.0

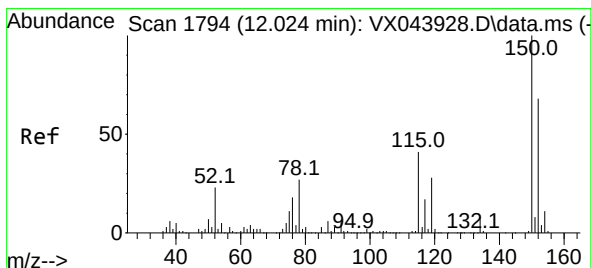
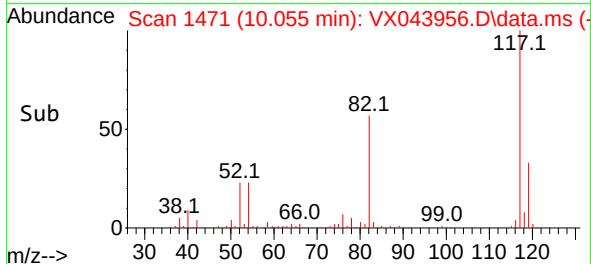
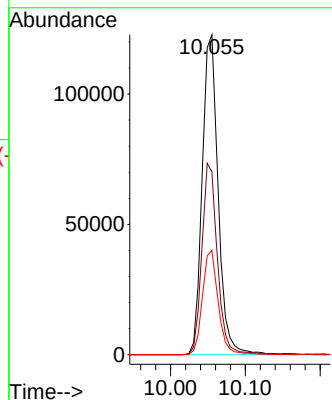
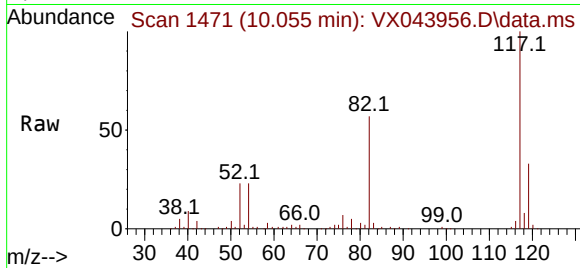




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX043956.D
Acq: 22 Nov 2024 13:48

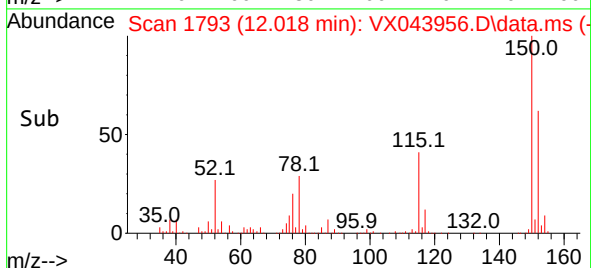
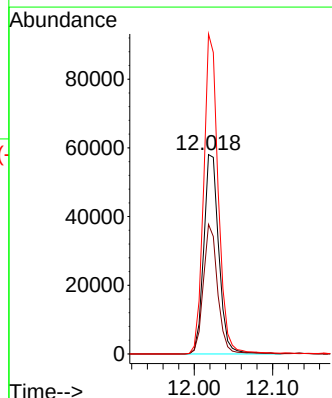
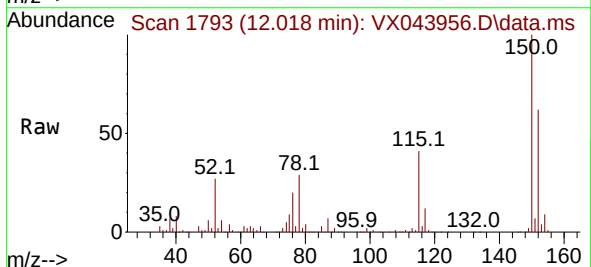
Instrument :
MSVOA_X
ClientSampleId :
TB-1-20241113

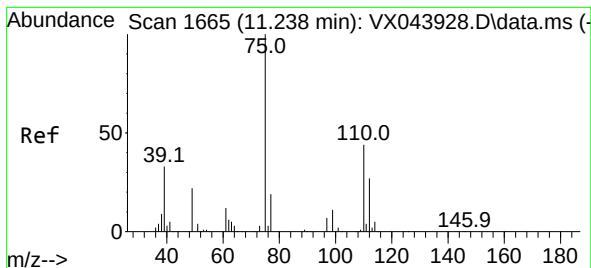
Tgt Ion:117 Resp: 182100
Ion Ratio Lower Upper
117 100
82 57.1 46.4 69.6
119 32.6 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX043956.D
Acq: 22 Nov 2024 13:48

Tgt Ion:152 Resp: 77306
Ion Ratio Lower Upper
152 100
115 62.1 45.4 136.2
150 155.5 0.0 353.0





#76

1,2,3-Trichloropropane

Concen: 28.891 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX043956.D

Acq: 22 Nov 2024 13:48

Instrument :

MSVOA_X

ClientSampleId :

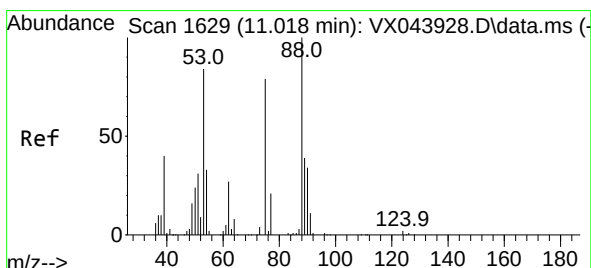
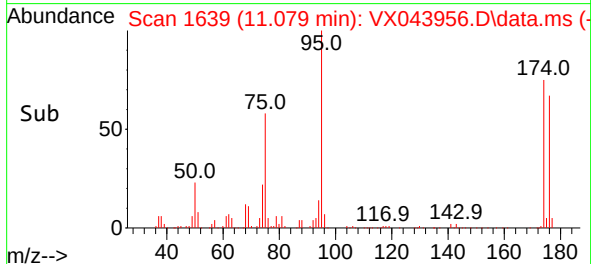
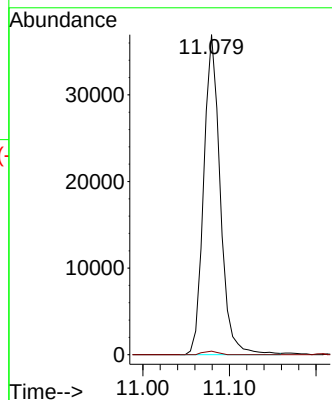
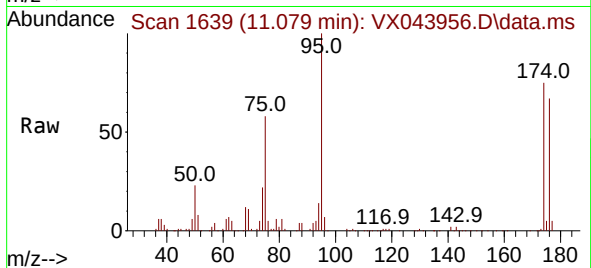
TB-1-20241113

Tgt Ion: 75 Resp: 48980

Ion Ratio Lower Upper

75 100

77 1.0 21.8 65.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 78.838 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX043956.D

Acq: 22 Nov 2024 13:48

Tgt Ion: 75 Resp: 48980

Ion Ratio Lower Upper

75 100

53 0.0 86.7 130.1#

89 0.0 38.2 57.2#

