

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
 Data File : VX045687.D
 Acq On : 10 Apr 2025 09:19
 Operator : JC/MD
 Sample : VX0410MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410MBL01

Quant Time: Apr 11 01:51:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

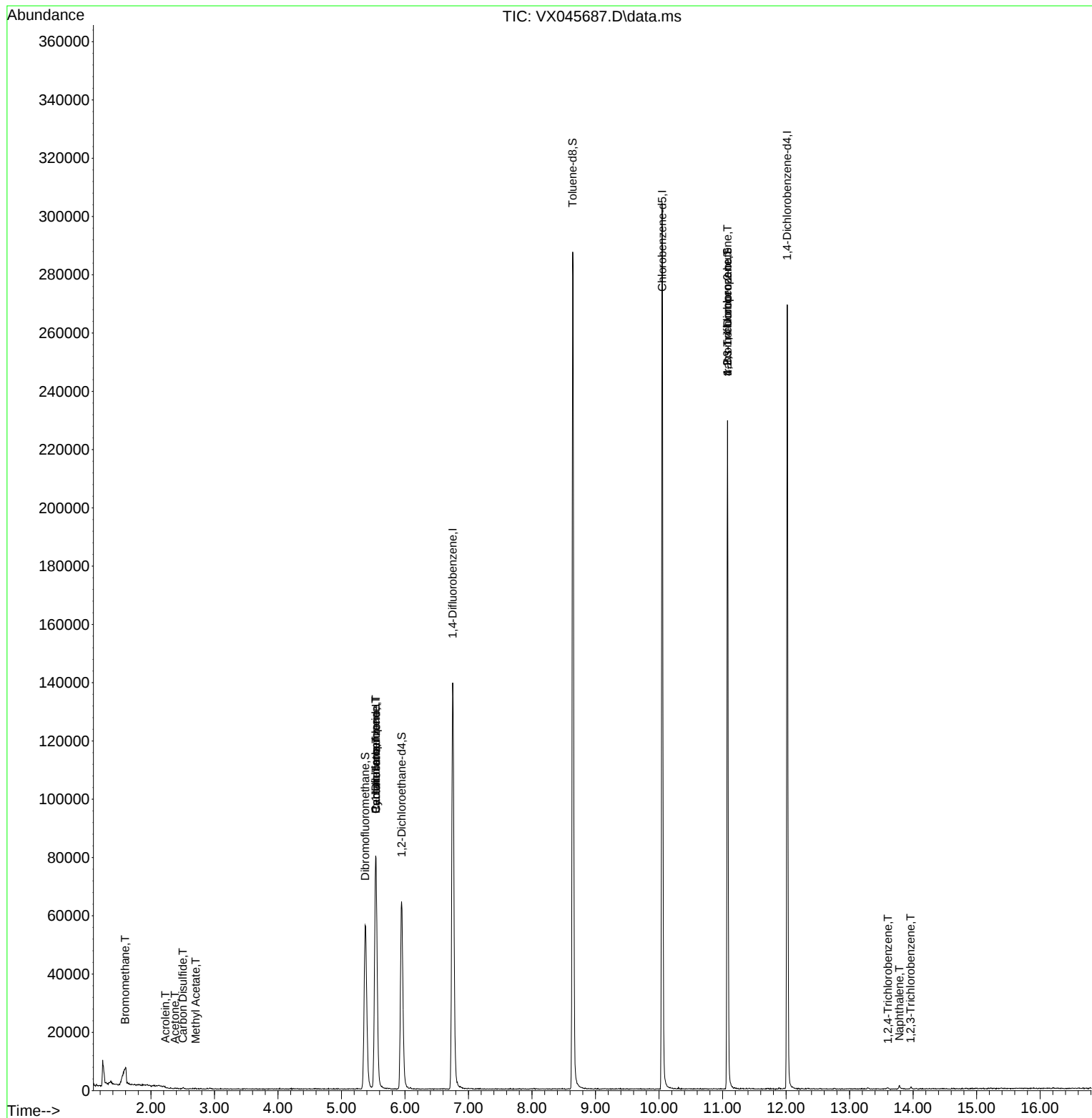
Internal Standards						
1) Pentafluorobenzene	5.544	168	69002	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	135214	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	119596	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49888	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	66714	52.869	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.740%	
35) Dibromofluoromethane	5.373	113	48539	50.596	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.200%	
50) Toluene-d8	8.641	98	163541	48.840	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.680%	
62) 4-Bromofluorobenzene	11.079	95	58943	48.326	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 96.660%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	136	0.296	ug/l #	77
13) Acrolein	2.227	56	77	0.330	ug/l #	15
16) Acetone	2.380	43	347	0.670	ug/l #	47
17) Carbon Disulfide	2.502	76	544	0.266	ug/l #	76
18) Methyl Acetate	2.703	43	246	0.206	ug/l #	54
31) Cyclohexane	5.544	56	2125	1.373	ug/l #	33
36) 1,1-Dichloropropene	5.538	75	7038	5.433	ug/l #	49
38) Carbon Tetrachloride	5.544	117	8182	5.845	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	34714	28.527	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34714	96.817	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.603	180	234	0.252	ug/l #	79
95) Naphthalene	13.786	128	1560	0.451	ug/l #	83
96) 1,2,3-Trichlorobenzene	13.963	180	348	0.357	ug/l #	68

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

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Quant Time: Apr 11 01:51:52 2025
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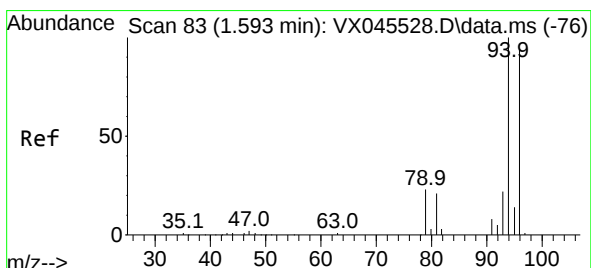
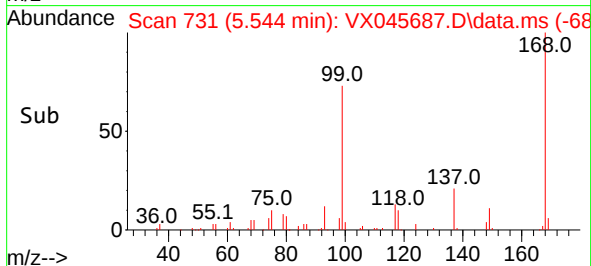
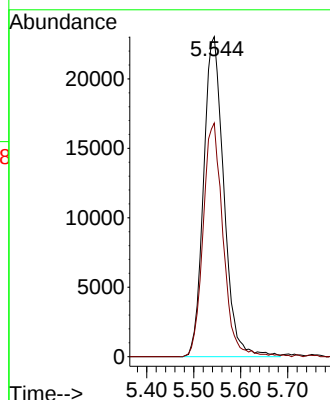
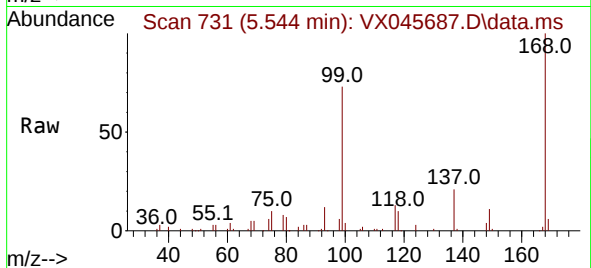




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045687.D
Acq: 10 Apr 2025 09:19

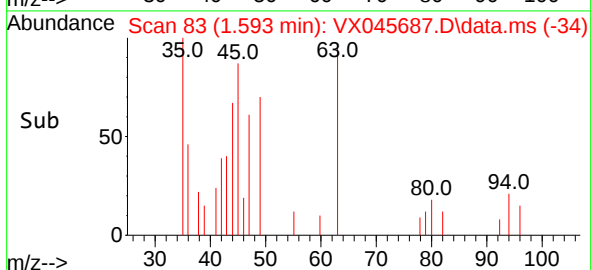
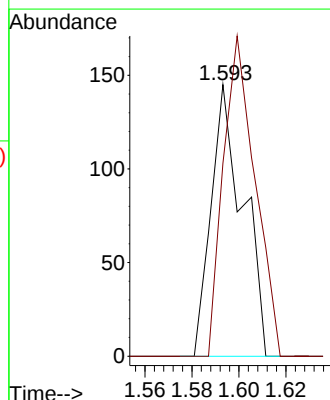
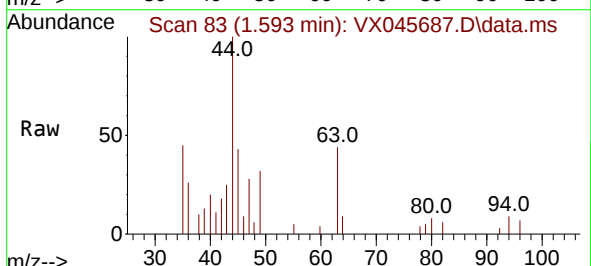
Instrument :
MSVOA_X
ClientSampleId :
VX0410MBL01

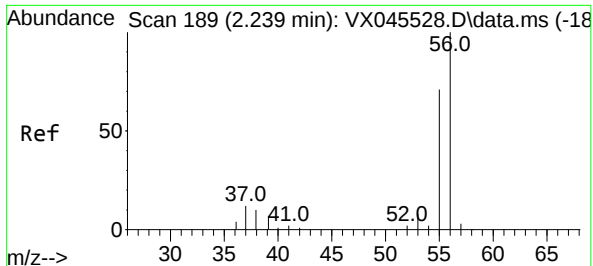
Tgt Ion:168 Resp: 69002
Ion Ratio Lower Upper
168 100
99 73.0 52.3 78.5



#5
Bromomethane
Concen: 0.296 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX045687.D
Acq: 10 Apr 2025 09:19

Tgt Ion: 94 Resp: 136
Ion Ratio Lower Upper
94 100
96 71.0 74.8 112.2#

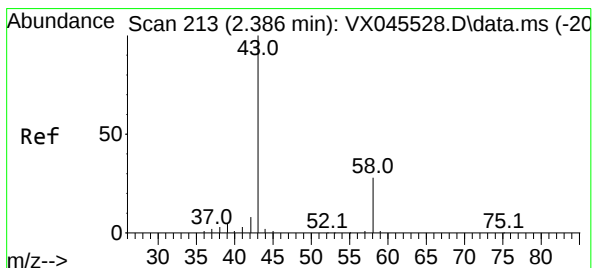
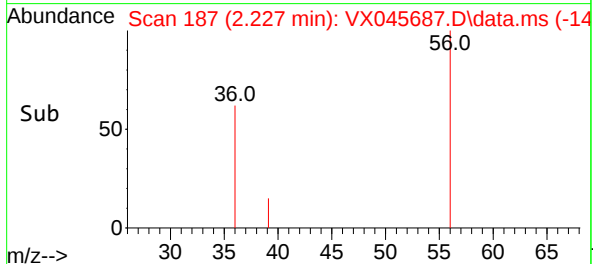
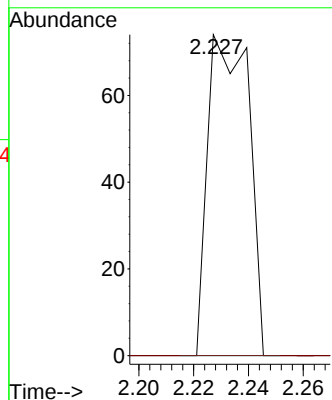
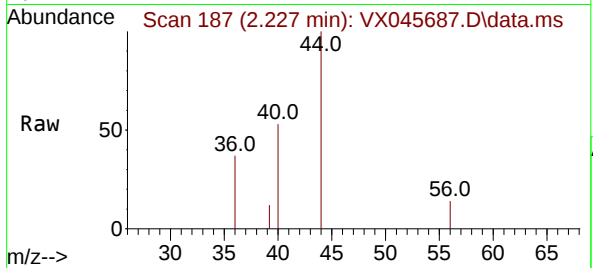




#13
Acrolein
Concen: 0.330 ug/l
RT: 2.227 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX045687.D
Acq: 10 Apr 2025 09:19

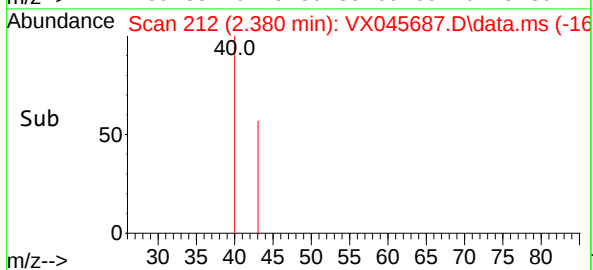
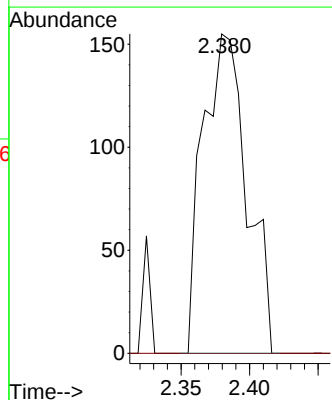
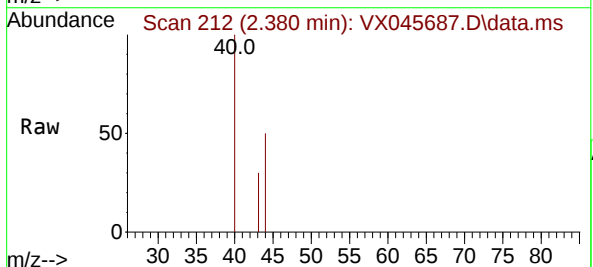
Instrument :
MSVOA_X
ClientSampleId :
VX0410MBL01

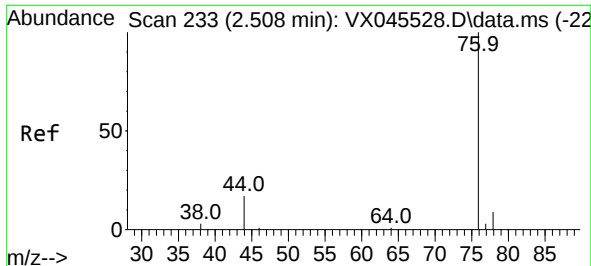
Tgt Ion: 56 Resp: 77
Ion Ratio Lower Upper
56 100
55 0.0 56.2 84.2#



#16
Acetone
Concen: 0.670 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045687.D
Acq: 10 Apr 2025 09:19

Tgt Ion: 43 Resp: 347
Ion Ratio Lower Upper
43 100
58 0.0 22.3 33.5#





#17

Carbon Disulfide

Concen: 0.266 ug/l

RT: 2.502 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX045687.D

Acq: 10 Apr 2025 09:19

Instrument :

MSVOA_X

ClientSampleId :

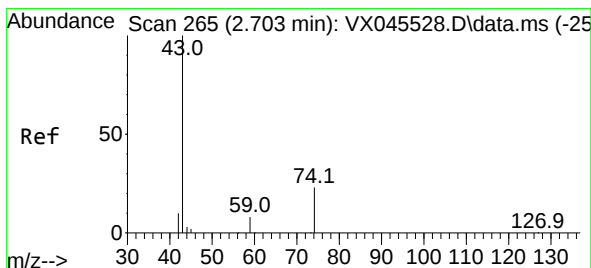
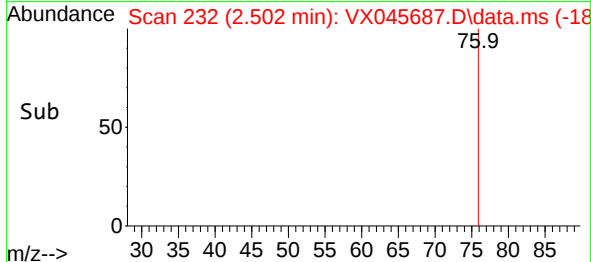
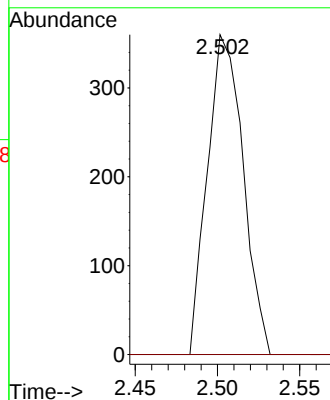
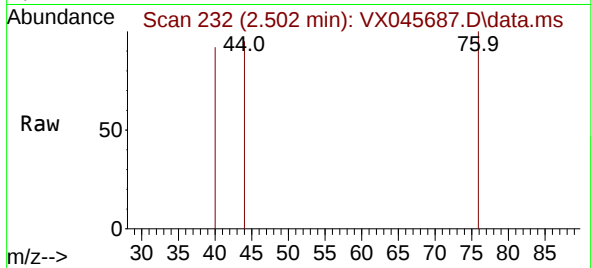
VX0410MBL01

Tgt Ion: 76 Resp: 544

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#18

Methyl Acetate

Concen: 0.206 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX045687.D

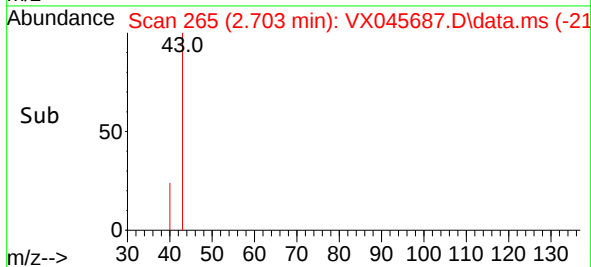
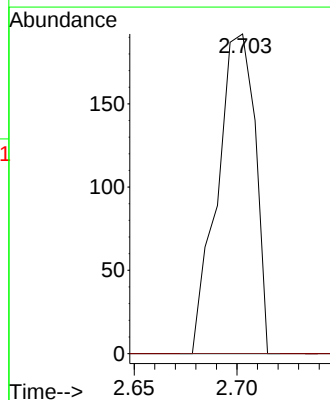
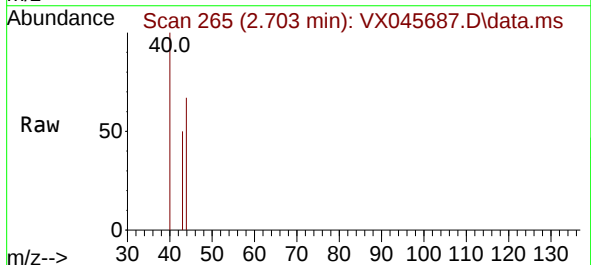
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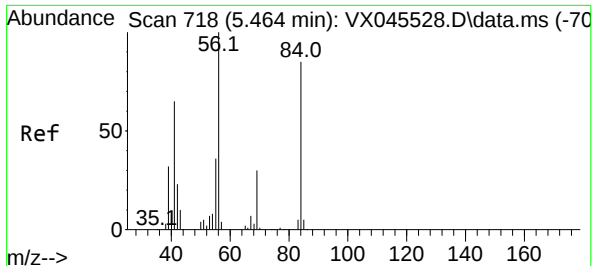
Tgt Ion: 43 Resp: 246

Ion Ratio Lower Upper

43 100

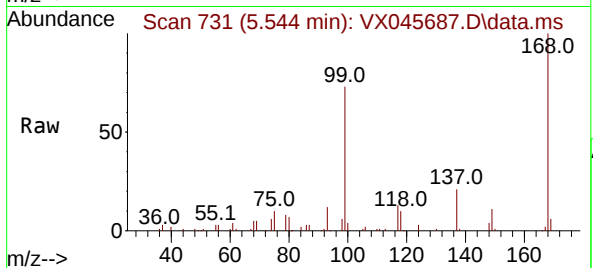
74 0.0 17.5 26.3#



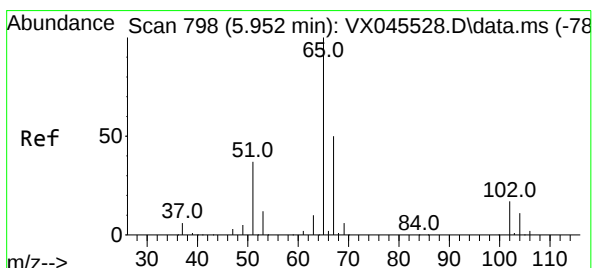
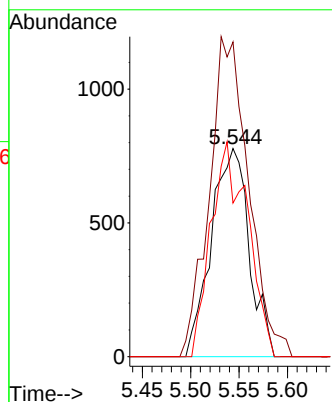
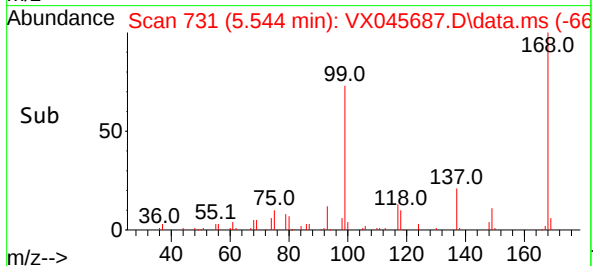


#31
Cyclohexane
Concen: 1.373 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX045687.D
Acq: 10 Apr 2025 09:19

Instrument :
MSVOA_X
ClientSampleId :
VX0410MBL01

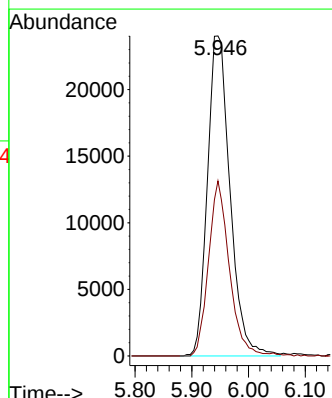
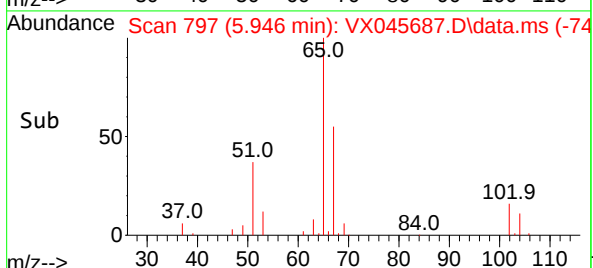
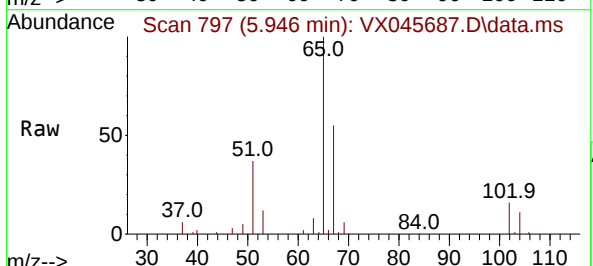


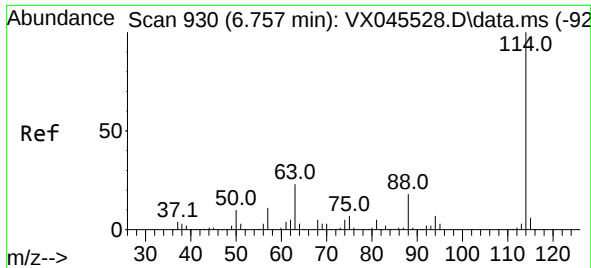
Tgt Ion: 56 Resp: 2125
Ion Ratio Lower Upper
56 100
69 151.2 23.6 35.4#
84 73.8 67.7 101.5



#33
1,2-Dichloroethane-d4
Concen: 52.869 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX045687.D
Acq: 10 Apr 2025 09:19

Tgt Ion: 65 Resp: 66714
Ion Ratio Lower Upper
65 100
67 50.1 0.0 99.0

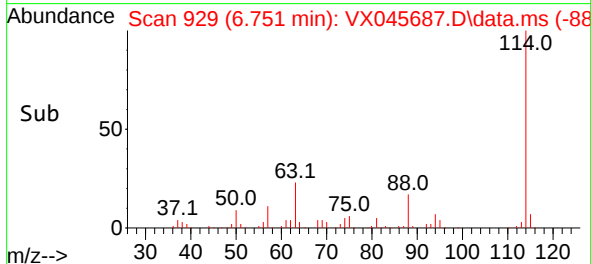
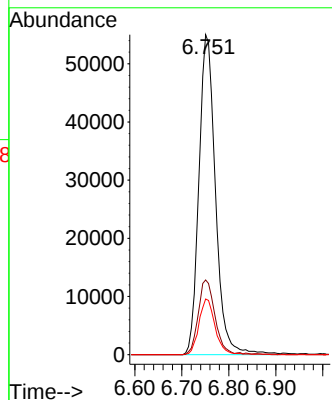
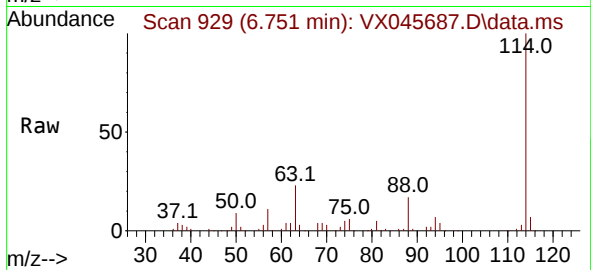




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX045687.D
Acq: 10 Apr 2025 09:19

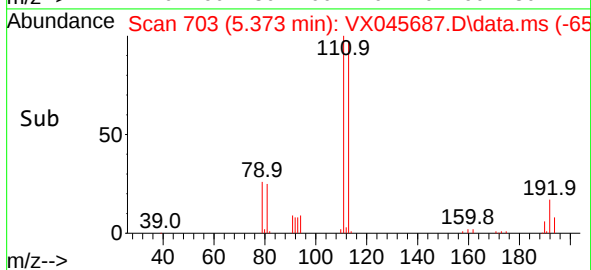
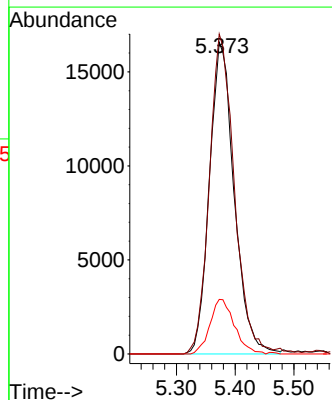
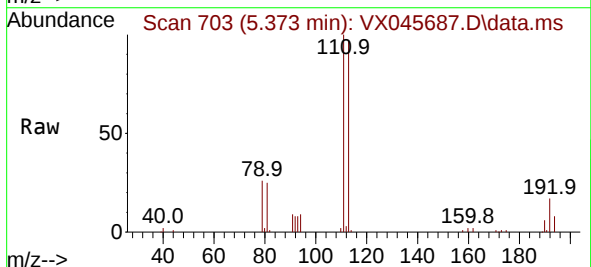
Instrument :
MSVOA_X
ClientSampleId :
VX0410MBL01

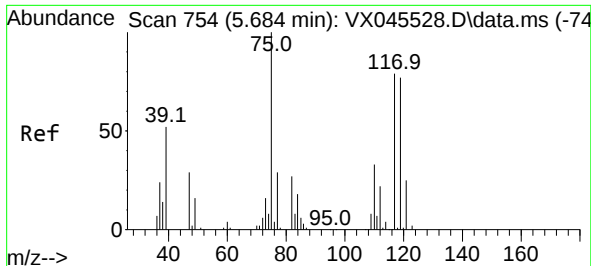
Tgt Ion:114 Resp: 135214
Ion Ratio Lower Upper
114 100
63 23.3 0.0 46.8
88 17.4 0.0 35.4



#35
Dibromofluoromethane
Concen: 50.596 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045687.D
Acq: 10 Apr 2025 09:19

Tgt Ion:113 Resp: 48539
Ion Ratio Lower Upper
113 100
111 104.3 81.8 122.6
192 17.3 13.8 20.6





#36

1,1-Dichloropropene

Concen: 5.433 ug/l

RT: 5.538 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX045687.D

Acq: 10 Apr 2025 09:19

Instrument :

MSVOA_X

ClientSampleId :

VX0410MBL01

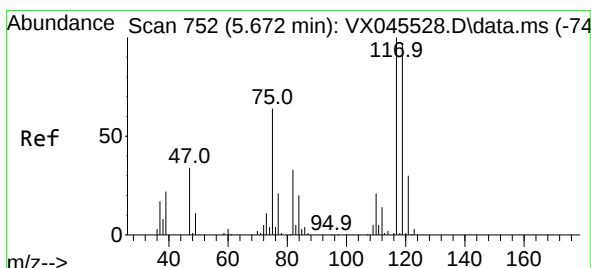
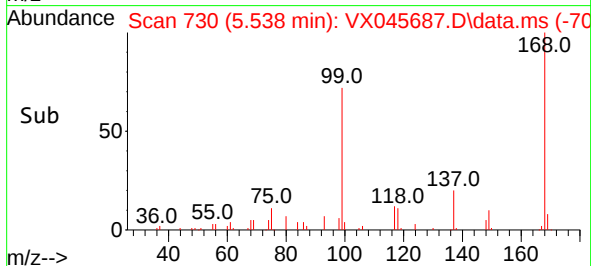
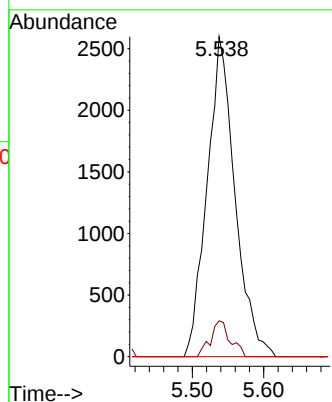
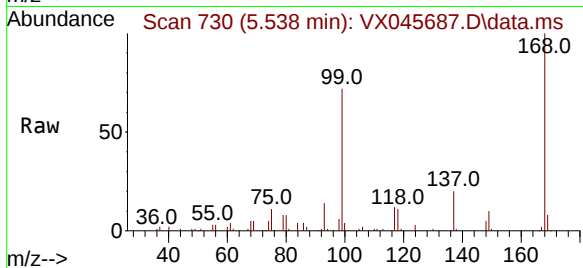
Tgt Ion: 75 Resp: 7038

Ion Ratio Lower Upper

75 100

110 7.9 16.9 50.6#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.845 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX045687.D

Acq: 10 Apr 2025 09:19

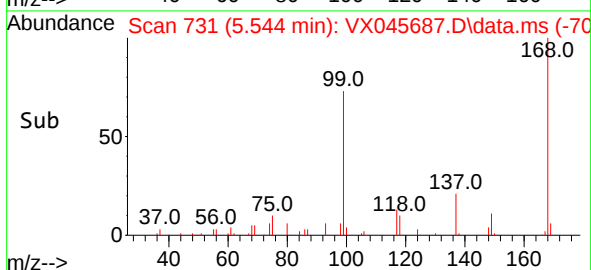
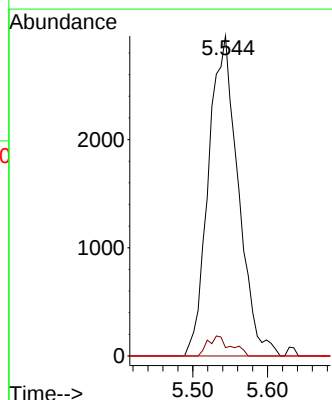
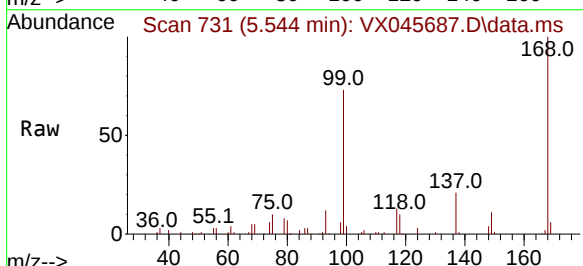
Tgt Ion: 117 Resp: 8182

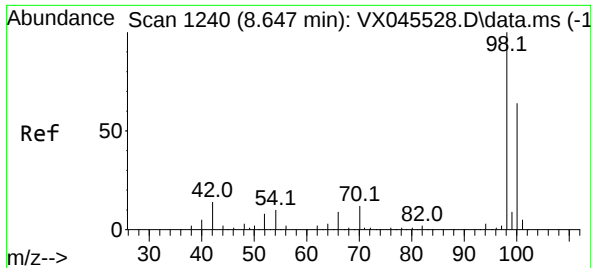
Ion Ratio Lower Upper

117 100

119 2.6 76.9 115.3#

121 0.0 24.2 36.2#

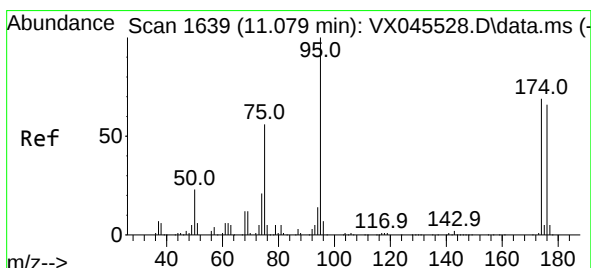
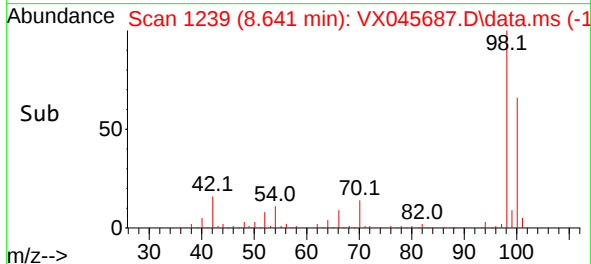
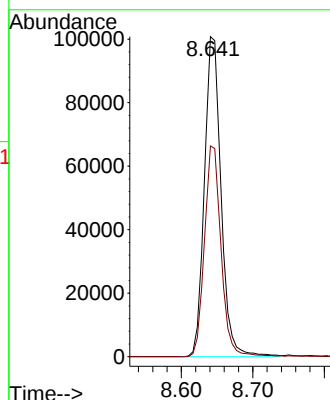
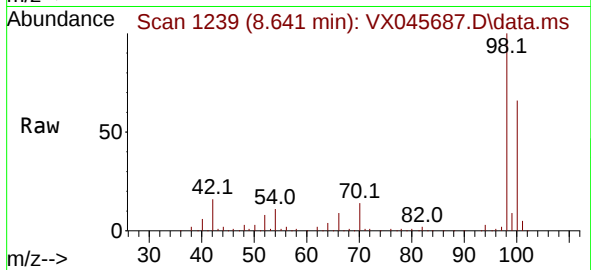




#50
Toluene-d8
Concen: 48.840 ug/l
RT: 8.641 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045687.D
Acq: 10 Apr 2025 09:19

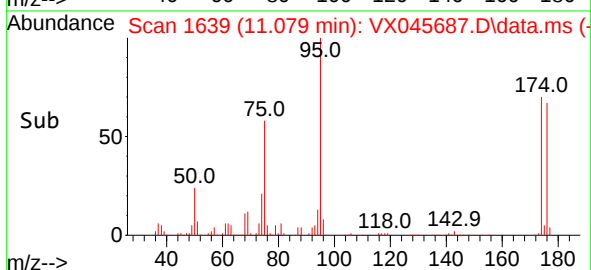
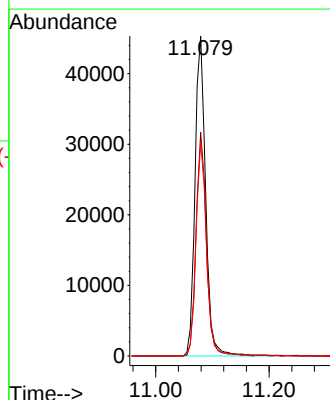
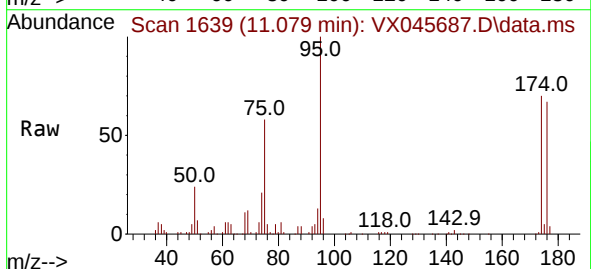
Instrument :
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VX0410MBL01

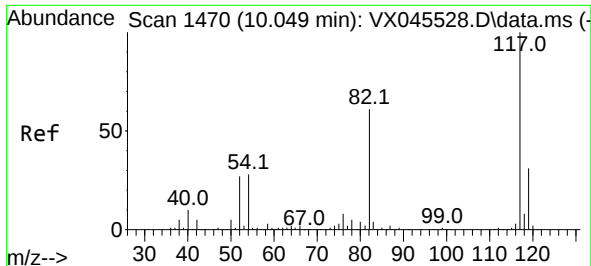
Tgt Ion: 98 Resp: 163541
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 48.326 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045687.D
Acq: 10 Apr 2025 09:19

Tgt Ion: 95 Resp: 58943
Ion Ratio Lower Upper
95 100
174 68.2 0.0 135.8
176 65.3 0.0 131.4

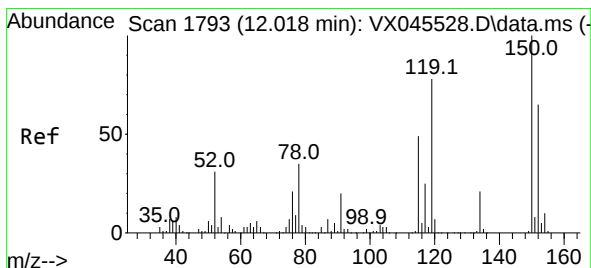
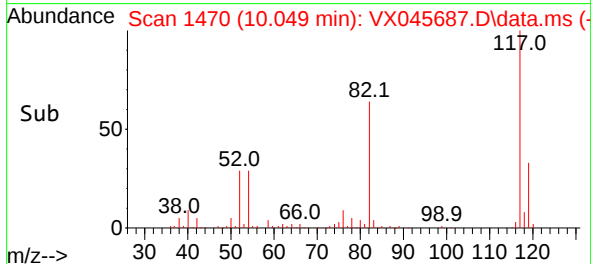
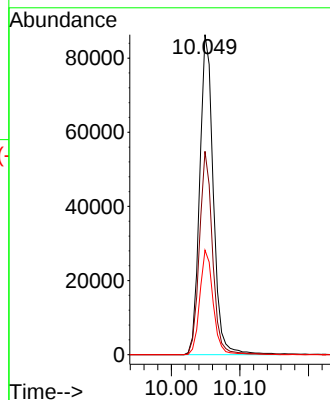
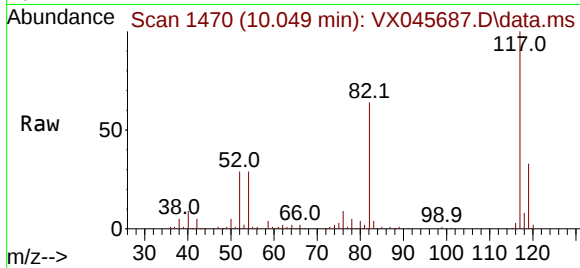




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045687.D
Acq: 10 Apr 2025 09:19

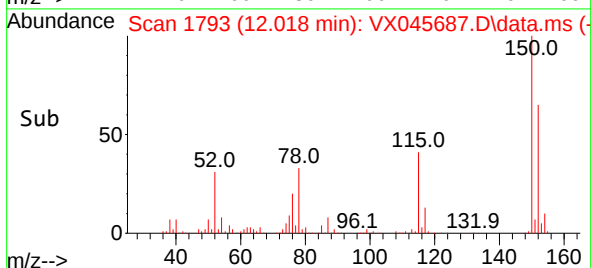
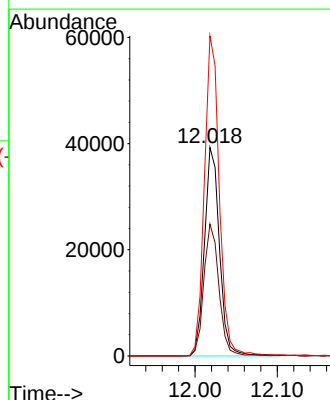
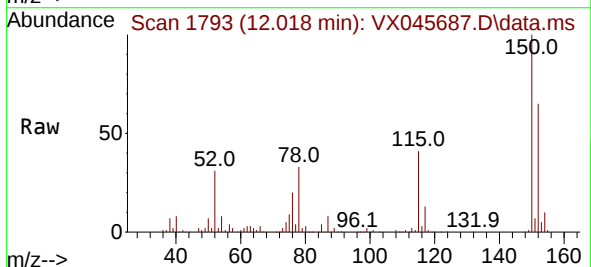
Instrument :
MSVOA_X
ClientSampleId :
VX0410MBL01

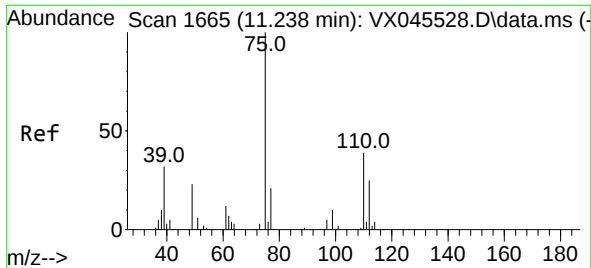
Tgt Ion:117 Resp: 119596
Ion Ratio Lower Upper
117 100
82 63.6 49.2 73.8
119 32.7 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045687.D
Acq: 10 Apr 2025 09:19

Tgt Ion:152 Resp: 49888
Ion Ratio Lower Upper
152 100
115 63.6 46.9 140.7
150 152.7 0.0 349.4

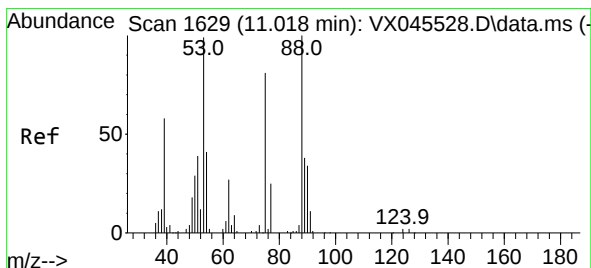
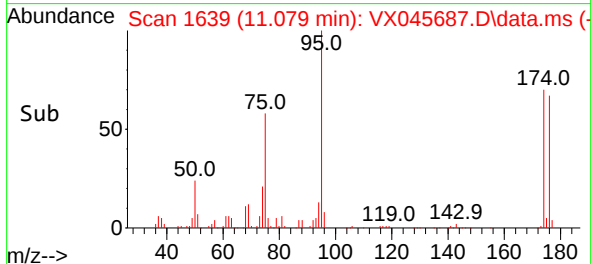
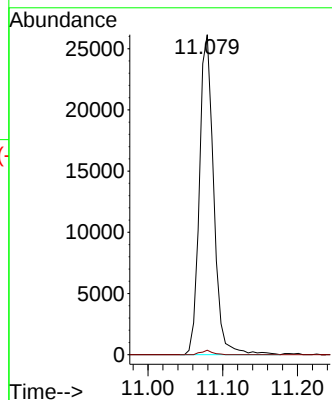
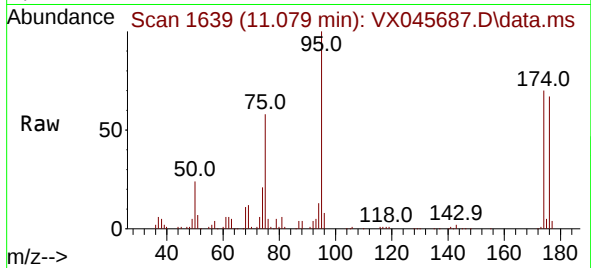




#76
1,2,3-Trichloropropane
Concen: 28.527 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045687.D
Acq: 10 Apr 2025 09:19

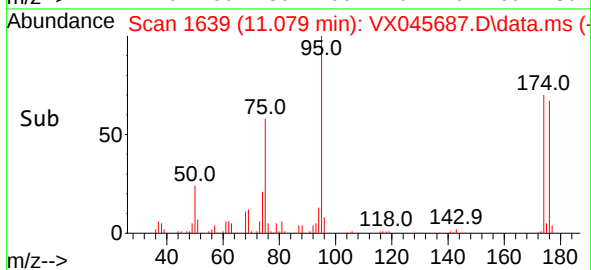
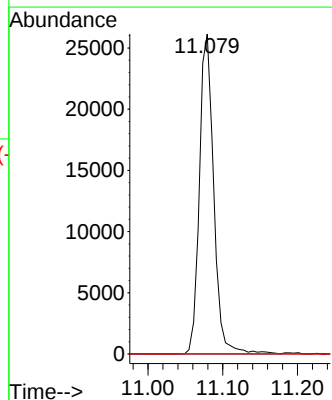
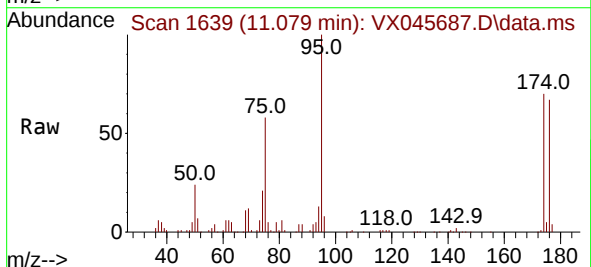
Instrument :
MSVOA_X
ClientSampleId :
VX0410MBL01

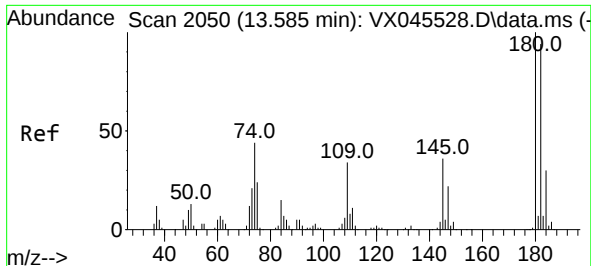
Tgt Ion: 75 Resp: 34714
Ion Ratio Lower Upper
75 100
77 1.1 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.817 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045687.D
Acq: 10 Apr 2025 09:19

Tgt Ion: 75 Resp: 34714
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 37.2 55.8#

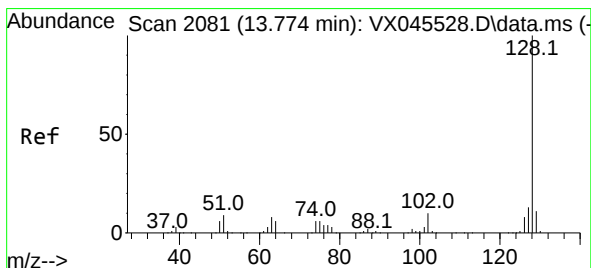
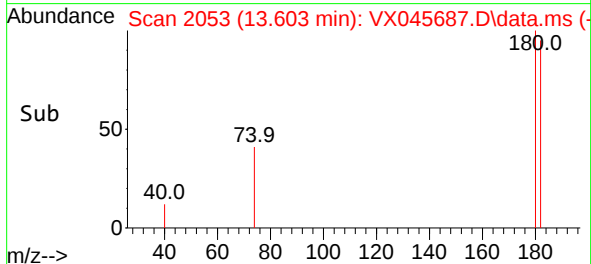
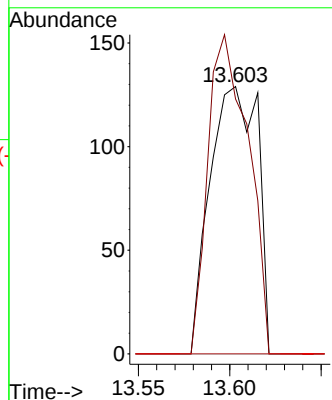
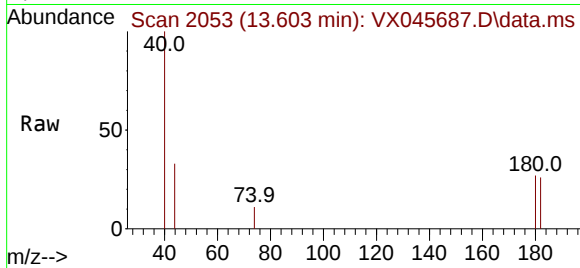




#93
1,2,4-Trichlorobenzene
Concen: 0.252 ug/l
RT: 13.603 min Scan# 2053
Delta R.T. 0.018 min
Lab File: VX045687.D
Acq: 10 Apr 2025 09:19

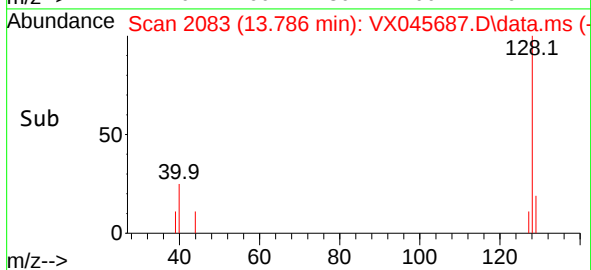
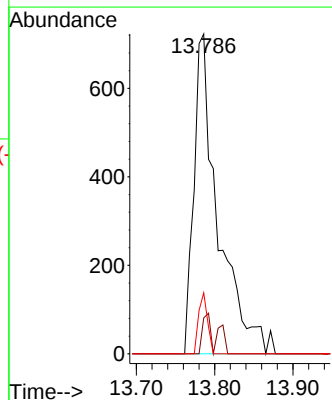
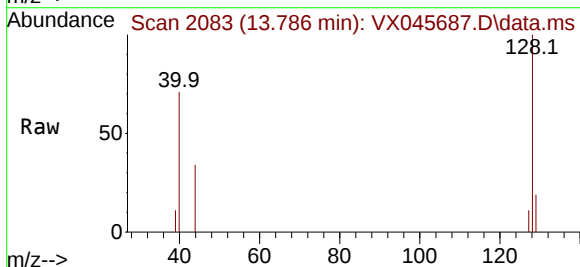
Instrument :
MSVOA_X
ClientSampleId :
VX0410MBL01

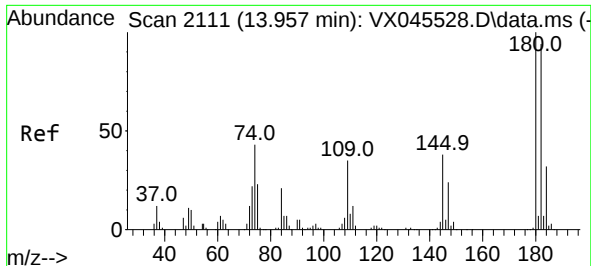
Tgt Ion:180 Resp: 234
Ion Ratio Lower Upper
180 100
182 101.3 47.9 143.6
145 0.0 17.9 53.8#



#95
Naphthalene
Concen: 0.451 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX045687.D
Acq: 10 Apr 2025 09:19

Tgt Ion:128 Resp: 1560
Ion Ratio Lower Upper
128 100
127 4.0 10.3 15.5#
129 7.0 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.357 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VX045687.D
 Acq: 10 Apr 2025 09:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410MBL01

Tgt Ion:180 Resp: 348
 Ion Ratio Lower Upper
 180 100
 182 74.7 47.3 141.8
 145 0.0 18.2 54.6#

