

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041425\
 Data File : VX045756.D
 Acq On : 14 Apr 2025 10:18
 Operator : JC/MD
 Sample : VX0414MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0414MBL01

Quant Time: Apr 15 01:26:31 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)

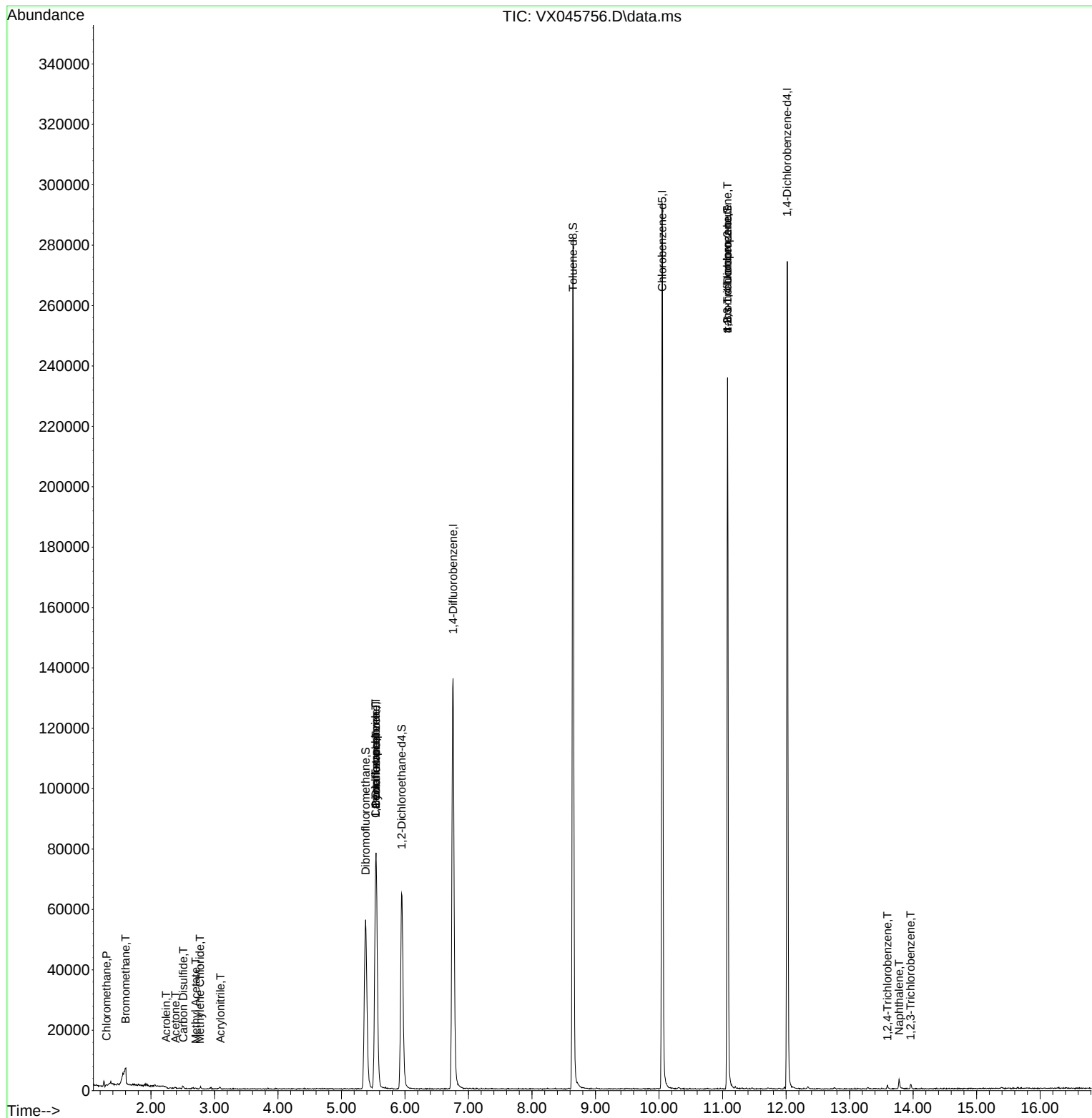
Internal Standards						
1) Pentafluorobenzene	5.544	168	66440	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	131663	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	120808	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	66372	54.627	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.260%			
35) Dibromofluoromethane	5.379	113	46916	50.223	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.440%			
50) Toluene-d8	8.647	98	163386	50.110	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.220%			
62) 4-Bromofluorobenzene	11.079	95	60966	51.333	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.660%			
Target Compounds						Qvalue
3) Chloromethane	1.301	50	222	0.217	ug/l #	42
5) Bromomethane	1.599	94	145	0.327	ug/l #	79
13) Acrolein	2.239	56	87	0.387	ug/l #	54
15) Acrylonitrile	3.093	53	200	0.388	ug/l #	74
16) Acetone	2.386	43	357	0.716	ug/l #	47
17) Carbon Disulfide	2.508	76	995	0.505	ug/l #	94
18) Methyl Acetate	2.703	43	370	0.322	ug/l #	54
20) Methylene Chloride	2.770	84	307	0.329	ug/l #	34
31) Cyclohexane	5.544	56	2090	1.402	ug/l #	51
36) 1,1-Dichloropropene	5.538	75	6913	5.481	ug/l #	49
38) Carbon Tetrachloride	5.538	117	7973	5.849	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	36433	29.389	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	36433	99.742	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.597	180	463	0.489	ug/l #	83
95) Naphthalene	13.780	128	2837	0.805	ug/l #	93
96) 1,2,3-Trichlorobenzene	13.963	180	556	0.560	ug/l	92

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

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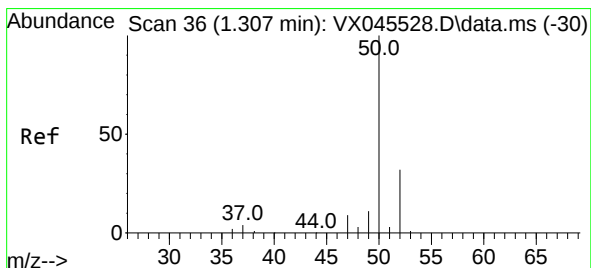
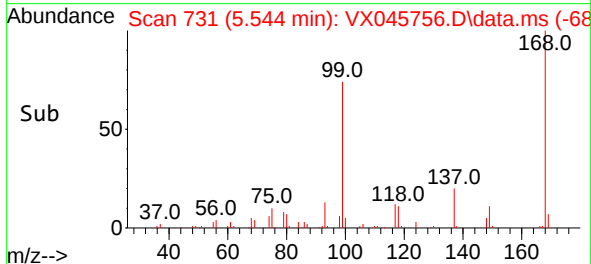
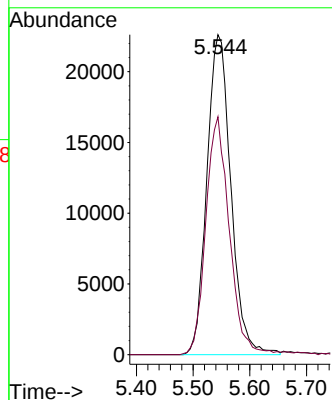
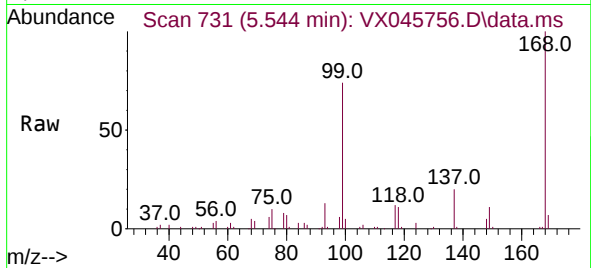




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045756.D
Acq: 14 Apr 2025 10:18

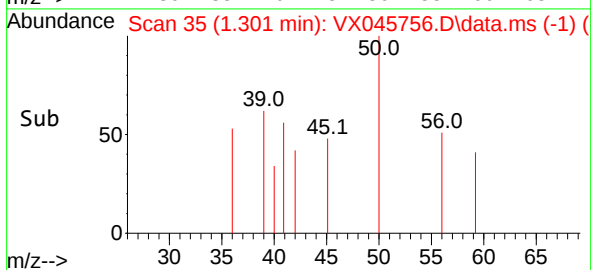
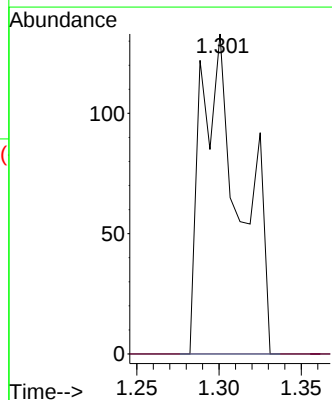
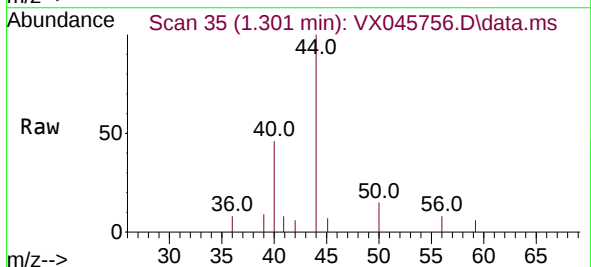
Instrument :
MSVOA_X
ClientSampleId :
VX0414MBL01

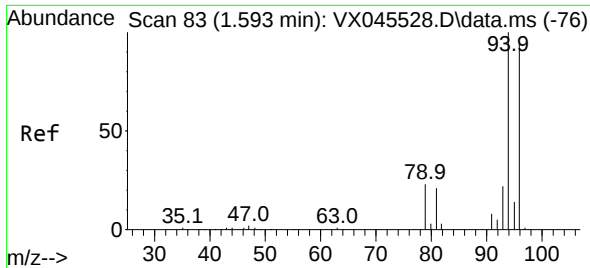
Tgt Ion:168 Resp: 66440
Ion Ratio Lower Upper
168 100
99 74.4 52.3 78.5



#3
Chloromethane
Concen: 0.217 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX045756.D
Acq: 14 Apr 2025 10:18

Tgt Ion: 50 Resp: 222
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

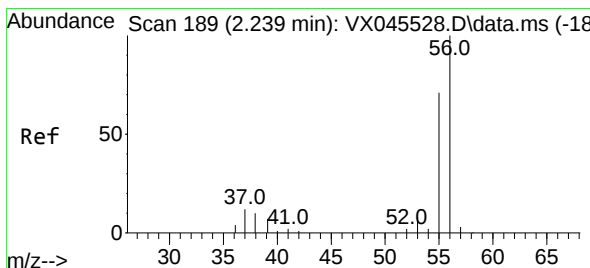
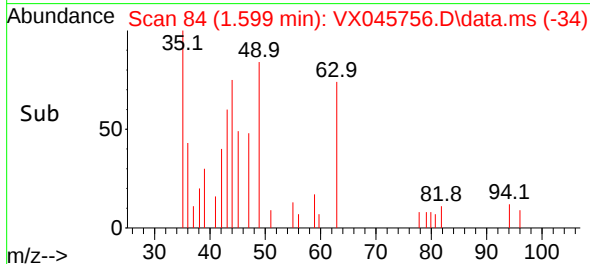
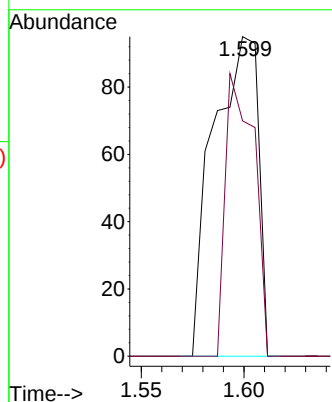
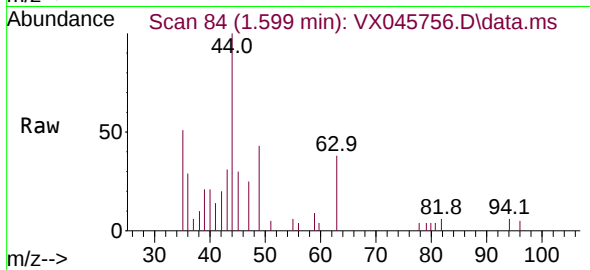




#5
Bromomethane
Concen: 0.327 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX045756.D
Acq: 14 Apr 2025 10:18

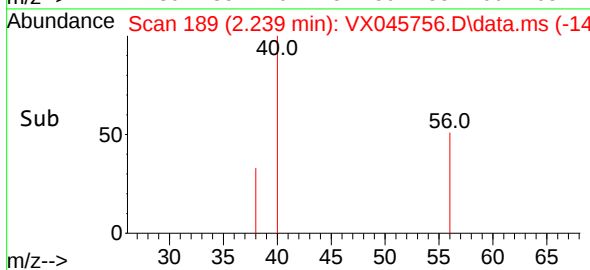
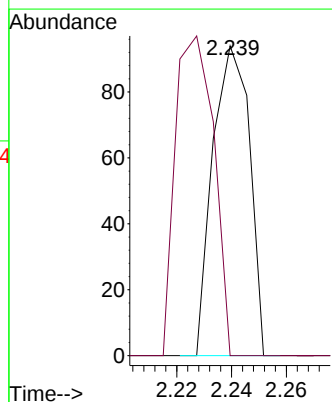
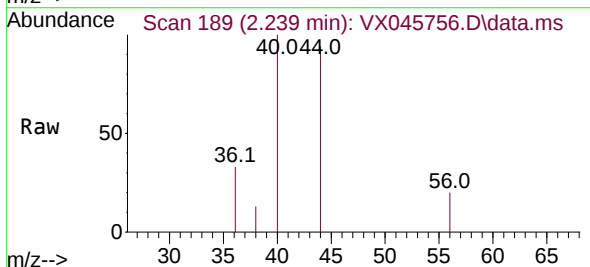
Instrument :
MSVOA_X
ClientSampleId :
VX0414MBL01

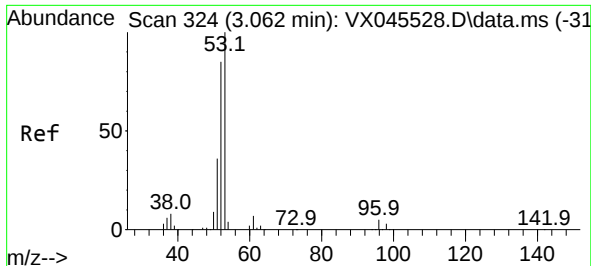
Tgt Ion: 94 Resp: 145
Ion Ratio Lower Upper
94 100
96 73.7 74.8 112.2#



#13
Acrolein
Concen: 0.387 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX045756.D
Acq: 14 Apr 2025 10:18

Tgt Ion: 56 Resp: 87
Ion Ratio Lower Upper
56 100
55 108.0 56.2 84.2#

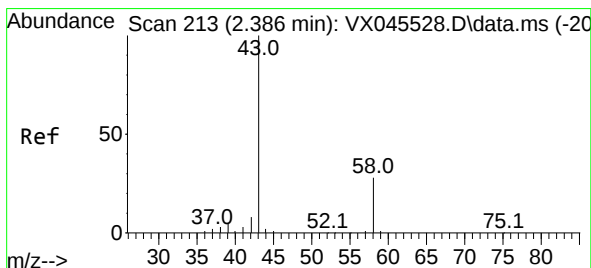
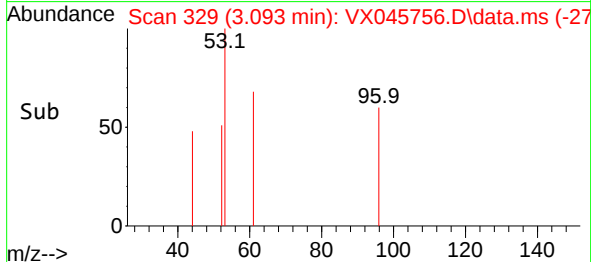
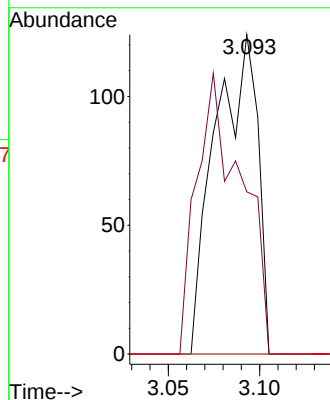
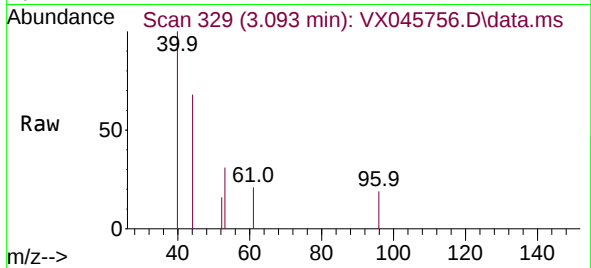




#15
Acrylonitrile
Concen: 0.388 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.031 min
Lab File: VX045756.D
Acq: 14 Apr 2025 10:18

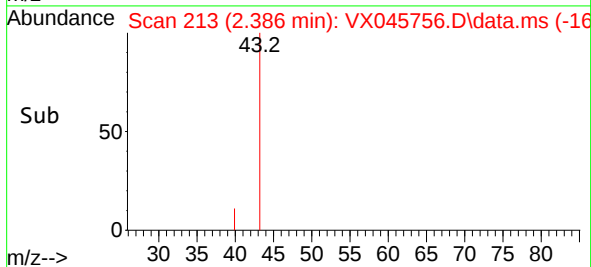
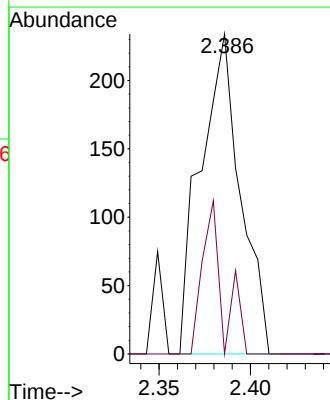
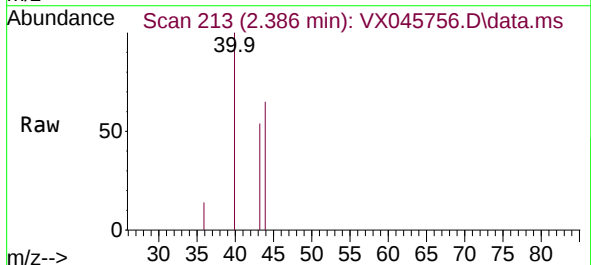
Instrument :
MSVOA_X
ClientSampleId :
VX0414MBL01

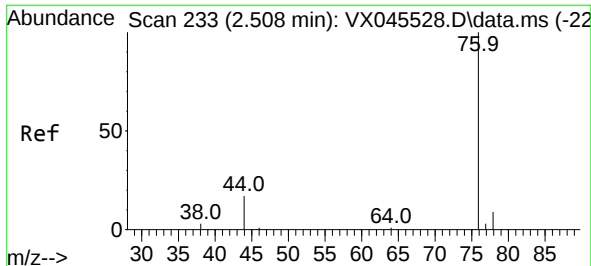
Tgt Ion: 53 Resp: 200
Ion Ratio Lower Upper
53 100
52 93.5 67.4 101.2
51 0.0 29.9 44.9#



#16
Acetone
Concen: 0.716 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045756.D
Acq: 14 Apr 2025 10:18

Tgt Ion: 43 Resp: 357
Ion Ratio Lower Upper
43 100
58 0.0 22.3 33.5#

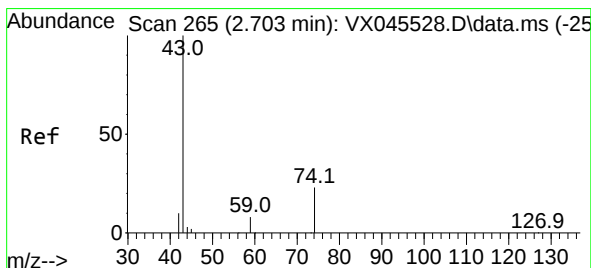
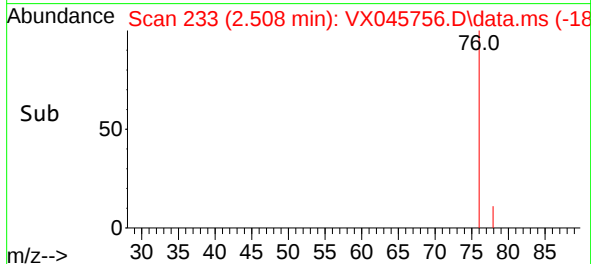
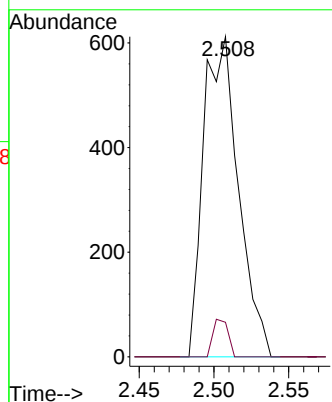
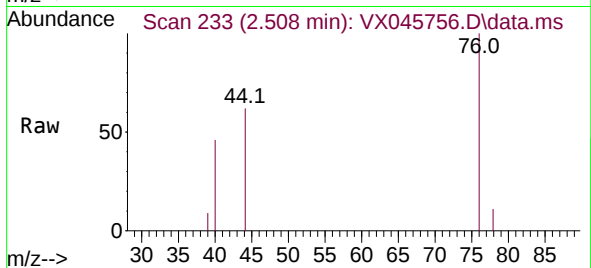




#17
Carbon Disulfide
Concen: 0.505 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX045756.D
Acq: 14 Apr 2025 10:18

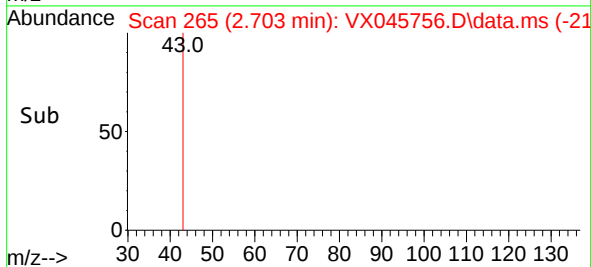
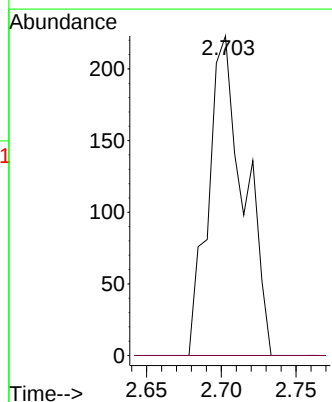
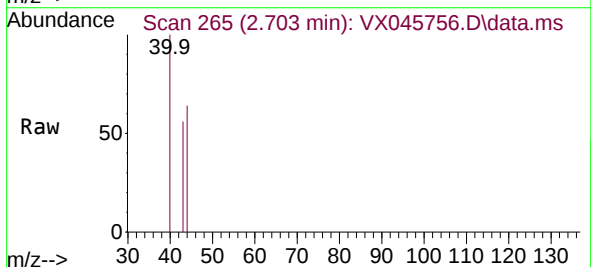
Instrument :
MSVOA_X
ClientSampleId :
VX0414MBL01

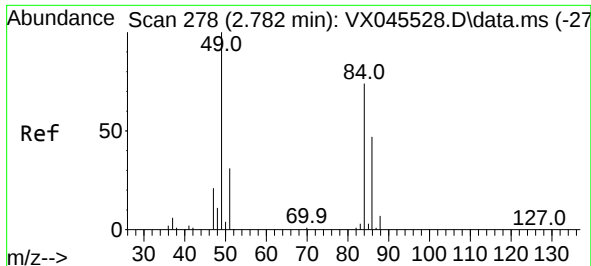
Tgt Ion: 76 Resp: 995
Ion Ratio Lower Upper
76 100
78 10.8 7.0 10.6#



#18
Methyl Acetate
Concen: 0.322 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045756.D
Acq: 14 Apr 2025 10:18

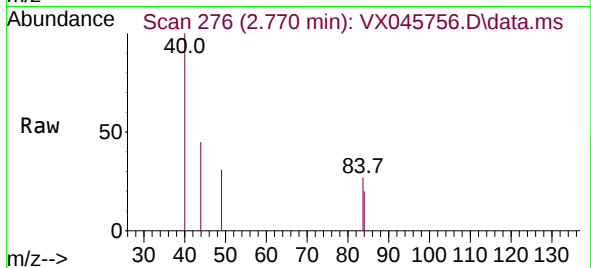
Tgt Ion: 43 Resp: 370
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



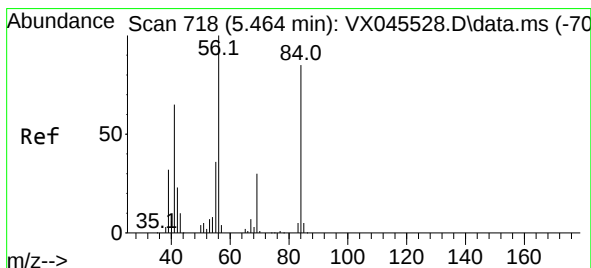
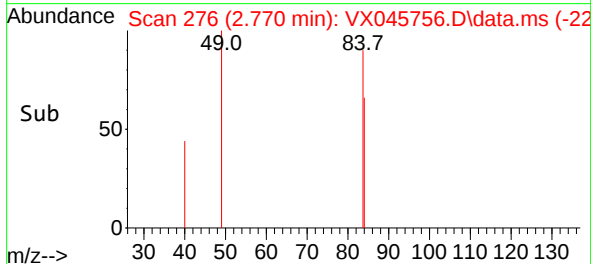
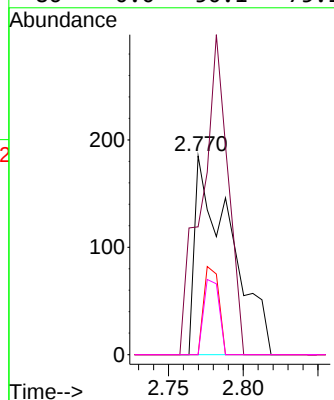


#20
Methylene Chloride
Concen: 0.329 ug/l
RT: 2.770 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX045756.D
Acq: 14 Apr 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX0414MBL01

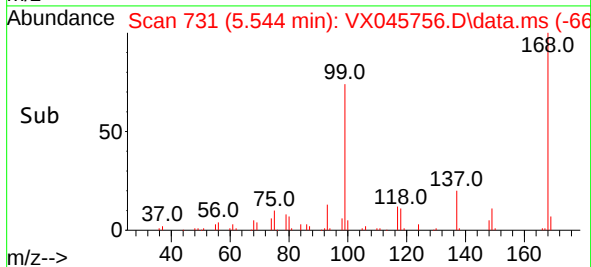
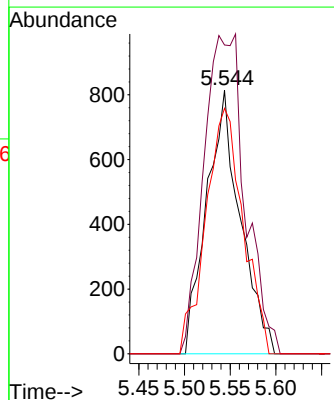
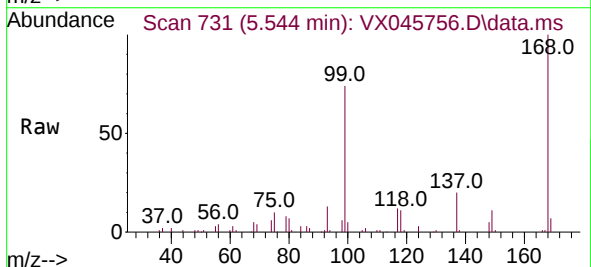


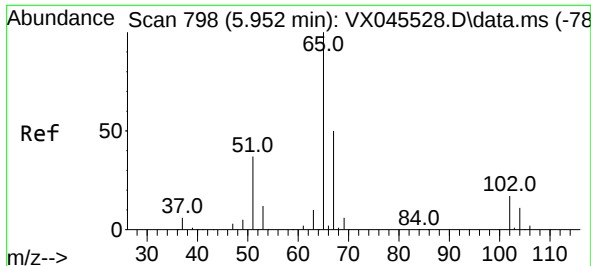
Tgt Ion:	84	Resp:	307
Ion	Ratio	Lower	Upper
84	100		
49	64.3	107.5	161.3#
51	0.0	33.0	49.6#
86	0.0	50.1	75.1#



#31
Cyclohexane
Concen: 1.402 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX045756.D
Acq: 14 Apr 2025 10:18

Tgt Ion:	56	Resp:	2090
Ion	Ratio	Lower	Upper
56	100		
69	117.2	23.6	35.4#
84	93.1	67.7	101.5





#33

1,2-Dichloroethane-d4

Concen: 54.627 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045756.D

Acq: 14 Apr 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

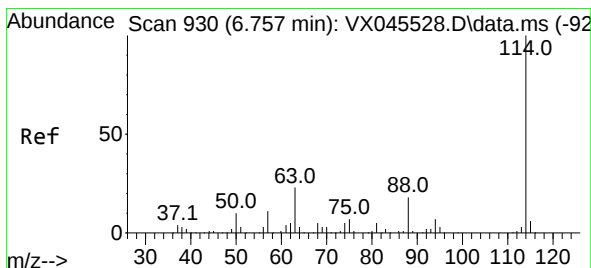
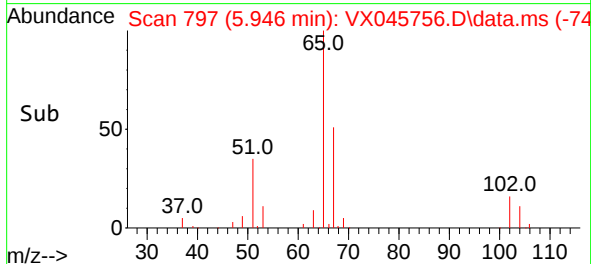
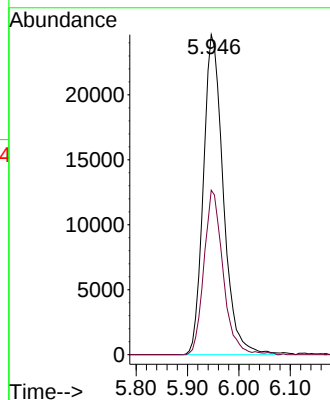
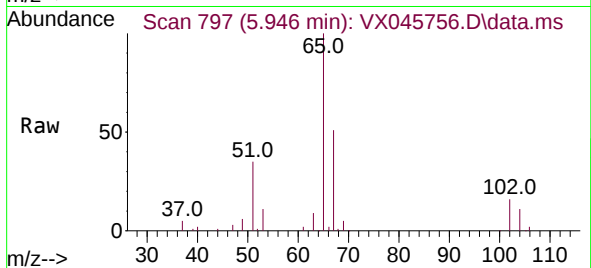
VX0414MBL01

Tgt Ion: 65 Resp: 66372

Ion Ratio Lower Upper

65 100

67 49.2 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045756.D

Acq: 14 Apr 2025 10:18

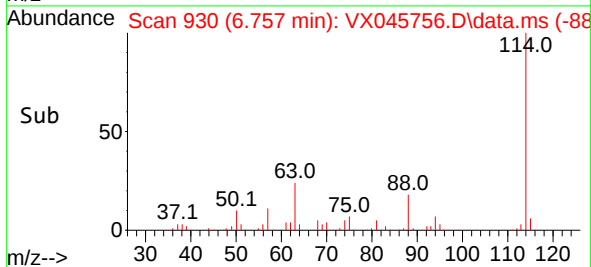
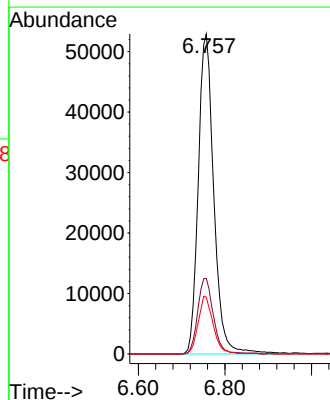
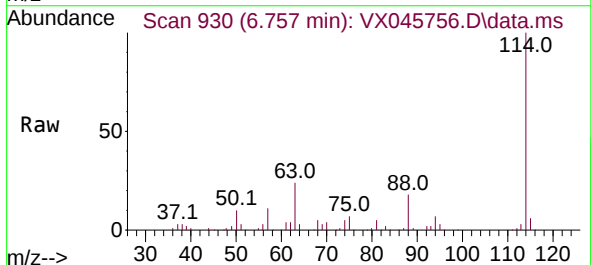
Tgt Ion: 114 Resp: 131663

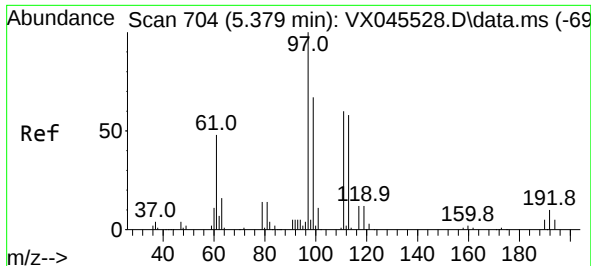
Ion Ratio Lower Upper

114 100

63 23.6 0.0 46.8

88 17.7 0.0 35.4

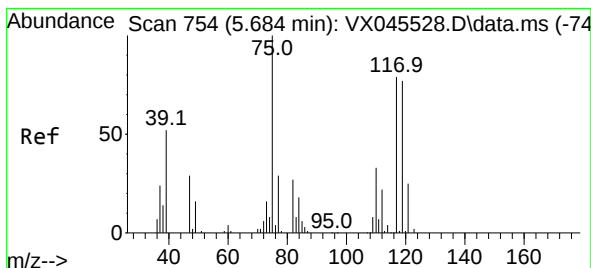
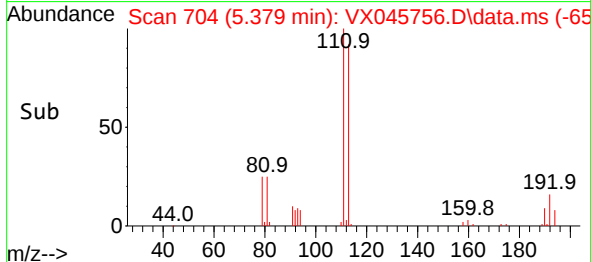
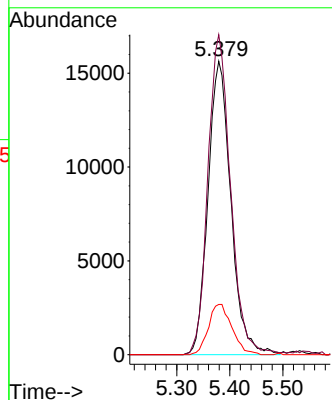
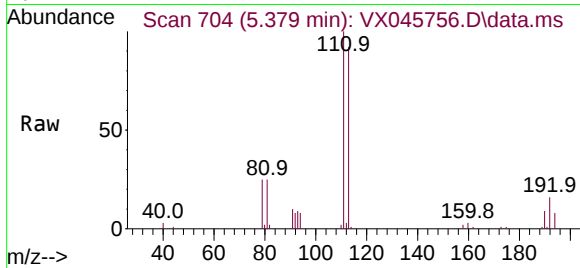




#35
Dibromofluoromethane
Concen: 50.223 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045756.D
Acq: 14 Apr 2025 10:18

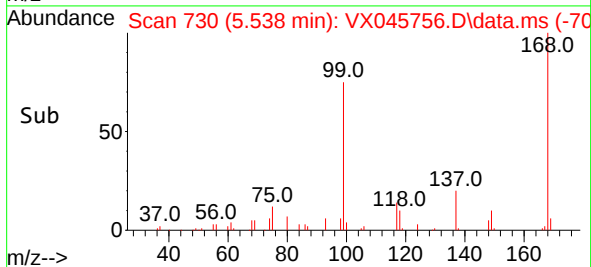
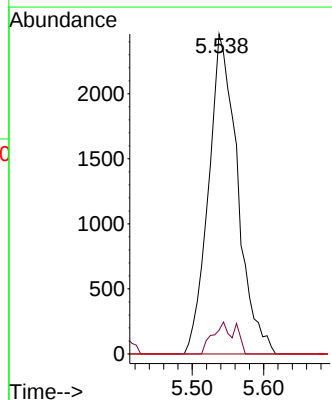
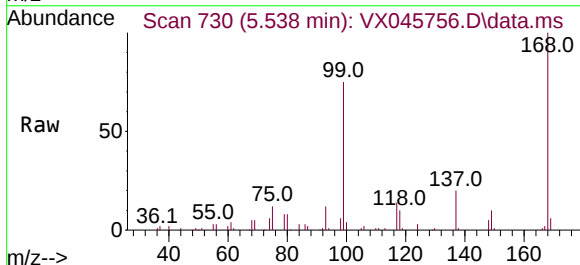
Instrument :
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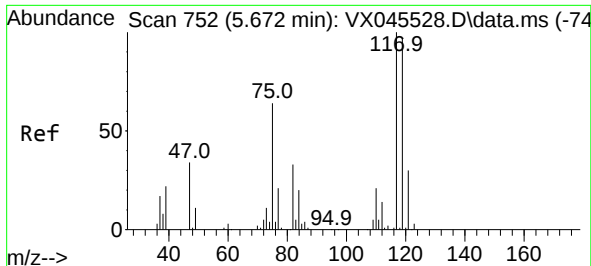
Tgt Ion:113 Resp: 46916
Ion Ratio Lower Upper
113 100
111 108.0 81.8 122.6
192 17.6 13.8 20.6



#36
1,1-Dichloropropene
Concen: 5.481 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.146 min
Lab File: VX045756.D
Acq: 14 Apr 2025 10:18

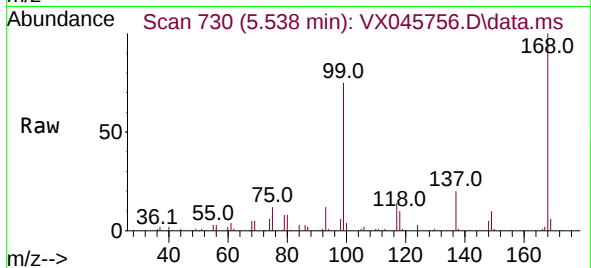
Tgt Ion: 75 Resp: 6913
Ion Ratio Lower Upper
75 100
110 7.7 16.9 50.6#
77 0.0 25.0 37.4#



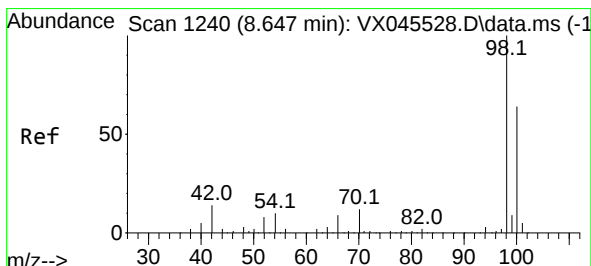
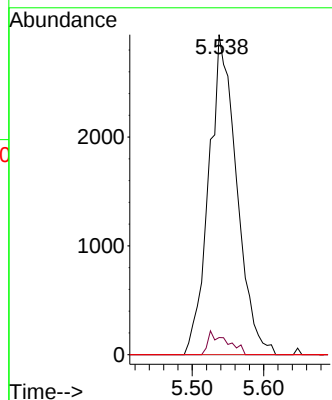
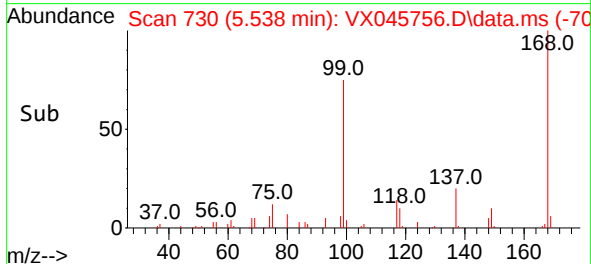


#38
Carbon Tetrachloride
Concen: 5.849 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX045756.D
Acq: 14 Apr 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX0414MBL01

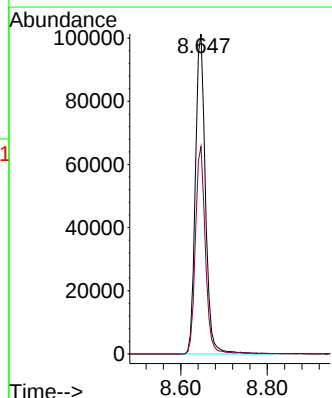
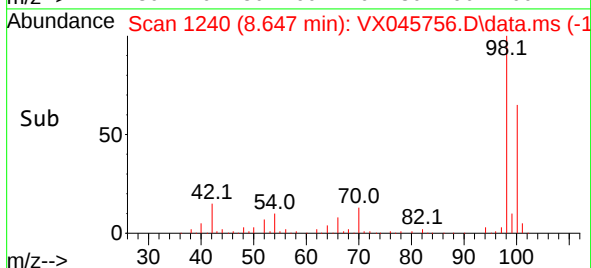
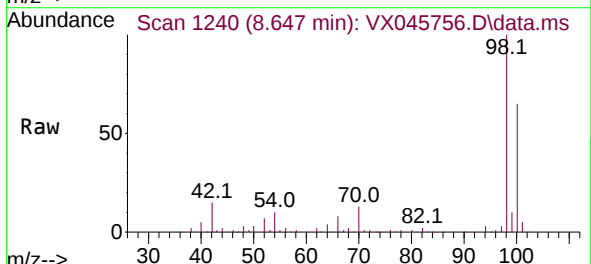


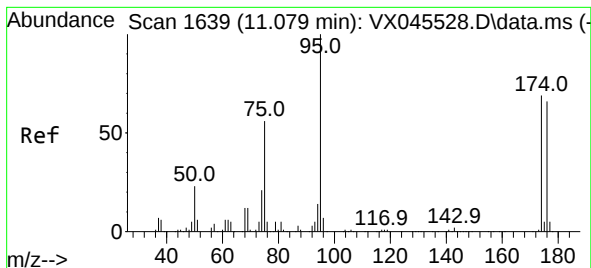
Tgt Ion:117 Resp: 7973
Ion Ratio Lower Upper
117 100
119 5.3 76.9 115.3#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.110 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045756.D
Acq: 14 Apr 2025 10:18

Tgt Ion: 98 Resp: 163386
Ion Ratio Lower Upper
98 100
100 63.9 52.2 78.4

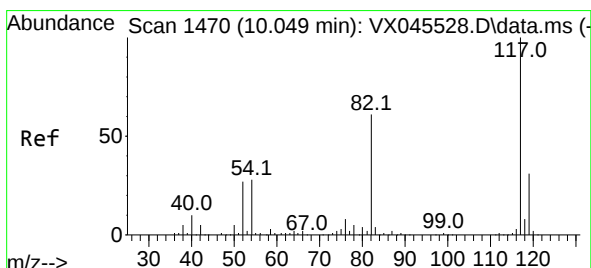
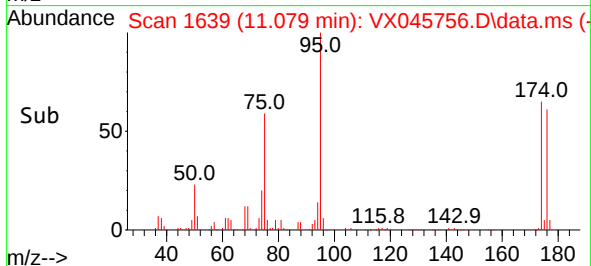
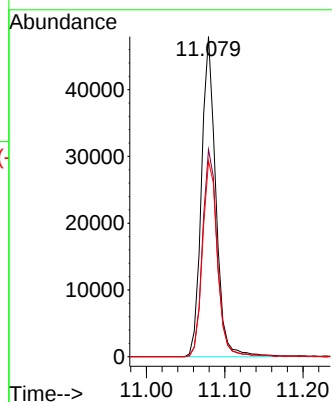
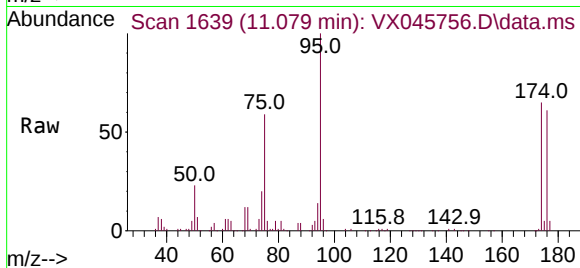




#62
4-Bromofluorobenzene
Concen: 51.333 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045756.D
Acq: 14 Apr 2025 10:18

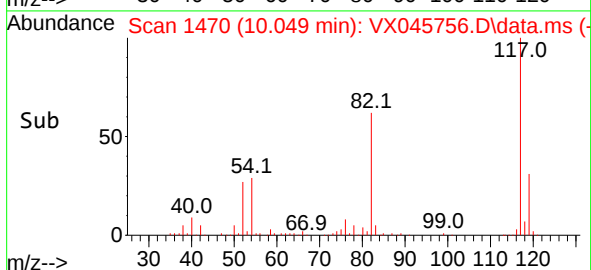
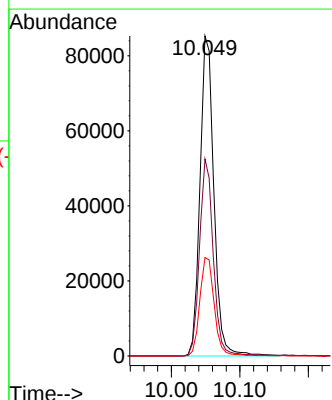
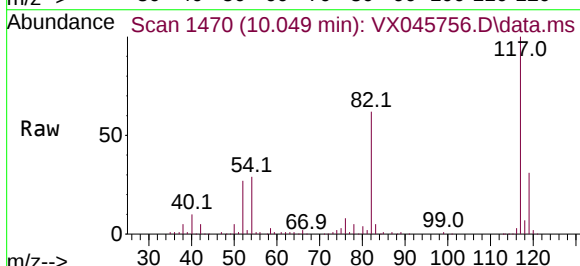
Instrument :
MSVOA_X
ClientSampleId :
VX0414MBL01

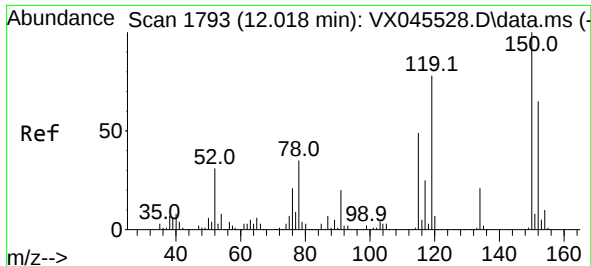
Tgt Ion: 95 Resp: 60966
Ion Ratio Lower Upper
95 100
174 66.9 0.0 135.8
176 63.9 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045756.D
Acq: 14 Apr 2025 10:18

Tgt Ion: 117 Resp: 120808
Ion Ratio Lower Upper
117 100
82 61.5 49.2 73.8
119 30.8 25.1 37.7

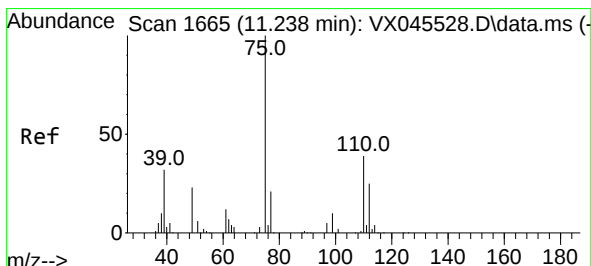
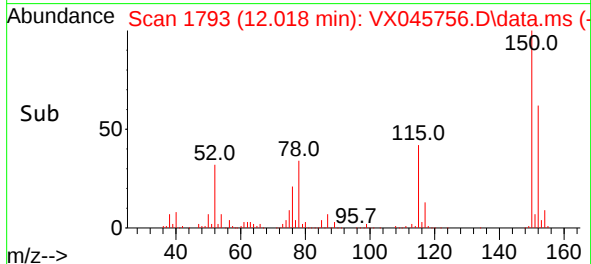
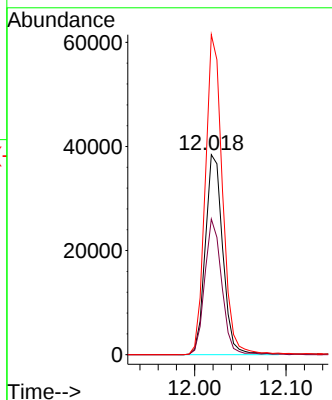
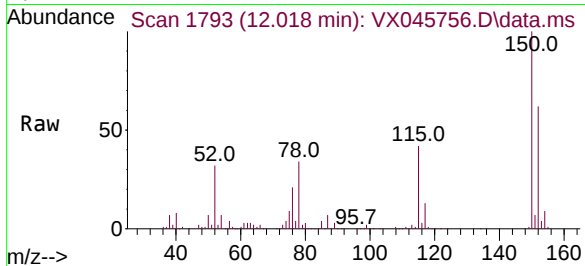




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX045756.D
 Acq: 14 Apr 2025 10:18

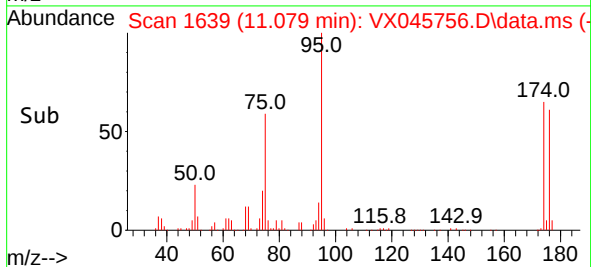
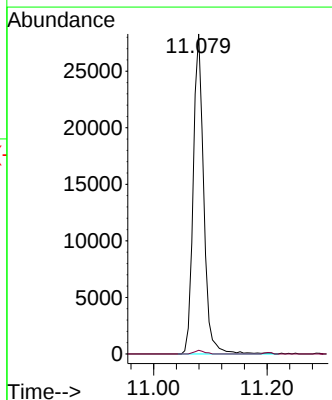
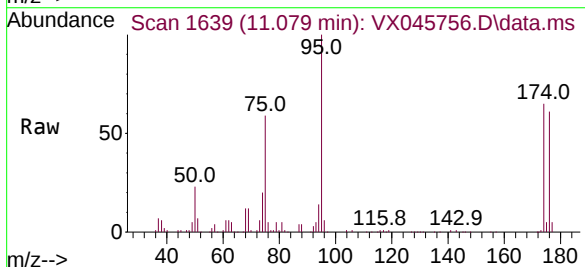
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0414MBL01

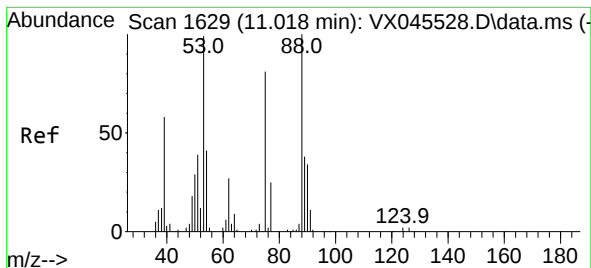
Tgt Ion:152 Resp: 50823
 Ion Ratio Lower Upper
 152 100
 115 66.0 46.9 140.7
 150 157.9 0.0 349.4



#76
 1,2,3-Trichloropropane
 Concen: 29.389 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX045756.D
 Acq: 14 Apr 2025 10:18

Tgt Ion: 75 Resp: 36433
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.0 59.9#

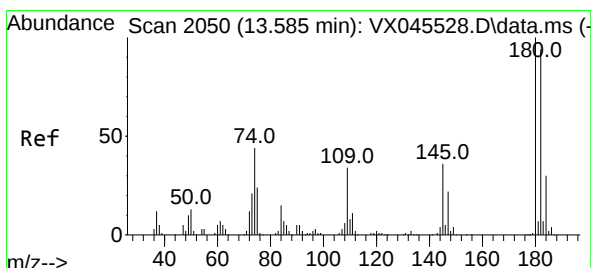
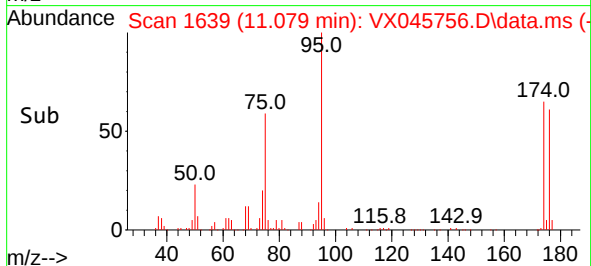
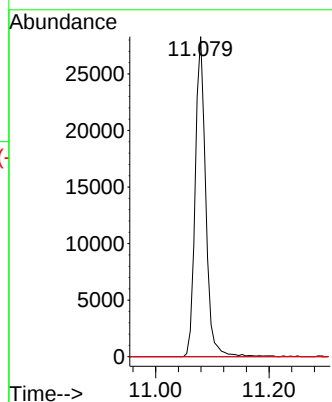
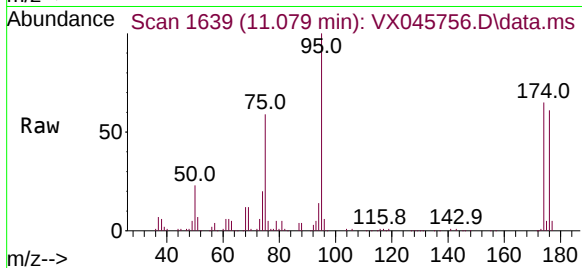




#81
trans-1,4-Dichloro-2-butene
Concen: 99.742 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045756.D
Acq: 14 Apr 2025 10:18

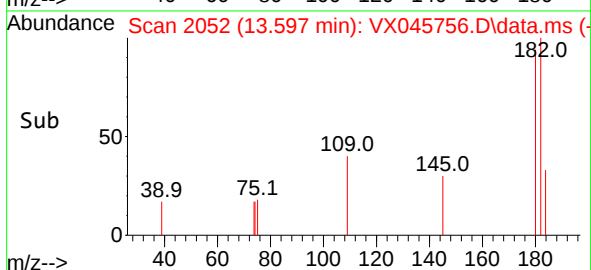
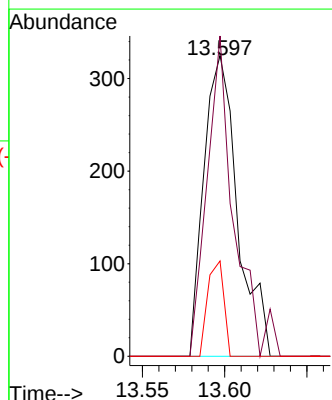
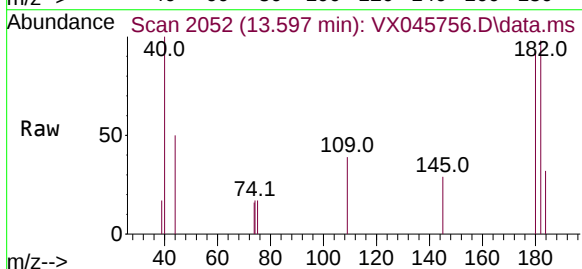
Instrument :
MSVOA_X
ClientSampleId :
VX0414MBL01

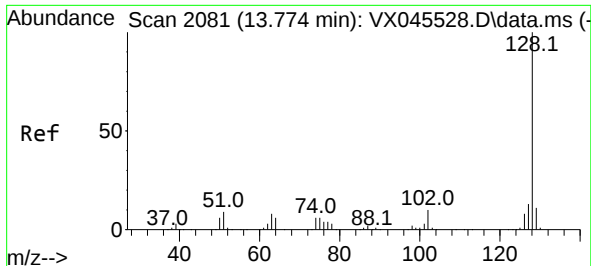
Tgt Ion: 75 Resp: 36433
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 37.2 55.8#



#93
1,2,4-Trichlorobenzene
Concen: 0.489 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.012 min
Lab File: VX045756.D
Acq: 14 Apr 2025 10:18

Tgt Ion:180 Resp: 463
Ion Ratio Lower Upper
180 100
182 85.3 47.9 143.6
145 15.1 17.9 53.8#

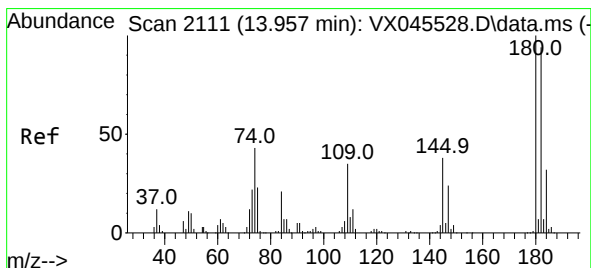
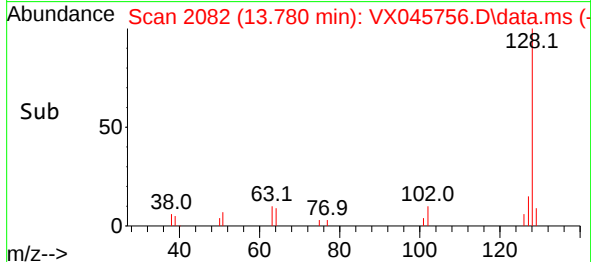
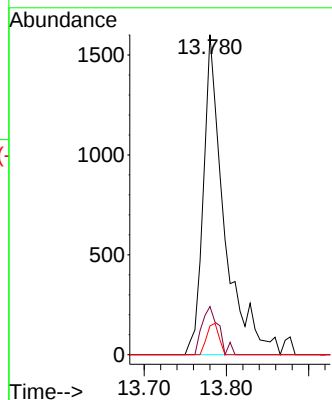
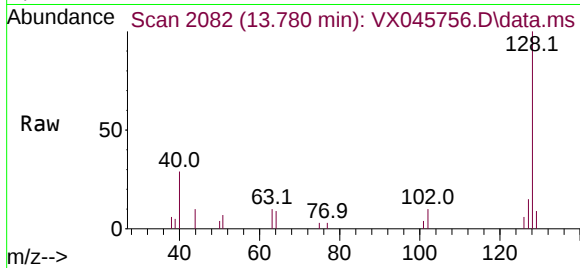




#95
Naphthalene
Concen: 0.805 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX045756.D
Acq: 14 Apr 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX0414MBL01

Tgt Ion:128 Resp: 2837
Ion Ratio Lower Upper
128 100
127 11.9 10.3 15.5
129 5.6 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 0.560 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX045756.D
Acq: 14 Apr 2025 10:18

Tgt Ion:180 Resp: 556
Ion Ratio Lower Upper
180 100
182 88.3 47.3 141.8
145 29.1 18.2 54.6

