

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050225\
 Data File : VX046014.D
 Acq On : 02 May 2025 09:56
 Operator : JC/MD
 Sample : VX0502MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502MBL01

Quant Time: May 02 13:00:57 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)

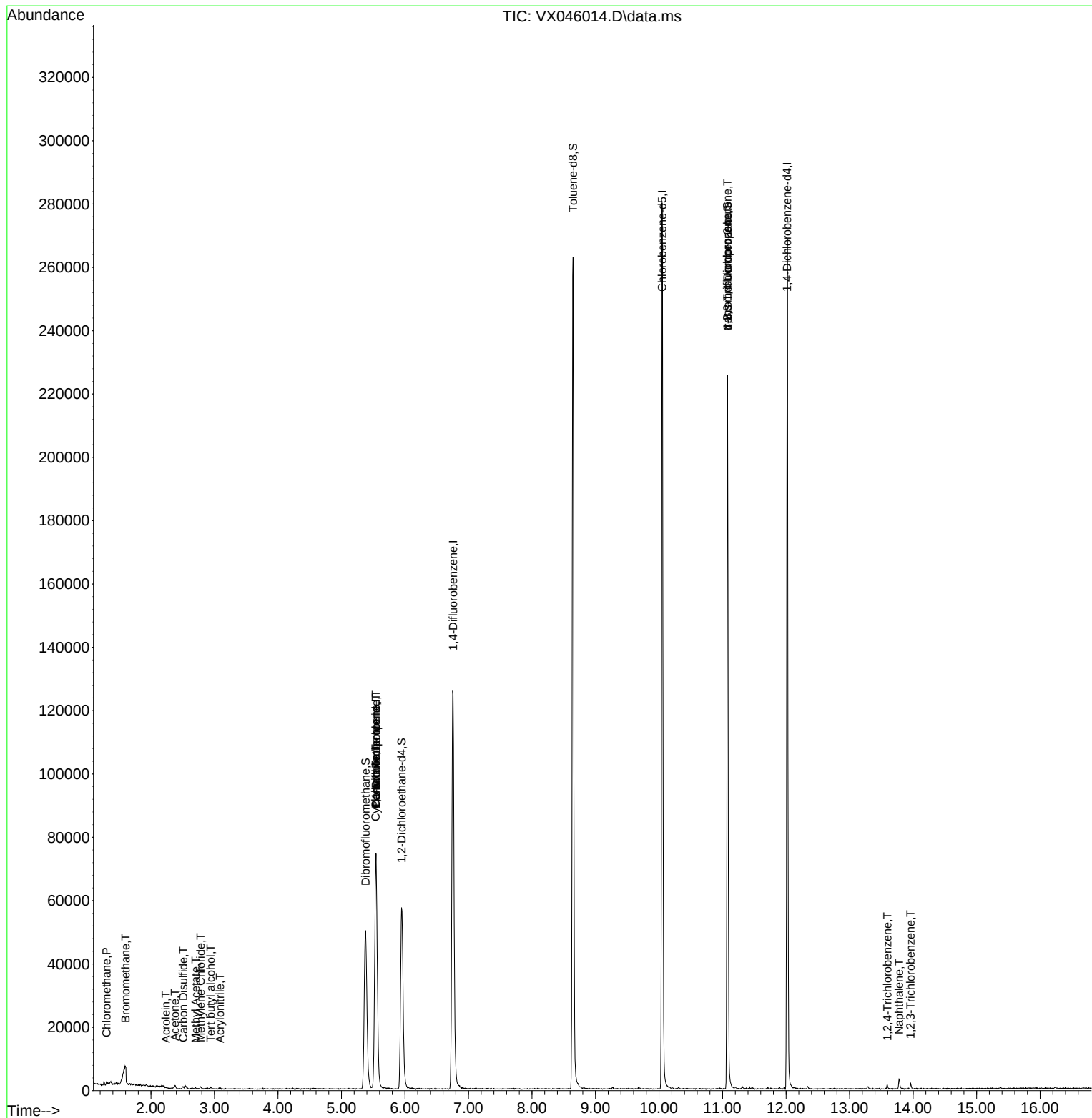
Internal Standards						
1) Pentafluorobenzene	5.544	168	63432	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	123482	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	115682	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49530	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	60975	52.564	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.120%			
35) Dibromofluoromethane	5.379	113	44069	50.301	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.600%			
50) Toluene-d8	8.647	98	153649	50.246	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.500%			
62) 4-Bromofluorobenzene	11.079	95	58729	52.726	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.460%			
Target Compounds					Qvalue	
3) Chloromethane	1.301	50	870	0.893	ug/l #	80
5) Bromomethane	1.599	94	147	0.348	ug/l #	78
11) Tert butyl alcohol	2.941	59	192	1.232	ug/l #	72
13) Acrolein	2.233	56	120	0.559	ug/l #	61
15) Acrylonitrile	3.087	53	142	0.289	ug/l #	69
16) Acetone	2.380	43	1114	2.339	ug/l	99
17) Carbon Disulfide	2.508	76	775	0.412	ug/l #	95
18) Methyl Acetate	2.703	43	516	0.471	ug/l #	54
20) Methylene Chloride	2.782	84	361	0.405	ug/l #	69
31) Cyclohexane	5.538	56	1802	1.266	ug/l #	32
36) 1,1-Dichloropropene	5.544	75	6156	5.204	ug/l #	51
38) Carbon Tetrachloride	5.544	117	7522	5.884	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	33790	27.968	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	33790	94.921	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.597	180	471	0.510	ug/l #	88
95) Naphthalene	13.780	128	2757	0.802	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	502	0.519	ug/l	84

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

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Quant Time: May 02 13:00:57 2025
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Quant Title : SW846 8260
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Response via : Initial Calibration

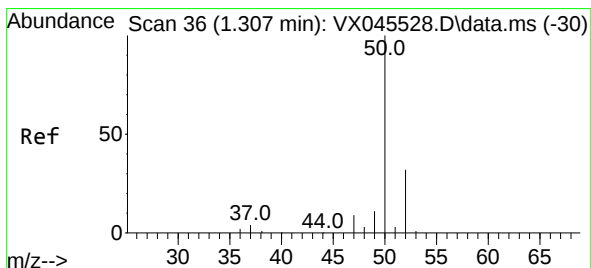
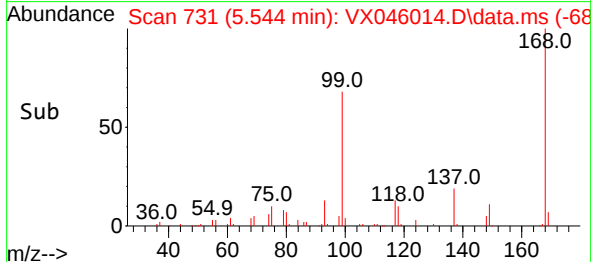
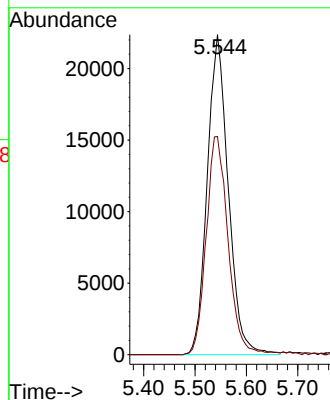
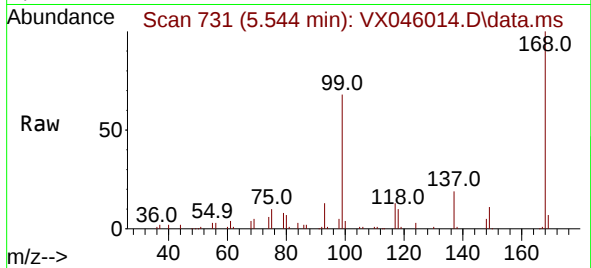




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046014.D
Acq: 02 May 2025 09:56

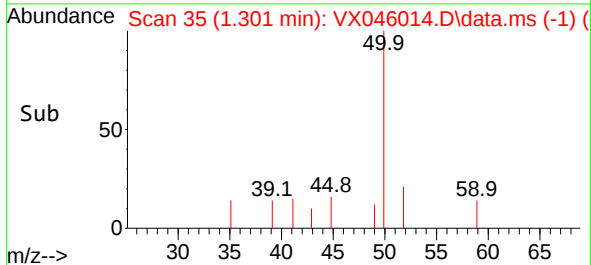
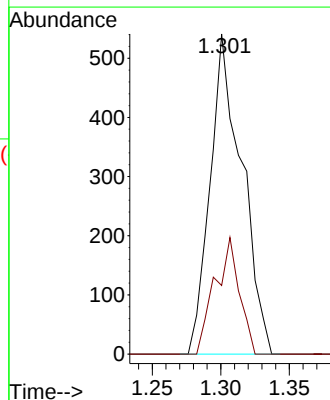
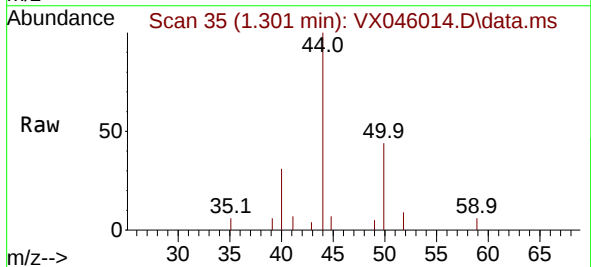
Instrument :
MSVOA_X
ClientSampleId :
VX0502MBL01

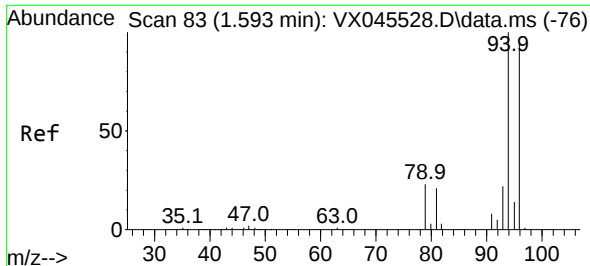
Tgt Ion:168 Resp: 63432
Ion Ratio Lower Upper
168 100
99 68.2 52.3 78.5



#3
Chloromethane
Concen: 0.893 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX046014.D
Acq: 02 May 2025 09:56

Tgt Ion: 50 Resp: 870
Ion Ratio Lower Upper
50 100
52 21.4 25.9 38.9#

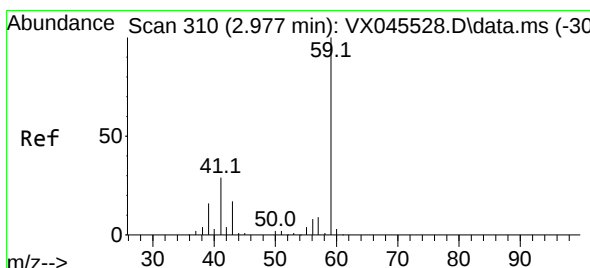
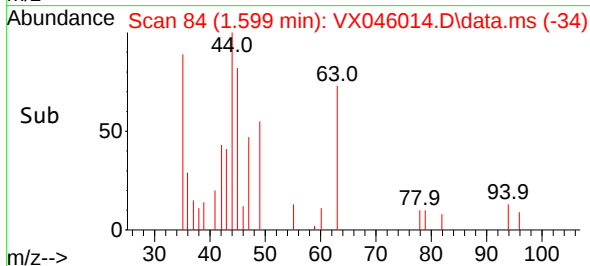
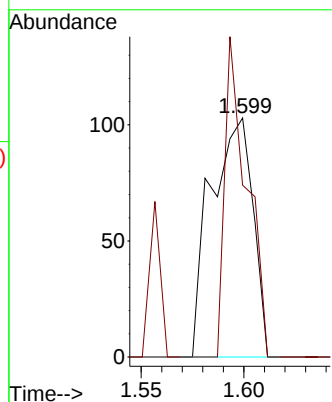
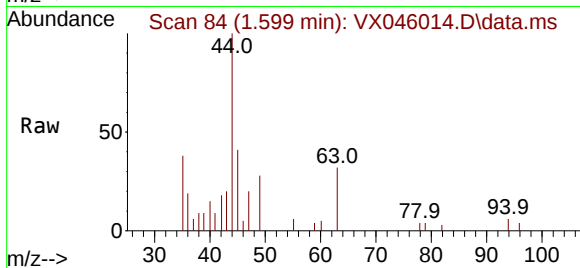




#5
Bromomethane
Concen: 0.348 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX046014.D
Acq: 02 May 2025 09:56

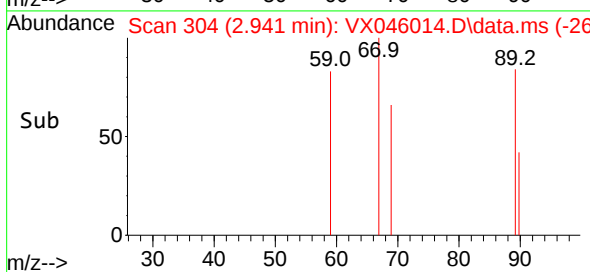
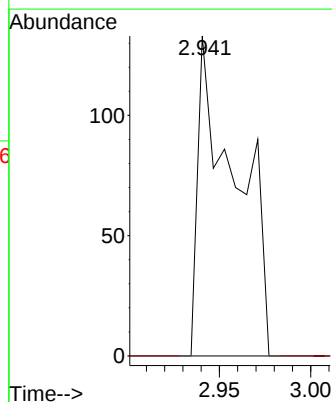
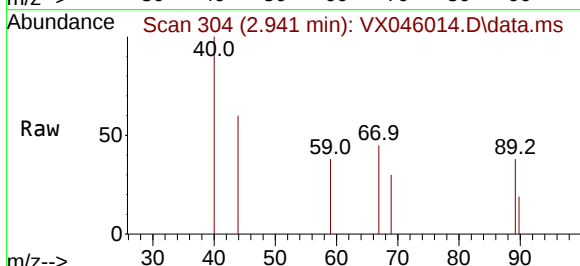
Instrument :
MSVOA_X
ClientSampleId :
VX0502MBL01

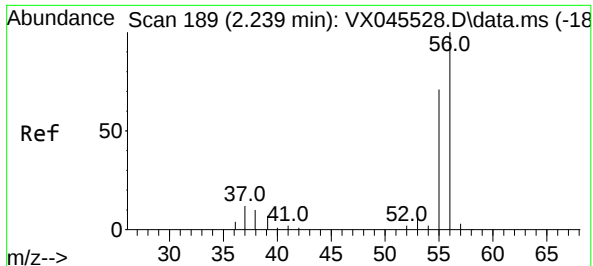
Tgt Ion: 94 Resp: 147
Ion Ratio Lower Upper
94 100
96 71.8 74.8 112.2#



#11
Tert butyl alcohol
Concen: 1.232 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.036 min
Lab File: VX046014.D
Acq: 02 May 2025 09:56

Tgt Ion: 59 Resp: 192
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

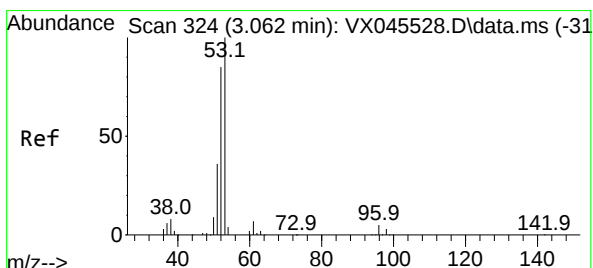
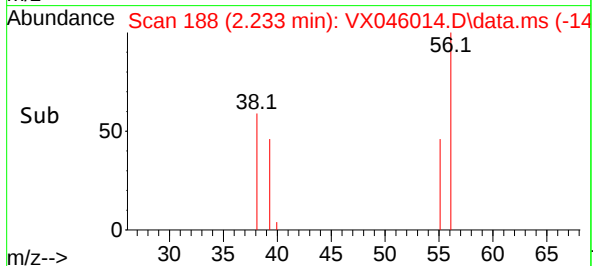
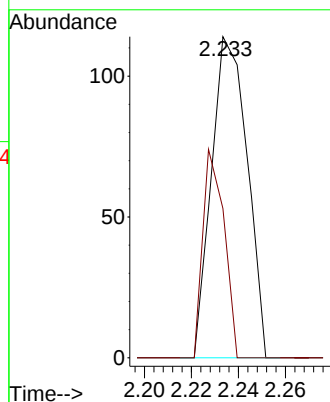
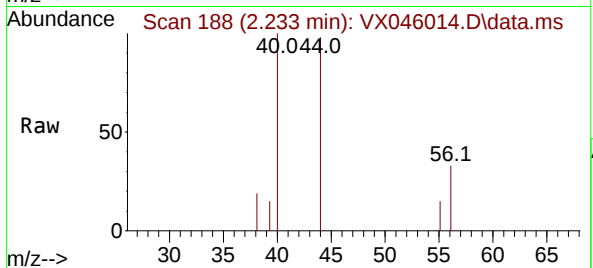




#13
Acrolein
Concen: 0.559 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX046014.D
Acq: 02 May 2025 09:56

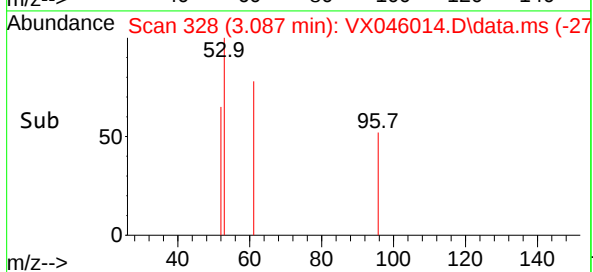
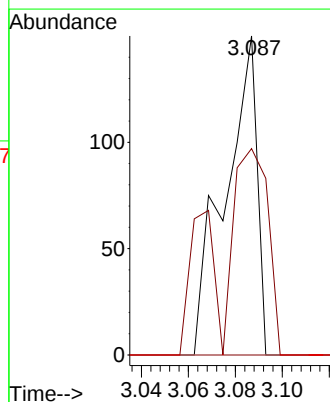
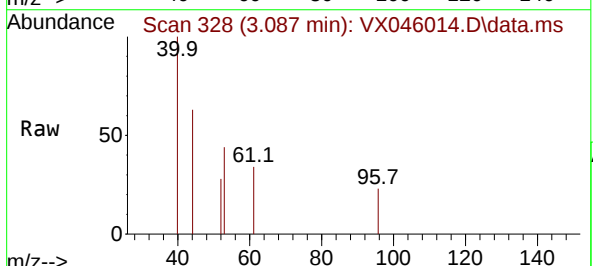
Instrument :
MSVOA_X
ClientSampleId :
VX0502MBL01

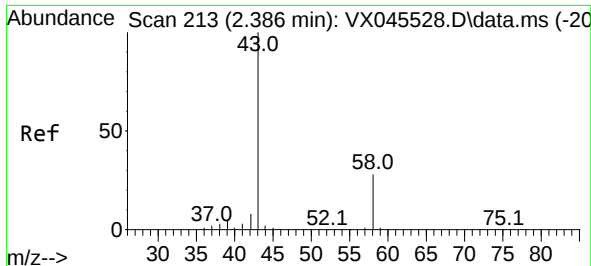
Tgt Ion: 56 Resp: 120
Ion Ratio Lower Upper
56 100
55 38.3 56.2 84.2#



#15
Acrylonitrile
Concen: 0.289 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.024 min
Lab File: VX046014.D
Acq: 02 May 2025 09:56

Tgt Ion: 53 Resp: 142
Ion Ratio Lower Upper
53 100
52 69.0 67.4 101.2
51 0.0 29.9 44.9#

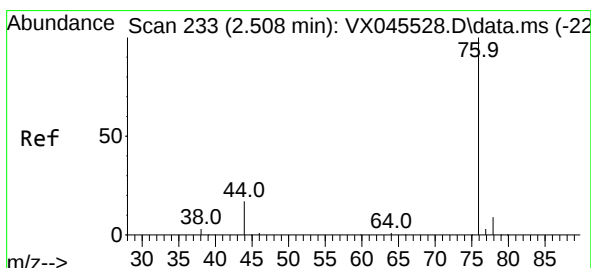
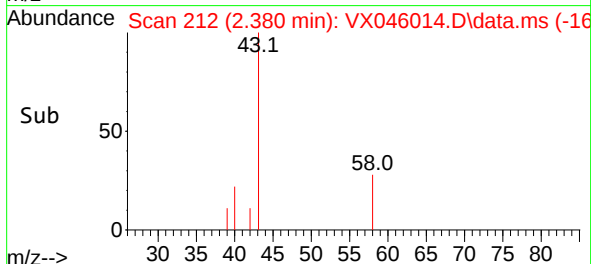
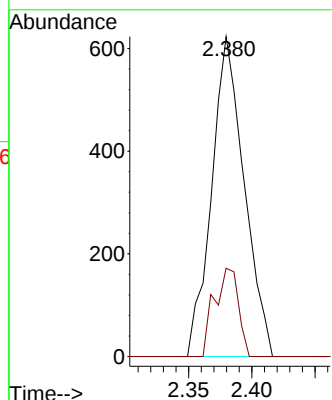
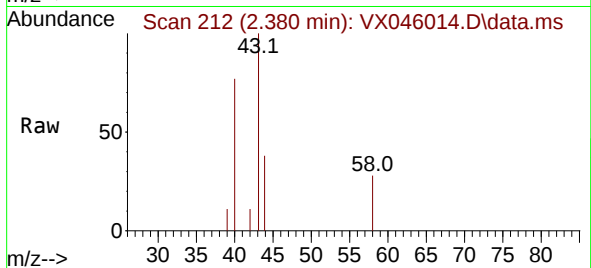




#16
Acetone
Concen: 2.339 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046014.D
Acq: 02 May 2025 09:56

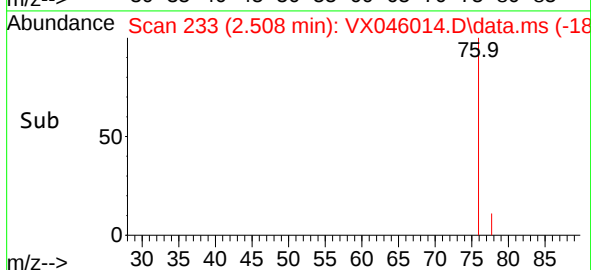
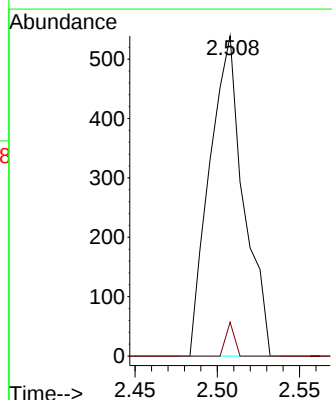
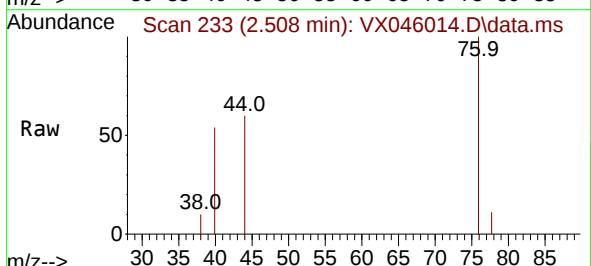
Instrument :
MSVOA_X
ClientSampleId :
VX0502MBL01

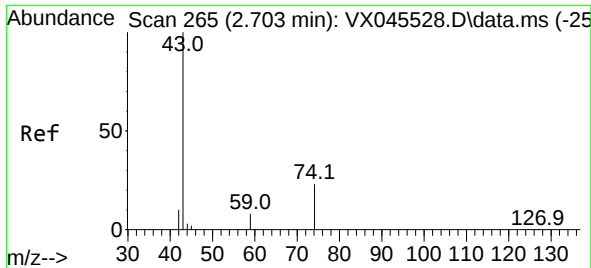
Tgt Ion: 43 Resp: 1114
Ion Ratio Lower Upper
43 100
58 27.6 22.3 33.5



#17
Carbon Disulfide
Concen: 0.412 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.000 min
Lab File: VX046014.D
Acq: 02 May 2025 09:56

Tgt Ion: 76 Resp: 775
Ion Ratio Lower Upper
76 100
78 10.6 7.0 10.6#

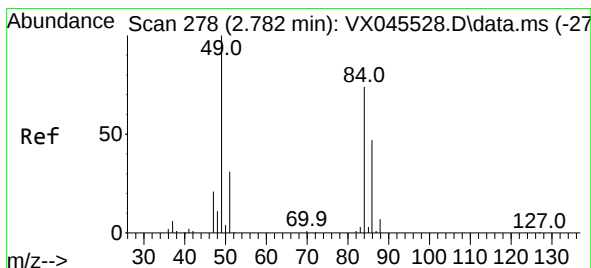
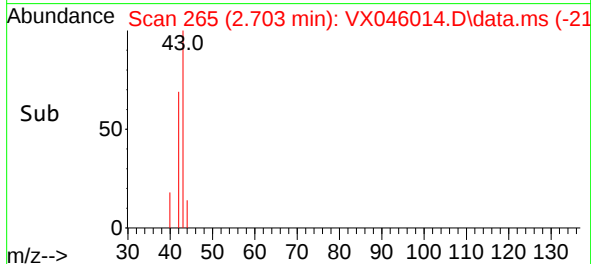
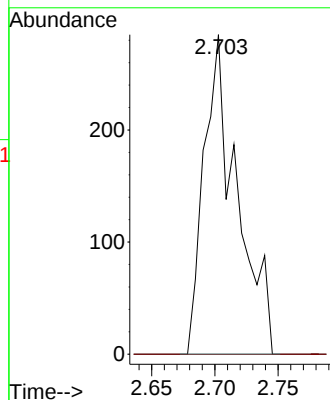
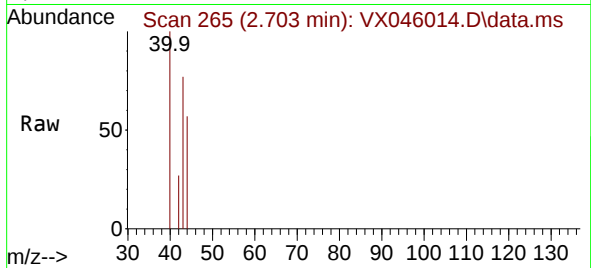




#18
Methyl Acetate
Concen: 0.471 ug/l
RT: 2.703 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX046014.D
Acq: 02 May 2025 09:56

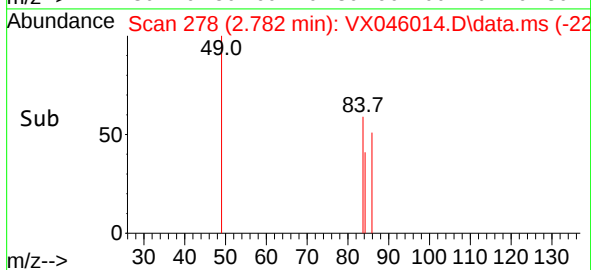
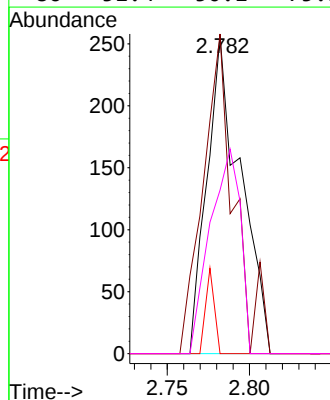
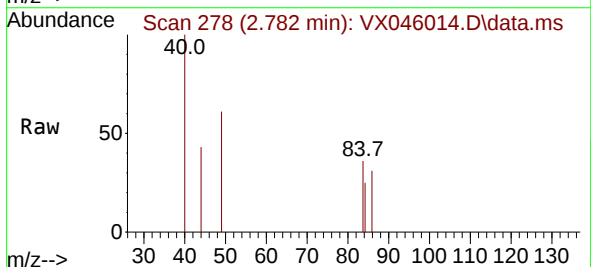
Instrument :
MSVOA_X
ClientSampleId :
VX0502MBL01

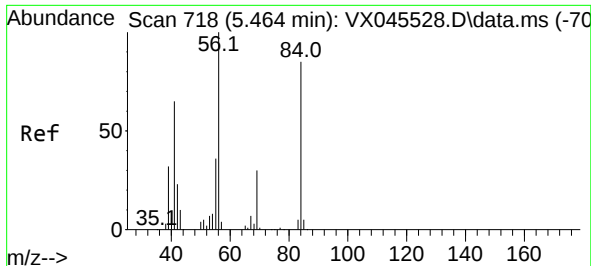
Tgt Ion: 43 Resp: 516
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



#20
Methylene Chloride
Concen: 0.405 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX046014.D
Acq: 02 May 2025 09:56

Tgt Ion: 84 Resp: 361
Ion Ratio Lower Upper
84 100
49 100.4 107.5 161.3#
51 0.0 33.0 49.6#
86 51.4 50.1 75.1

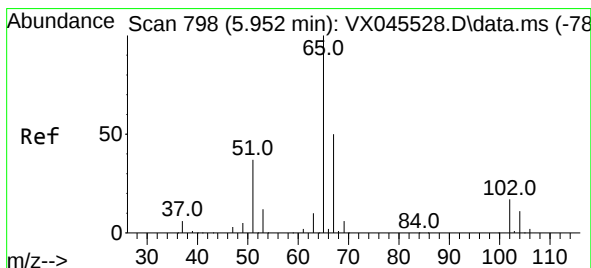
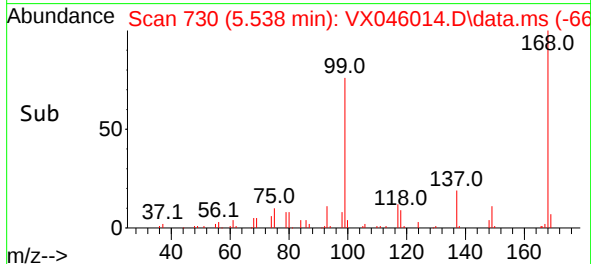
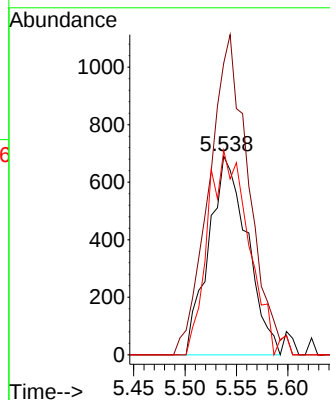
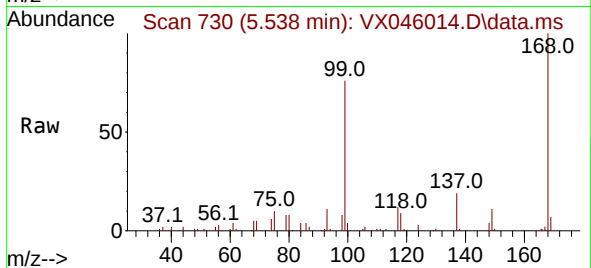




#31
Cyclohexane
Concen: 1.266 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX046014.D
Acq: 02 May 2025 09:56

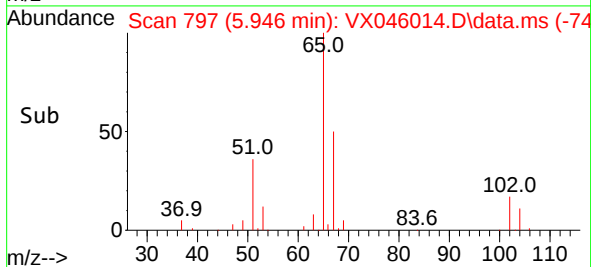
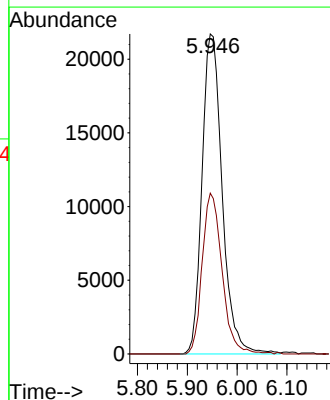
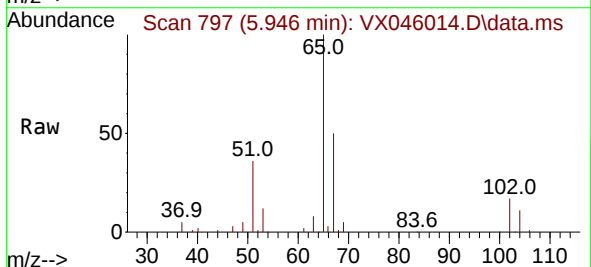
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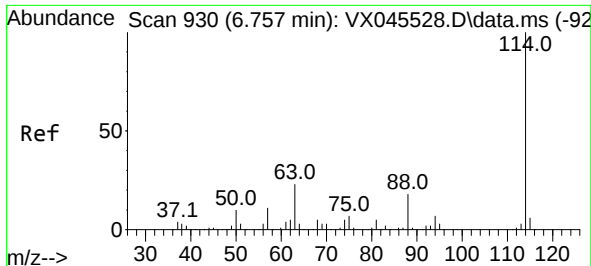
Tgt Ion: 56 Resp: 1802
Ion Ratio Lower Upper
56 100
69 139.7 23.6 35.4#
84 103.0 67.7 101.5#



#33
1,2-Dichloroethane-d4
Concen: 52.564 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX046014.D
Acq: 02 May 2025 09:56

Tgt Ion: 65 Resp: 60975
Ion Ratio Lower Upper
65 100
67 49.5 0.0 99.0

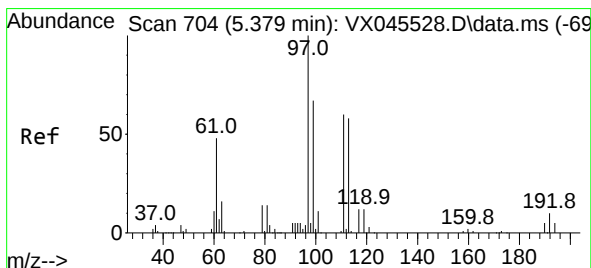
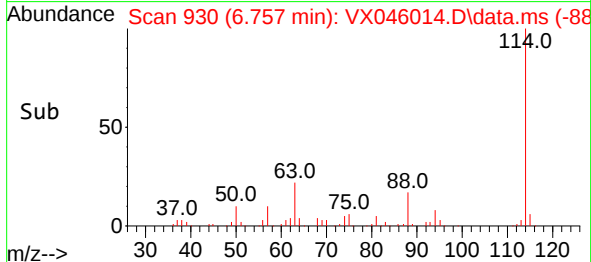
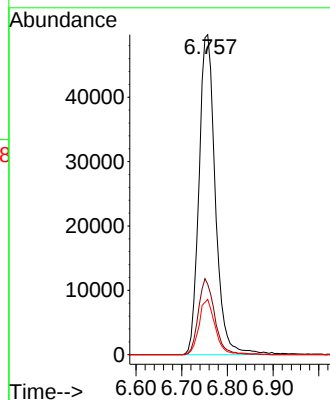
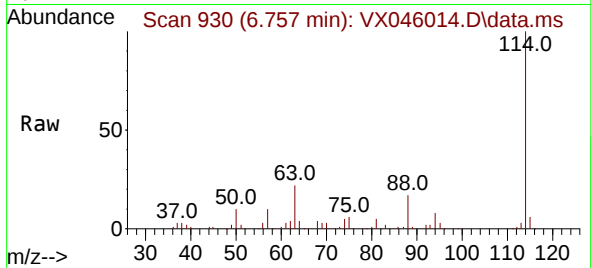




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 914
Delta R.T. 0.000 min
Lab File: VX046014.D
Acq: 02 May 2025 09:56

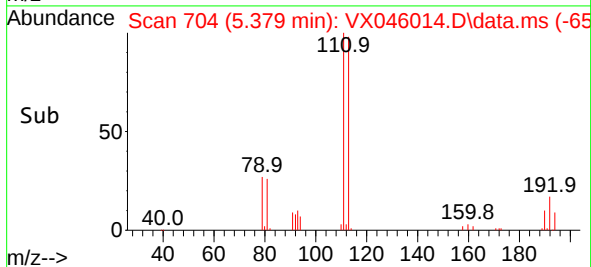
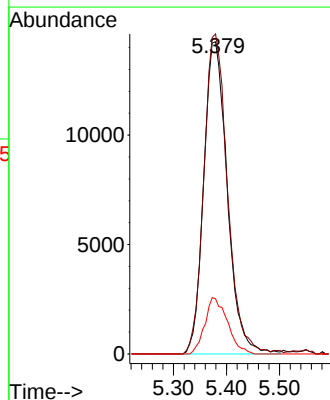
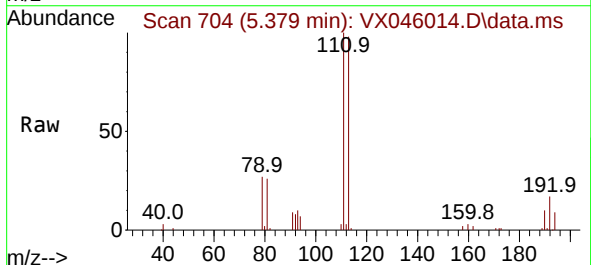
Instrument :
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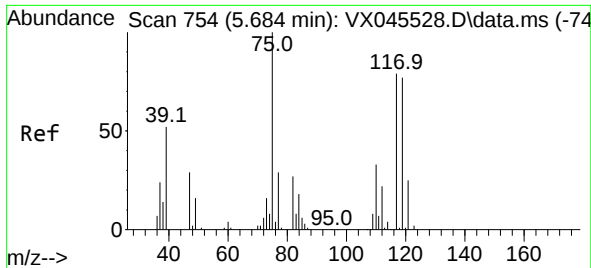
Tgt Ion:114 Resp: 123482
Ion Ratio Lower Upper
114 100
63 22.0 0.0 46.8
88 17.3 0.0 35.4



#35
Dibromofluoromethane
Concen: 50.301 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046014.D
Acq: 02 May 2025 09:56

Tgt Ion:113 Resp: 44069
Ion Ratio Lower Upper
113 100
111 102.5 81.8 122.6
192 17.3 13.8 20.6

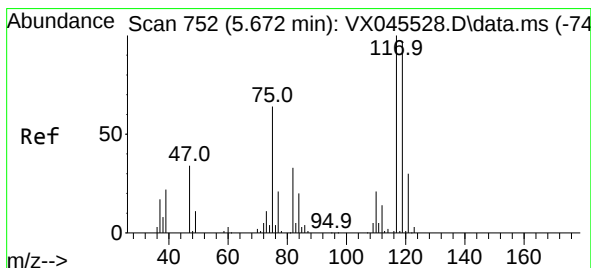
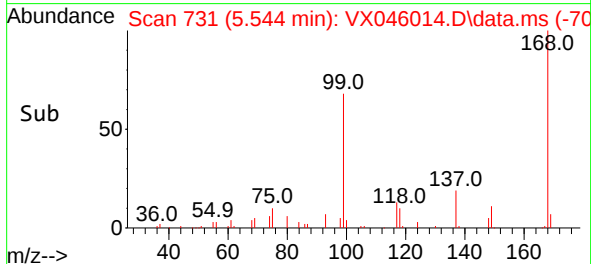
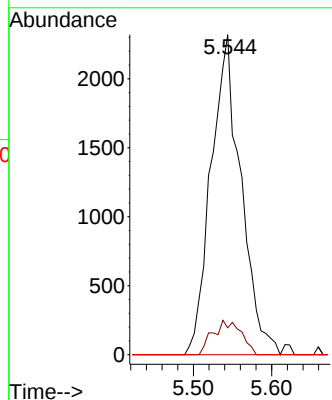
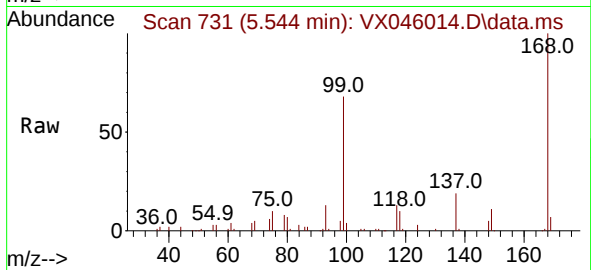




#36
1,1-Dichloropropene
Concen: 5.204 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX046014.D
Acq: 02 May 2025 09:56

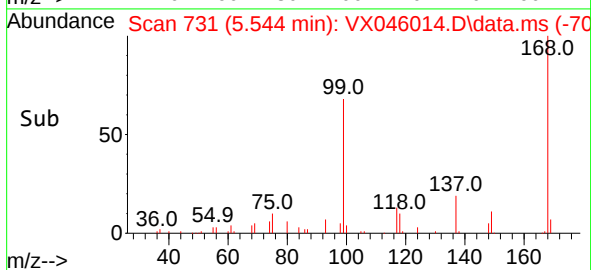
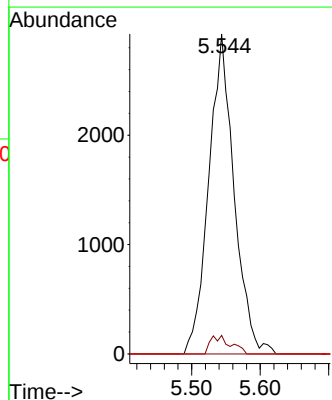
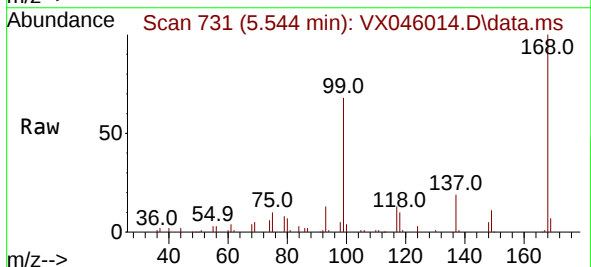
Instrument :
MSVOA_X
ClientSampleId :
VX0502MBL01

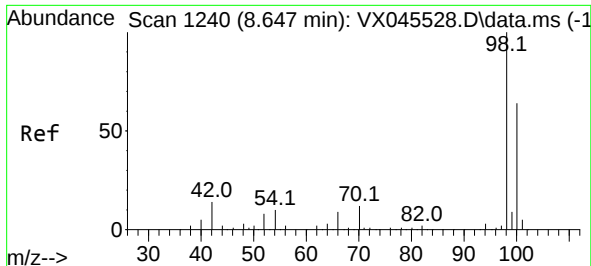
Tgt Ion: 75 Resp: 6156
Ion Ratio Lower Upper
75 100
110 10.1 16.9 50.6#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.884 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX046014.D
Acq: 02 May 2025 09:56

Tgt Ion: 117 Resp: 7522
Ion Ratio Lower Upper
117 100
119 5.8 76.9 115.3#
121 0.0 24.2 36.2#

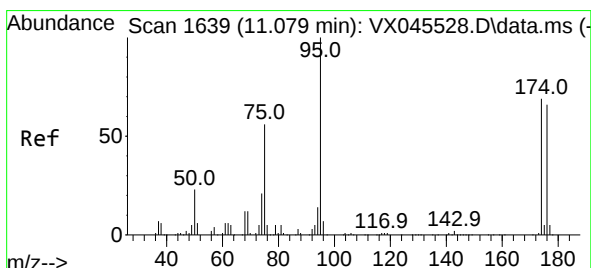
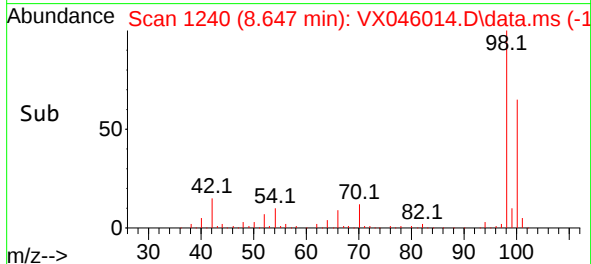
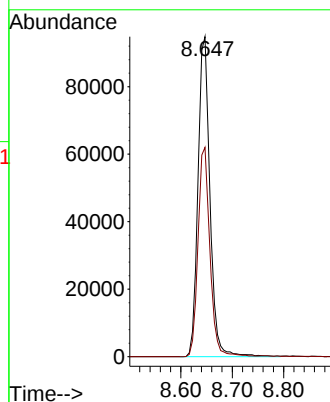
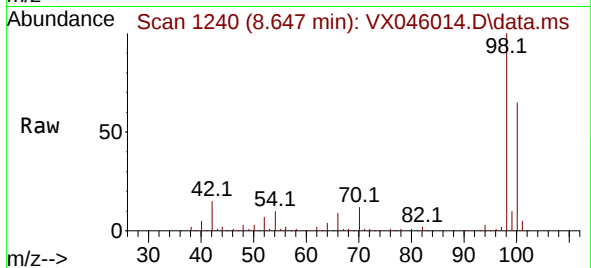




#50
Toluene-d8
Concen: 50.246 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046014.D
Acq: 02 May 2025 09:56

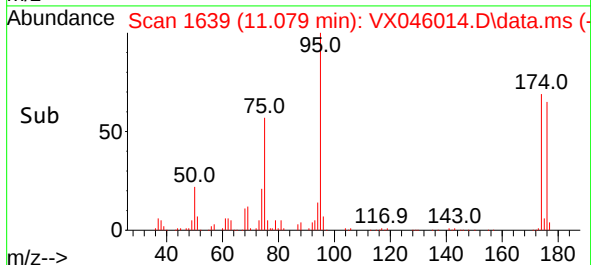
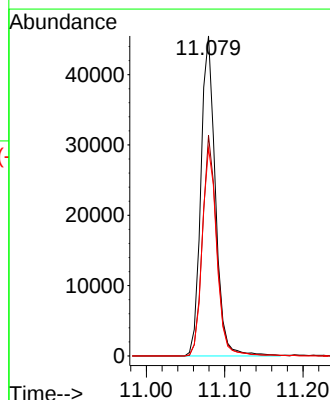
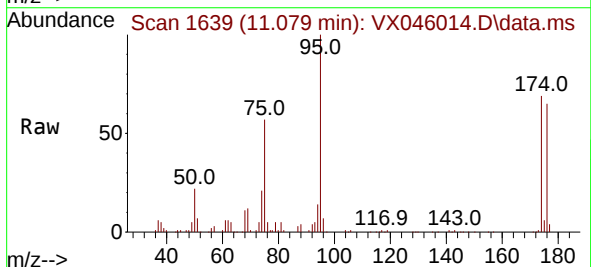
Instrument :
MSVOA_X
ClientSampleId :
VX0502MBL01

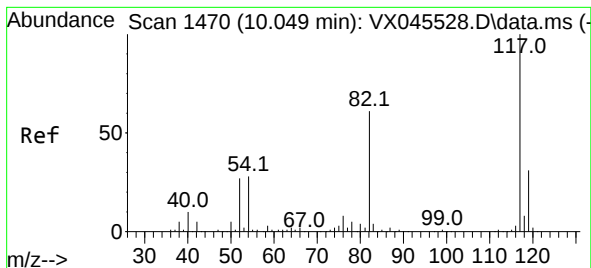
Tgt Ion: 98 Resp: 153649
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 52.726 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046014.D
Acq: 02 May 2025 09:56

Tgt Ion: 95 Resp: 58729
Ion Ratio Lower Upper
95 100
174 67.8 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: VX046014.D

Acq: 02 May 2025 09:56

Instrument :

MSVOA_X

ClientSampleId :

VX0502MBL01

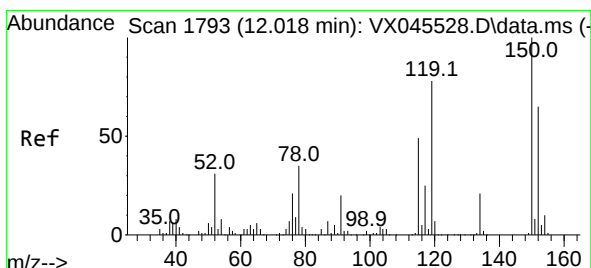
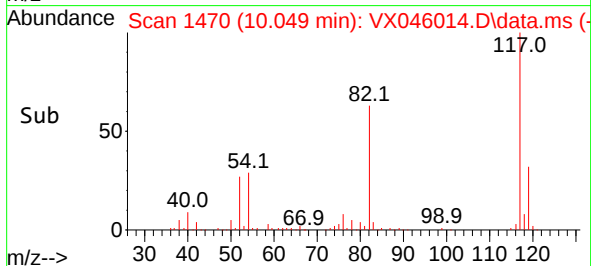
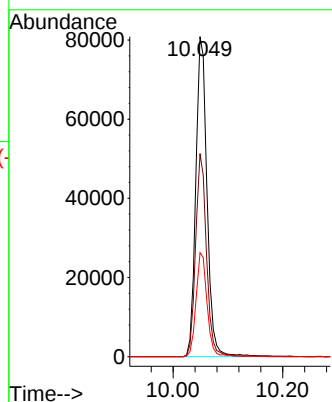
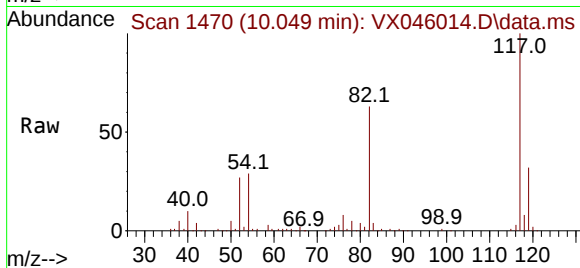
Tgt Ion:117 Resp: 115682

Ion Ratio Lower Upper

117 100

82 63.5 49.2 73.8

119 32.5 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: VX046014.D

Acq: 02 May 2025 09:56

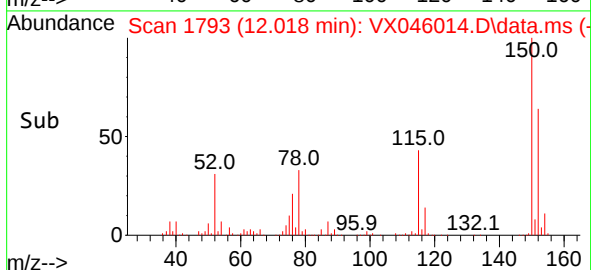
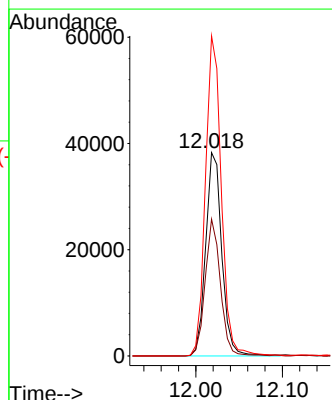
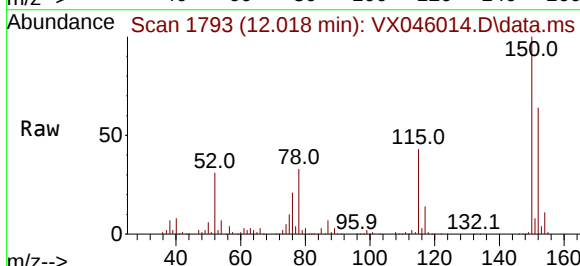
Tgt Ion:152 Resp: 49530

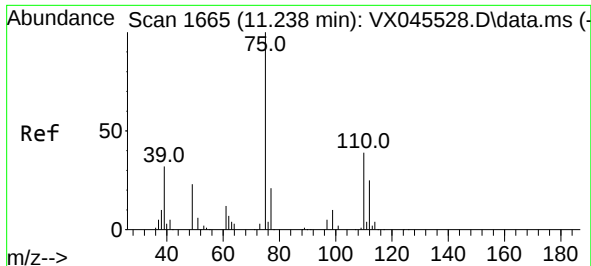
Ion Ratio Lower Upper

152 100

115 63.6 46.9 140.7

150 154.6 0.0 349.4

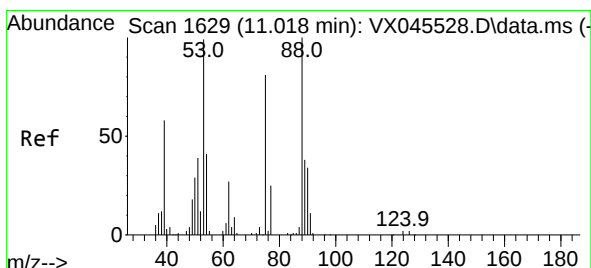
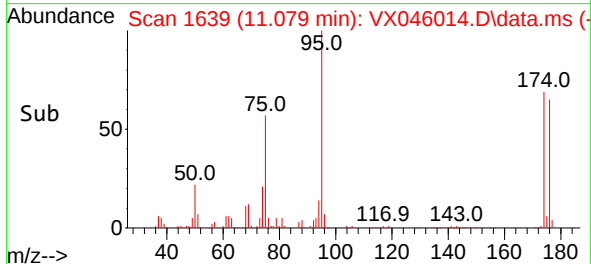
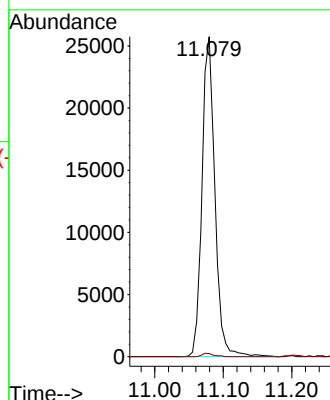
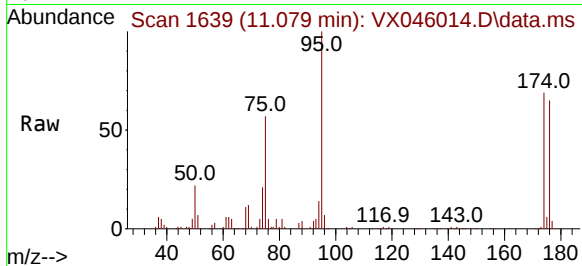




#76
1,2,3-Trichloropropane
Concen: 27.968 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX046014.D
Acq: 02 May 2025 09:56

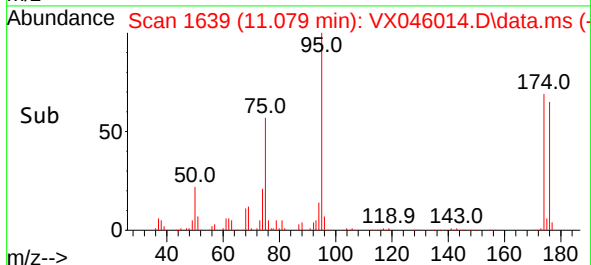
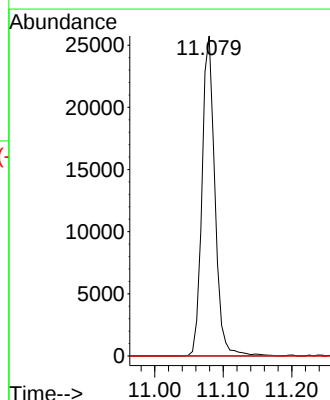
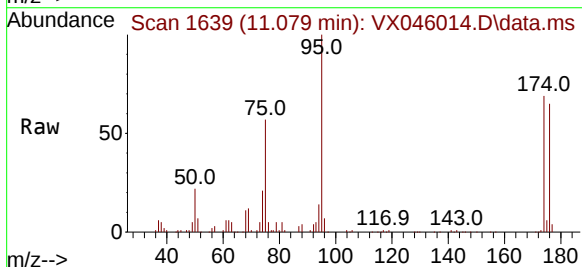
Instrument :
MSVOA_X
ClientSampleId :
VX0502MBL01

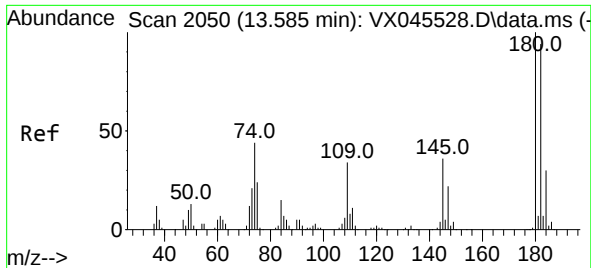
Tgt Ion: 75 Resp: 33790
Ion Ratio Lower Upper
75 100
77 1.0 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.921 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046014.D
Acq: 02 May 2025 09:56

Tgt Ion: 75 Resp: 33790
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 37.2 55.8#

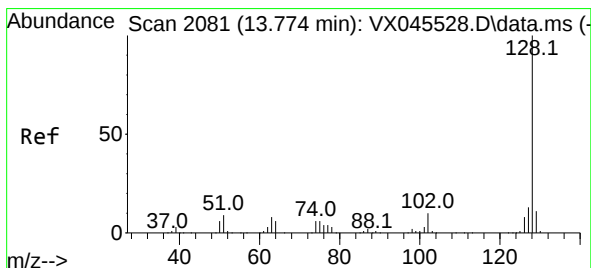
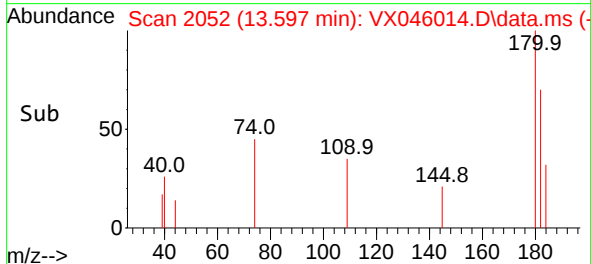
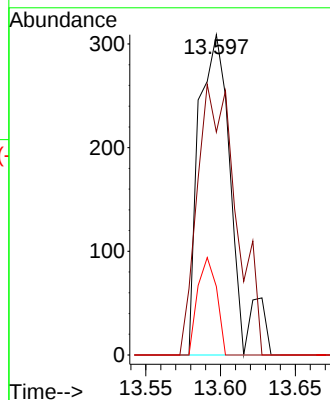
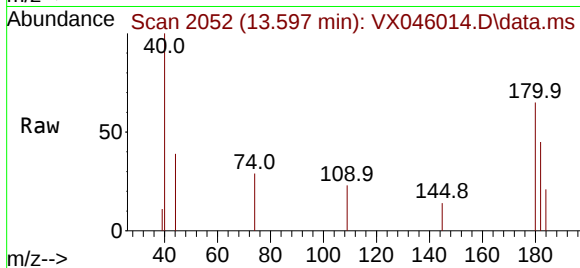




#93
1,2,4-Trichlorobenzene
Concen: 0.510 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.012 min
Lab File: VX046014.D
Acq: 02 May 2025 09:56

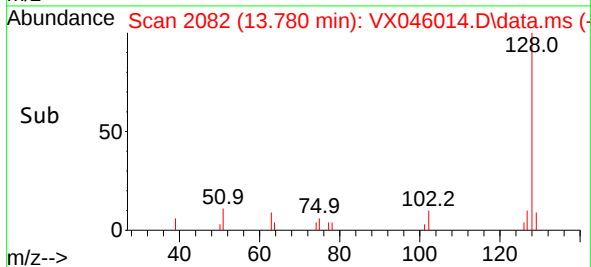
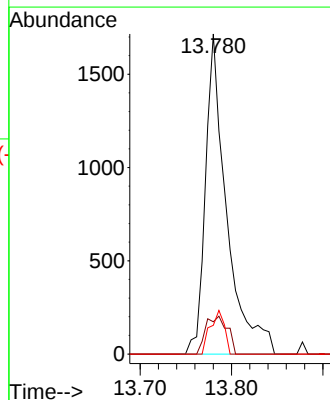
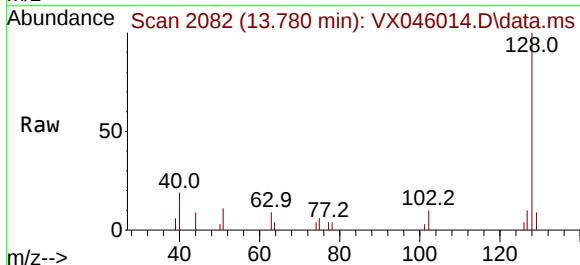
Instrument :
MSVOA_X
ClientSampleId :
VX0502MBL01

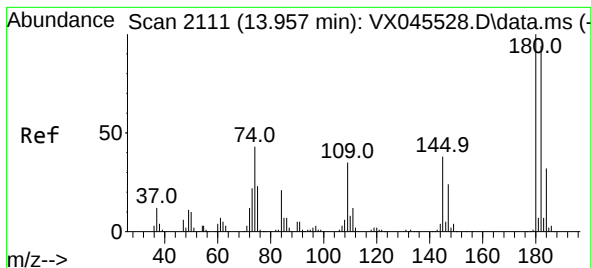
Tgt Ion:180 Resp: 471
Ion Ratio Lower Upper
180 100
182 100.0 47.9 143.6
145 17.6 17.9 53.8#



#95
Naphthalene
Concen: 0.802 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX046014.D
Acq: 02 May 2025 09:56

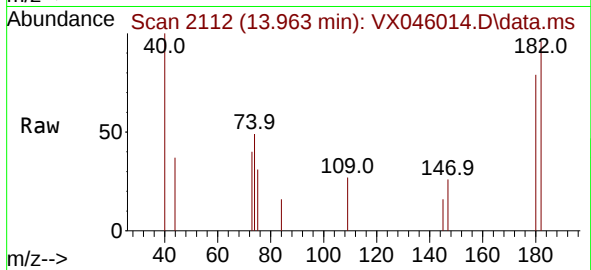
Tgt Ion:128 Resp: 2757
Ion Ratio Lower Upper
128 100
127 12.1 10.3 15.5
129 9.1 8.6 12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 0.519 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VX046014.D
 Acq: 02 May 2025 09:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502MBL01



Tgt Ion:180	Resp:	502
Ion	Ratio	Lower Upper
180	100	
182	113.1	47.3 141.8
145	31.3	18.2 54.6

