

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
 Data File : VX045665.D
 Acq On : 09 Apr 2025 11:03
 Operator : JC/MD
 Sample : VX0409MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409MBL01

Quant Time: Apr 10 01:33:27 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)

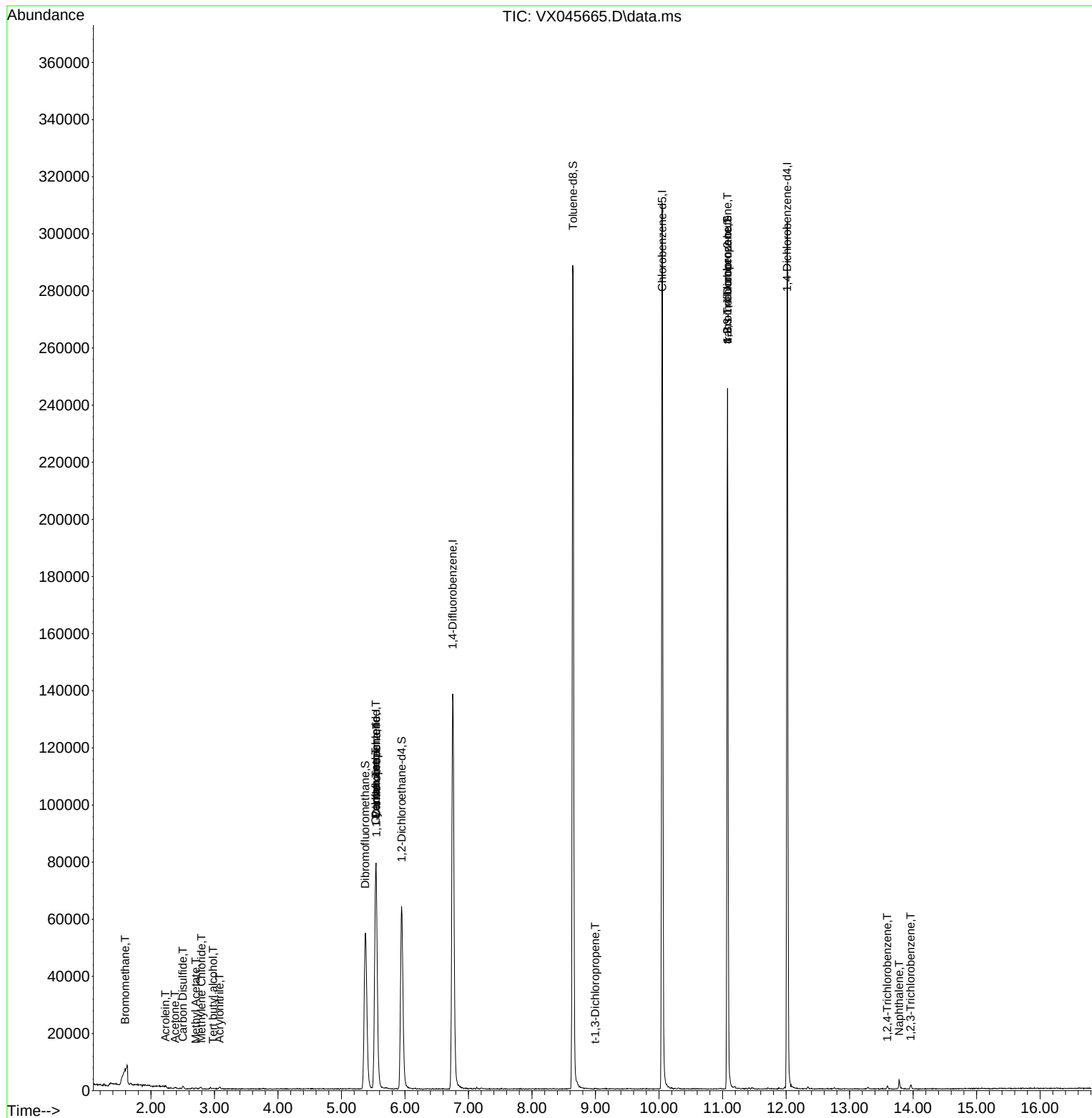
Internal Standards						
1) Pentafluorobenzene	5.544	168	66926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	133158	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	126503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54989	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	66494	54.330	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.660%			
35) Dibromofluoromethane	5.373	113	48699	51.547	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.100%			
50) Toluene-d8	8.647	98	167343	50.747	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.500%			
62) 4-Bromofluorobenzene	11.079	95	65559	54.581	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.160%			
Target Compounds						Qvalue
5) Bromomethane	1.593	94	110	0.247	ug/l	82
11) Tert butyl alcohol	2.977	59	51	0.310	ug/l #	72
13) Acrolein	2.227	56	177	0.781	ug/l #	73
15) Acrylonitrile	3.081	53	271	0.522	ug/l #	72
16) Acetone	2.380	43	663	1.319	ug/l	90
17) Carbon Disulfide	2.502	76	1078	0.543	ug/l #	87
18) Methyl Acetate	2.703	43	363	0.314	ug/l #	54
20) Methylene Chloride	2.794	84	315	0.335	ug/l #	60
31) Cyclohexane	5.538	56	2141	1.426	ug/l #	24
36) 1,1-Dichloropropene	5.550	75	6722	5.270	ug/l #	51
38) Carbon Tetrachloride	5.544	117	7769	5.635	ug/l #	16
53) t-1,3-Dichloropropene	8.994	75	79	2.342	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	37580	28.017	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	37580	95.087	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.591	180	465	0.454	ug/l #	80
95) Naphthalene	13.780	128	2704	0.709	ug/l #	91
96) 1,2,3-Trichlorobenzene	13.963	180	609	0.567	ug/l #	79

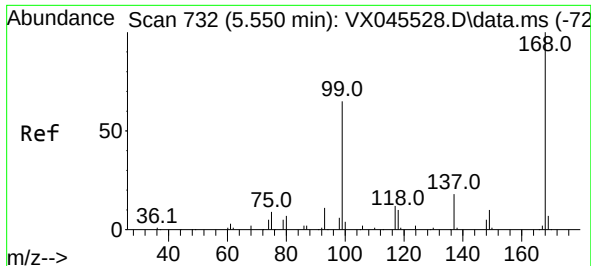
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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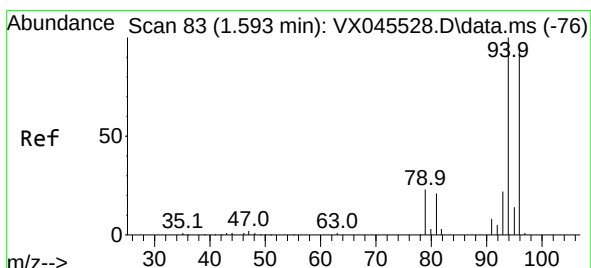
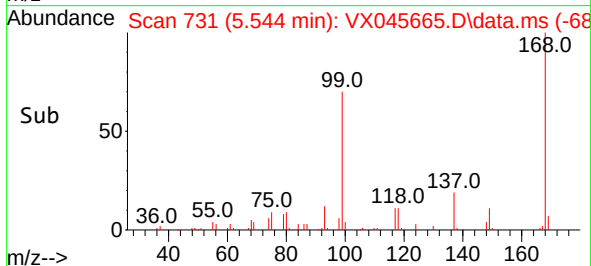
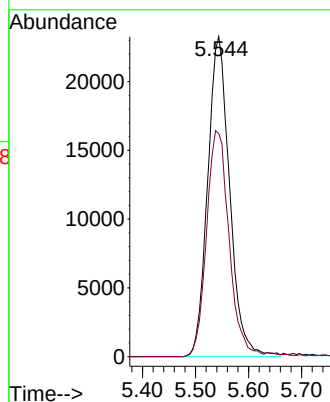
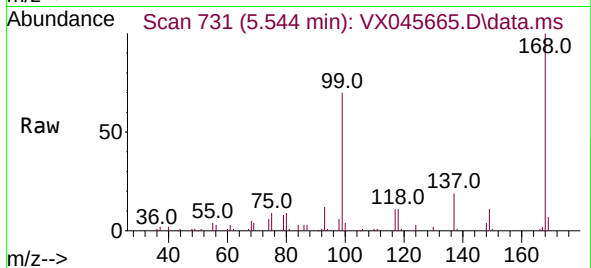




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045665.D
Acq: 09 Apr 2025 11:03

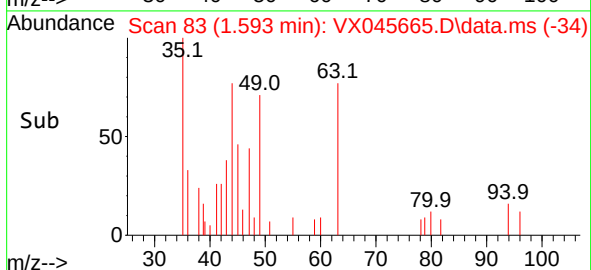
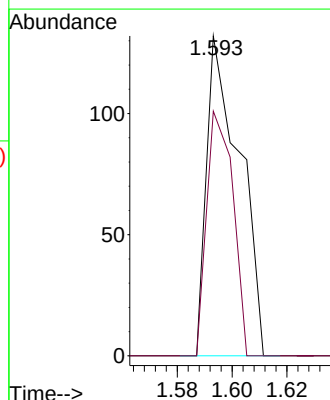
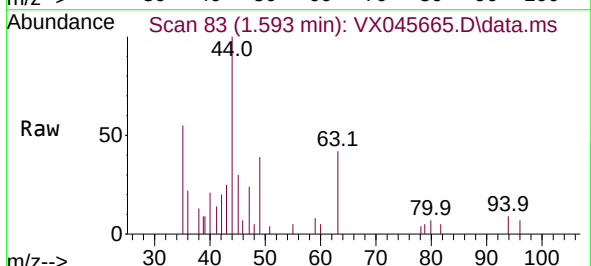
Instrument :
MSVOA_X
ClientSampleId :
VX0409MBL01

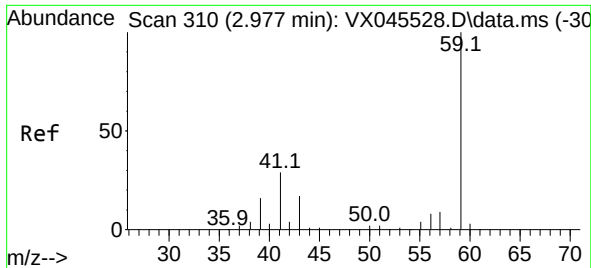
Tgt Ion:168 Resp: 66926
Ion Ratio Lower Upper
168 100
99 69.7 52.3 78.5



#5
Bromomethane
Concen: 0.247 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX045665.D
Acq: 09 Apr 2025 11:03

Tgt Ion: 94 Resp: 110
Ion Ratio Lower Upper
94 100
96 76.5 74.8 112.2

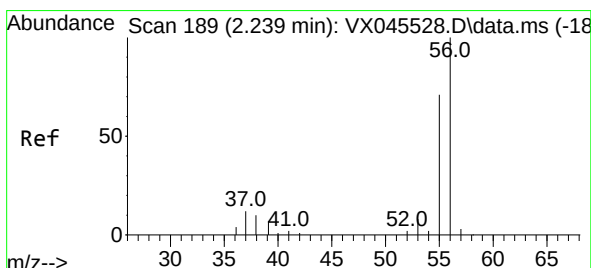
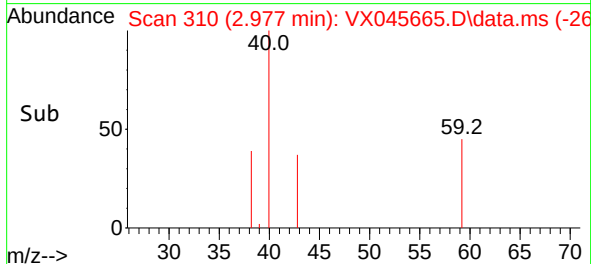
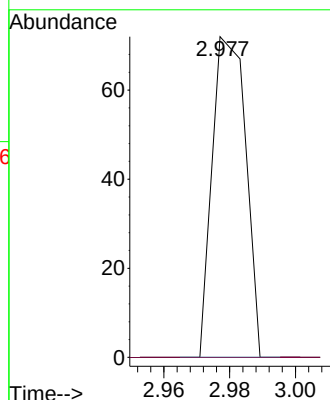
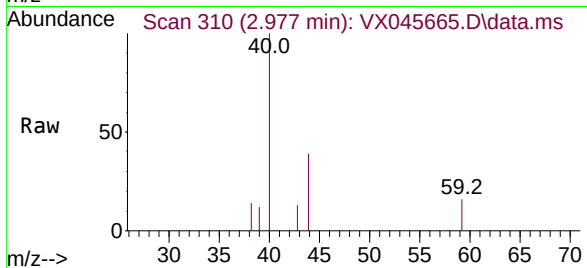




#11
Tert butyl alcohol
Concen: 0.310 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.000 min
Lab File: VX045665.D
Acq: 09 Apr 2025 11:03

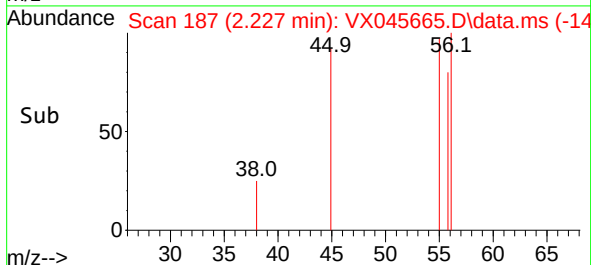
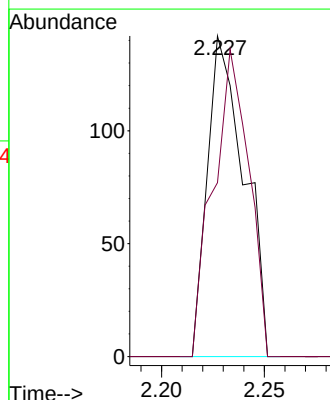
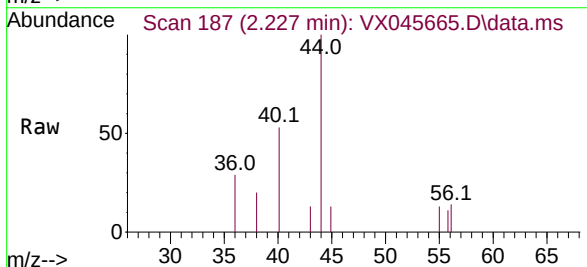
Instrument :
MSVOA_X
ClientSampleId :
VX0409MBL01

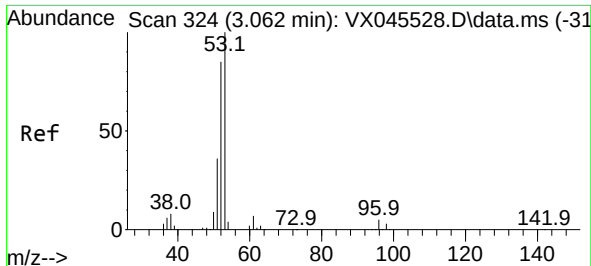
Tgt Ion: 59 Resp: 51
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#13
Acrolein
Concen: 0.781 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.012 min
Lab File: VX045665.D
Acq: 09 Apr 2025 11:03

Tgt Ion: 56 Resp: 177
Ion Ratio Lower Upper
56 100
55 92.7 56.2 84.2#

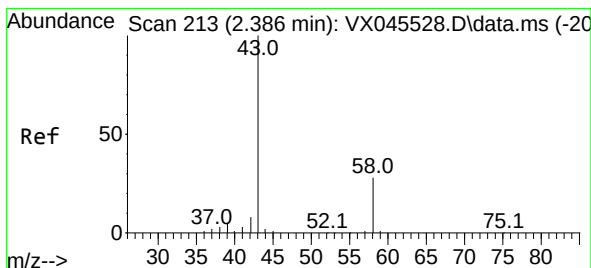
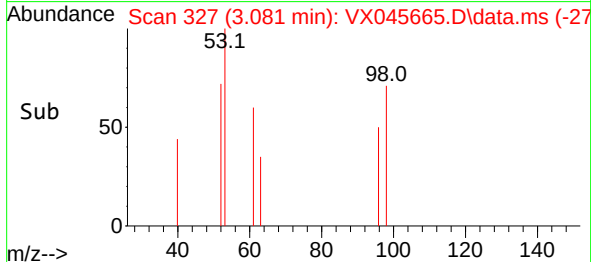
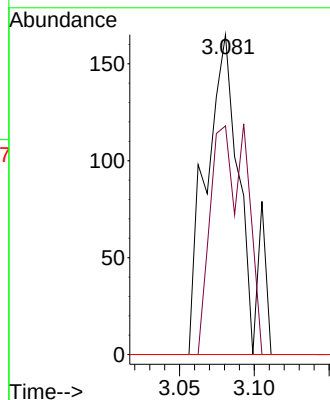
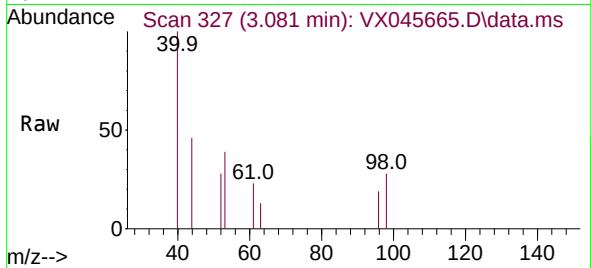




#15
Acrylonitrile
Concen: 0.522 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.018 min
Lab File: VX045665.D
Acq: 09 Apr 2025 11:03

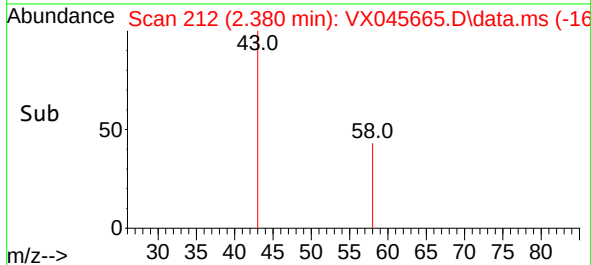
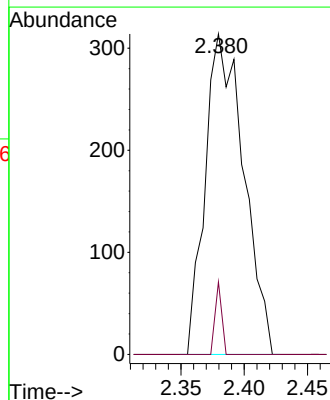
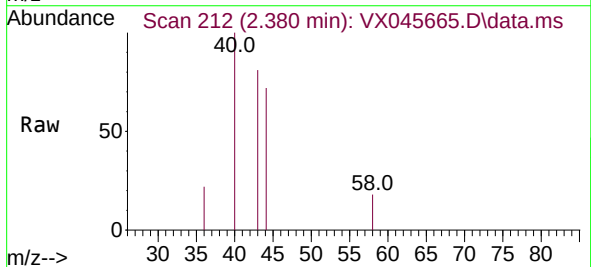
Instrument :
MSVOA_X
ClientSampleId :
VX0409MBL01

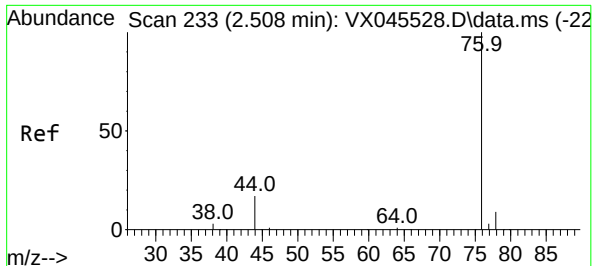
Tgt Ion: 53 Resp: 271
Ion Ratio Lower Upper
53 100
52 72.7 67.4 101.2
51 0.0 29.9 44.9#



#16
Acetone
Concen: 1.319 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045665.D
Acq: 09 Apr 2025 11:03

Tgt Ion: 43 Resp: 663
Ion Ratio Lower Upper
43 100
58 22.6 22.3 33.5

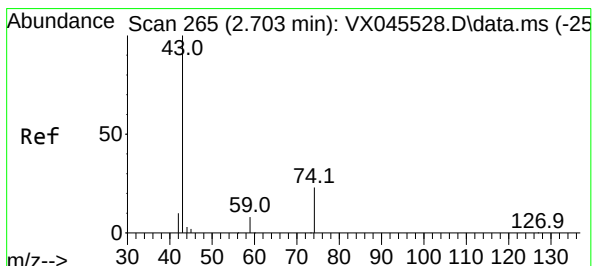
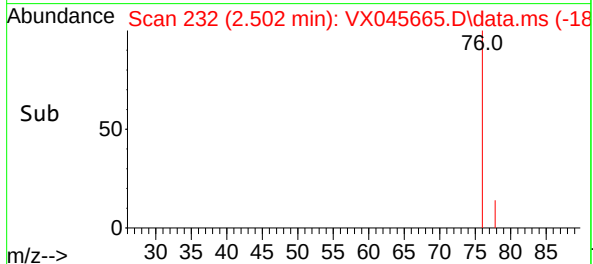
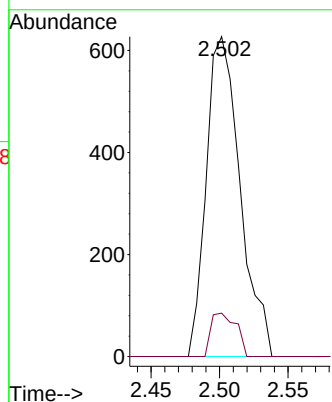
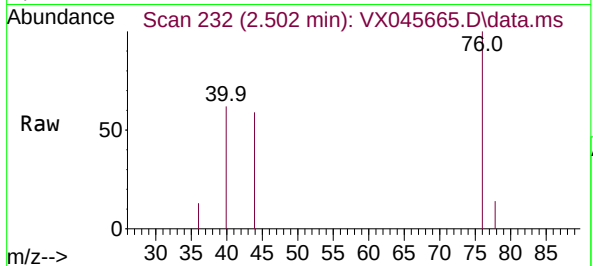




#17
Carbon Disulfide
Concen: 0.543 ug/l
RT: 2.502 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045665.D
Acq: 09 Apr 2025 11:03

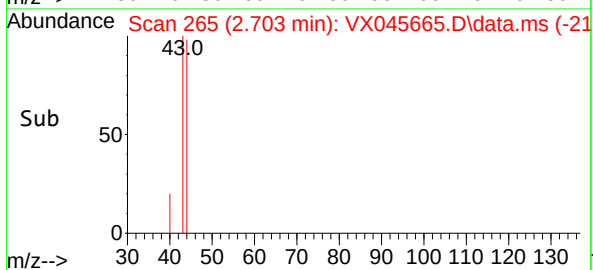
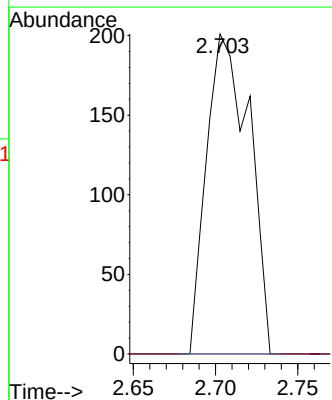
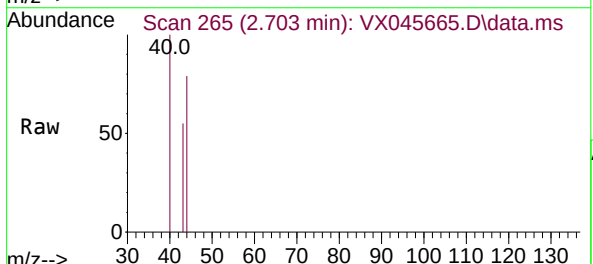
Instrument :
MSVOA_X
ClientSampleId :
VX0409MBL01

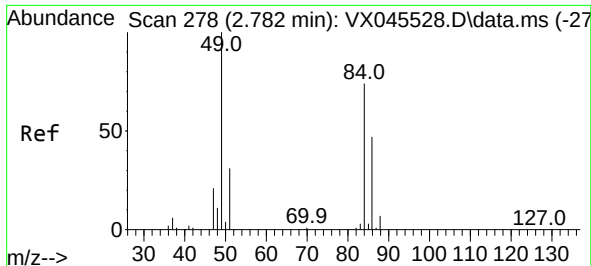
Tgt Ion: 76 Resp: 1078
Ion Ratio Lower Upper
76 100
78 13.6 7.0 10.6#



#18
Methyl Acetate
Concen: 0.314 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045665.D
Acq: 09 Apr 2025 11:03

Tgt Ion: 43 Resp: 363
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#





#20

Methylene Chloride

Concen: 0.335 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.012 min

Lab File: VX045665.D

Acq: 09 Apr 2025 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX0409MBL01

Tgt Ion: 84 Resp: 315

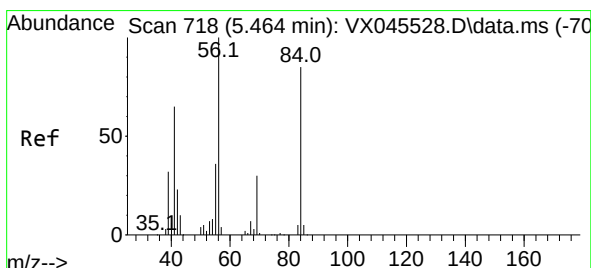
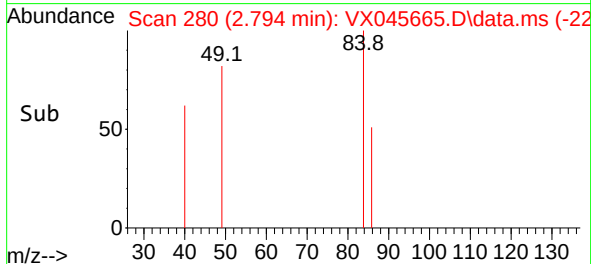
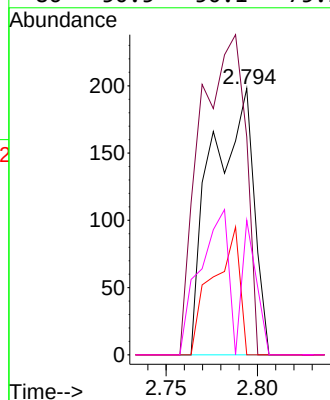
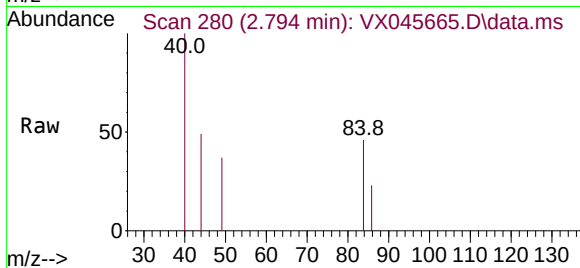
Ion Ratio Lower Upper

84 100

49 81.8 107.5 161.3#

51 0.0 33.0 49.6#

86 50.5 50.1 75.1



#31

Cyclohexane

Concen: 1.426 ug/l

RT: 5.538 min Scan# 730

Delta R.T. 0.073 min

Lab File: VX045665.D

Acq: 09 Apr 2025 11:03

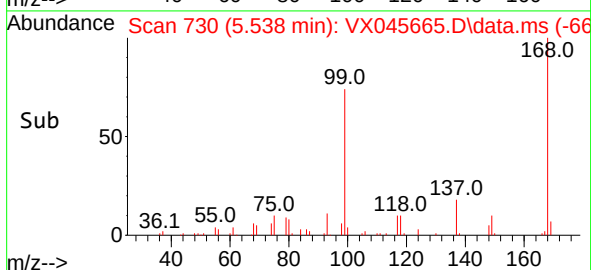
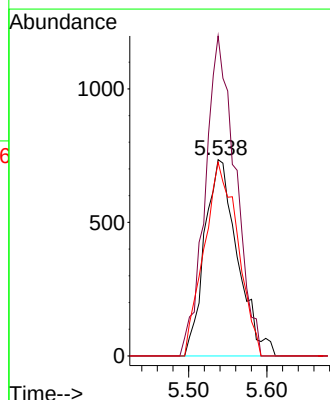
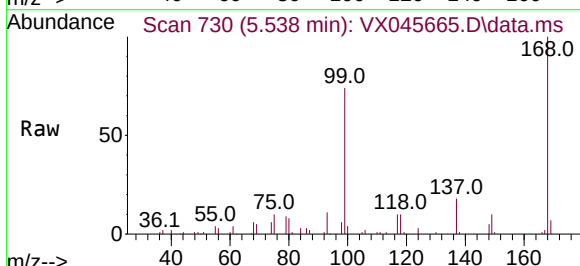
Tgt Ion: 56 Resp: 2141

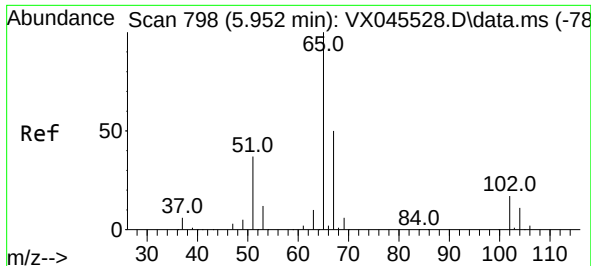
Ion Ratio Lower Upper

56 100

69 163.0 23.6 35.4#

84 98.6 67.7 101.5





#33

1,2-Dichloroethane-d4

Concen: 54.330 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045665.D

Acq: 09 Apr 2025 11:03

Instrument :

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ClientSampleId :

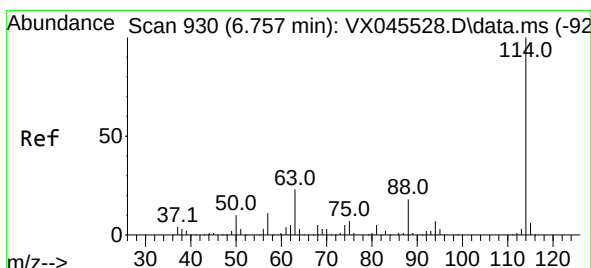
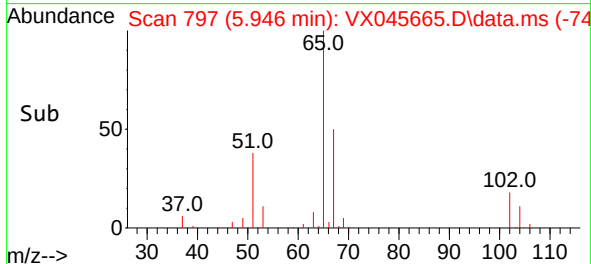
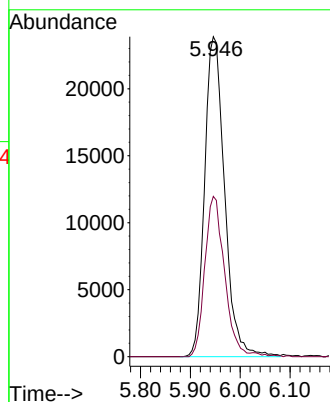
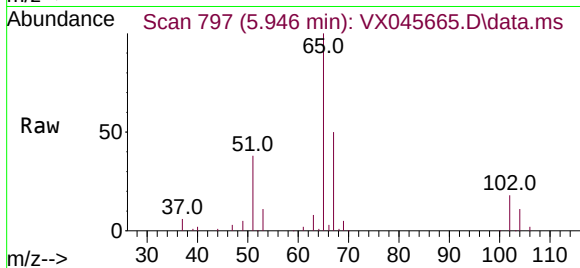
VX0409MBL01

Tgt Ion: 65 Resp: 66494

Ion Ratio Lower Upper

65 100

67 49.0 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX045665.D

Acq: 09 Apr 2025 11:03

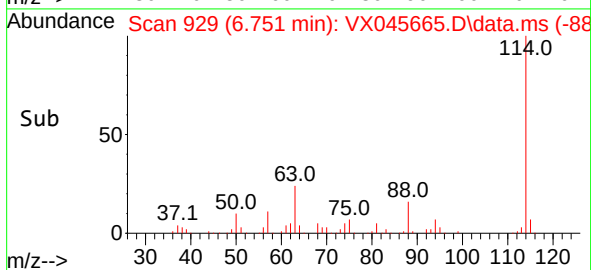
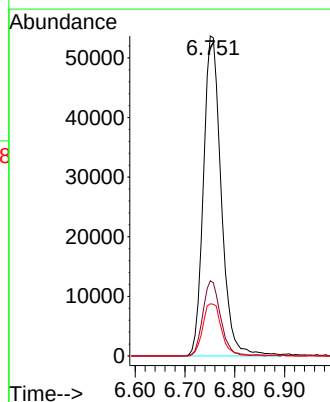
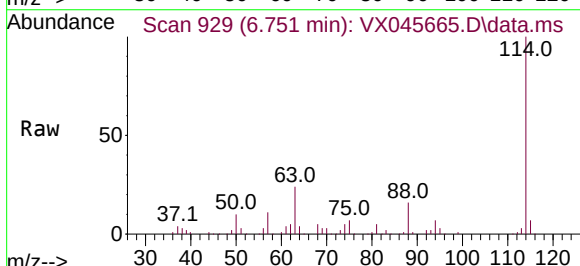
Tgt Ion: 114 Resp: 133158

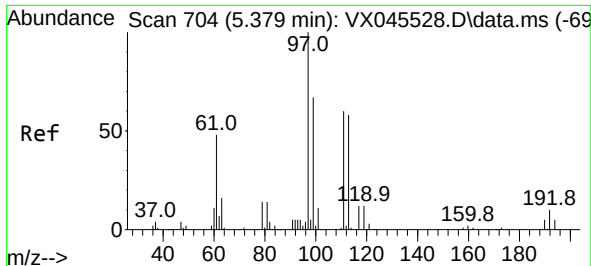
Ion Ratio Lower Upper

114 100

63 23.5 0.0 46.8

88 16.3 0.0 35.4

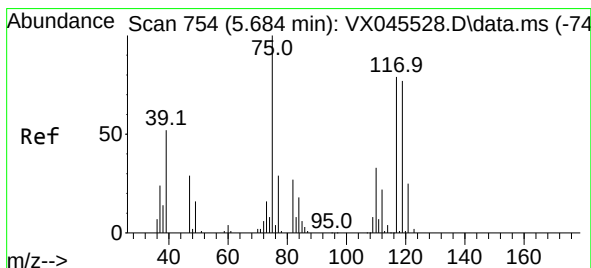
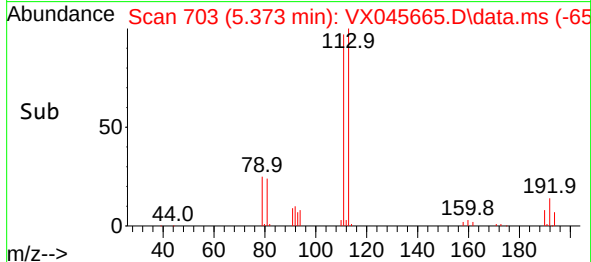
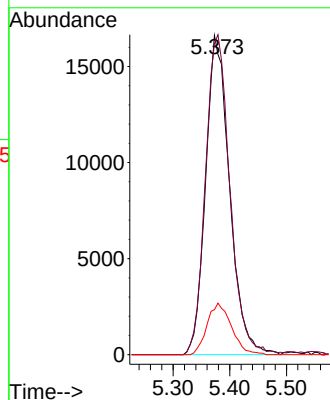
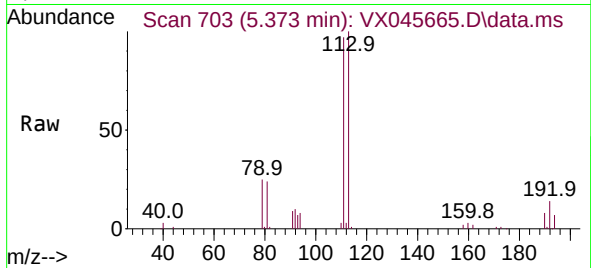




#35
Dibromofluoromethane
Concen: 51.547 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045665.D
Acq: 09 Apr 2025 11:03

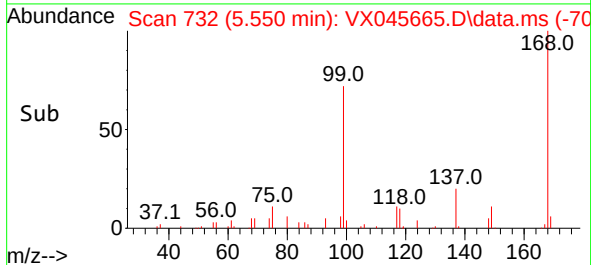
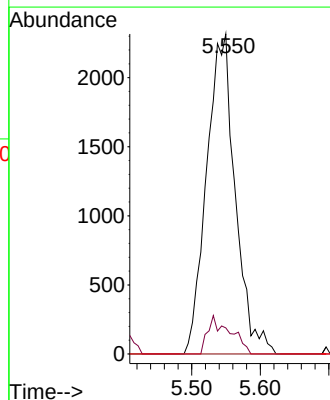
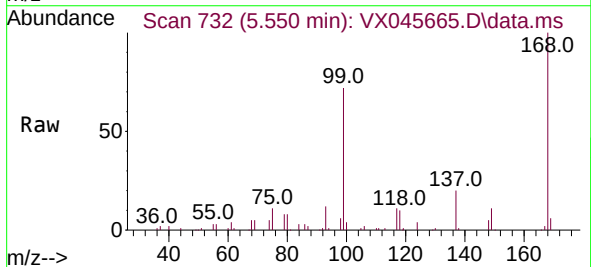
Instrument :
MSVOA_X
ClientSampleId :
VX0409MBL01

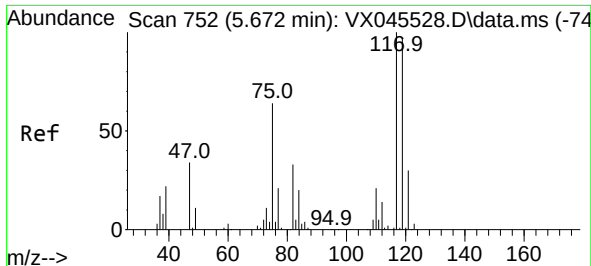
Tgt Ion:113 Resp: 48699
Ion Ratio Lower Upper
113 100
111 102.4 81.8 122.6
192 16.4 13.8 20.6



#36
1,1-Dichloropropene
Concen: 5.270 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX045665.D
Acq: 09 Apr 2025 11:03

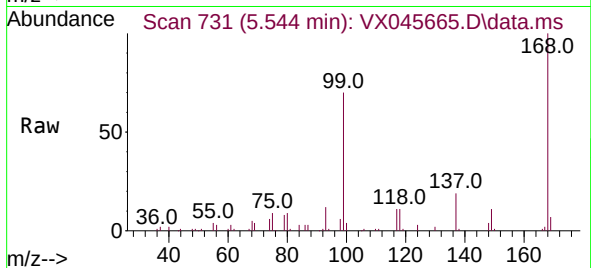
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Ion Ratio Lower Upper
75 100
110 9.4 16.9 50.6#
77 0.0 25.0 37.4#



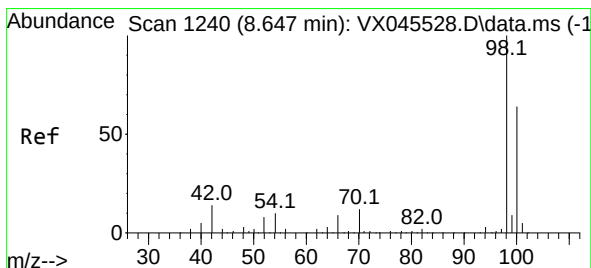
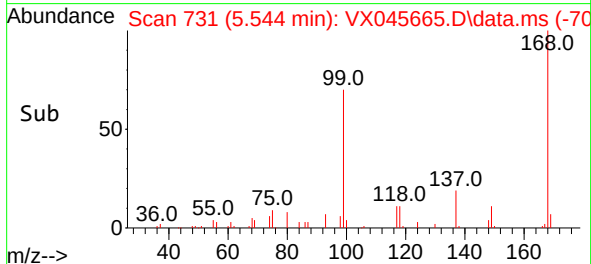
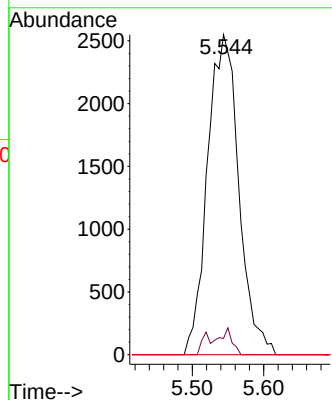


#38
Carbon Tetrachloride
Concen: 5.635 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX045665.D
Acq: 09 Apr 2025 11:03

Instrument :
MSVOA_X
ClientSampleId :
VX0409MBL01

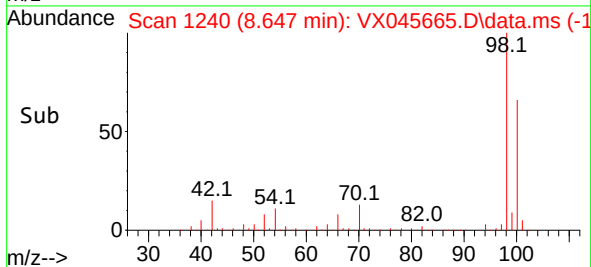
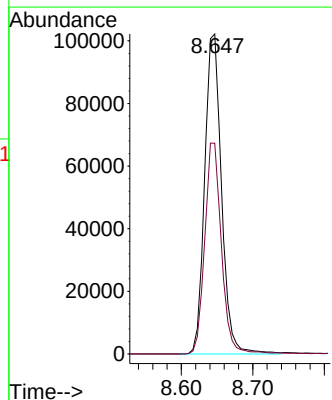
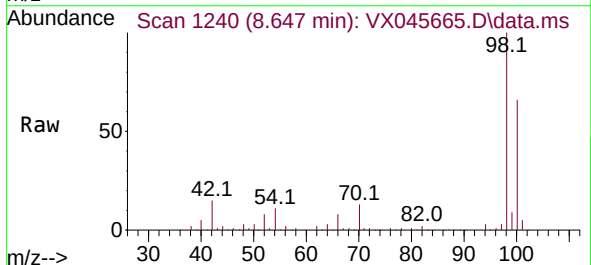


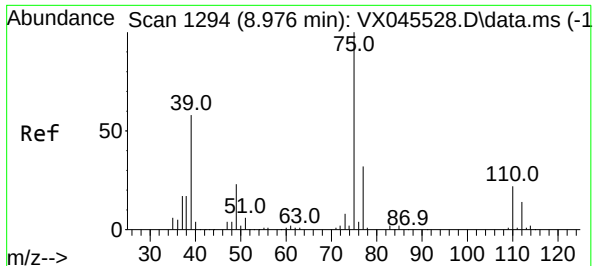
Tgt Ion:117 Resp: 7769
Ion Ratio Lower Upper
117 100
119 5.1 76.9 115.3#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.747 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045665.D
Acq: 09 Apr 2025 11:03

Tgt Ion: 98 Resp: 167343
Ion Ratio Lower Upper
98 100
100 65.7 52.2 78.4

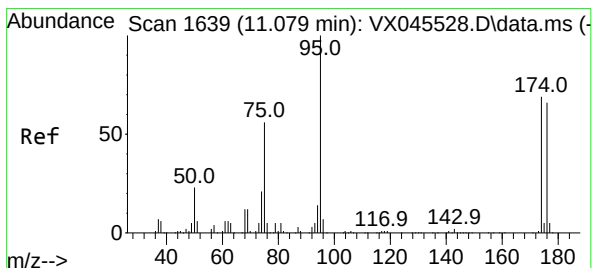
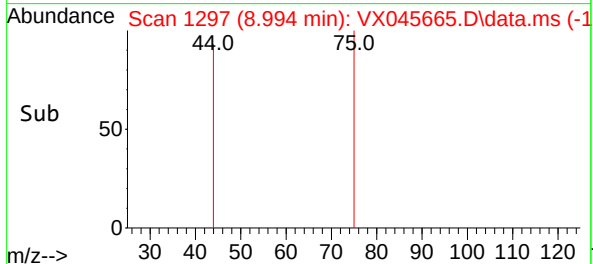
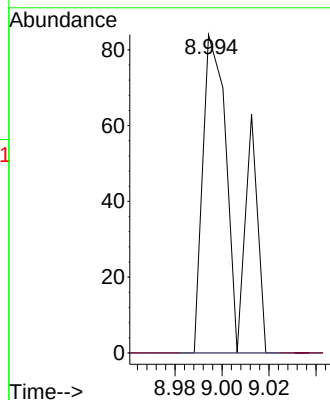
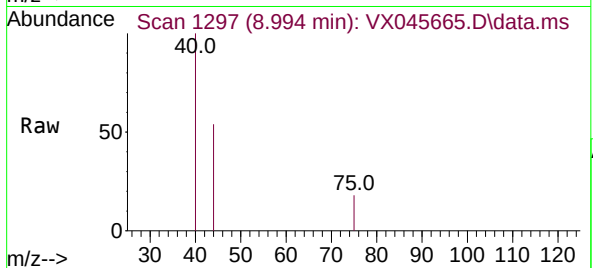




#53
 t-1,3-Dichloropropene
 Concen: 2.342 ug/l
 RT: 8.994 min Scan# 11
 Delta R.T. 0.018 min
 Lab File: VX045665.D
 Acq: 09 Apr 2025 11:03

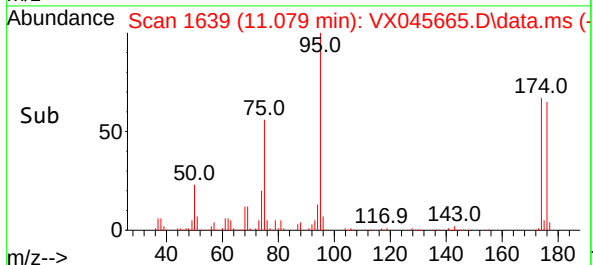
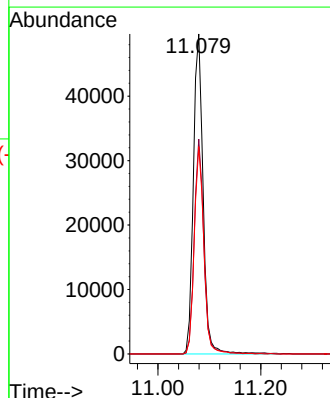
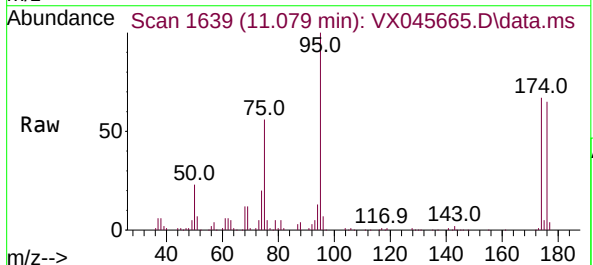
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409MBL01

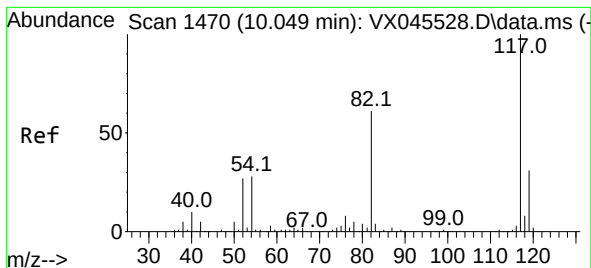
Tgt Ion: 75 Resp: 79
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.0#



#62
 4-Bromofluorobenzene
 Concen: 54.581 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VX045665.D
 Acq: 09 Apr 2025 11:03

Tgt Ion: 95 Resp: 65559
 Ion Ratio Lower Upper
 95 100
 174 65.4 0.0 135.8
 176 64.0 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: VX045665.D

Acq: 09 Apr 2025 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX0409MBL01

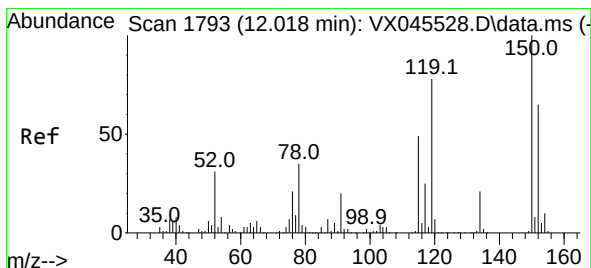
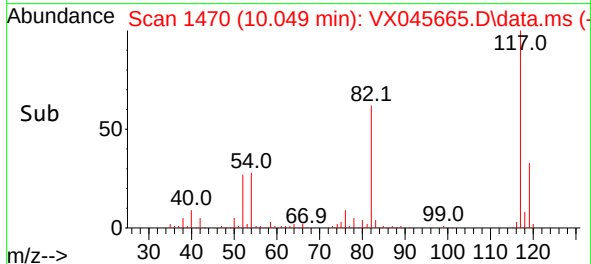
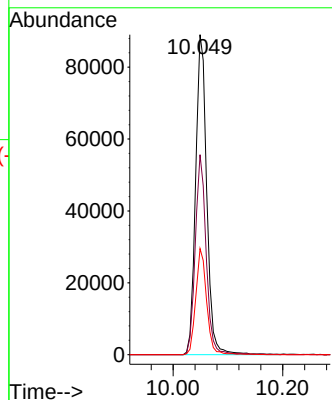
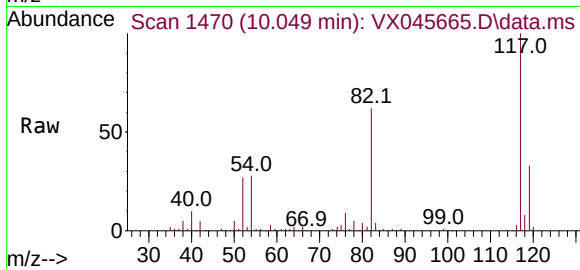
Tgt Ion:117 Resp: 126503

Ion Ratio Lower Upper

117 100

82 62.5 49.2 73.8

119 33.1 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: VX045665.D

Acq: 09 Apr 2025 11:03

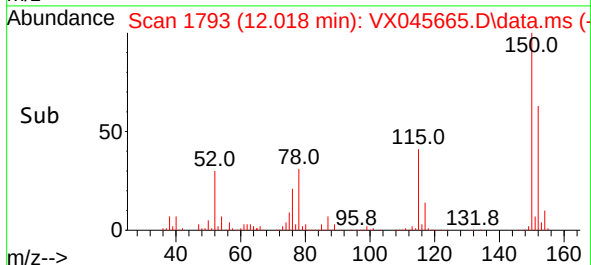
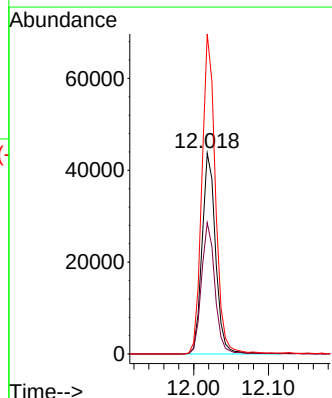
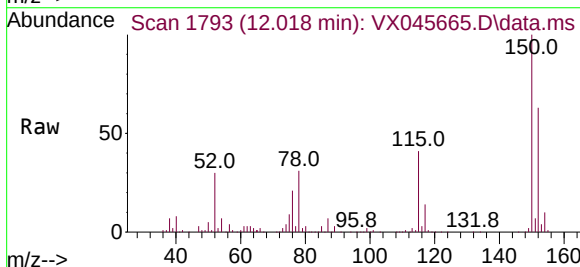
Tgt Ion:152 Resp: 54989

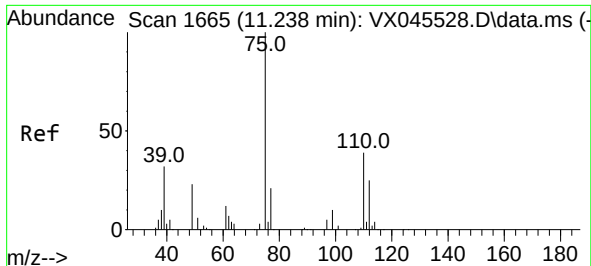
Ion Ratio Lower Upper

152 100

115 65.2 46.9 140.7

150 159.1 0.0 349.4

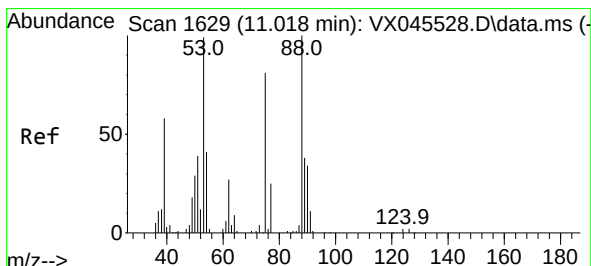
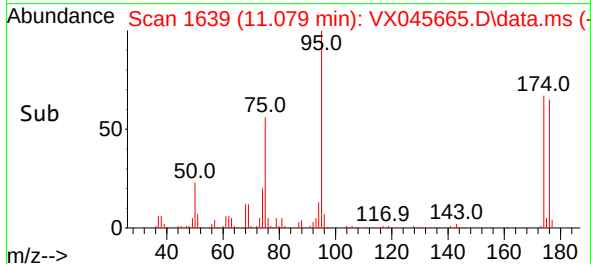
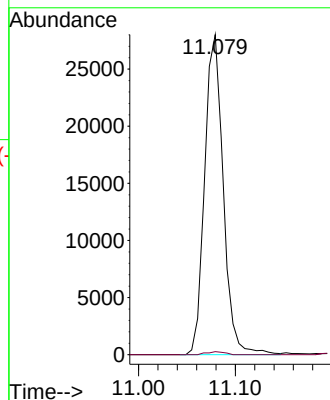
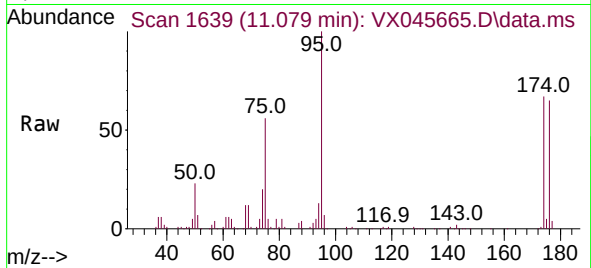




#76
1,2,3-Trichloropropane
Concen: 28.017 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045665.D
Acq: 09 Apr 2025 11:03

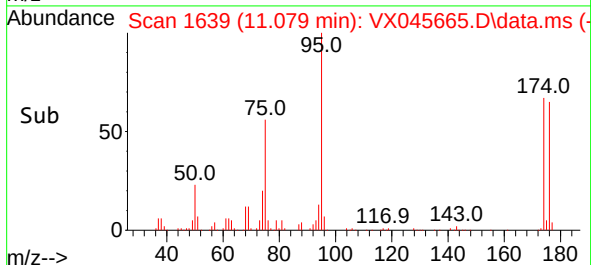
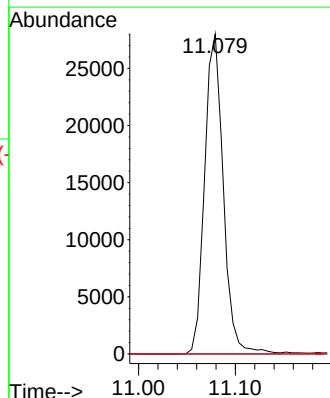
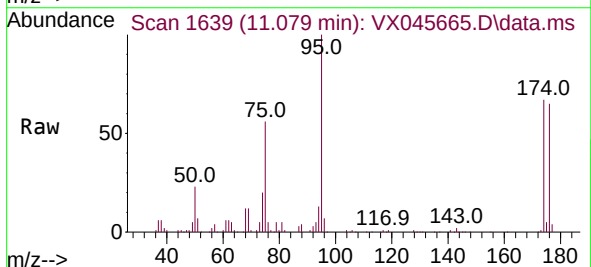
Instrument :
MSVOA_X
ClientSampleId :
VX0409MBL01

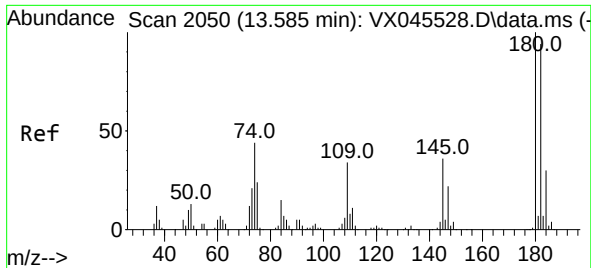
Tgt Ion: 75 Resp: 37580
Ion Ratio Lower Upper
75 100
77 0.9 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.087 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045665.D
Acq: 09 Apr 2025 11:03

Tgt Ion: 75 Resp: 37580
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 37.2 55.8#

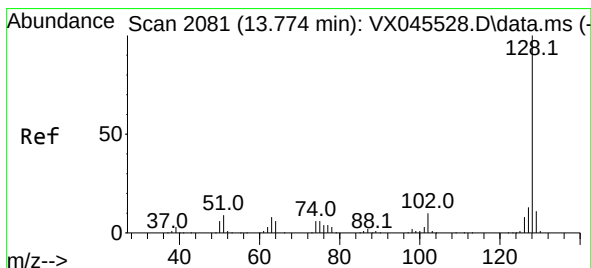
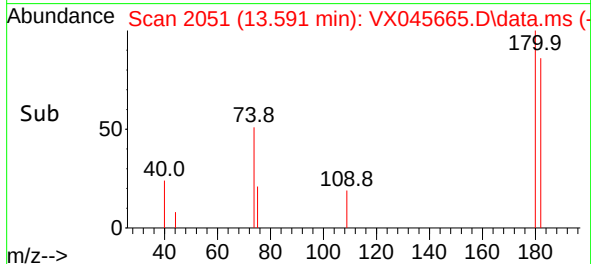
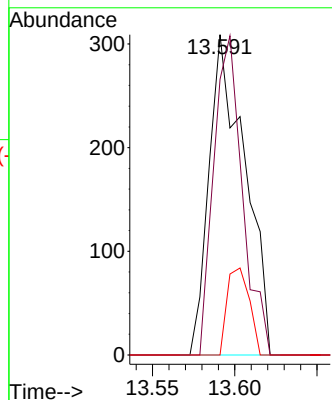
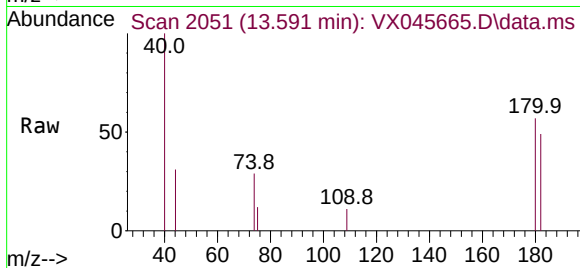




#93
1,2,4-Trichlorobenzene
Concen: 0.454 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX045665.D
Acq: 09 Apr 2025 11:03

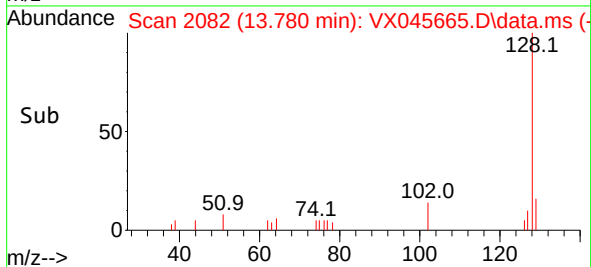
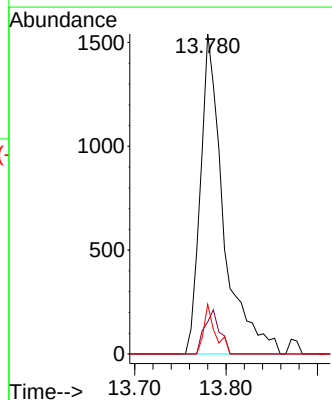
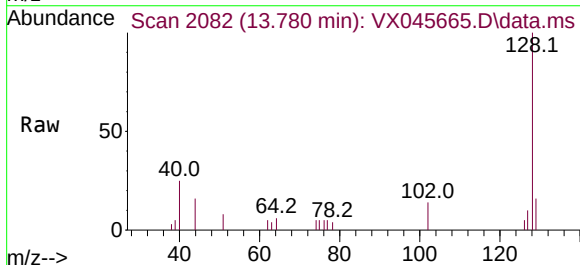
Instrument :
MSVOA_X
ClientSampleId :
VX0409MBL01

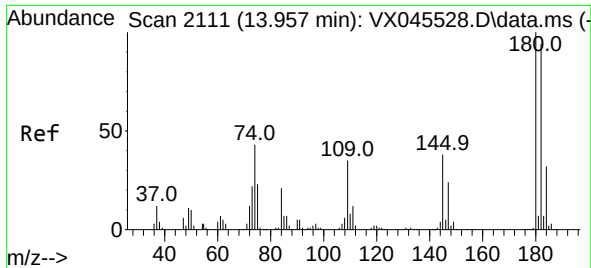
Tgt Ion:180 Resp: 465
Ion Ratio Lower Upper
180 100
182 80.2 47.9 143.6
145 16.8 17.9 53.8#



#95
Naphthalene
Concen: 0.709 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX045665.D
Acq: 09 Apr 2025 11:03

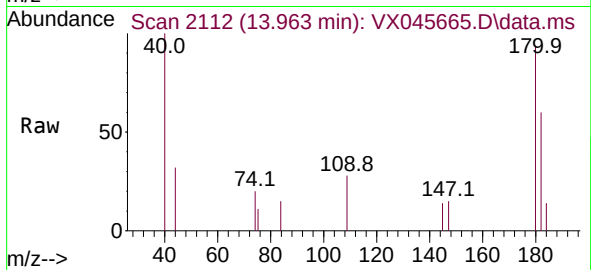
Tgt Ion:128 Resp: 2704
Ion Ratio Lower Upper
128 100
127 9.1 10.3 15.5#
129 7.7 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.567 ug/l
 RT: 13.963 min Scan# 2111
 Delta R.T. 0.006 min
 Lab File: VX045665.D
 Acq: 09 Apr 2025 11:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409MBL01



Tgt Ion:180 Resp: 609
 Ion Ratio Lower Upper
 180 100
 182 79.3 47.3 141.8
 145 14.8 18.2 54.6#

