

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021425\
 Data File : VX044949.D
 Acq On : 14 Feb 2025 10:28
 Operator : JC/MD
 Sample : VX0214MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0214MBL01

Quant Time: Feb 14 22:11:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

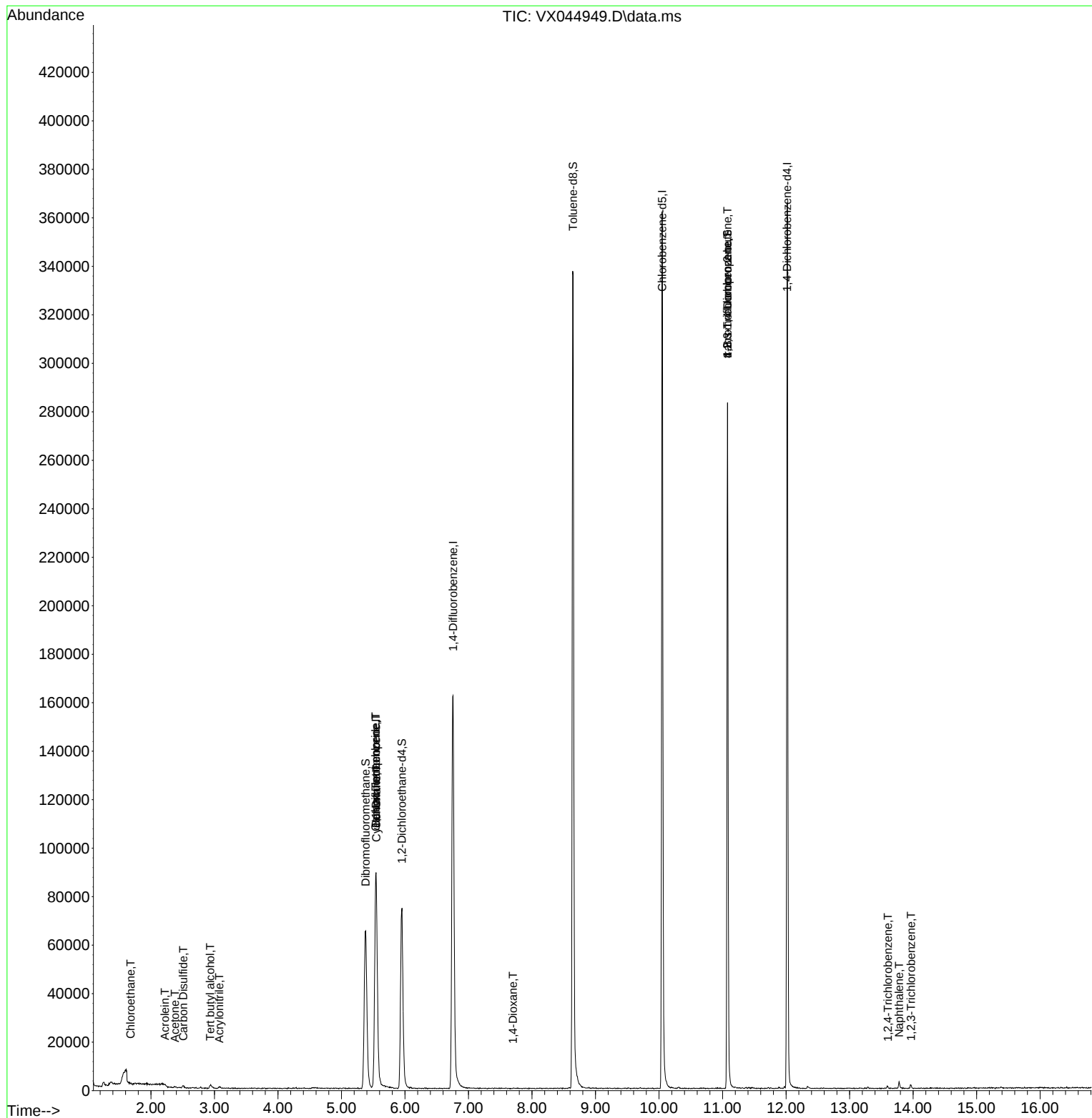
Internal Standards						
1) Pentafluorobenzene	5.544	168	88099	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	175397	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	159448	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	70090	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69697	54.045	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.100%			
35) Dibromofluoromethane	5.379	113	58678	51.455	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.920%			
50) Toluene-d8	8.647	98	214253	49.685	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.380%			
62) 4-Bromofluorobenzene	11.079	95	74967	51.568	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.140%			
Target Compounds						Qvalue
6) Chloroethane	1.678	64	188	1.608	ug/l #	42
11) Tert butyl alcohol	2.934	59	987	4.125	ug/l #	73
13) Acrolein	2.221	56	271	1.098	ug/l #	56
15) Acrylonitrile	3.074	53	381	0.596	ug/l #	61
16) Acetone	2.379	43	531	1.024	ug/l #	74
17) Carbon Disulfide	2.507	76	1284	0.412	ug/l #	76
31) Cyclohexane	5.550	56	2138	1.068	ug/l #	11
36) 1,1-Dichloropropene	5.544	75	7631	4.638	ug/l #	49
38) Carbon Tetrachloride	5.537	117	9054	5.616	ug/l #	15
49) 1,4-Dioxane	7.702	88	45	1.505	ug/l #	23
76) 1,2,3-Trichloropropane	11.079	75	39836	25.635	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	39836	65.942	ug/l #	11
93) 1,2,4-Trichlorobenzene	13.603	180	399	0.285	ug/l	88
95) Naphthalene	13.780	128	2475	0.489	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.969	180	497	0.352	ug/l	85

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

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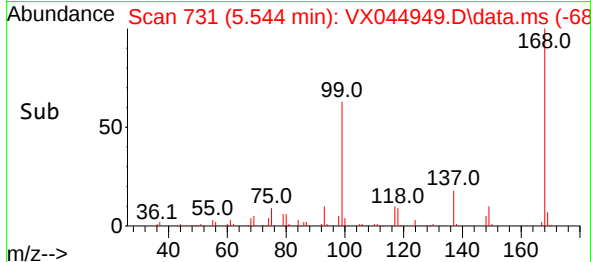
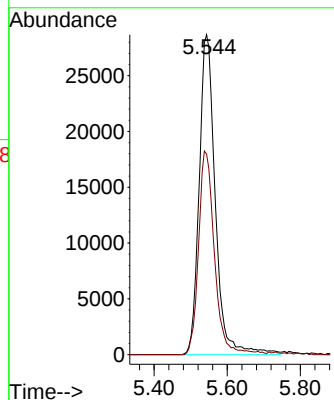
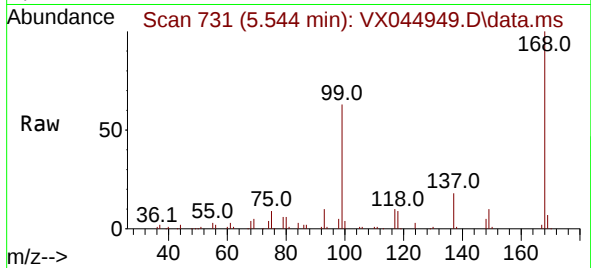




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044949.D
Acq: 14 Feb 2025 10:28

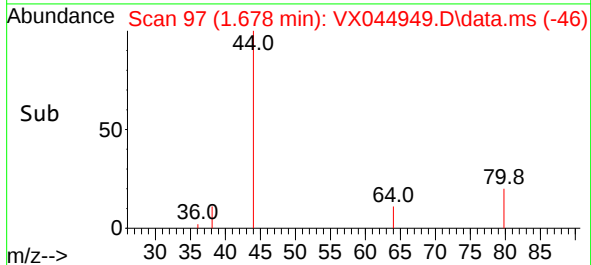
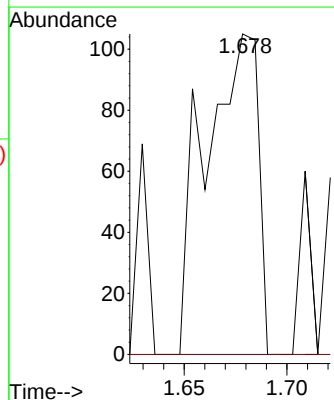
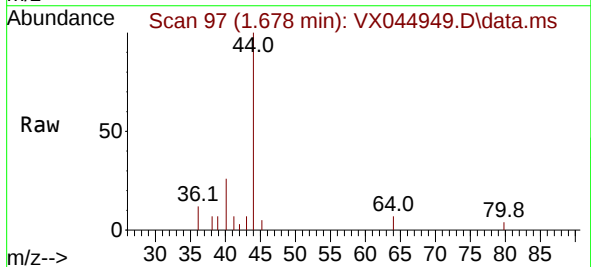
Instrument :
MSVOA_X
ClientSampleId :
VX0214MBL01

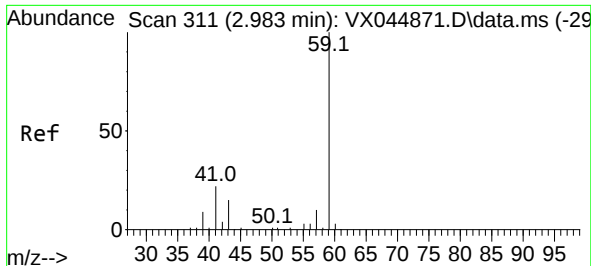
Tgt Ion:168 Resp: 88099
Ion Ratio Lower Upper
168 100
99 62.7 51.2 76.8



#6
Chloroethane
Concen: 1.608 ug/l
RT: 1.678 min Scan# 97
Delta R.T. 0.012 min
Lab File: VX044949.D
Acq: 14 Feb 2025 10:28

Tgt Ion: 64 Resp: 188
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#

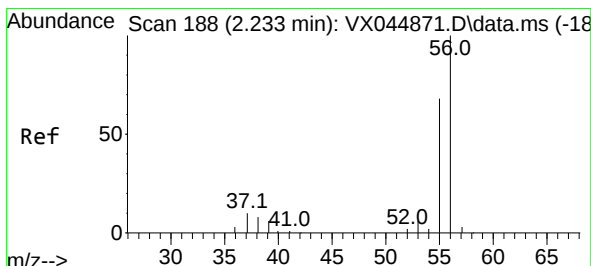
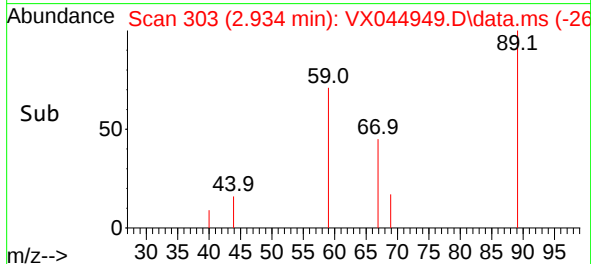
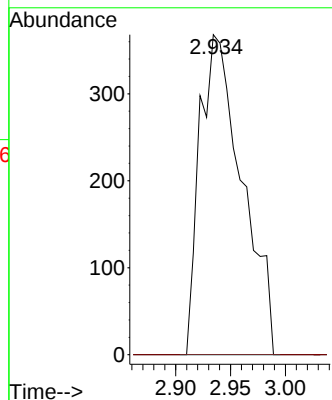
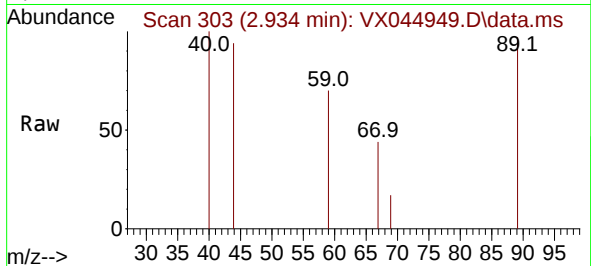




#11
Tert butyl alcohol
Concen: 4.125 ug/l
RT: 2.934 min Scan# 30
Delta R.T. -0.049 min
Lab File: VX044949.D
Acq: 14 Feb 2025 10:28

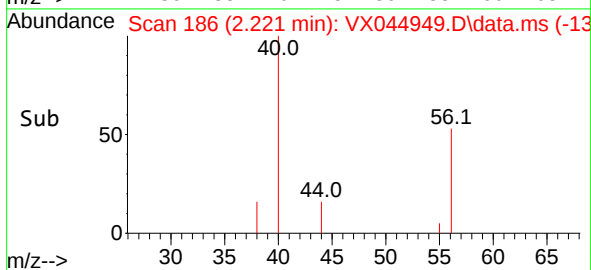
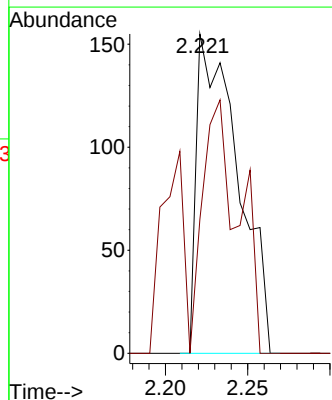
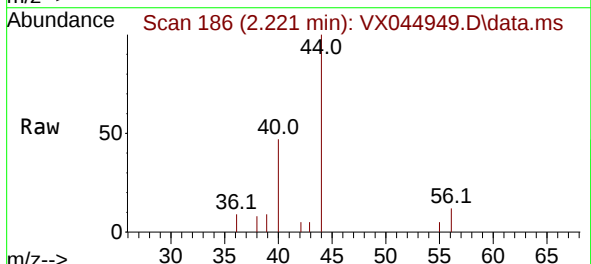
Instrument :
MSVOA_X
ClientSampleId :
VX0214MBL01

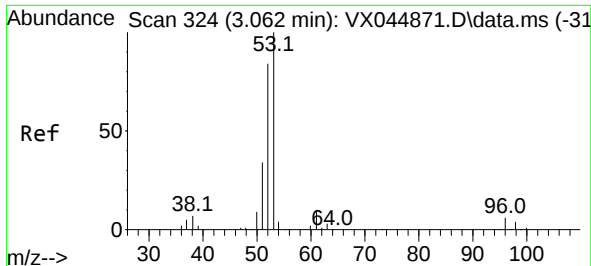
Tgt Ion: 59 Resp: 987
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#13
Acrolein
Concen: 1.098 ug/l
RT: 2.221 min Scan# 186
Delta R.T. -0.012 min
Lab File: VX044949.D
Acq: 14 Feb 2025 10:28

Tgt Ion: 56 Resp: 271
Ion Ratio Lower Upper
56 100
55 33.2 55.7 83.5#





#15

Acrylonitrile

Concen: 0.596 ug/l

RT: 3.074 min Scan# 31

Delta R.T. 0.012 min

Lab File: VX044949.D

Acq: 14 Feb 2025 10:28

Instrument :

MSVOA_X

ClientSampleId :

VX0214MBL01

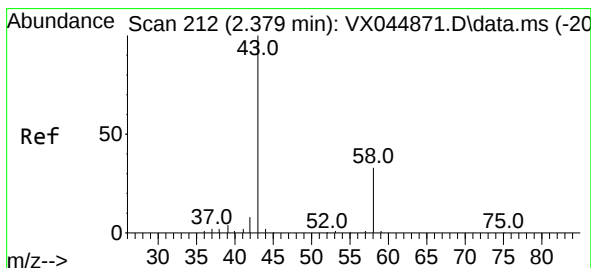
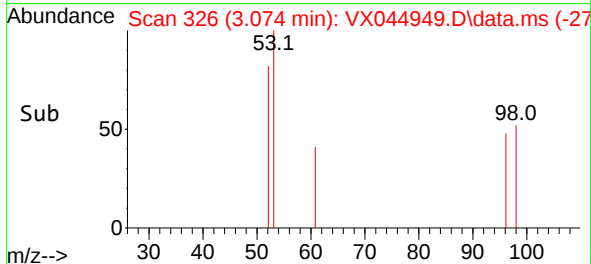
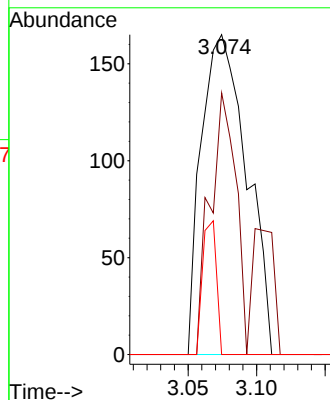
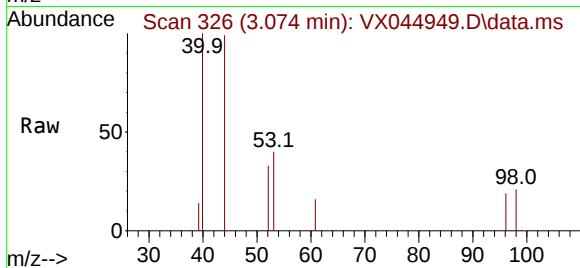
Tgt Ion: 53 Resp: 381

Ion Ratio Lower Upper

53 100

52 46.5 65.0 97.6#

51 12.9 28.0 42.0#



#16

Acetone

Concen: 1.024 ug/l

RT: 2.379 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX044949.D

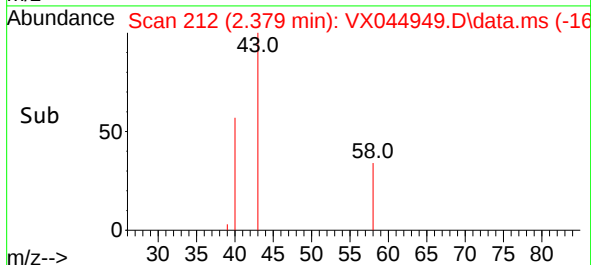
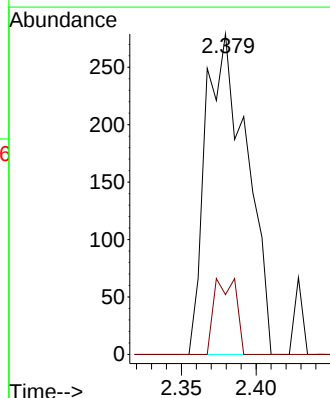
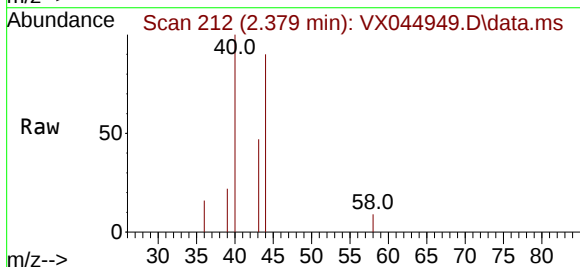
Acq: 14 Feb 2025 10:28

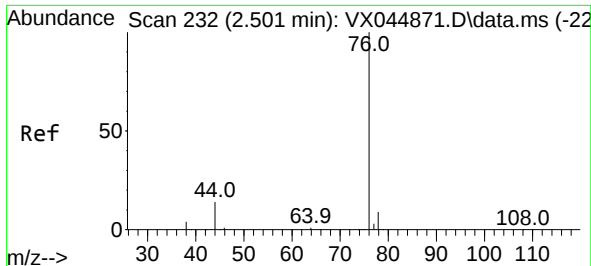
Tgt Ion: 43 Resp: 531

Ion Ratio Lower Upper

43 100

58 18.6 26.5 39.7#

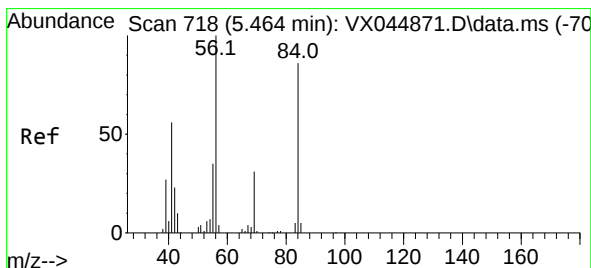
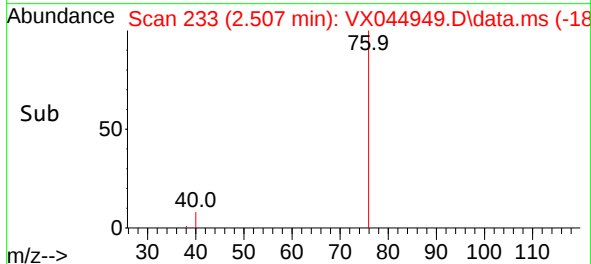
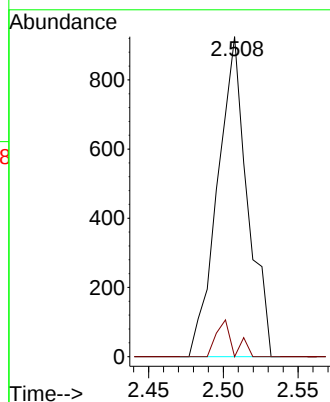
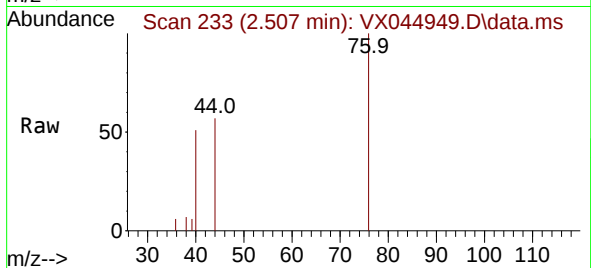




#17
Carbon Disulfide
Concen: 0.412 ug/l
RT: 2.507 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX044949.D
Acq: 14 Feb 2025 10:28

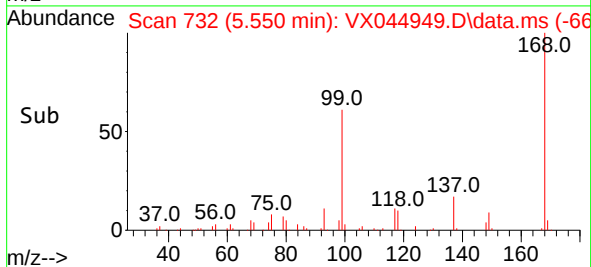
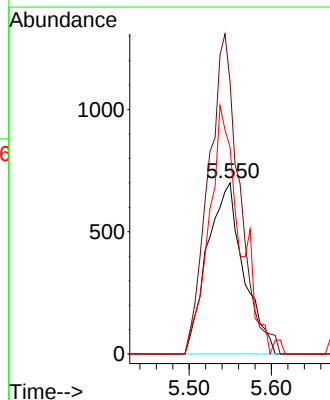
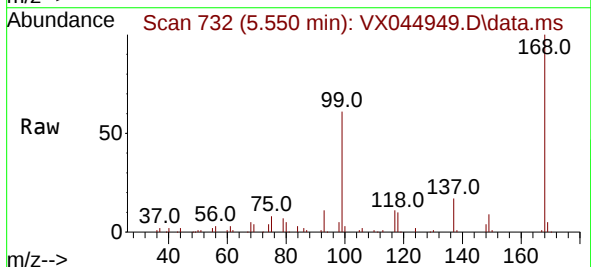
Instrument :
MSVOA_X
ClientSampleId :
VX0214MBL01

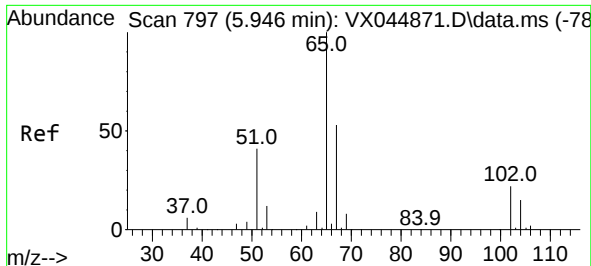
Tgt Ion: 76 Resp: 1284
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#



#31
Cyclohexane
Concen: 1.068 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.086 min
Lab File: VX044949.D
Acq: 14 Feb 2025 10:28

Tgt Ion: 56 Resp: 2138
Ion Ratio Lower Upper
56 100
69 158.6 24.4 36.6#
84 120.6 69.0 103.6#





#33

1,2-Dichloroethane-d4

Concen: 54.045 ug/l

RT: 5.952 min Scan# 79

Delta R.T. 0.006 min

Lab File: VX044949.D

Acq: 14 Feb 2025 10:28

Instrument :

MSVOA_X

ClientSampleId :

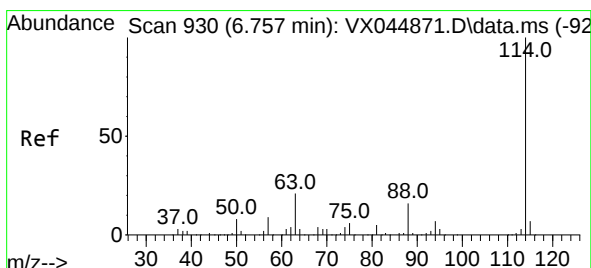
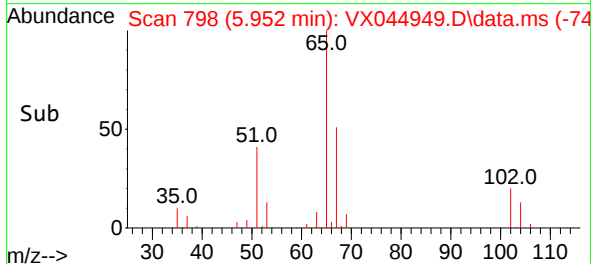
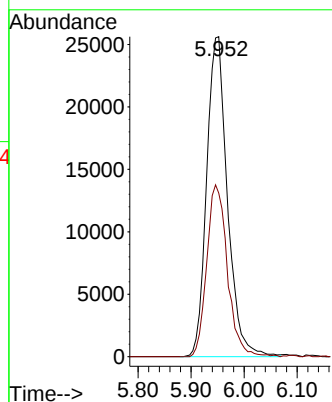
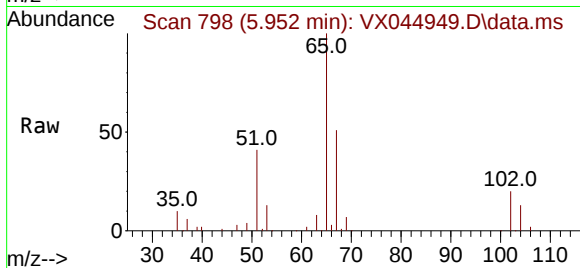
VX0214MBL01

Tgt Ion: 65 Resp: 69697

Ion Ratio Lower Upper

65 100

67 53.4 0.0 108.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX044949.D

Acq: 14 Feb 2025 10:28

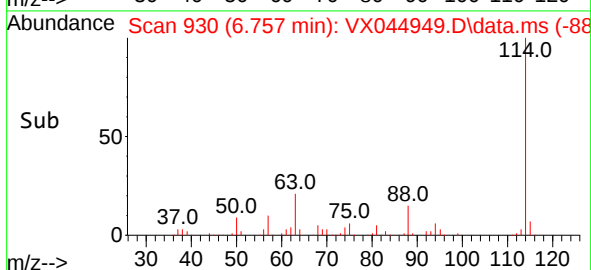
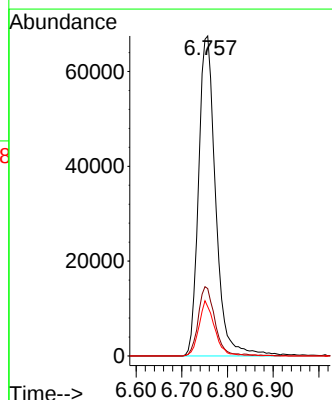
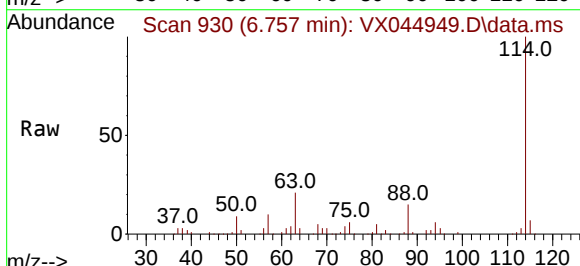
Tgt Ion: 114 Resp: 175397

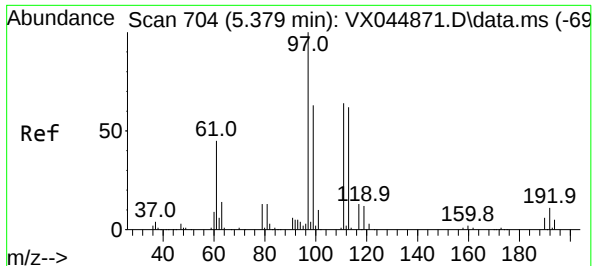
Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.4

88 15.4 0.0 31.4

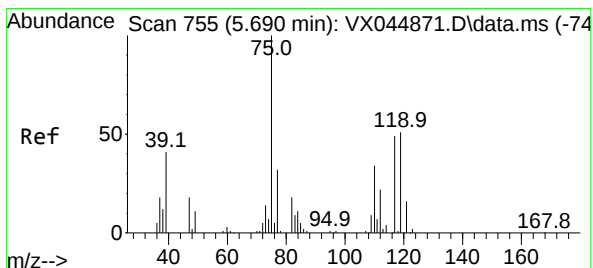
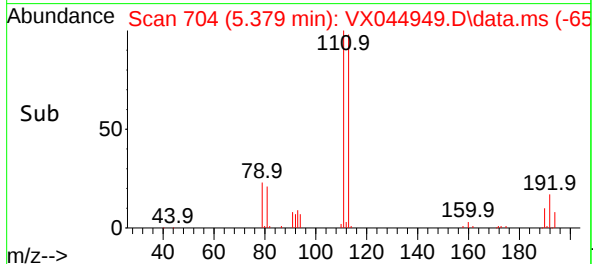
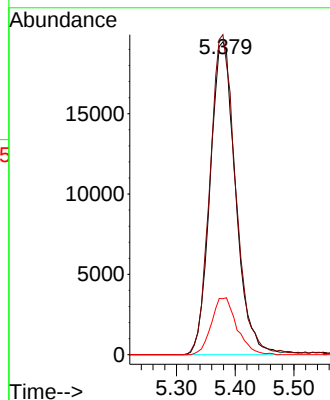
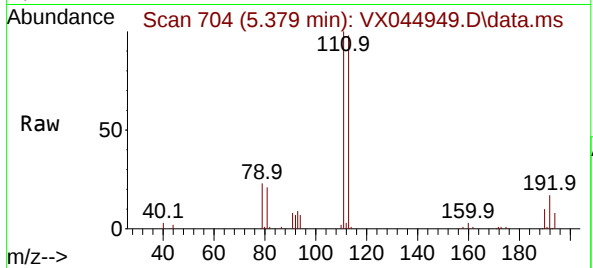




#35
Dibromofluoromethane
Concen: 51.455 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044949.D
Acq: 14 Feb 2025 10:28

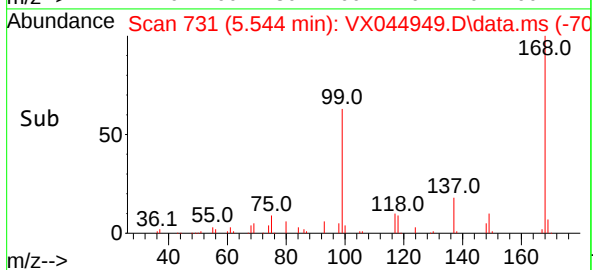
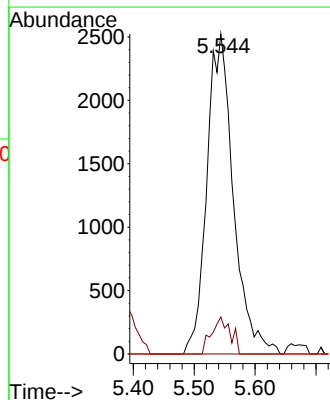
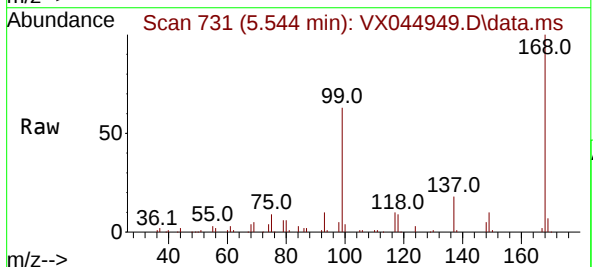
Instrument :
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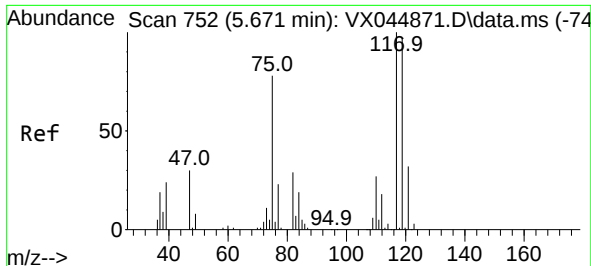
Tgt Ion:113 Resp: 58678
Ion Ratio Lower Upper
113 100
111 103.2 83.5 125.3
192 18.1 14.4 21.6



#36
1,1-Dichloropropene
Concen: 4.638 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX044949.D
Acq: 14 Feb 2025 10:28

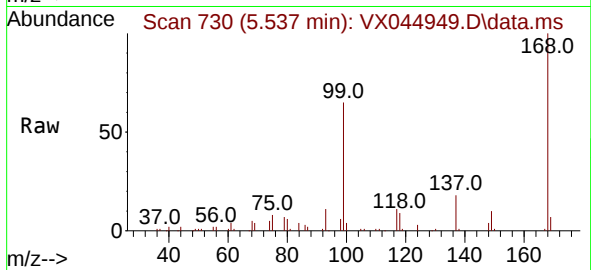
Tgt Ion: 75 Resp: 7631
Ion Ratio Lower Upper
75 100
110 8.2 17.2 51.6#
77 0.0 24.6 37.0#



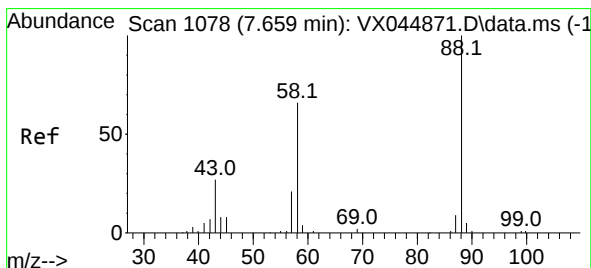
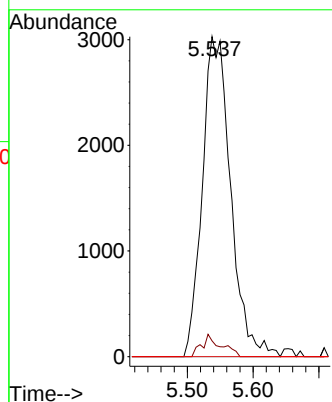
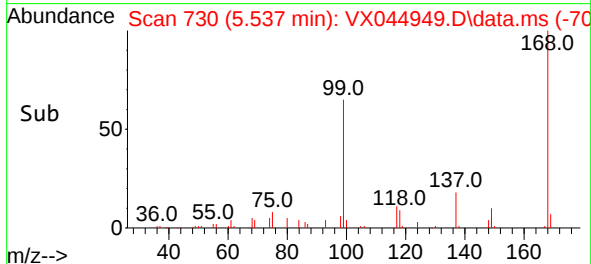


#38
Carbon Tetrachloride
Concen: 5.616 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX044949.D
Acq: 14 Feb 2025 10:28

Instrument :
MSVOA_X
ClientSampleId :
VX0214MBL01

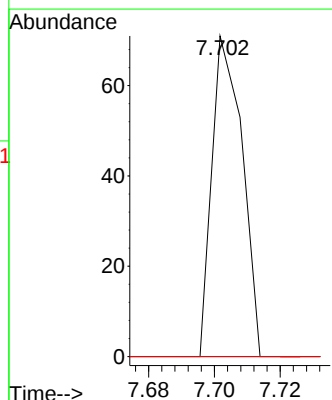
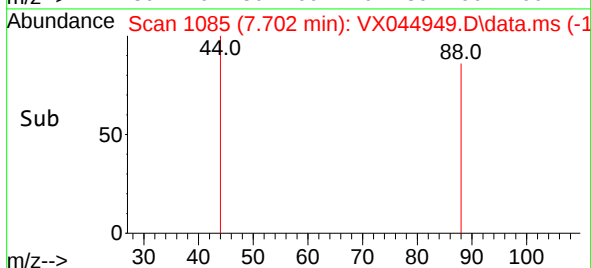
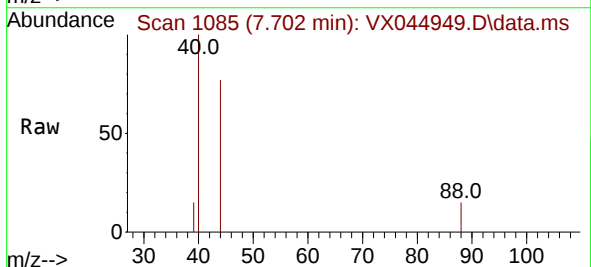


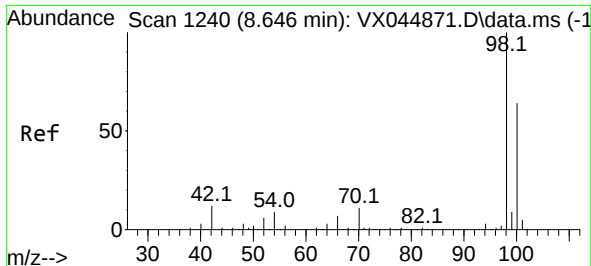
Tgt Ion:117 Resp: 9054
Ion Ratio Lower Upper
117 100
119 5.0 77.5 116.3#
121 0.0 25.6 38.4#



#49
1,4-Dioxane
Concen: 1.505 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.043 min
Lab File: VX044949.D
Acq: 14 Feb 2025 10:28

Tgt Ion: 88 Resp: 45
Ion Ratio Lower Upper
88 100
43 0.0 26.6 39.8#
58 0.0 55.9 83.9#

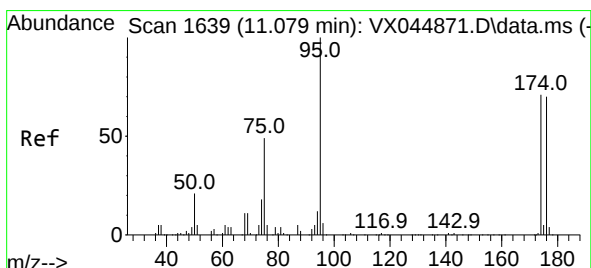
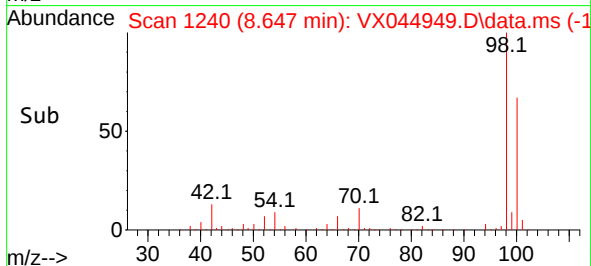
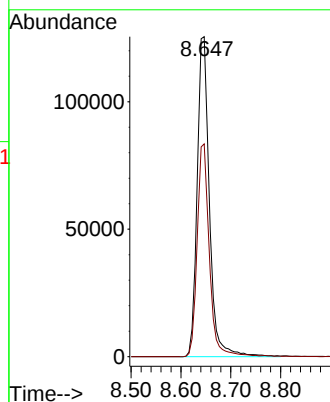
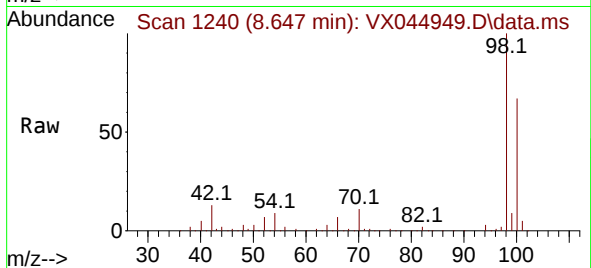




#50
Toluene-d8
Concen: 49.685 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044949.D
Acq: 14 Feb 2025 10:28

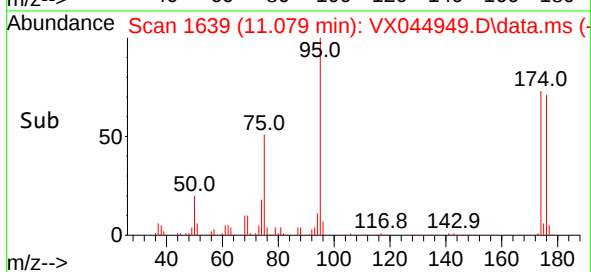
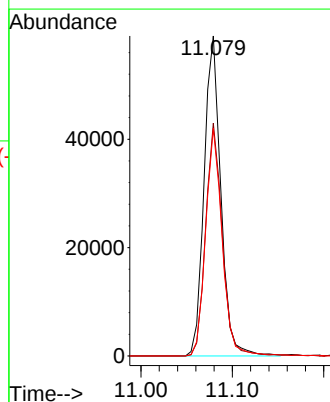
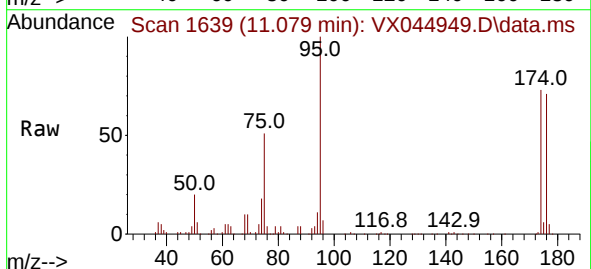
Instrument :
MSVOA_X
ClientSampleId :
VX0214MBL01

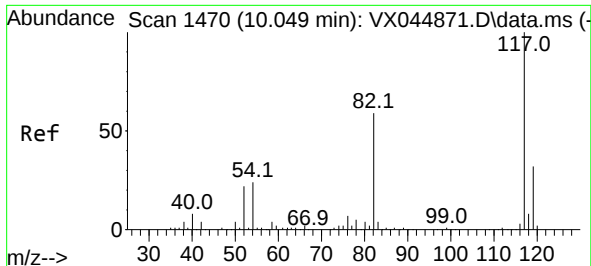
Tgt Ion: 98 Resp: 214253
Ion Ratio Lower Upper
98 100
100 66.2 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 51.568 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044949.D
Acq: 14 Feb 2025 10:28

Tgt Ion: 95 Resp: 74967
Ion Ratio Lower Upper
95 100
174 72.6 0.0 142.6
176 70.7 0.0 141.6

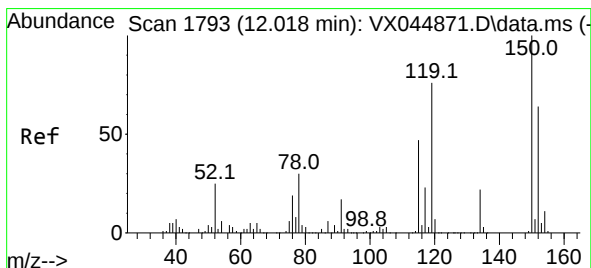
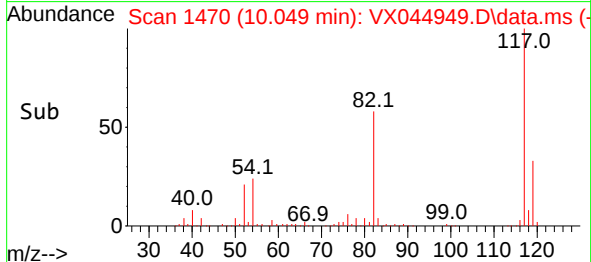
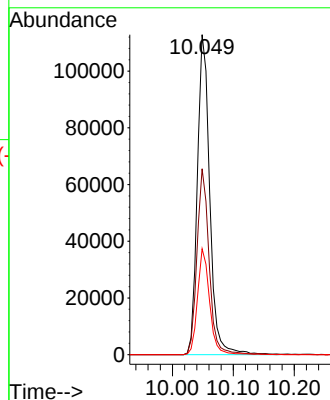
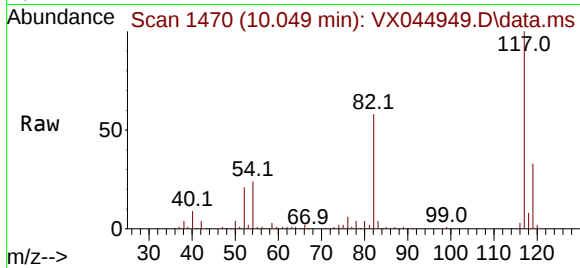




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044949.D
Acq: 14 Feb 2025 10:28

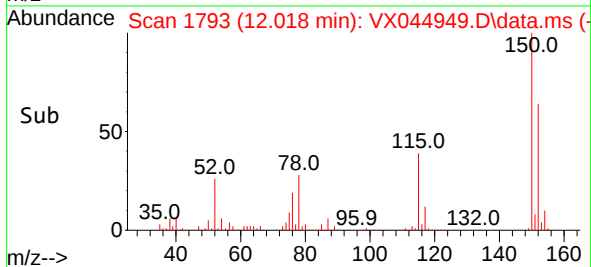
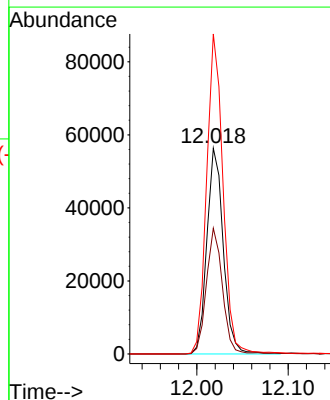
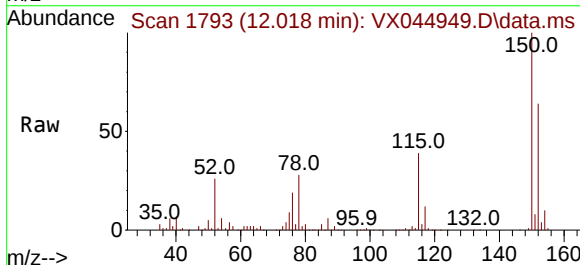
Instrument :
MSVOA_X
ClientSampleId :
VX0214MBL01

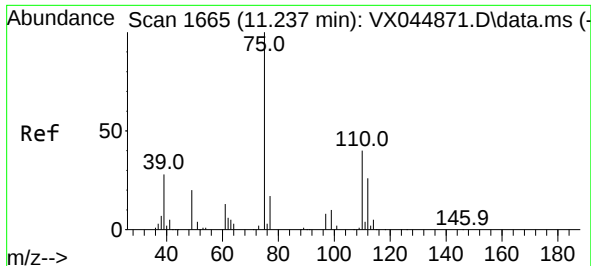
Tgt Ion:117 Resp: 159448
Ion Ratio Lower Upper
117 100
82 58.1 47.5 71.3
119 33.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044949.D
Acq: 14 Feb 2025 10:28

Tgt Ion:152 Resp: 70090
Ion Ratio Lower Upper
152 100
115 60.3 43.4 130.1
150 155.7 0.0 350.4

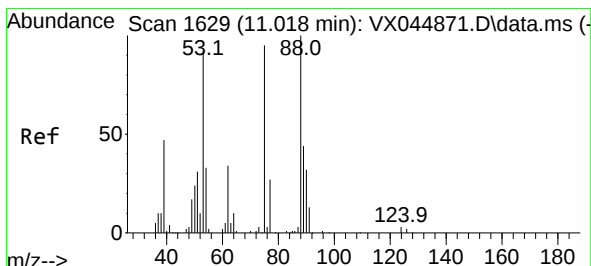
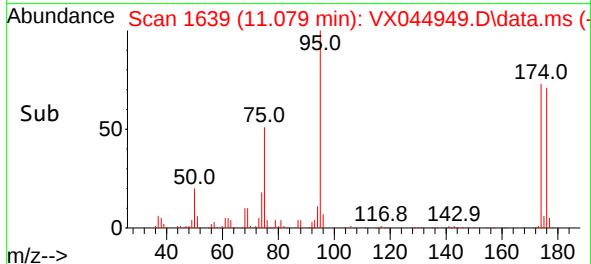
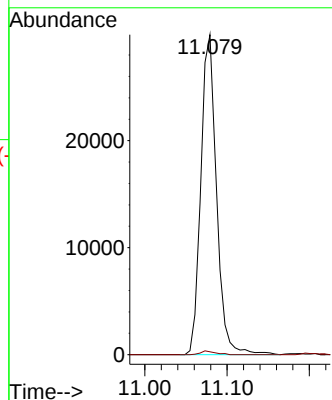
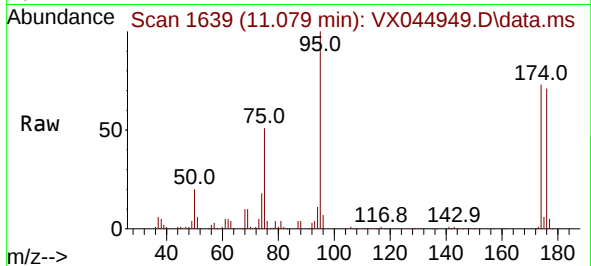




#76
1,2,3-Trichloropropane
Concen: 25.635 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX044949.D
Acq: 14 Feb 2025 10:28

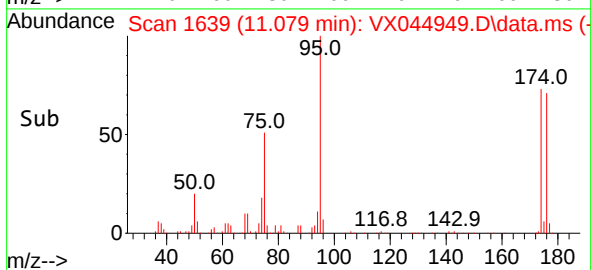
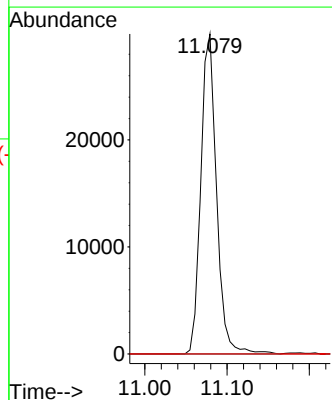
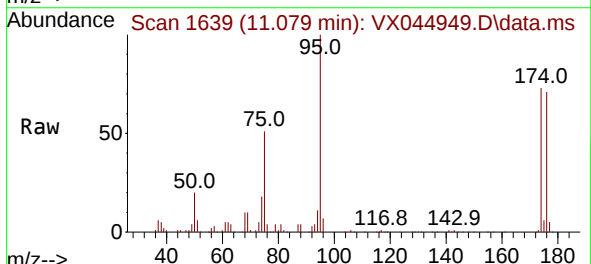
Instrument :
MSVOA_X
ClientSampleId :
VX0214MBL01

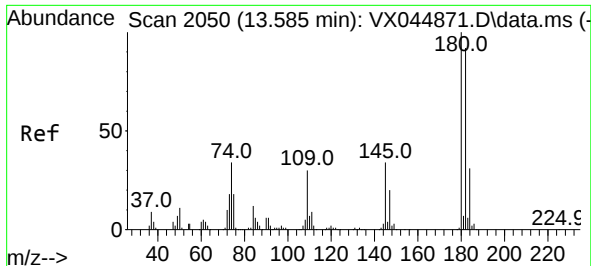
Tgt Ion: 75 Resp: 39836
Ion Ratio Lower Upper
75 100
77 1.1 21.9 65.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.942 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044949.D
Acq: 14 Feb 2025 10:28

Tgt Ion: 75 Resp: 39836
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 36.6 54.8#

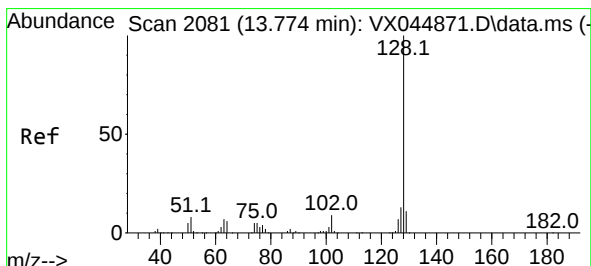
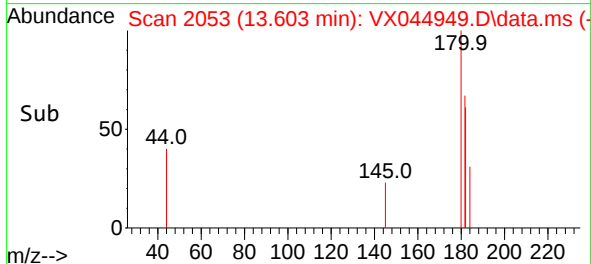
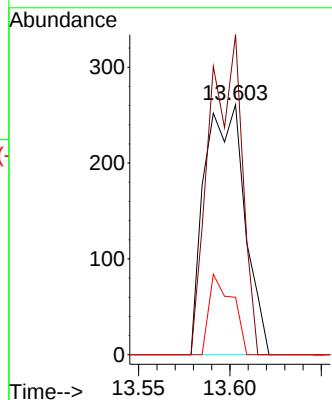
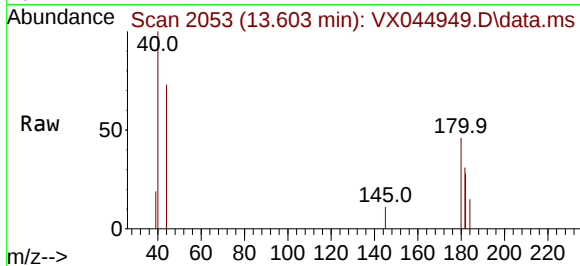




#93
1,2,4-Trichlorobenzene
Concen: 0.285 ug/l
RT: 13.603 min Scan# 2053
Delta R.T. 0.018 min
Lab File: VX044949.D
Acq: 14 Feb 2025 10:28

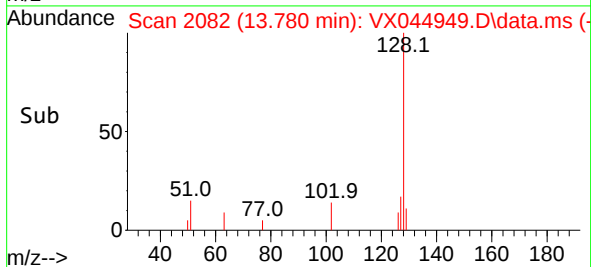
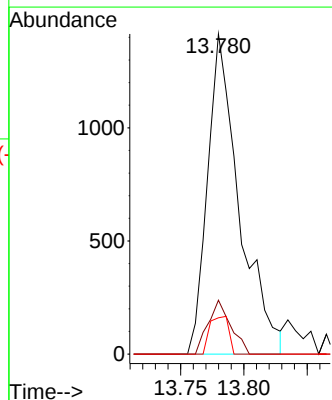
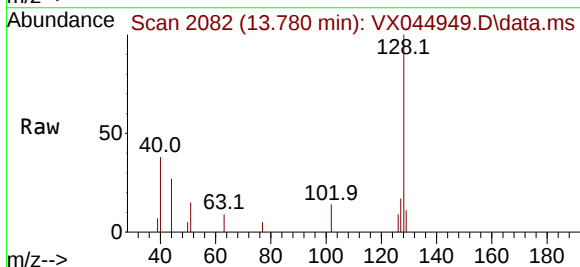
Instrument :
MSVOA_X
ClientSampleId :
VX0214MBL01

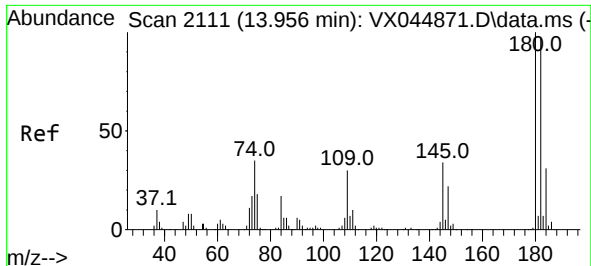
Tgt Ion:180 Resp: 399
Ion Ratio Lower Upper
180 100
182 103.0 47.6 142.8
145 18.8 16.4 49.1



#95
Naphthalene
Concen: 0.489 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX044949.D
Acq: 14 Feb 2025 10:28

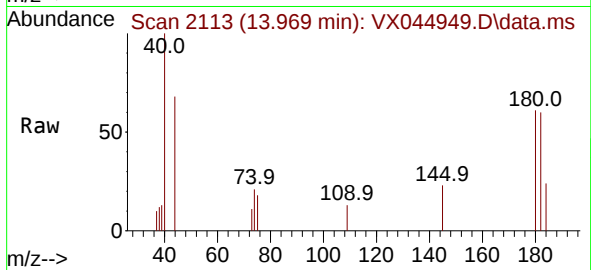
Tgt Ion:128 Resp: 2475
Ion Ratio Lower Upper
128 100
127 12.0 10.1 15.1
129 7.0 8.9 13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 0.352 ug/l
 RT: 13.969 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VX044949.D
 Acq: 14 Feb 2025 10:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0214MBL01



Tgt Ion:180	Resp:	497
Ion	Ratio	Lower Upper
180	100	
182	112.3	47.9 143.6
145	28.4	17.1 51.3

