

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
 Data File : VX044921.D
 Acq On : 12 Feb 2025 10:34
 Operator : JC/MD
 Sample : VX0212MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 13 00:46:55 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)

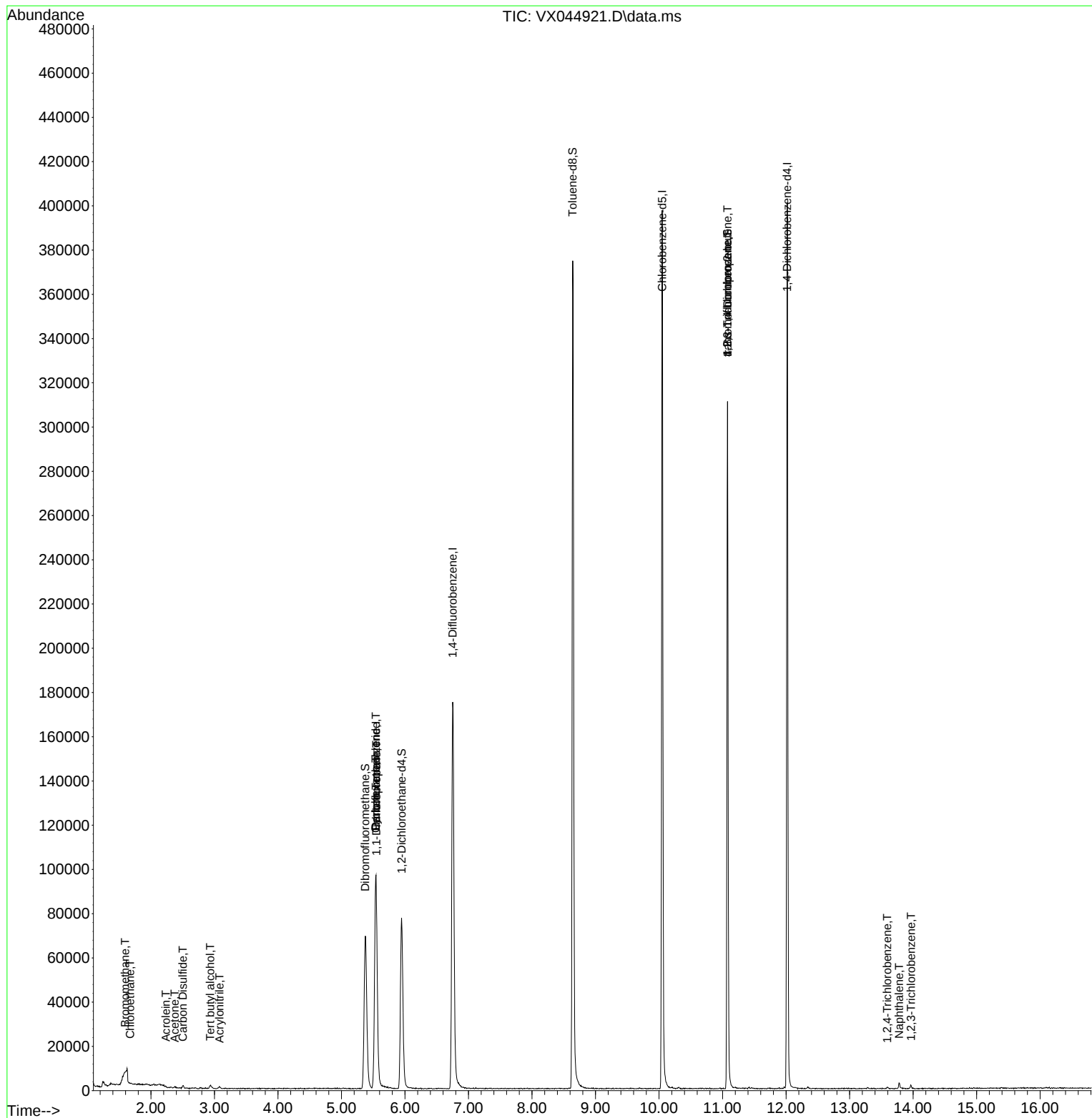
Internal Standards						
1) Pentafluorobenzene	5.544	168	90822	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	187975	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	176520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	79122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	73164	55.032	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 110.060%		
35) Dibromofluoromethane	5.373	113	62053	50.774	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 101.540%		
50) Toluene-d8	8.641	98	233491	50.523	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 101.040%		
62) 4-Bromofluorobenzene	11.079	95	84109	53.986	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery	= 107.980%		
Target Compounds						Qvalue
5) Bromomethane	1.593	94	151	0.336	ug/l #	5
6) Chloroethane	1.672	64	185	1.595	ug/l #	42
11) Tert butyl alcohol	2.934	59	870	3.527	ug/l #	73
13) Acrolein	2.233	56	133	0.523	ug/l	97
15) Acrylonitrile	3.081	53	354	0.538	ug/l	98
16) Acetone	2.373	43	588	1.100	ug/l #	42
17) Carbon Disulfide	2.501	76	1425	0.444	ug/l #	76
31) Cyclohexane	5.537	56	2446	1.185	ug/l #	28
36) 1,1-Dichloropropene	5.550	75	8079	4.582	ug/l #	50
38) Carbon Tetrachloride	5.544	117	9868	5.711	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	43943	25.049	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	43943	64.437	ug/l #	11
93) 1,2,4-Trichlorobenzene	13.591	180	362	0.229	ug/l #	82
95) Naphthalene	13.780	128	2790	0.489	ug/l #	91
96) 1,2,3-Trichlorobenzene	13.969	180	492	0.309	ug/l	81

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

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Sample : VX0212MBL01
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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Feb 13 00:46:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
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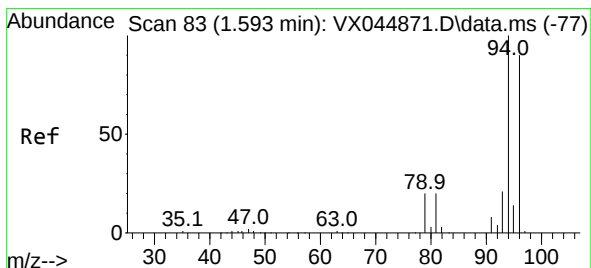
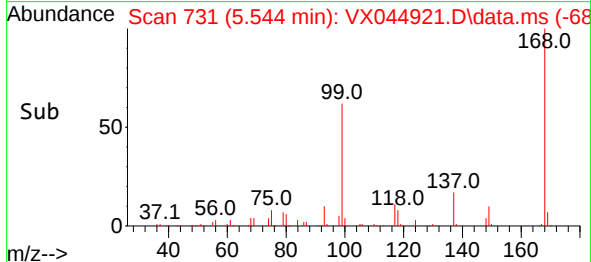
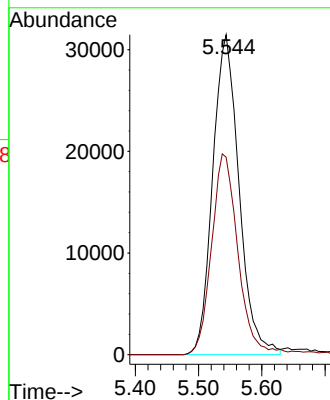
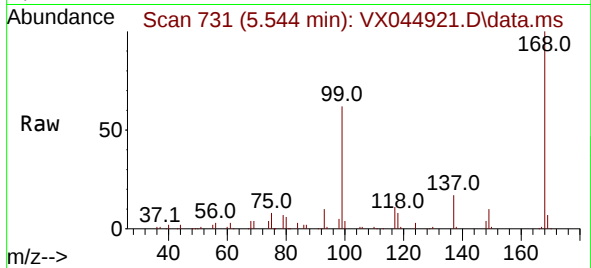




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044921.D
Acq: 12 Feb 2025 10:34

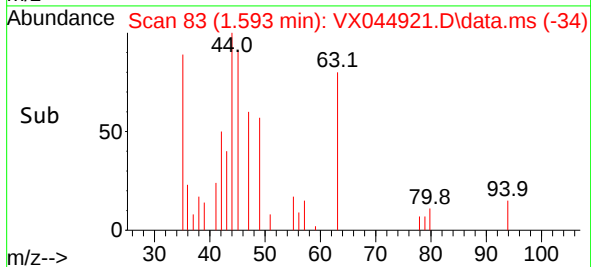
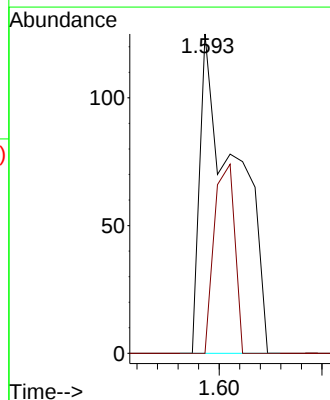
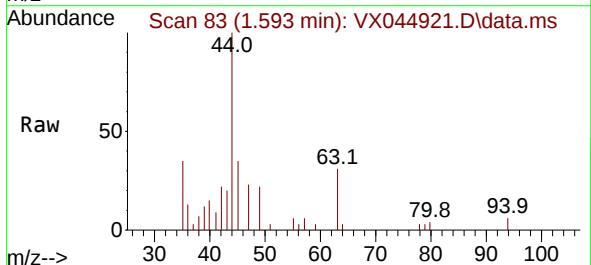
Instrument :
MSVOA_X
ClientSampleId :

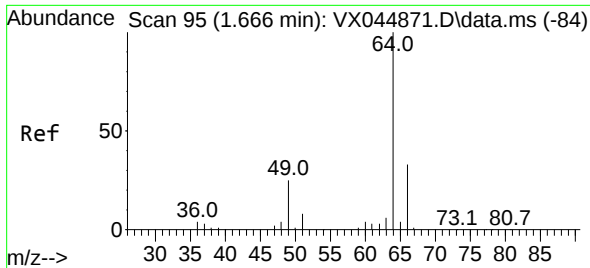
Tgt Ion:168 Resp: 90822
Ion Ratio Lower Upper
168 100
99 61.7 51.2 76.8



#5
Bromomethane
Concen: 0.336 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX044921.D
Acq: 12 Feb 2025 10:34

Tgt Ion: 94 Resp: 151
Ion Ratio Lower Upper
94 100
96 0.0 71.6 107.4#

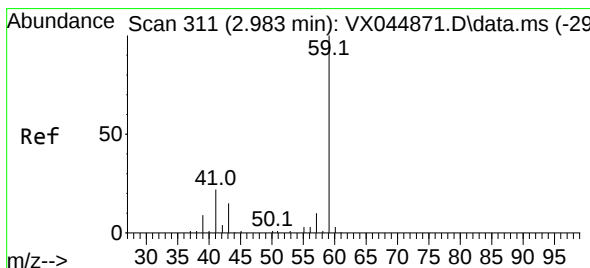
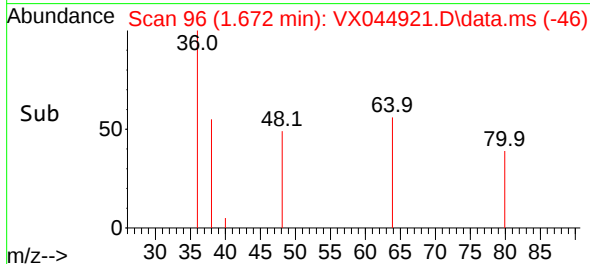
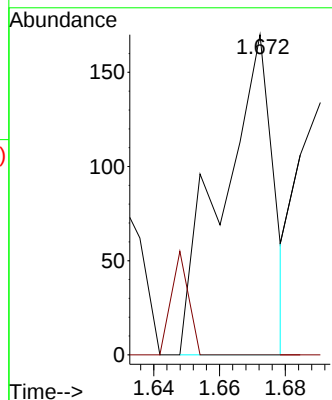
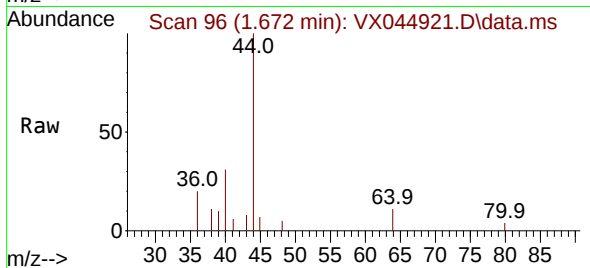




#6
Chloroethane
Concen: 1.595 ug/l
RT: 1.672 min Scan# 90
Delta R.T. 0.006 min
Lab File: VX044921.D
Acq: 12 Feb 2025 10:34

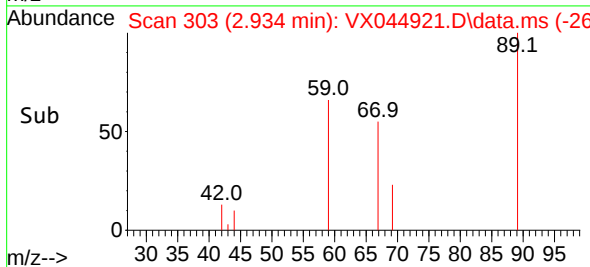
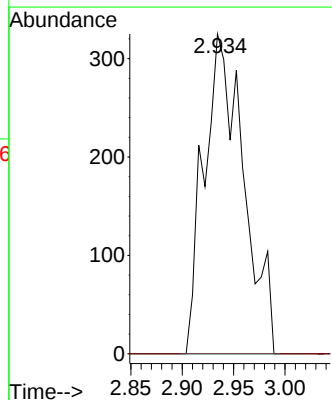
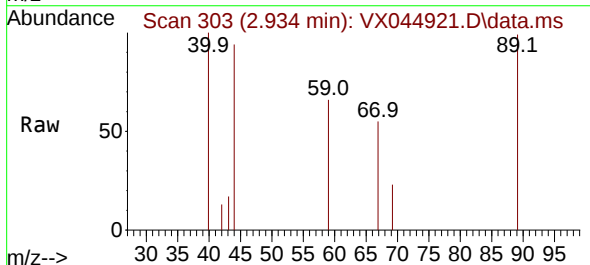
Instrument :
MSVOA_X
ClientSampleId :

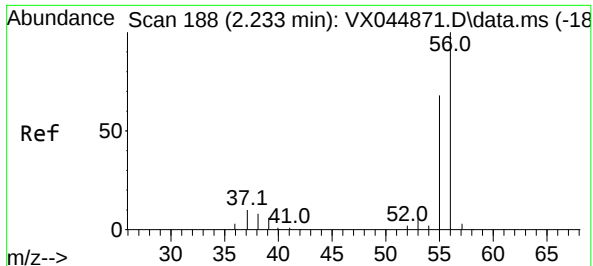
Tgt Ion: 64 Resp: 185
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#



#11
Tert butyl alcohol
Concen: 3.527 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.049 min
Lab File: VX044921.D
Acq: 12 Feb 2025 10:34

Tgt Ion: 59 Resp: 870
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#13

Acrolein

Concen: 0.523 ug/l

RT: 2.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX044921.D

Acq: 12 Feb 2025 10:34

Instrument :

MSVOA_X

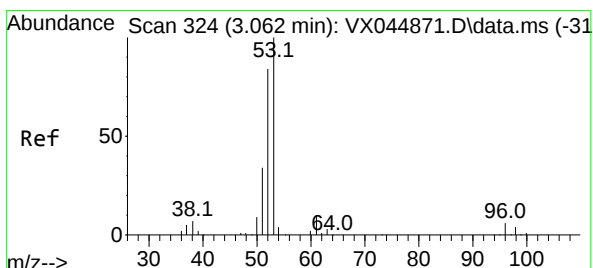
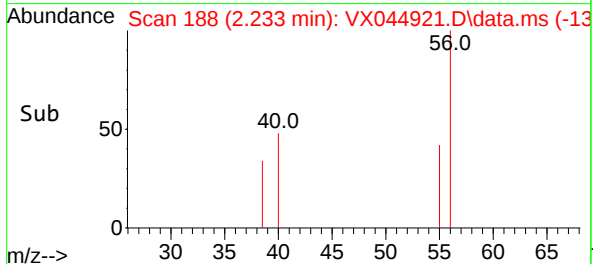
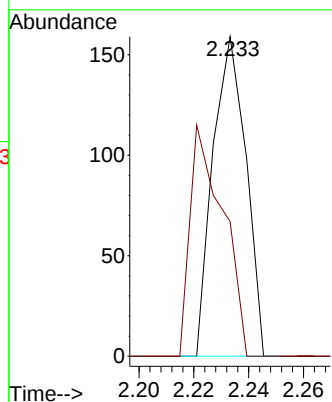
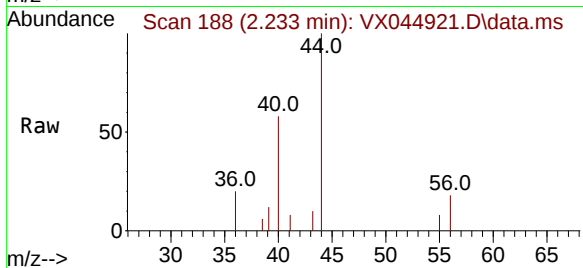
ClientSampleId :

Tgt Ion: 56 Resp: 133

Ion Ratio Lower Upper

56 100

55 72.2 55.7 83.5



#15

Acrylonitrile

Concen: 0.538 ug/l

RT: 3.081 min Scan# 327

Delta R.T. 0.019 min

Lab File: VX044921.D

Acq: 12 Feb 2025 10:34

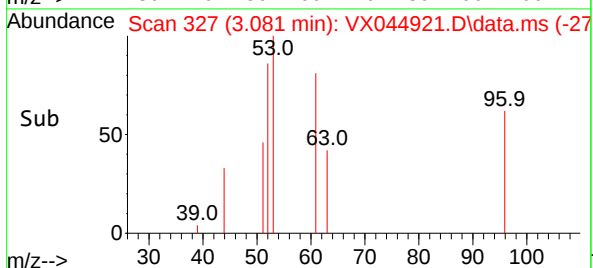
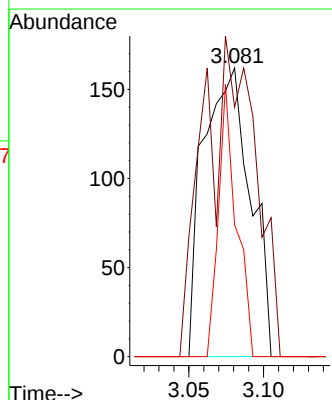
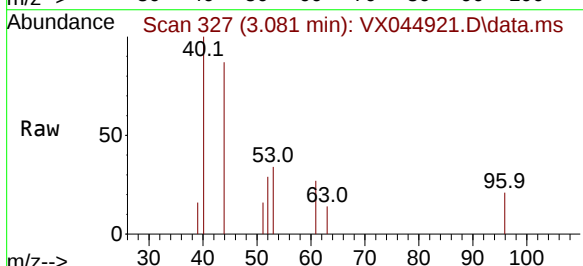
Tgt Ion: 53 Resp: 354

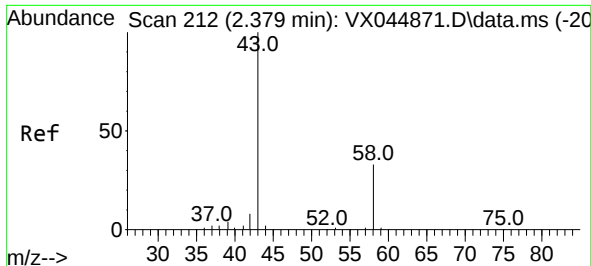
Ion Ratio Lower Upper

53 100

52 78.8 65.0 97.6

51 35.9 28.0 42.0

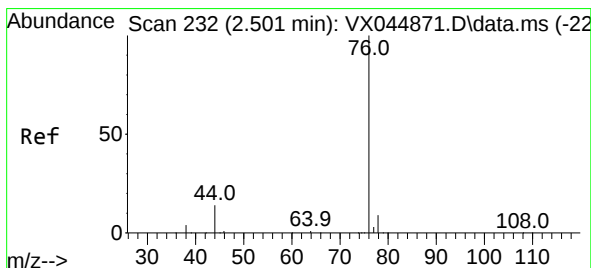
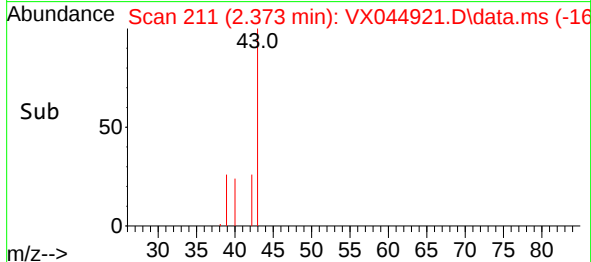
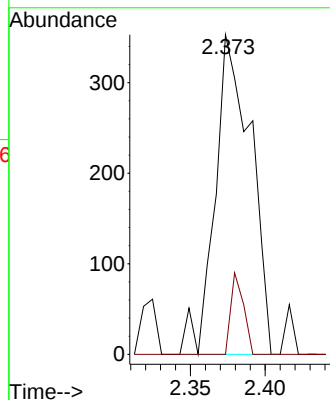
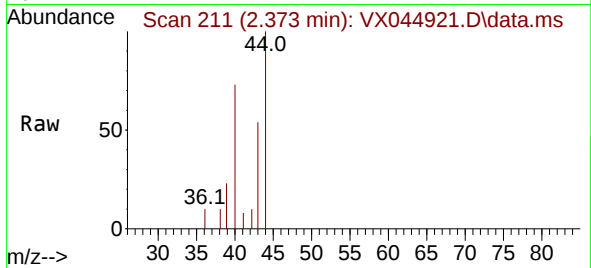




#16
Acetone
Concen: 1.100 ug/l
RT: 2.373 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX044921.D
Acq: 12 Feb 2025 10:34

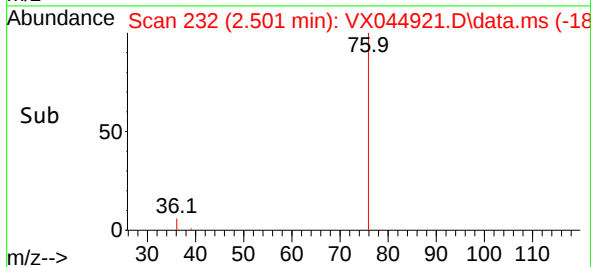
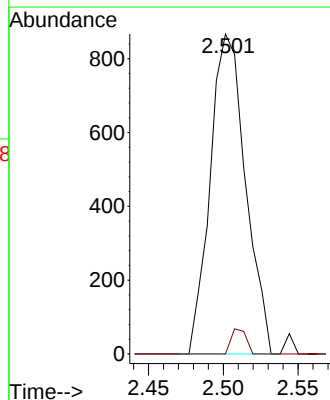
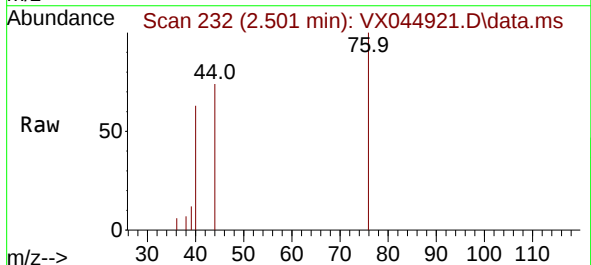
Instrument :
MSVOA_X
ClientSampleId :

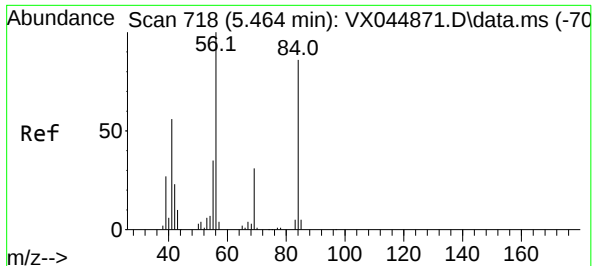
Tgt Ion: 43 Resp: 588
Ion Ratio Lower Upper
43 100
58 0.0 26.5 39.7#



#17
Carbon Disulfide
Concen: 0.444 ug/l
RT: 2.501 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX044921.D
Acq: 12 Feb 2025 10:34

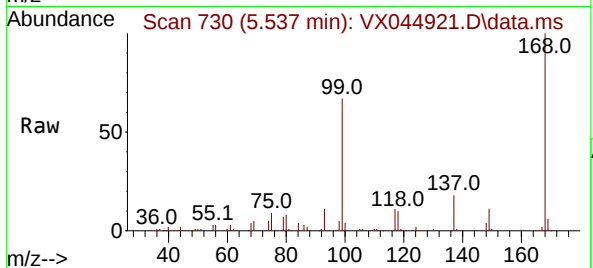
Tgt Ion: 76 Resp: 1425
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#



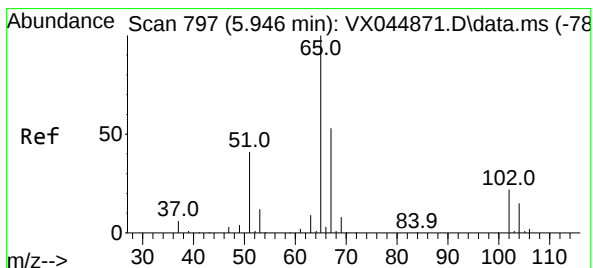
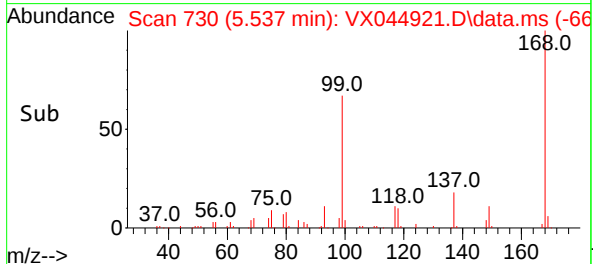
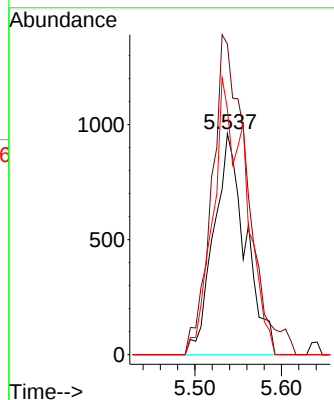


#31
Cyclohexane
Concen: 1.185 ug/l
RT: 5.537 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX044921.D
Acq: 12 Feb 2025 10:34

Instrument :
MSVOA_X
ClientSampleId :

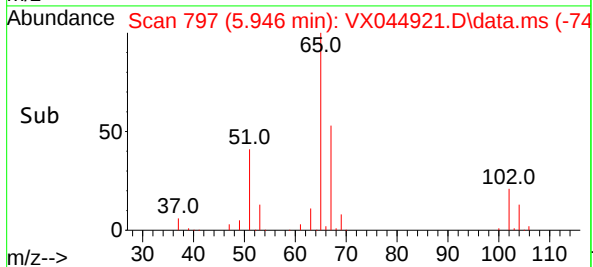
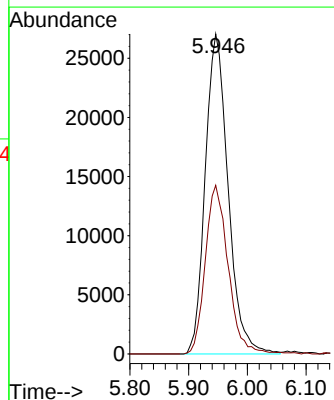
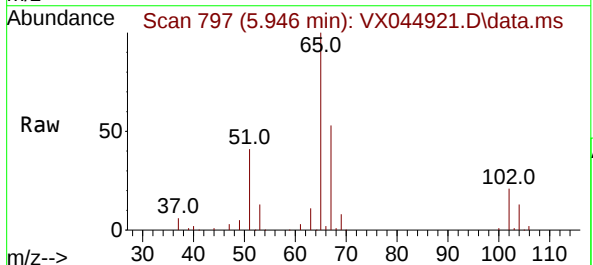


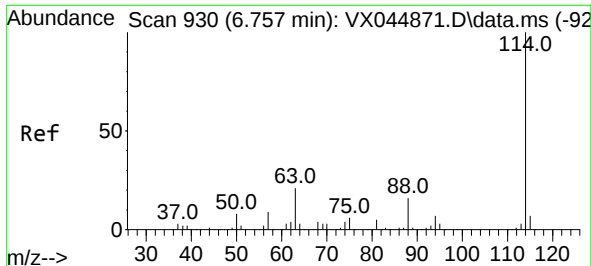
Tgt Ion: 56 Resp: 2446
Ion Ratio Lower Upper
56 100
69 140.5 24.4 36.6#
84 111.0 69.0 103.6#



#33
1,2-Dichloroethane-d4
Concen: 55.032 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.000 min
Lab File: VX044921.D
Acq: 12 Feb 2025 10:34

Tgt Ion: 65 Resp: 73164
Ion Ratio Lower Upper
65 100
67 52.8 0.0 108.2

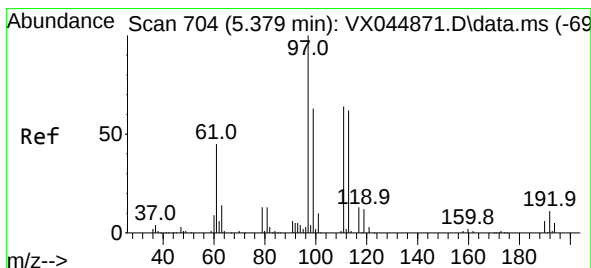
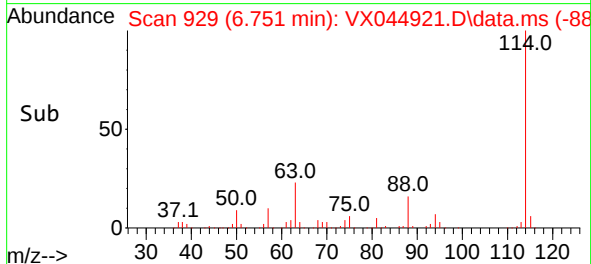
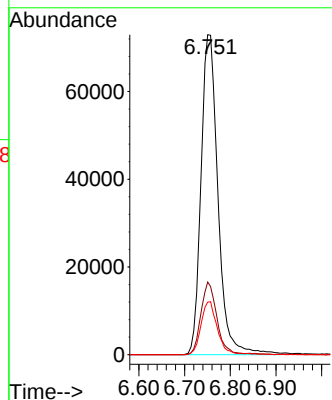
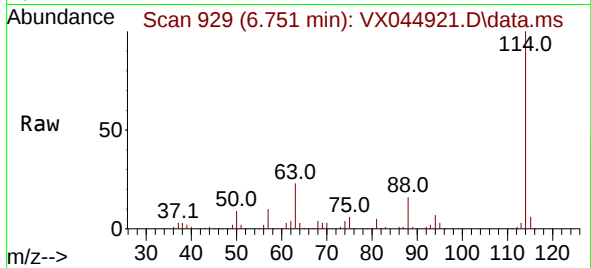




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX044921.D
Acq: 12 Feb 2025 10:34

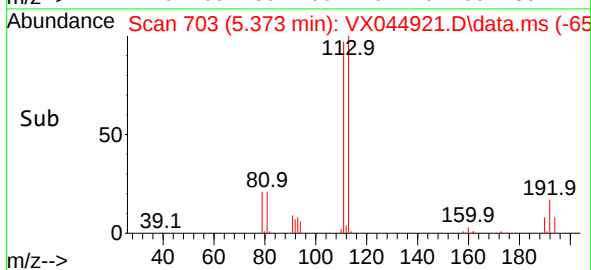
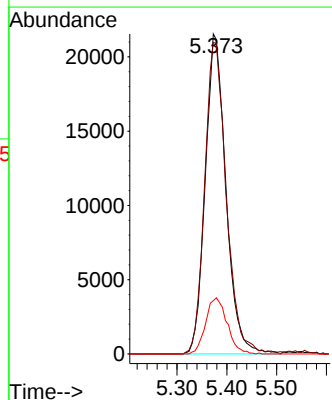
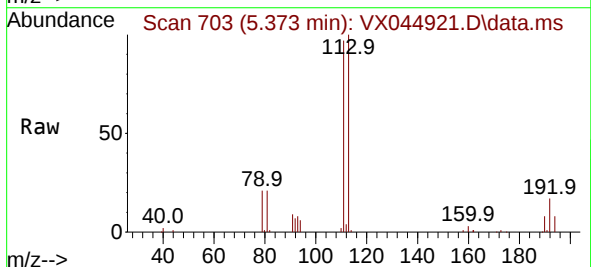
Instrument :
MSVOA_X
ClientSampleId :

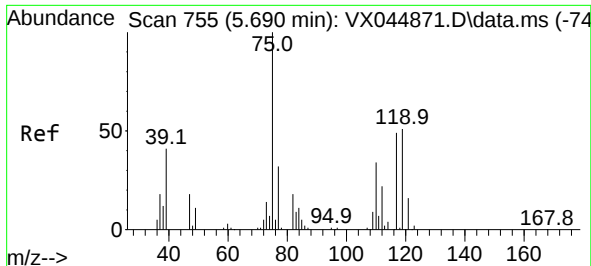
Tgt Ion:114 Resp: 187975
Ion Ratio Lower Upper
114 100
63 22.7 0.0 42.4
88 16.4 0.0 31.4



#35
Dibromofluoromethane
Concen: 50.774 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX044921.D
Acq: 12 Feb 2025 10:34

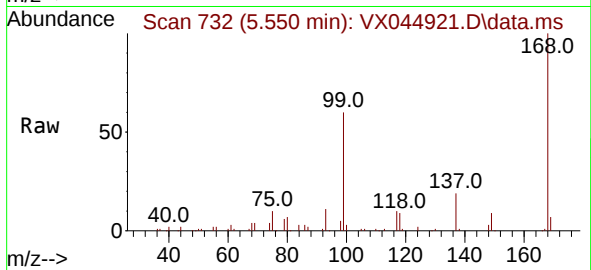
Tgt Ion:113 Resp: 62053
Ion Ratio Lower Upper
113 100
111 101.6 83.5 125.3
192 18.2 14.4 21.6



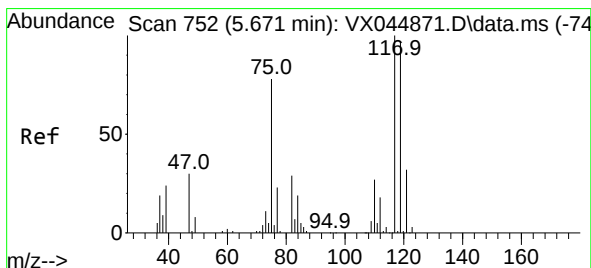
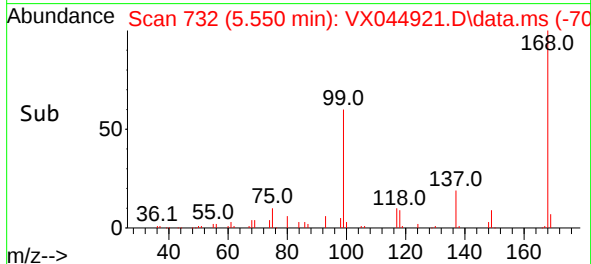
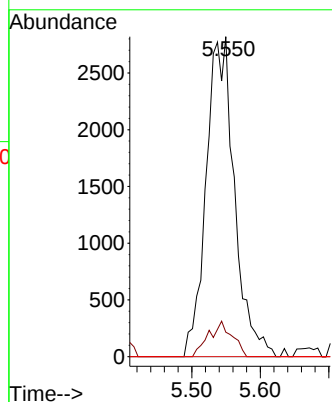


#36
1,1-Dichloropropene
Concen: 4.582 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX044921.D
Acq: 12 Feb 2025 10:34

Instrument :
MSVOA_X
ClientSampleId :

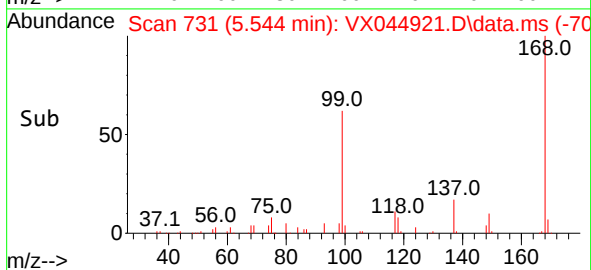
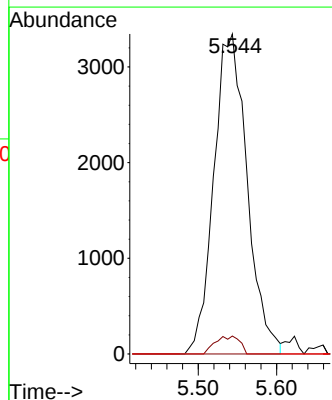
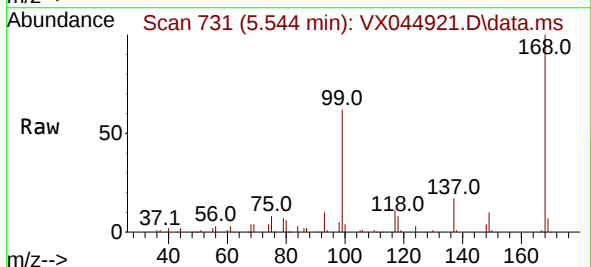


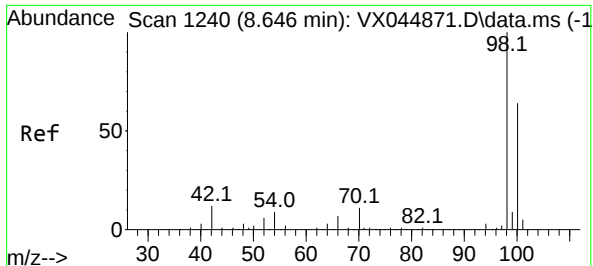
Tgt Ion: 75 Resp: 8079
Ion Ratio Lower Upper
75 100
110 9.2 17.2 51.6#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.711 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX044921.D
Acq: 12 Feb 2025 10:34

Tgt Ion: 117 Resp: 9868
Ion Ratio Lower Upper
117 100
119 5.6 77.5 116.3#
121 0.0 25.6 38.4#

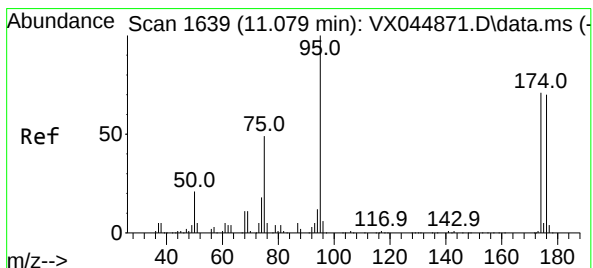
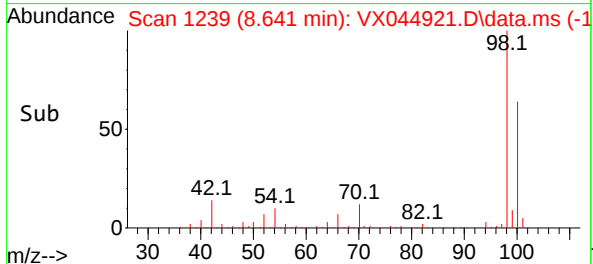
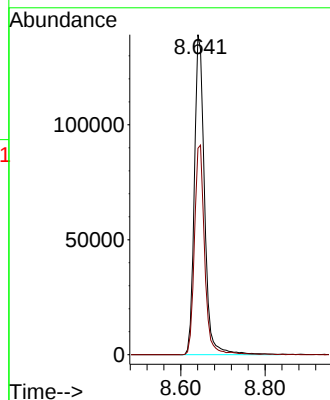
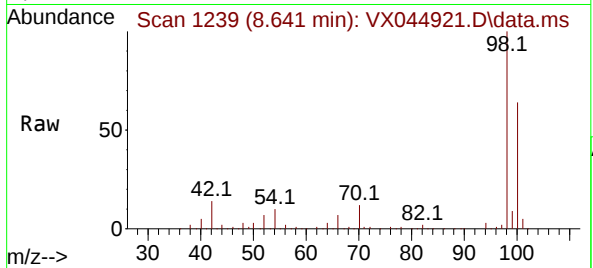




#50
Toluene-d8
Concen: 50.523 ug/l
RT: 8.641 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX044921.D
Acq: 12 Feb 2025 10:34

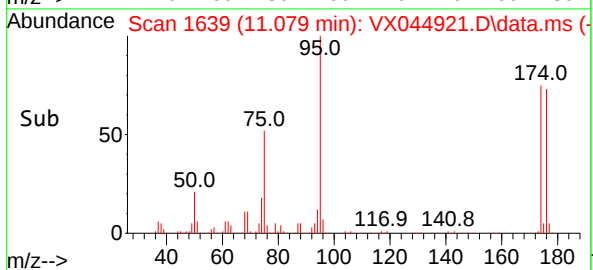
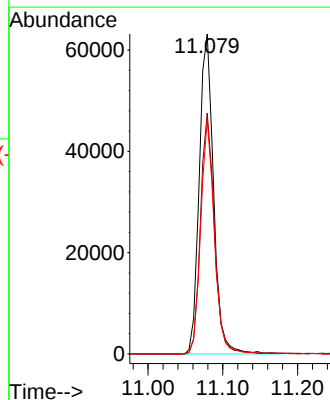
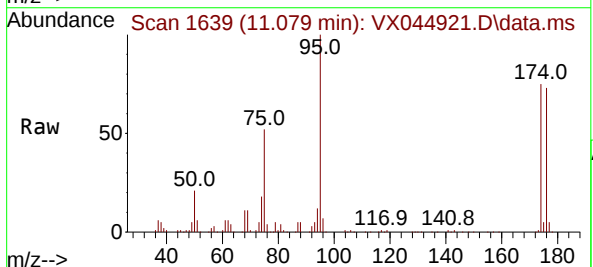
Instrument :
MSVOA_X
ClientSampleId :

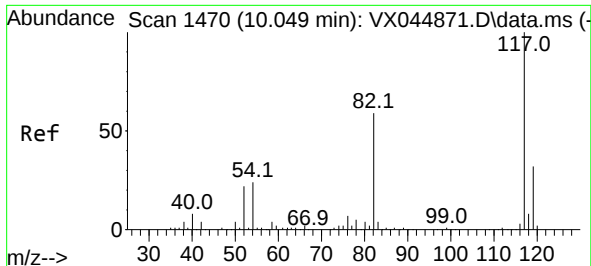
Tgt Ion: 98 Resp: 233491
Ion Ratio Lower Upper
98 100
100 65.6 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 53.986 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044921.D
Acq: 12 Feb 2025 10:34

Tgt Ion: 95 Resp: 84109
Ion Ratio Lower Upper
95 100
174 73.2 0.0 142.6
176 69.7 0.0 141.6

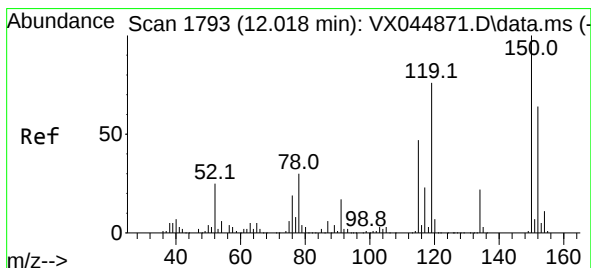
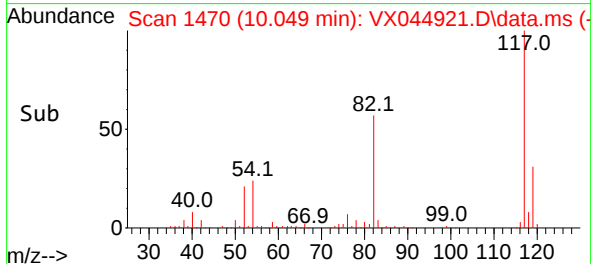
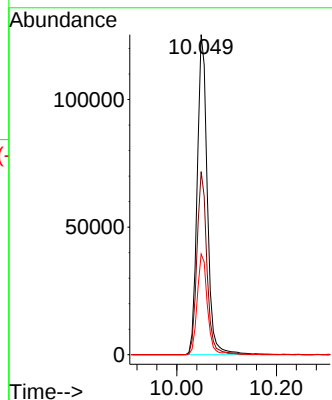
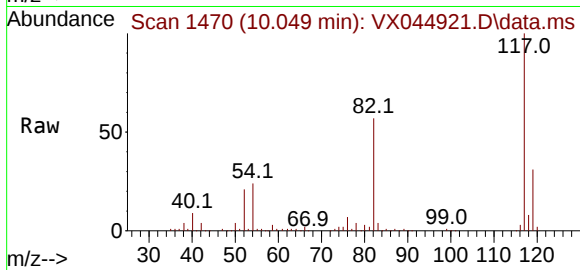




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044921.D
Acq: 12 Feb 2025 10:34

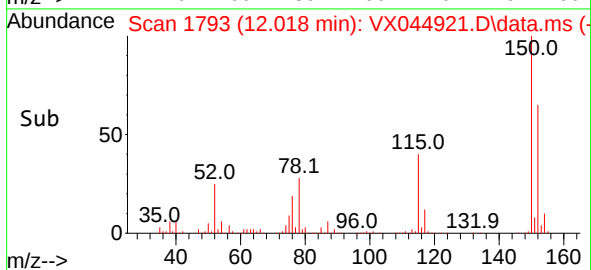
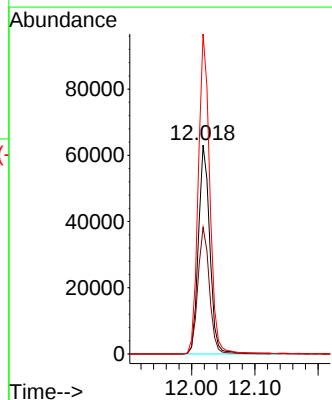
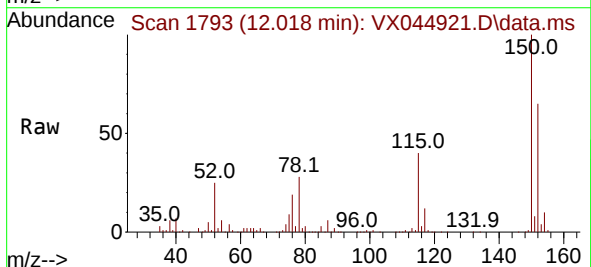
Instrument :
MSVOA_X
ClientSampleId :

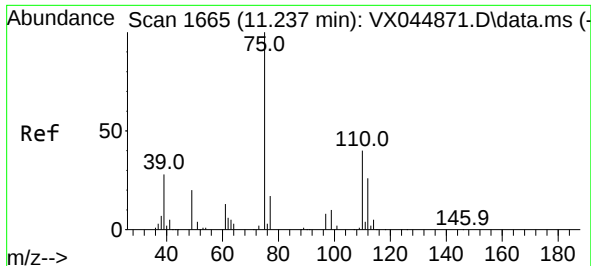
Tgt Ion:117 Resp: 176520
Ion Ratio Lower Upper
117 100
82 57.2 47.5 71.3
119 31.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044921.D
Acq: 12 Feb 2025 10:34

Tgt Ion:152 Resp: 79122
Ion Ratio Lower Upper
152 100
115 61.6 43.4 130.1
150 154.7 0.0 350.4

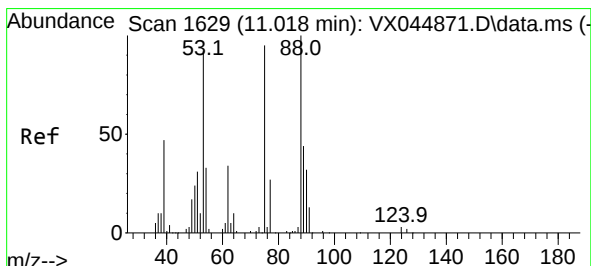
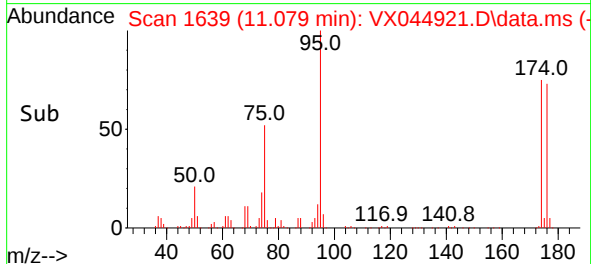
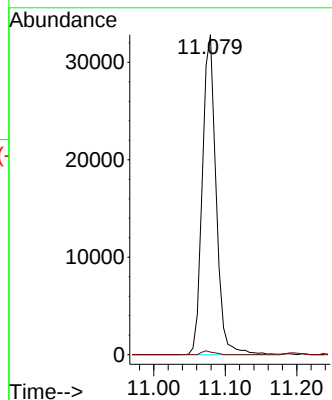
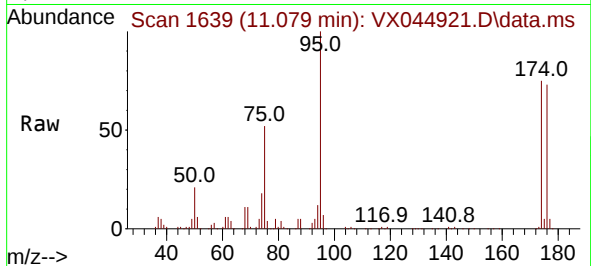




#76
1,2,3-Trichloropropane
Concen: 25.049 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX044921.D
Acq: 12 Feb 2025 10:34

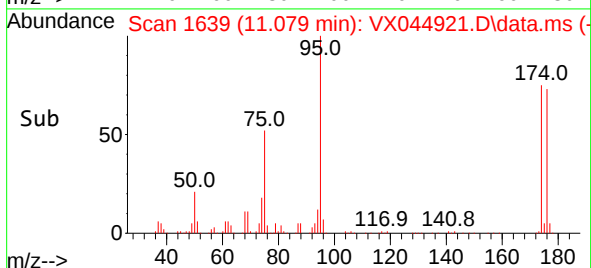
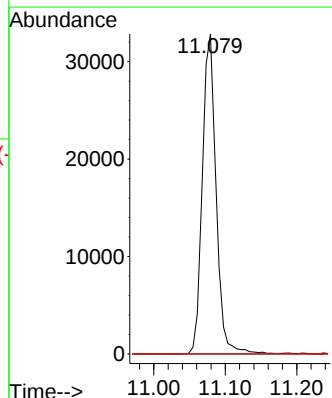
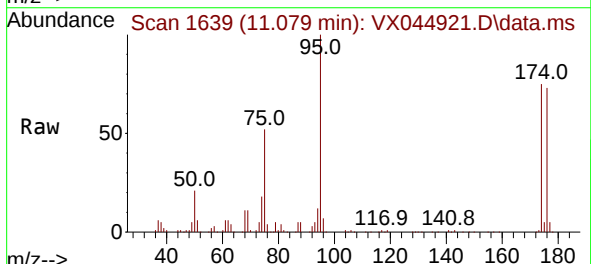
Instrument :
MSVOA_X
ClientSampleId :

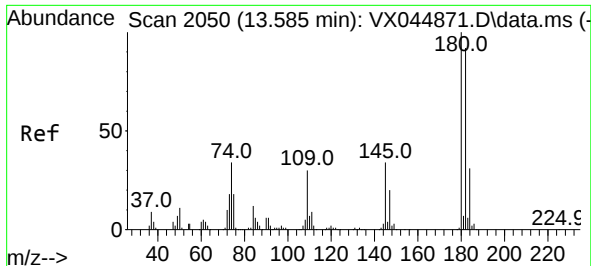
Tgt Ion: 75 Resp: 43943
Ion Ratio Lower Upper
75 100
77 1.0 21.9 65.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.437 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044921.D
Acq: 12 Feb 2025 10:34

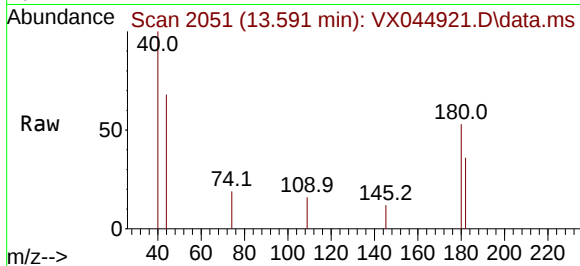
Tgt Ion: 75 Resp: 43943
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 36.6 54.8#



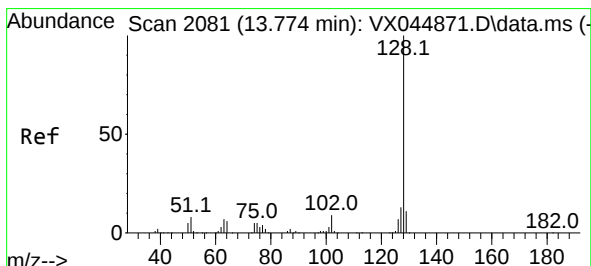
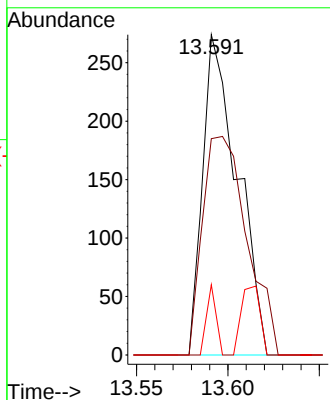
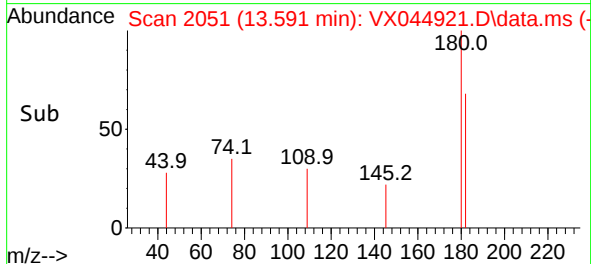


#93
1,2,4-Trichlorobenzene
Concen: 0.229 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX044921.D
Acq: 12 Feb 2025 10:34

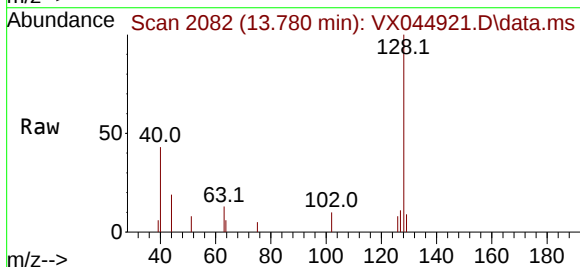
Instrument :
MSVOA_X
ClientSampleId :



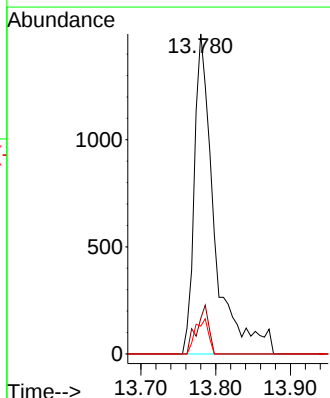
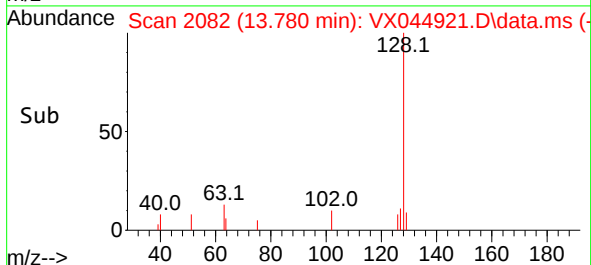
Tgt Ion:180 Resp: 362
Ion Ratio Lower Upper
180 100
182 87.6 47.6 142.8
145 6.1 16.4 49.1#

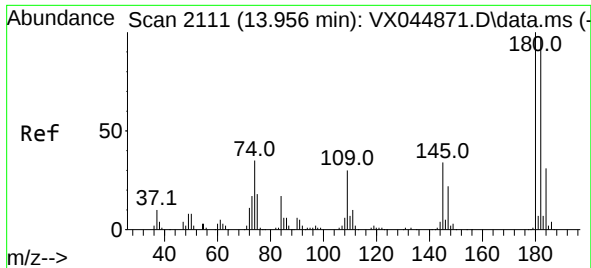


#95
Naphthalene
Concen: 0.489 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX044921.D
Acq: 12 Feb 2025 10:34



Tgt Ion:128 Resp: 2790
Ion Ratio Lower Upper
128 100
127 9.2 10.1 15.1#
129 7.2 8.9 13.3#





#96

1,2,3-Trichlorobenzene

Concen: 0.309 ug/l

RT: 13.969 min Scan# 21

Delta R.T. 0.012 min

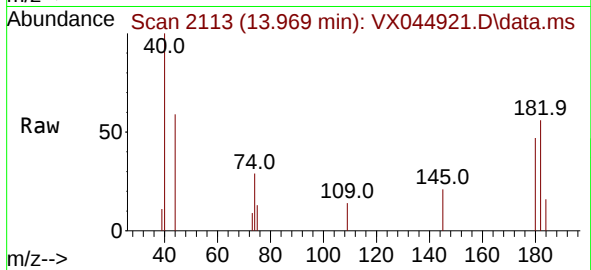
Lab File: VX044921.D

Acq: 12 Feb 2025 10:34

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 492

Ion Ratio Lower Upper

180 100

182 119.1 47.9 143.6

145 30.3 17.1 51.3

