

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021825\
 Data File : VX044981.D
 Acq On : 18 Feb 2025 12:42
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 19 06:11:00 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)

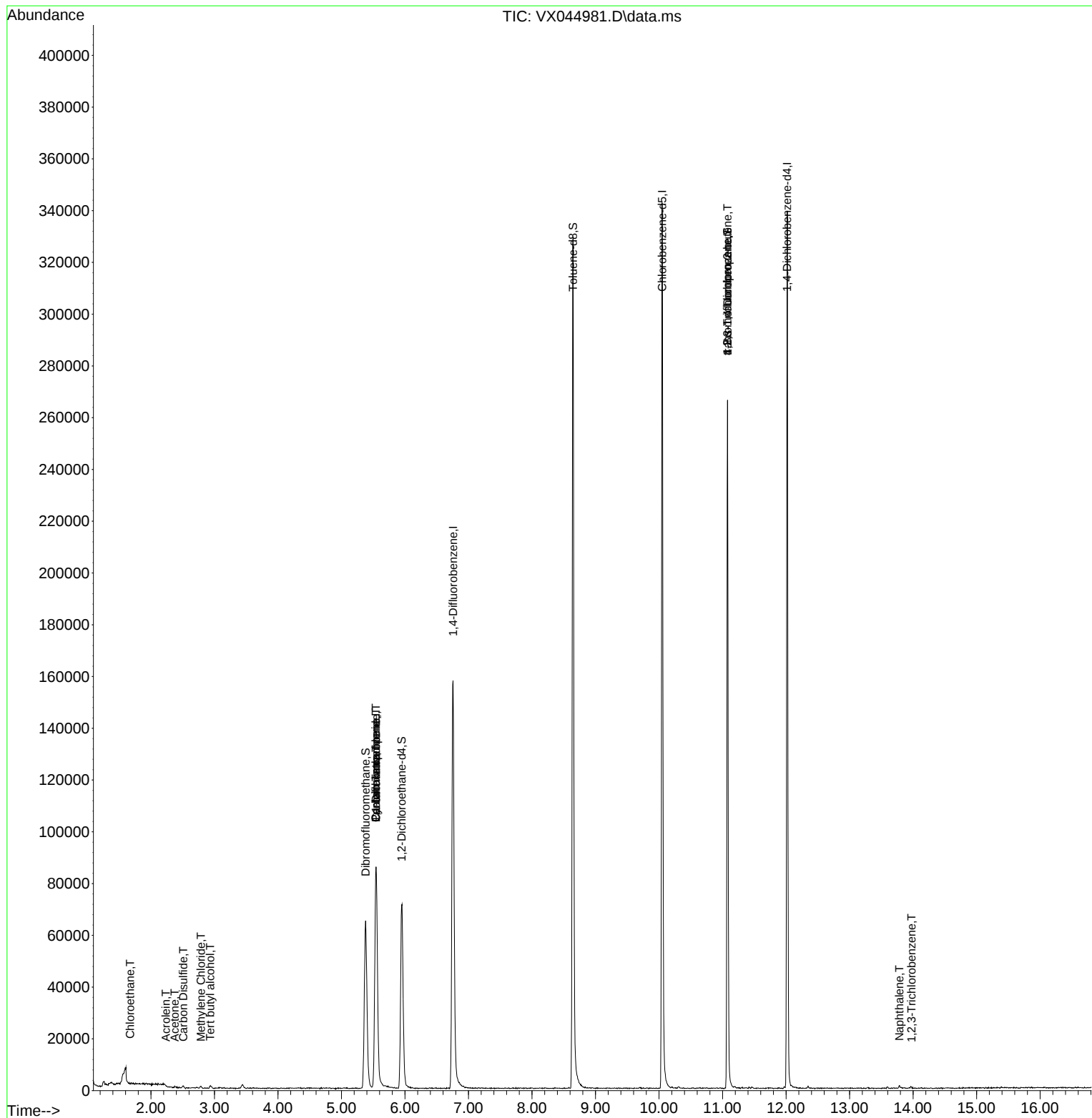
Internal Standards						
1) Pentafluorobenzene	5.544	168	84164	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	169826	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	154210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64041	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	67918	55.128	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.260%			
35) Dibromofluoromethane	5.379	113	57626	52.190	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.380%			
50) Toluene-d8	8.647	98	210308	50.370	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.740%			
62) 4-Bromofluorobenzene	11.079	95	71549	50.832	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.660%			
Target Compounds						Qvalue
6) Chloroethane	1.672	64	120	1.519	ug/l #	42
11) Tert butyl alcohol	2.934	59	156	0.683	ug/l #	73
13) Acrolein	2.233	56	62	0.263	ug/l #	53
16) Acetone	2.374	43	463	0.935	ug/l #	75
17) Carbon Disulfide	2.508	76	935	0.314	ug/l #	76
20) Methylene Chloride	2.788	84	284	0.234	ug/l #	74
31) Cyclohexane	5.544	56	2188	1.144	ug/l #	15
36) 1,1-Dichloropropene	5.544	75	7297	4.581	ug/l #	48
38) Carbon Tetrachloride	5.544	117	9066	5.808	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	37256	26.239	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	37256	67.496	ug/l #	11
95) Naphthalene	13.786	128	1463	0.317	ug/l #	90
96) 1,2,3-Trichlorobenzene	13.975	180	337	0.262	ug/l #	82

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

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Sample : IBLK
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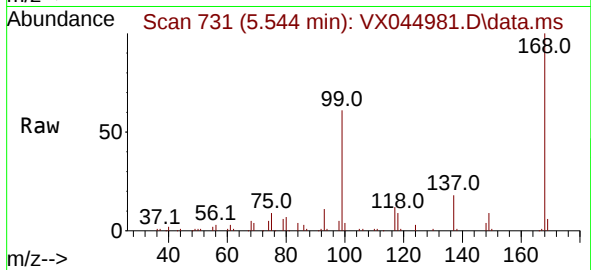
Quant Time: Feb 19 06:11:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
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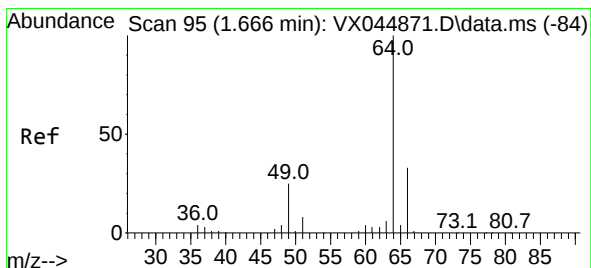
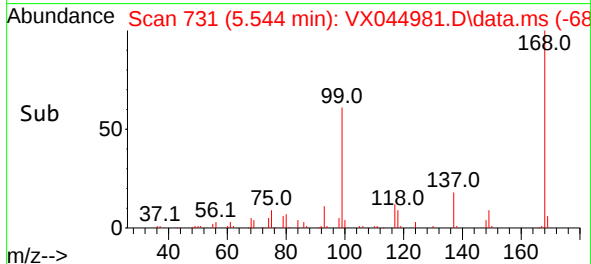
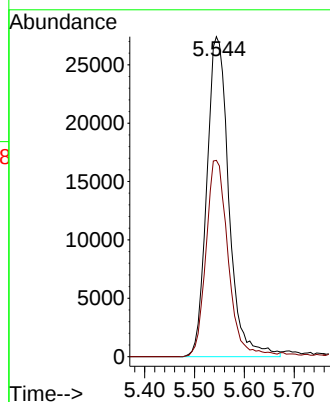


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044981.D
Acq: 18 Feb 2025 12:42

Instrument :
MSVOA_X
ClientSampleId :

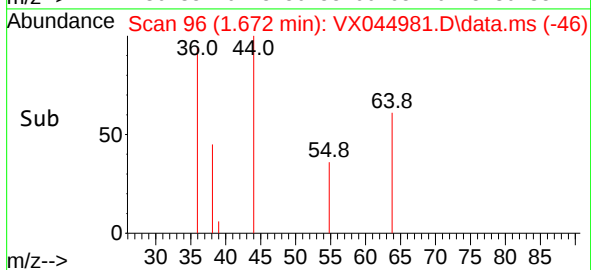
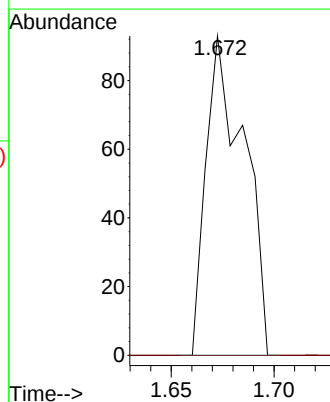
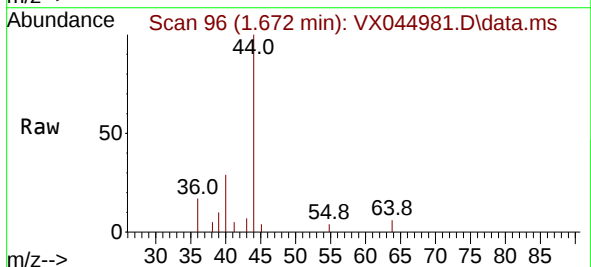


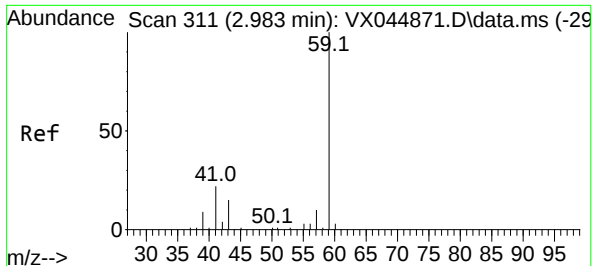
Tgt Ion:168 Resp: 84164
Ion Ratio Lower Upper
168 100
99 61.4 51.2 76.8



#6
Chloroethane
Concen: 1.519 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX044981.D
Acq: 18 Feb 2025 12:42

Tgt Ion: 64 Resp: 120
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#





#11

Tert butyl alcohol

Concen: 0.683 ug/l

RT: 2.934 min Scan# 30

Delta R.T. -0.048 min

Lab File: VX044981.D

Acq: 18 Feb 2025 12:42

Instrument :

MSVOA_X

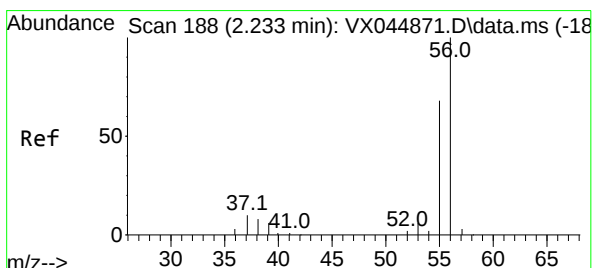
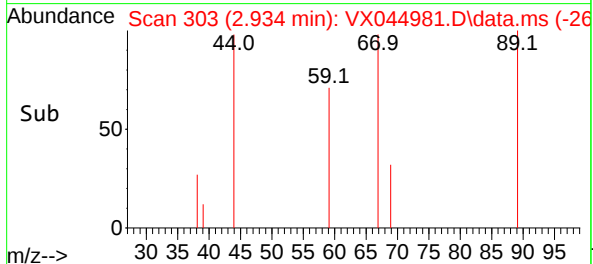
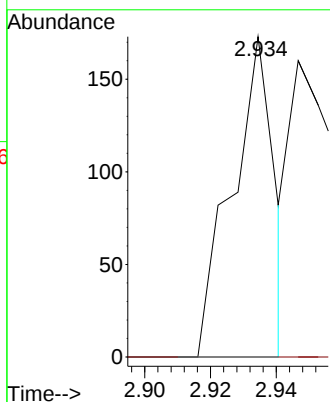
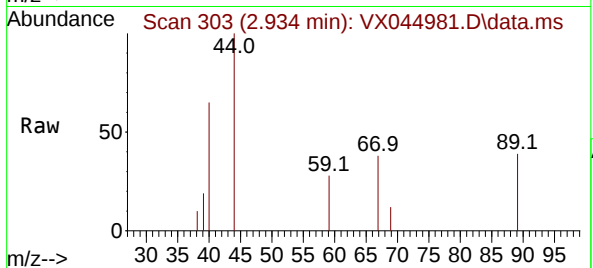
ClientSampleId :

Tgt Ion: 59 Resp: 156

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#13

Acrolein

Concen: 0.263 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX044981.D

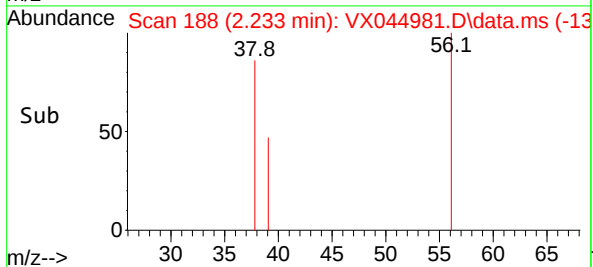
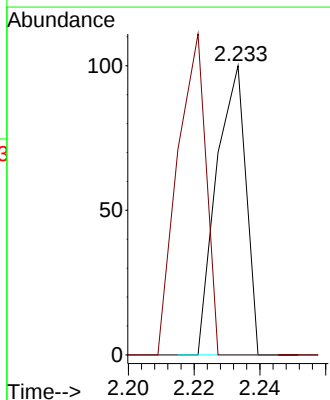
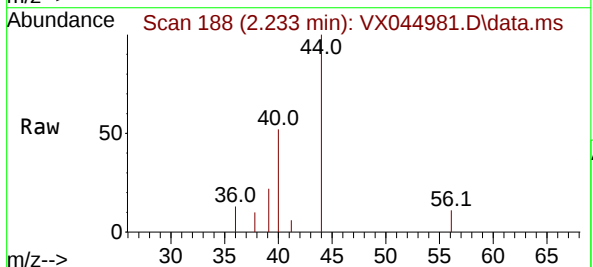
Acq: 18 Feb 2025 12:42

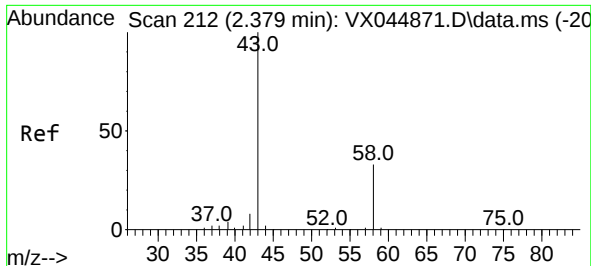
Tgt Ion: 56 Resp: 62

Ion Ratio Lower Upper

56 100

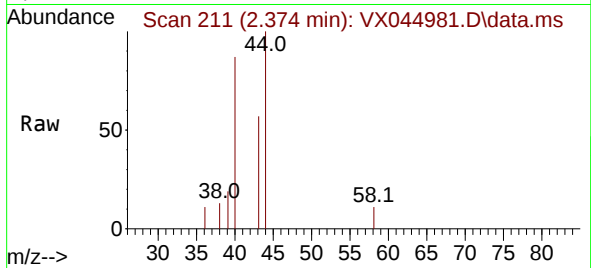
55 108.1 55.7 83.5#



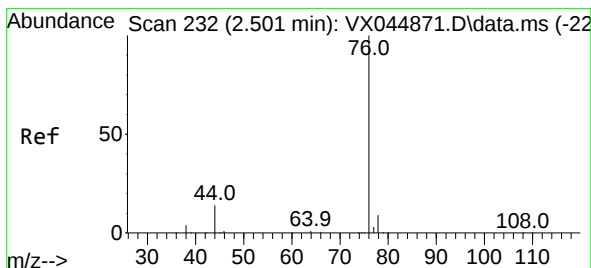
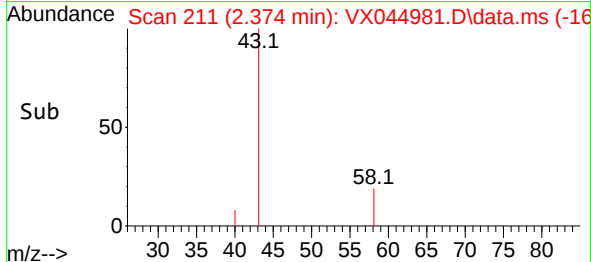
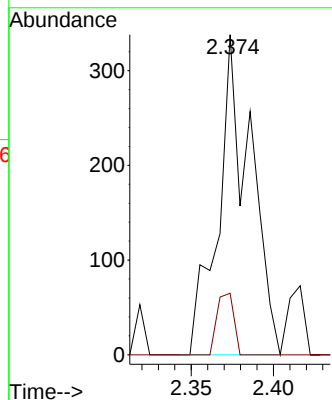


#16
Acetone
Concen: 0.935 ug/l
RT: 2.374 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX044981.D
Acq: 18 Feb 2025 12:42

Instrument :
MSVOA_X
ClientSampleId :

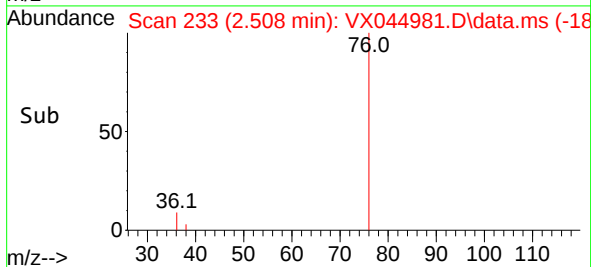
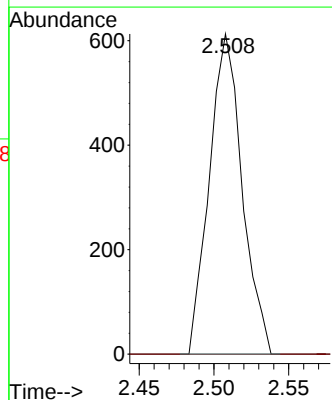
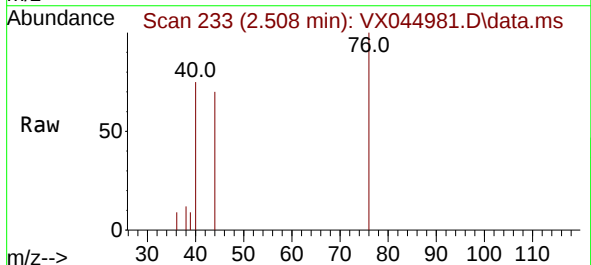


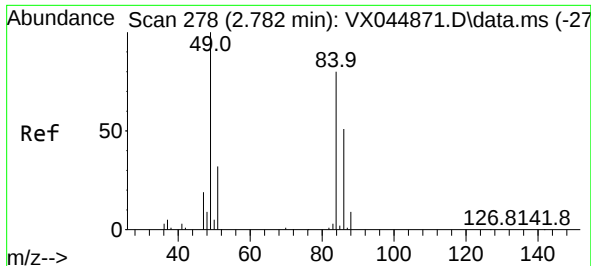
Tgt Ion: 43 Resp: 463
Ion Ratio Lower Upper
43 100
58 19.2 26.5 39.7#



#17
Carbon Disulfide
Concen: 0.314 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX044981.D
Acq: 18 Feb 2025 12:42

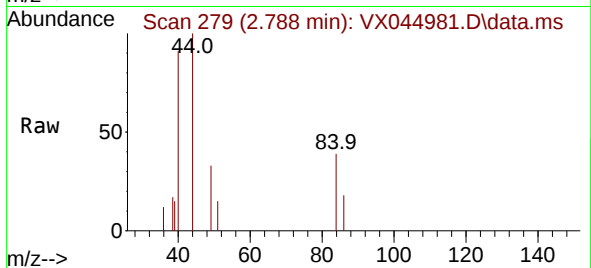
Tgt Ion: 76 Resp: 935
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#



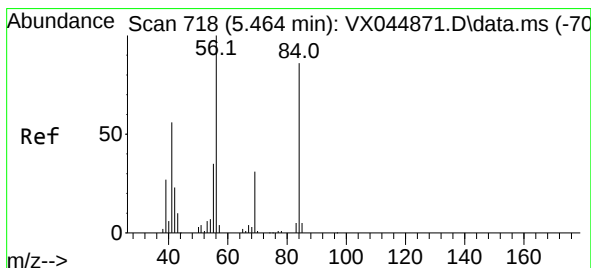
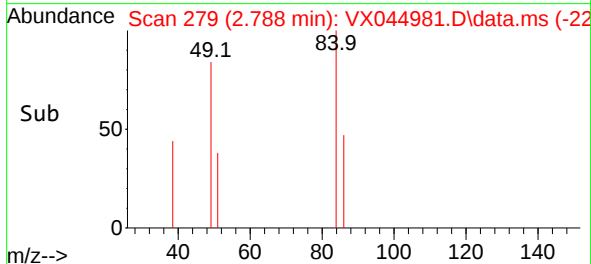
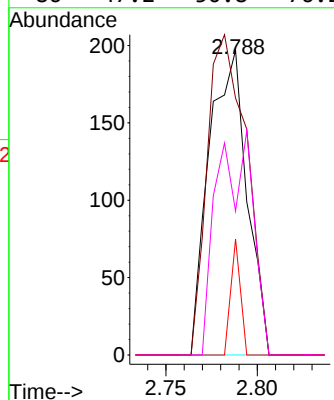


#20
Methylene Chloride
Concen: 0.234 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX044981.D
Acq: 18 Feb 2025 12:42

Instrument :
MSVOA_X
ClientSampleId :

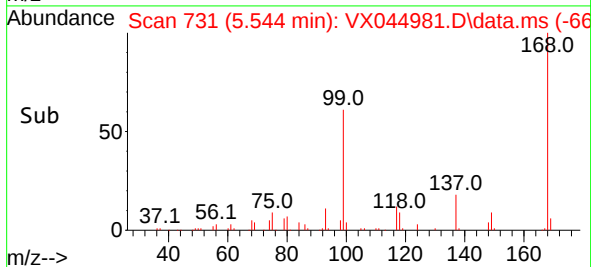
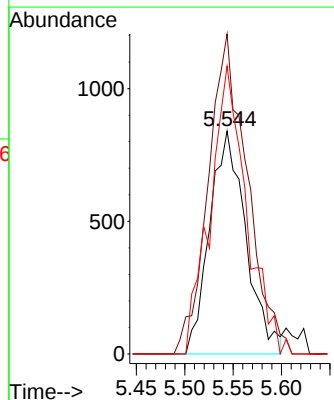
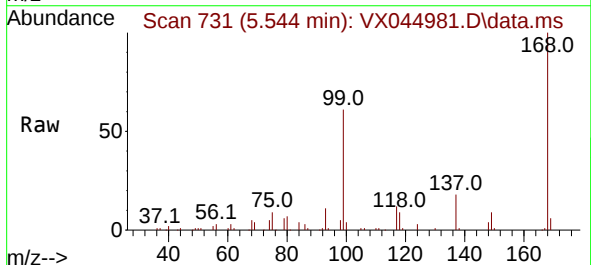


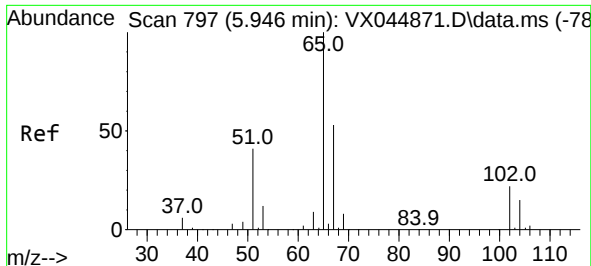
Tgt Ion:	84	Resp:	284
Ion	Ratio	Lower	Upper
84	100		
49	84.3	100.1	150.1#
51	38.1	31.7	47.5
86	47.2	50.8	76.2#



#31
Cyclohexane
Concen: 1.144 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.080 min
Lab File: VX044981.D
Acq: 18 Feb 2025 12:42

Tgt Ion:	56	Resp:	2188
Ion	Ratio	Lower	Upper
56	100		
69	137.3	24.4	36.6#
84	129.2	69.0	103.6#





#33

1,2-Dichloroethane-d4

Concen: 55.128 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.000 min

Lab File: VX044981.D

Acq: 18 Feb 2025 12:42

Instrument :

MSVOA_X

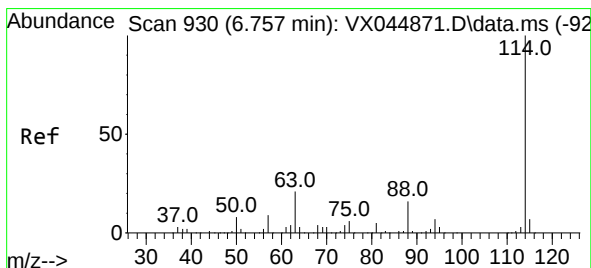
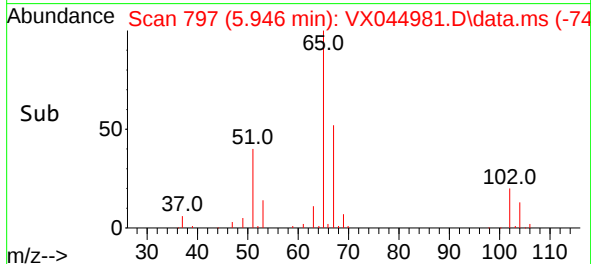
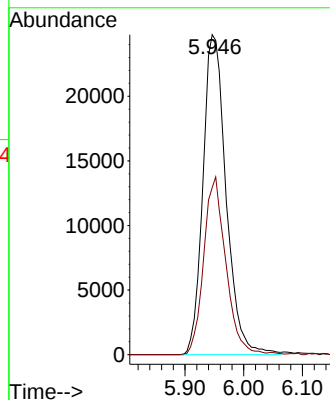
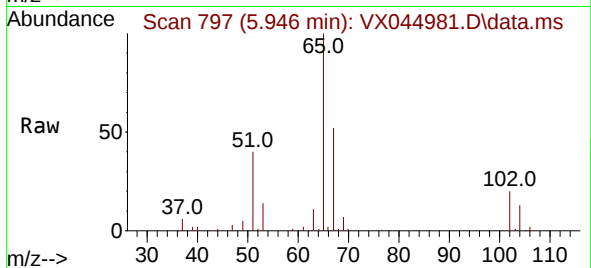
ClientSampleId :

Tgt Ion: 65 Resp: 67918

Ion Ratio Lower Upper

65 100

67 52.9 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: VX044981.D

Acq: 18 Feb 2025 12:42

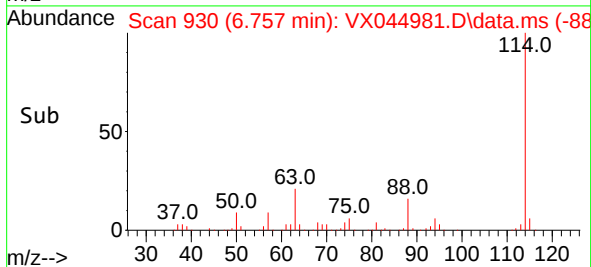
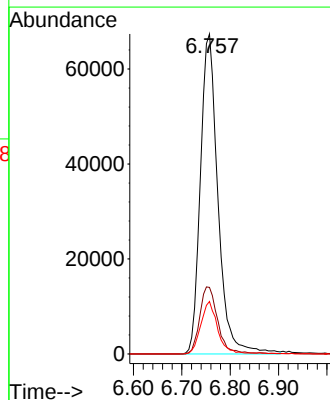
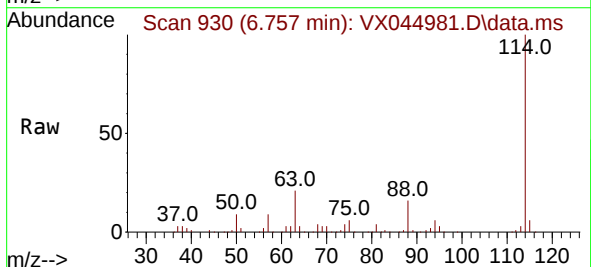
Tgt Ion: 114 Resp: 169826

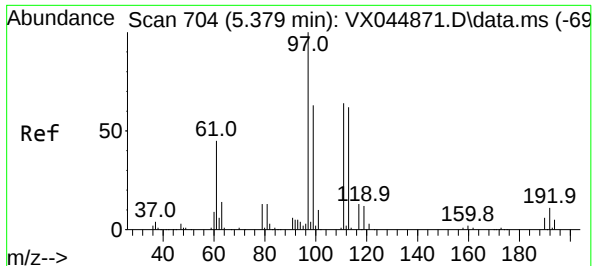
Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.4

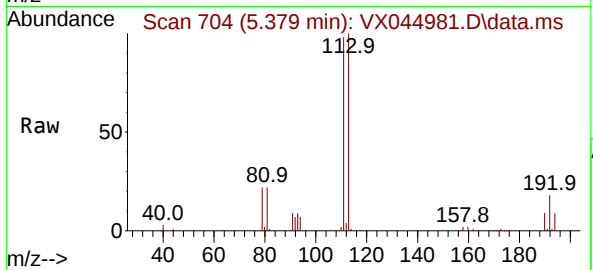
88 16.4 0.0 31.4



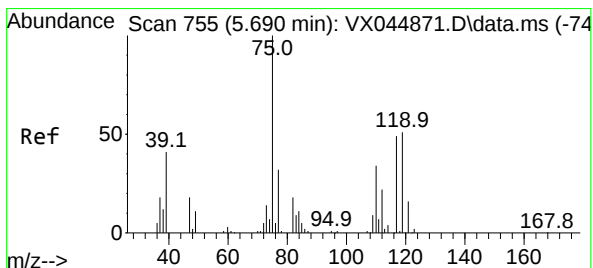
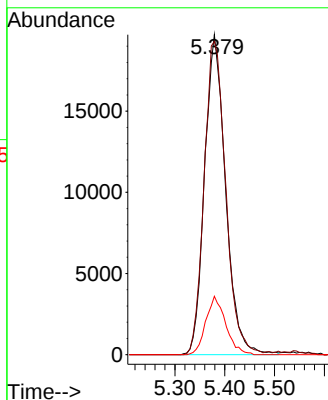
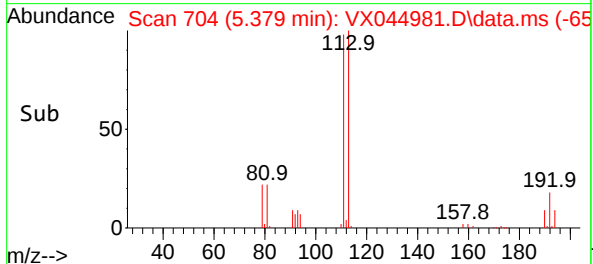


#35
Dibromofluoromethane
Concen: 52.190 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044981.D
Acq: 18 Feb 2025 12:42

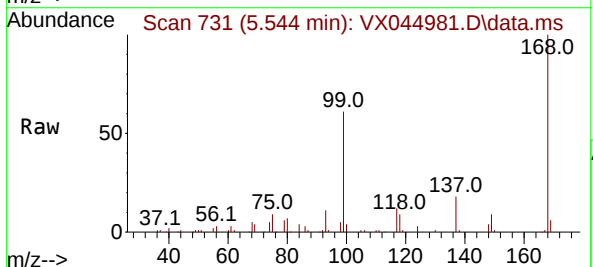
Instrument :
MSVOA_X
ClientSampleId :



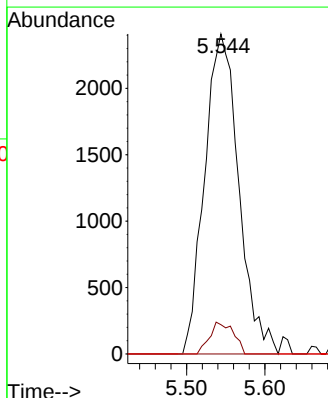
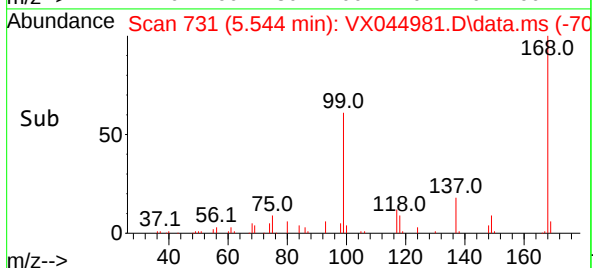
Tgt Ion:113 Resp: 57626
Ion Ratio Lower Upper
113 100
111 100.9 83.5 125.3
192 17.3 14.4 21.6

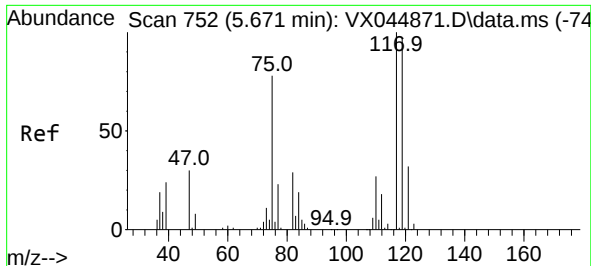


#36
1,1-Dichloropropene
Concen: 4.581 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX044981.D
Acq: 18 Feb 2025 12:42



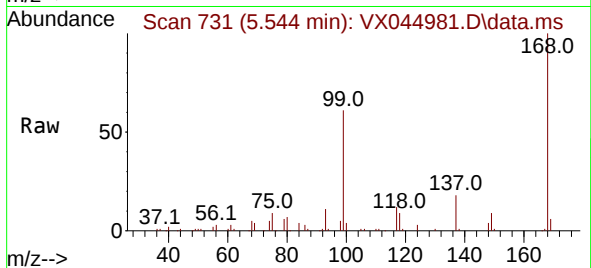
Tgt Ion: 75 Resp: 7297
Ion Ratio Lower Upper
75 100
110 6.9 17.2 51.6#
77 0.0 24.6 37.0#



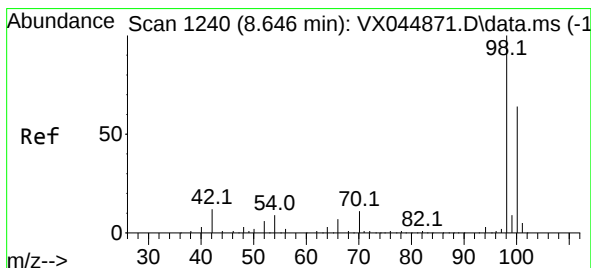
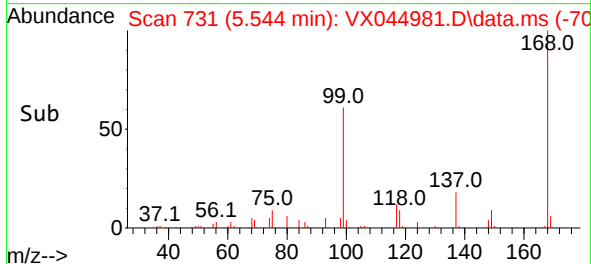
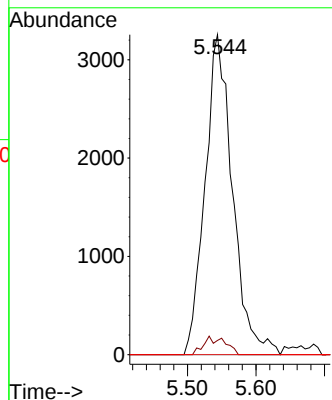


#38
Carbon Tetrachloride
Concen: 5.808 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX044981.D
Acq: 18 Feb 2025 12:42

Instrument :
MSVOA_X
ClientSampleId :

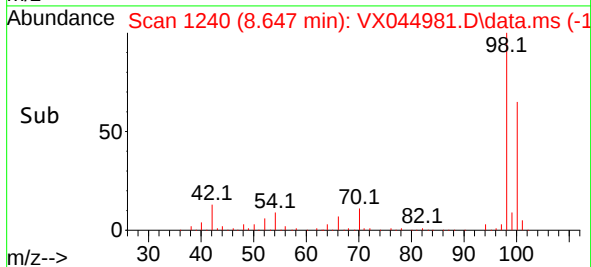
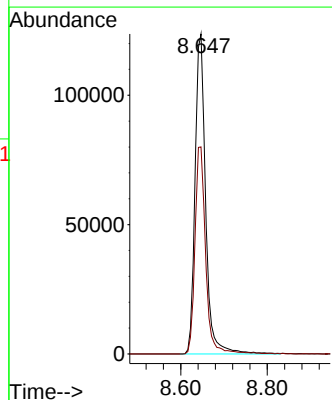
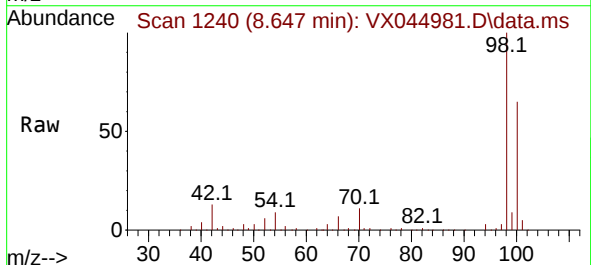


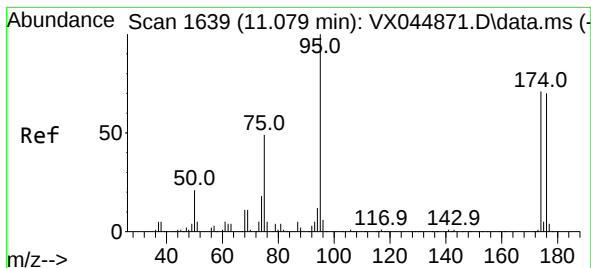
Tgt Ion:117 Resp: 9066
Ion Ratio Lower Upper
117 100
119 4.4 77.5 116.3#
121 0.0 25.6 38.4#



#50
Toluene-d8
Concen: 50.370 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044981.D
Acq: 18 Feb 2025 12:42

Tgt Ion: 98 Resp: 210308
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1

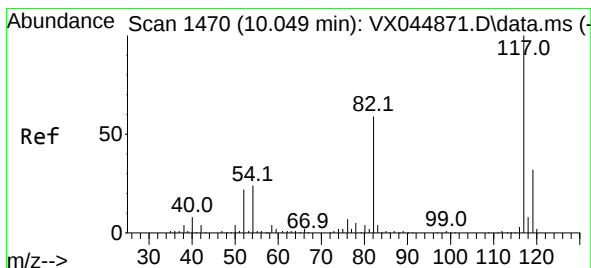
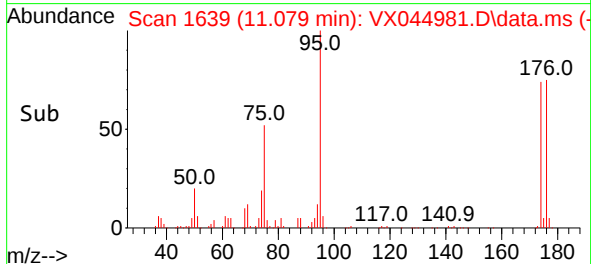
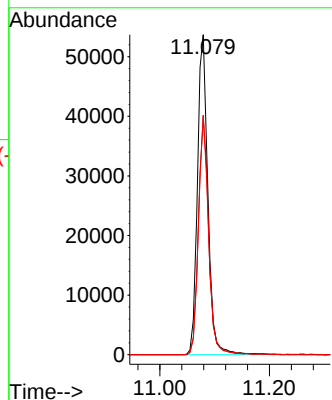
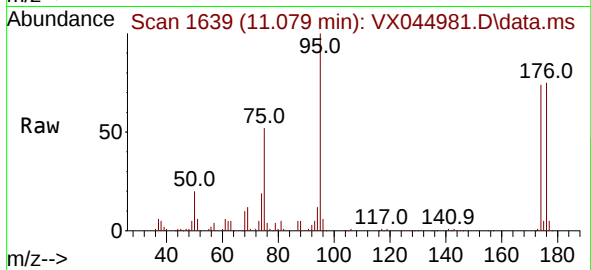




#62
4-Bromofluorobenzene
Concen: 50.832 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044981.D
Acq: 18 Feb 2025 12:42

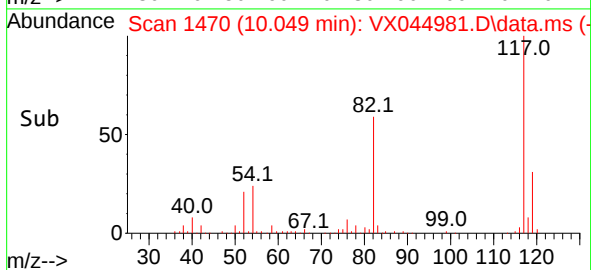
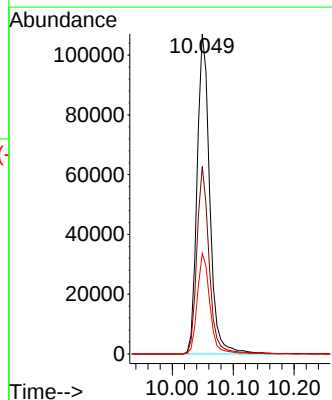
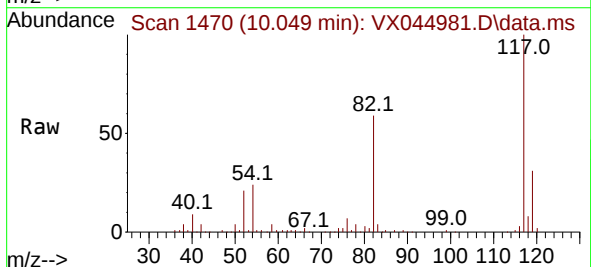
Instrument :
MSVOA_X
ClientSampleId :

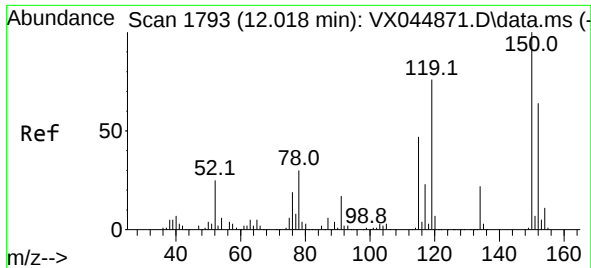
Tgt Ion: 95 Resp: 71549
Ion Ratio Lower Upper
95 100
174 73.8 0.0 142.6
176 71.6 0.0 141.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044981.D
Acq: 18 Feb 2025 12:42

Tgt Ion: 117 Resp: 154210
Ion Ratio Lower Upper
117 100
82 58.6 47.5 71.3
119 31.4 25.4 38.0

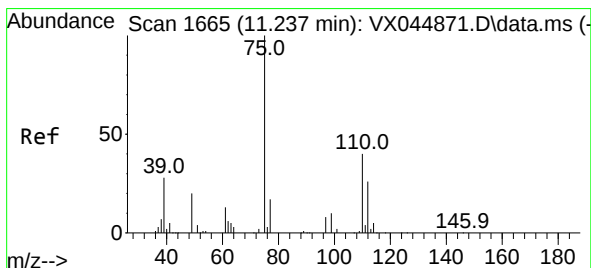
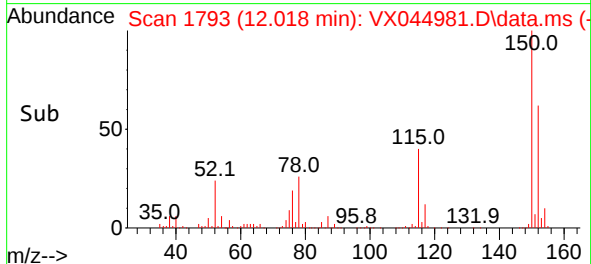
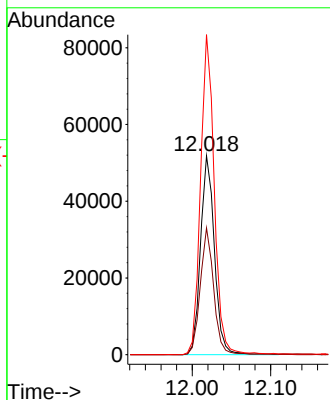
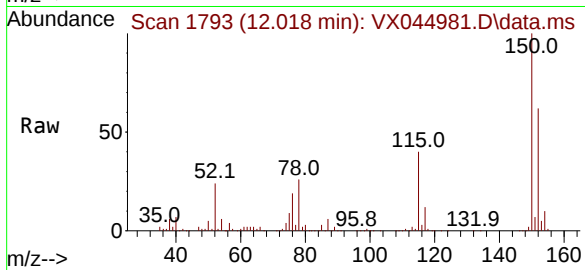




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX044981.D
 Acq: 18 Feb 2025 12:42

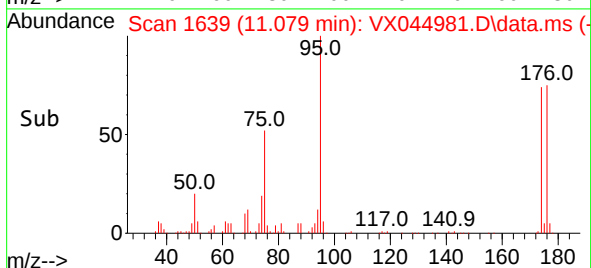
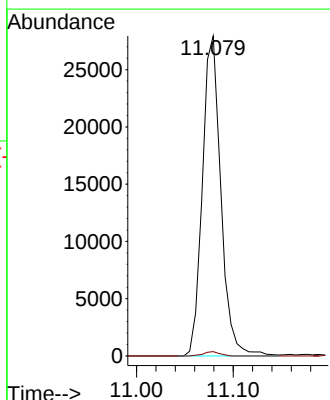
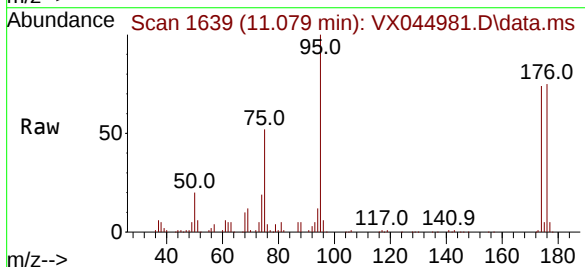
Instrument :
 MSVOA_X
 ClientSampleId :

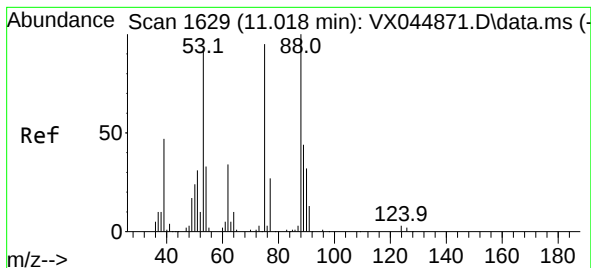
Tgt Ion:152 Resp: 64041
 Ion Ratio Lower Upper
 152 100
 115 61.3 43.4 130.1
 150 158.2 0.0 350.4



#76
 1,2,3-Trichloropropane
 Concen: 26.239 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX044981.D
 Acq: 18 Feb 2025 12:42

Tgt Ion: 75 Resp: 37256
 Ion Ratio Lower Upper
 75 100
 77 1.2 21.9 65.7#

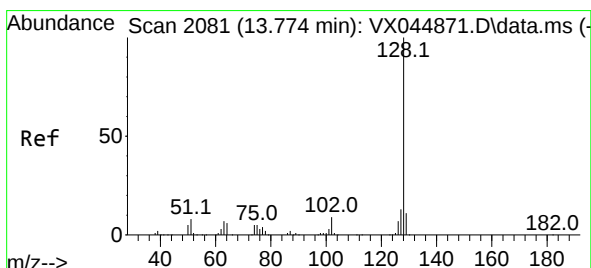
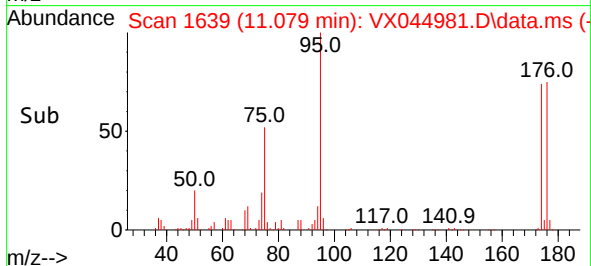
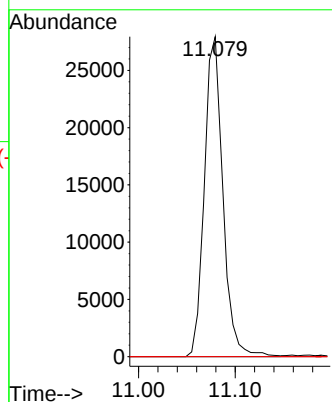
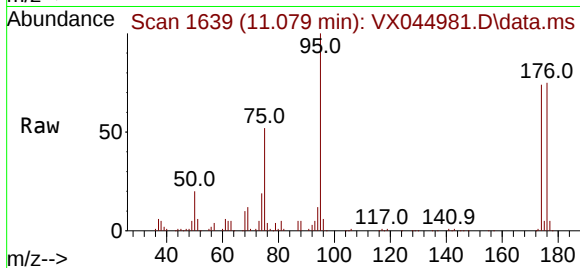




#81
trans-1,4-Dichloro-2-butene
Concen: 67.496 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX044981.D
Acq: 18 Feb 2025 12:42

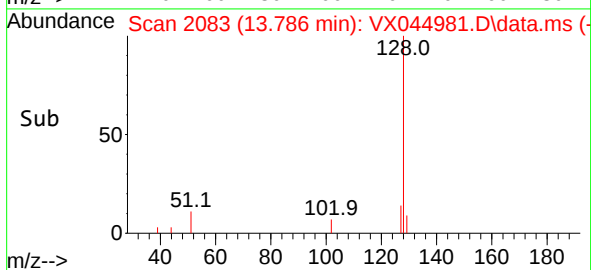
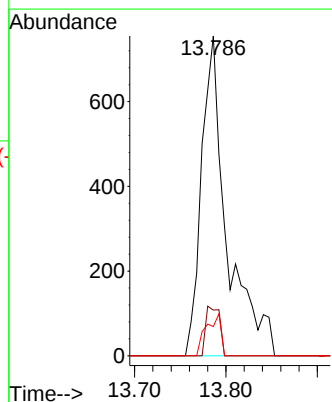
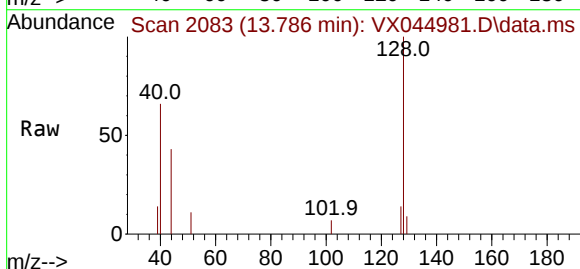
Instrument :
MSVOA_X
ClientSampleId :

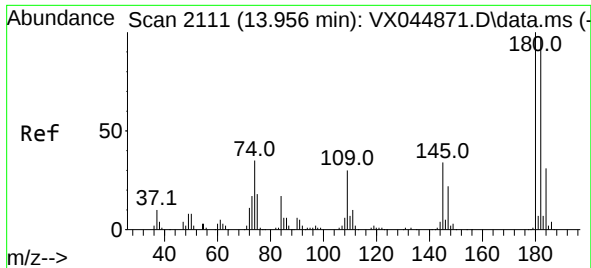
Tgt Ion: 75 Resp: 37256
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 36.6 54.8#



#95
Naphthalene
Concen: 0.317 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.013 min
Lab File: VX044981.D
Acq: 18 Feb 2025 12:42

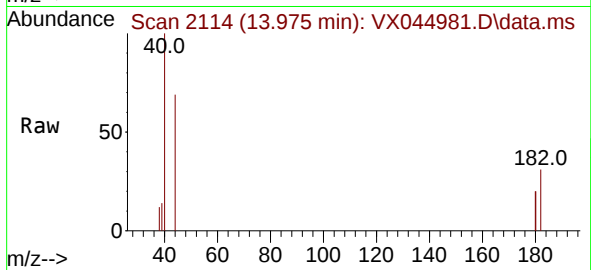
Tgt Ion:128 Resp: 1463
Ion Ratio Lower Upper
128 100
127 8.3 10.1 15.1#
129 7.5 8.9 13.3#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.262 ug/l
 RT: 13.975 min Scan# 21
 Delta R.T. 0.019 min
 Lab File: VX044981.D
 Acq: 18 Feb 2025 12:42

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:180 Resp: 337
 Ion Ratio Lower Upper
 180 100
 182 84.3 47.9 143.6
 145 13.1 17.1 51.3#

