

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021025\
 Data File : VX044881.D
 Acq On : 10 Feb 2025 15:41
 Operator : JC/MD
 Sample : Q1250-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 11 06:06:36 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)

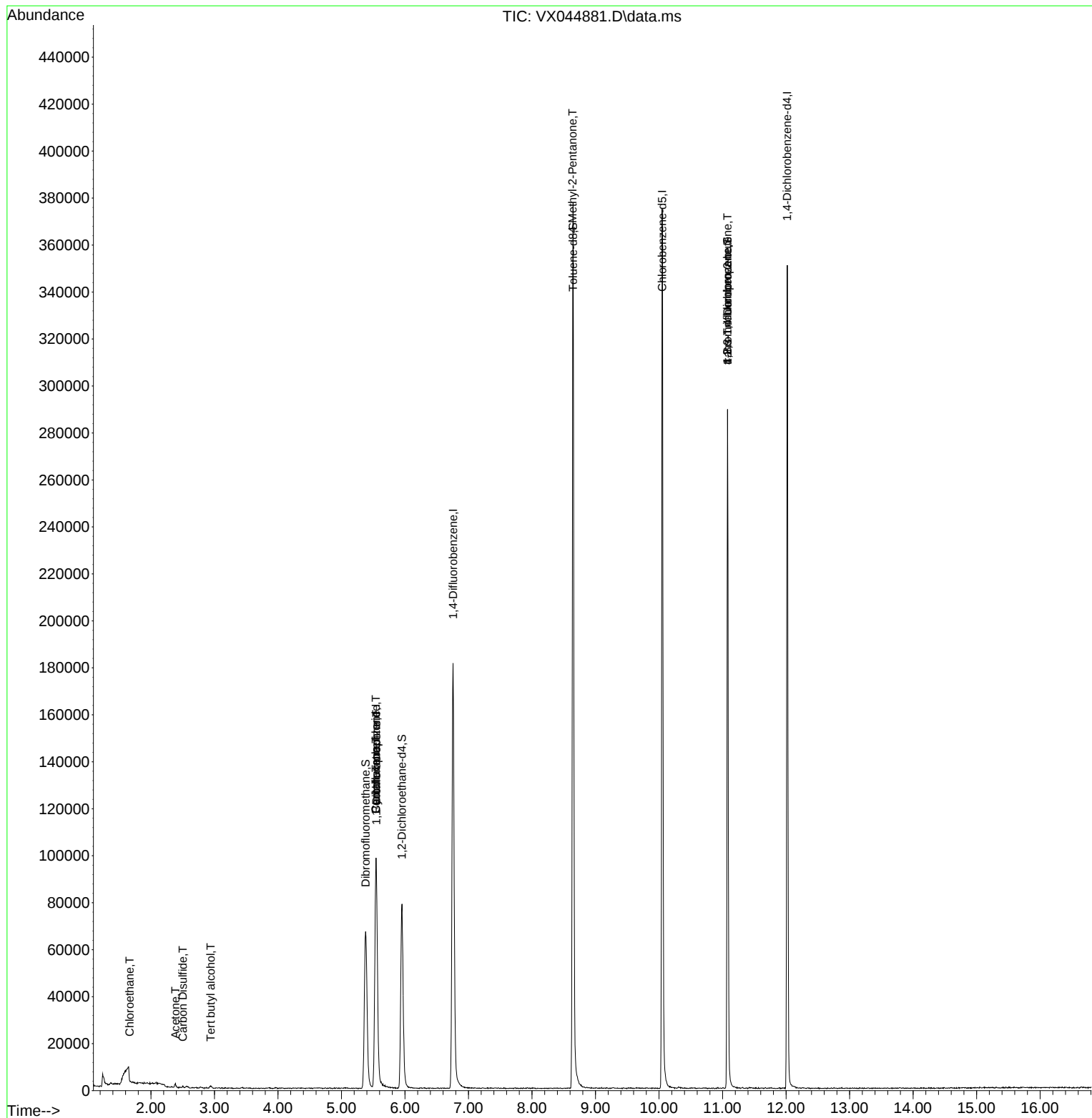
Internal Standards						
1) Pentafluorobenzene	5.544	168	92731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	189692	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	170630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	69234	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71967	53.018	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.040%	
35) Dibromofluoromethane	5.379	113	61025	49.481	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.960%	
50) Toluene-d8	8.647	98	234221	50.223	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.440%	
62) 4-Bromofluorobenzene	11.079	95	79575	50.613	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 101.220%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.666	64	228	1.648	ug/l #	42
11) Tert butyl alcohol	2.940	59	314	1.247	ug/l #	73
16) Acetone	2.386	43	1601	2.934	ug/l	94
17) Carbon Disulfide	2.501	76	922	0.281	ug/l #	93
31) Cyclohexane	5.544	56	2228	1.057	ug/l #	5
36) 1,1-Dichloropropene	5.550	75	8212	4.615	ug/l #	50
38) Carbon Tetrachloride	5.544	117	9951	5.707	ug/l #	16
51) 4-Methyl-2-Pentanone	8.641	43	1128	0.581	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	40211	26.196	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	40211	67.385	ug/l #	11

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

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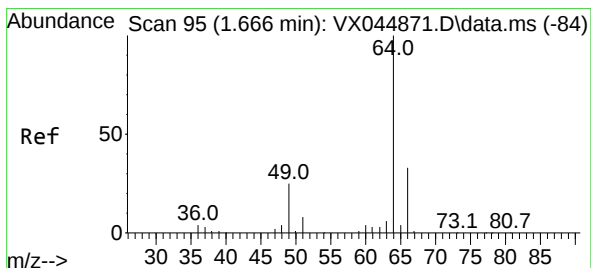
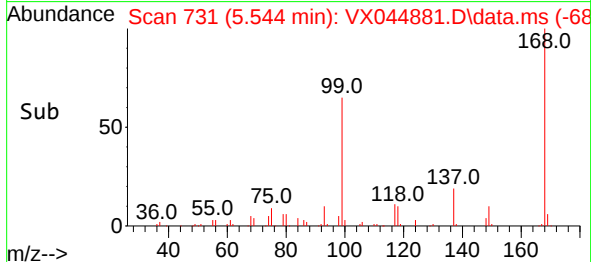
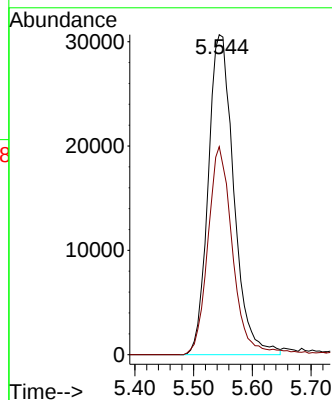
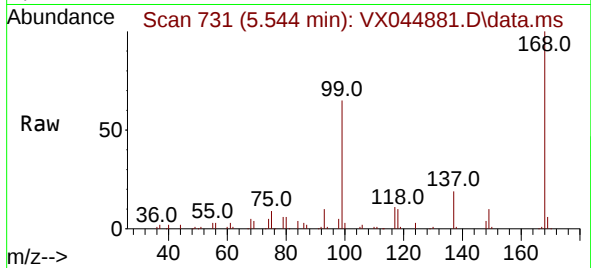




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044881.D
Acq: 10 Feb 2025 15:41

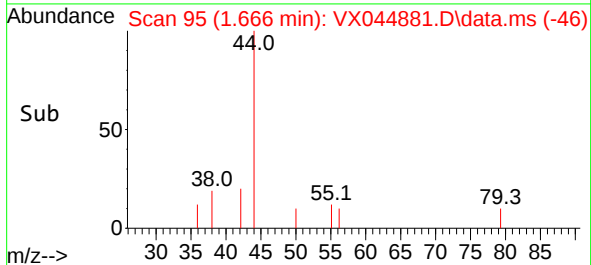
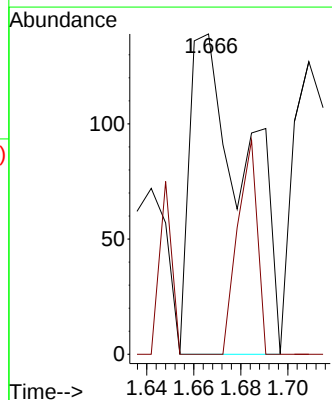
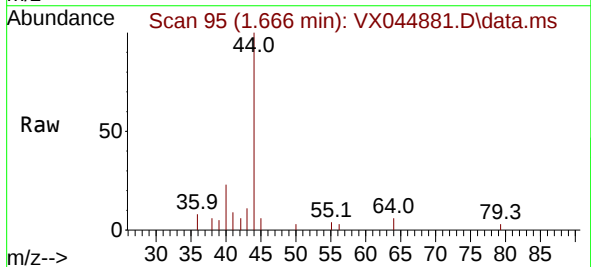
Instrument :
MSVOA_X
ClientSampleId :

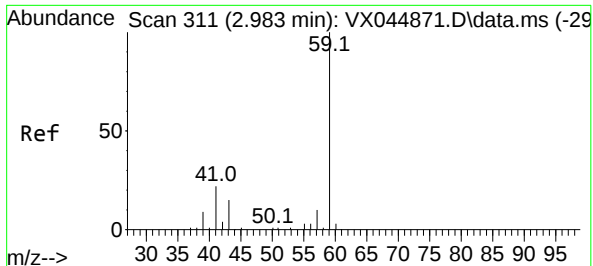
Tgt Ion:168 Resp: 92731
Ion Ratio Lower Upper
168 100
99 65.0 51.2 76.8



#6
Chloroethane
Concen: 1.648 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX044881.D
Acq: 10 Feb 2025 15:41

Tgt Ion: 64 Resp: 228
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#





#11

Tert butyl alcohol

Concen: 1.247 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.042 min

Lab File: VX044881.D

Acq: 10 Feb 2025 15:41

Instrument :

MSVOA_X

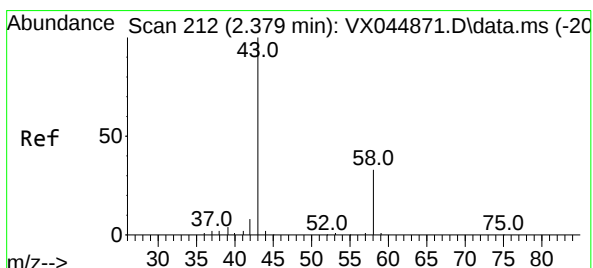
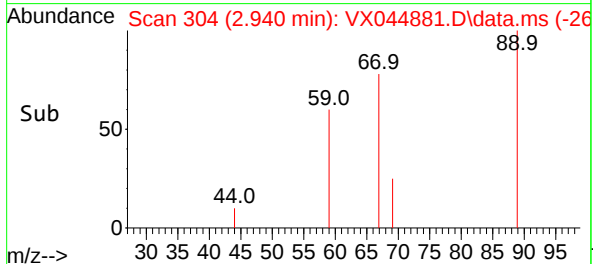
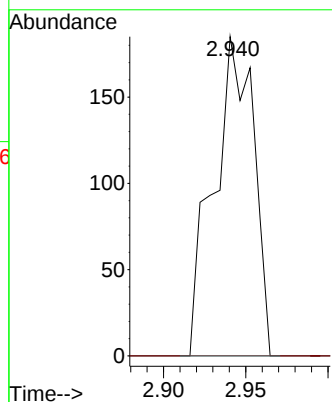
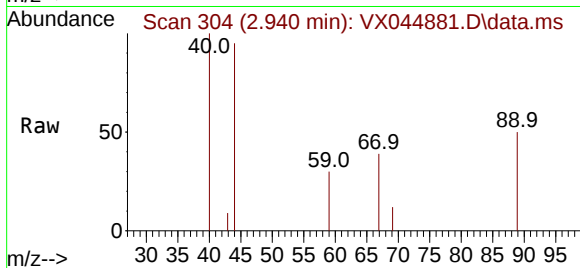
ClientSampleId :

Tgt Ion: 59 Resp: 314

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#16

Acetone

Concen: 2.934 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX044881.D

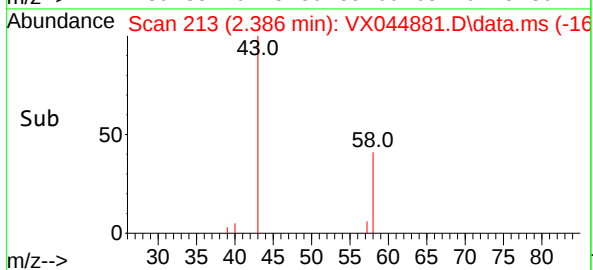
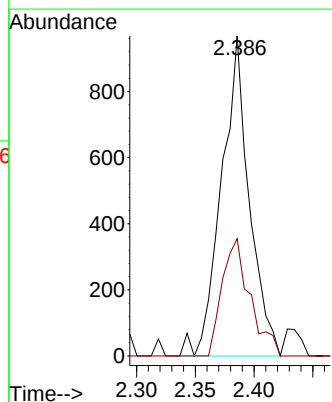
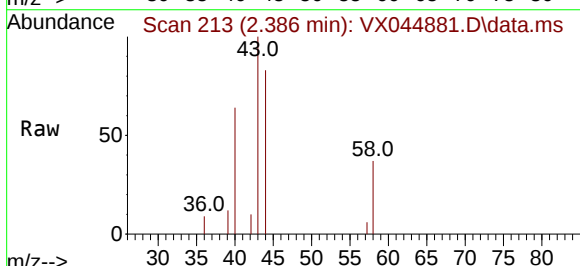
Acq: 10 Feb 2025 15:41

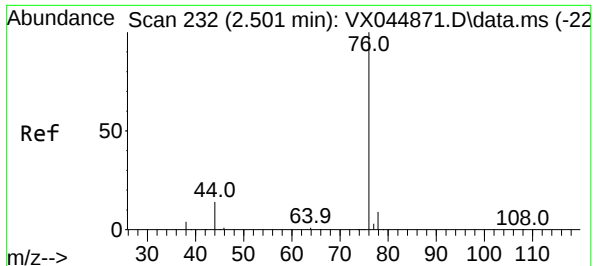
Tgt Ion: 43 Resp: 1601

Ion Ratio Lower Upper

43 100

58 36.7 26.5 39.7

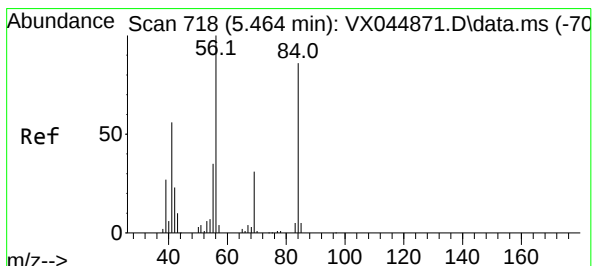
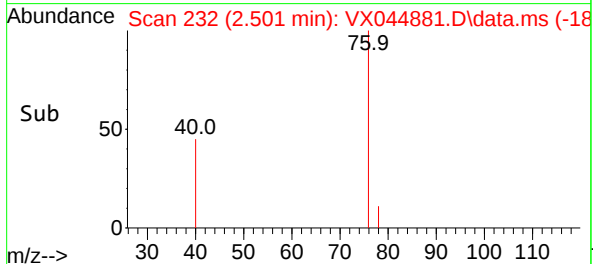
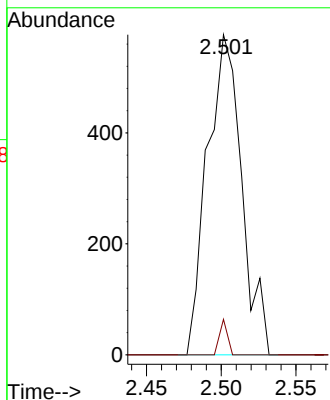
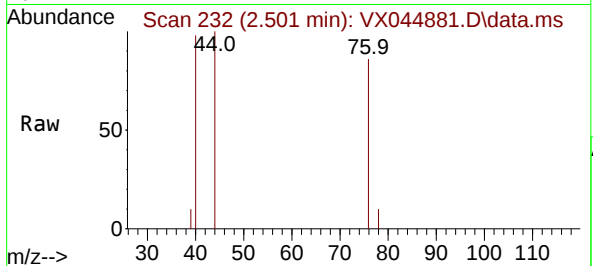




#17
Carbon Disulfide
Concen: 0.281 ug/l
RT: 2.501 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX044881.D
Acq: 10 Feb 2025 15:41

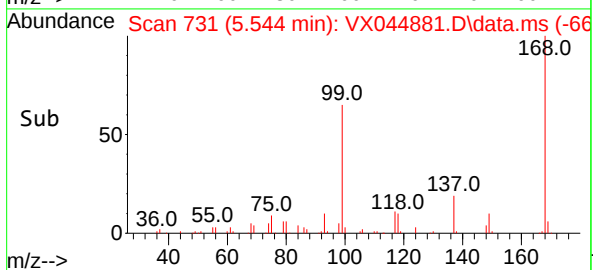
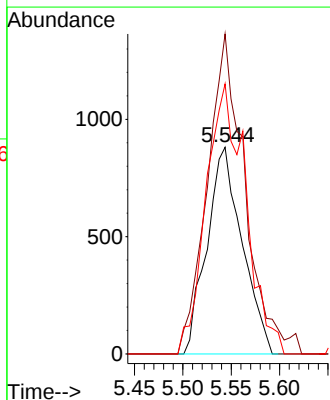
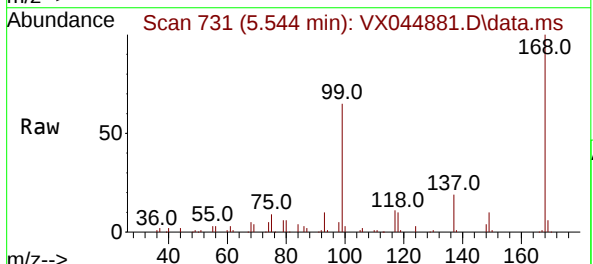
Instrument :
MSVOA_X
ClientSampleId :

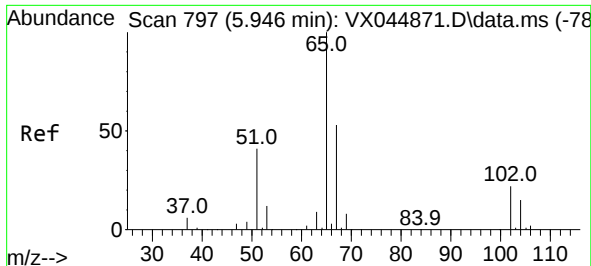
Tgt Ion: 76 Resp: 922
Ion Ratio Lower Upper
76 100
78 11.1 7.0 10.4#



#31
Cyclohexane
Concen: 1.057 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.080 min
Lab File: VX044881.D
Acq: 10 Feb 2025 15:41

Tgt Ion: 56 Resp: 2228
Ion Ratio Lower Upper
56 100
69 154.8 24.4 36.6#
84 130.6 69.0 103.6#

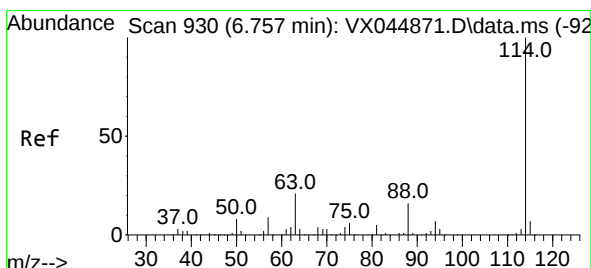
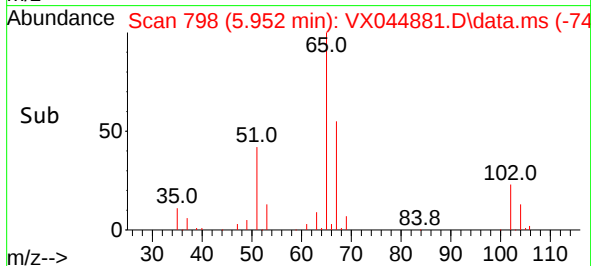
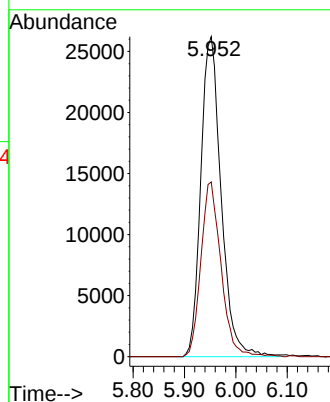
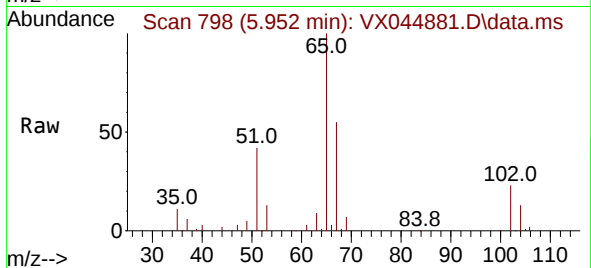




#33
 1,2-Dichloroethane-d4
 Concen: 53.018 ug/l
 RT: 5.952 min Scan# 797
 Delta R.T. 0.006 min
 Lab File: VX044881.D
 Acq: 10 Feb 2025 15:41

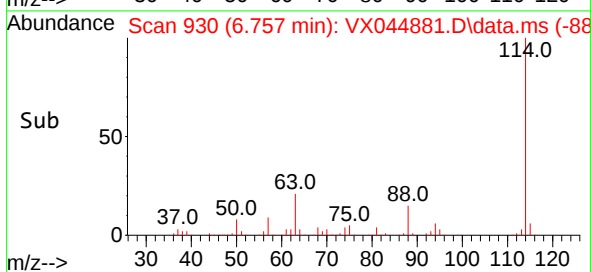
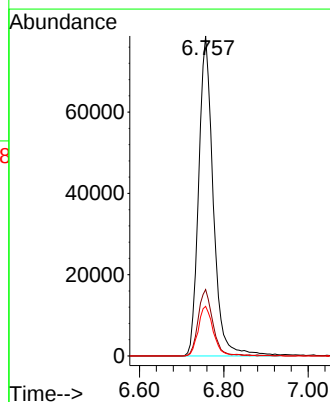
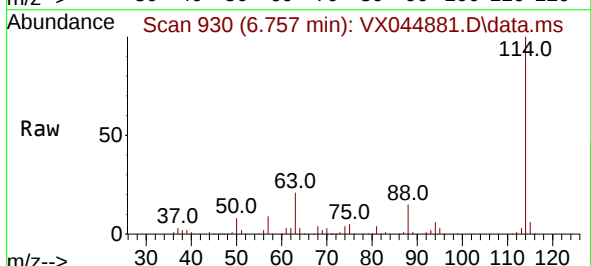
Instrument :
 MSVOA_X
 ClientSampleId :

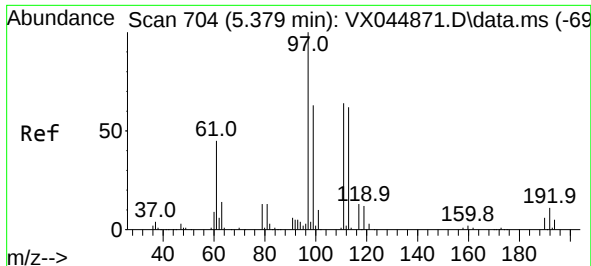
Tgt Ion: 65 Resp: 71967
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX044881.D
 Acq: 10 Feb 2025 15:41

Tgt Ion: 114 Resp: 189692
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.4
 88 15.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.481 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

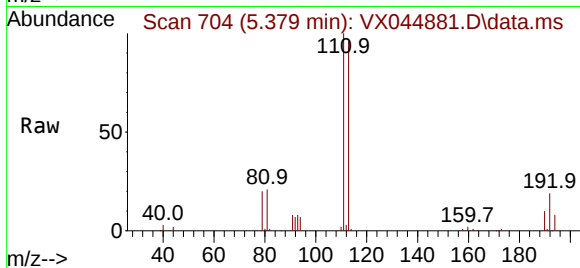
Lab File: VX044881.D

Acq: 10 Feb 2025 15:41

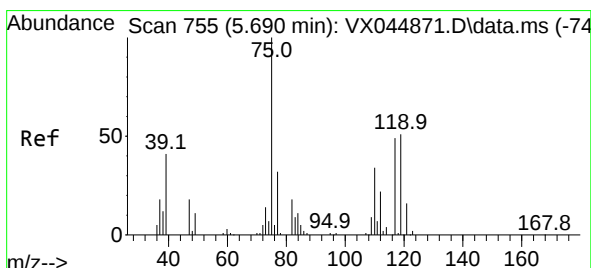
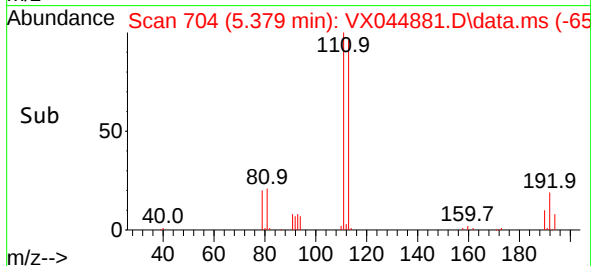
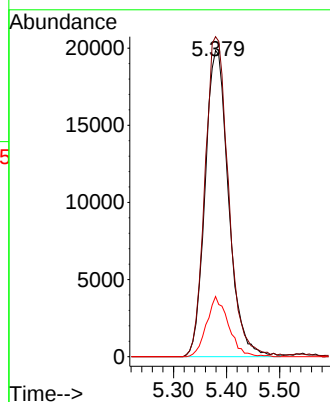
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	113	Resp:	61025
Ion	Ratio	Lower	Upper
113	100		
111	104.7	83.5	125.3
192	18.4	14.4	21.6



#36

1,1-Dichloropropene

Concen: 4.615 ug/l

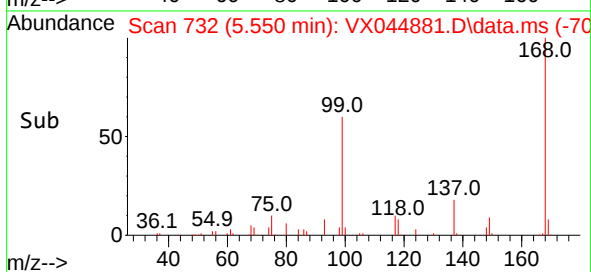
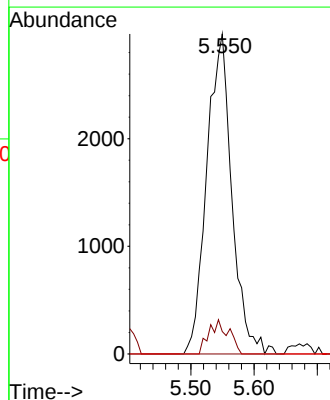
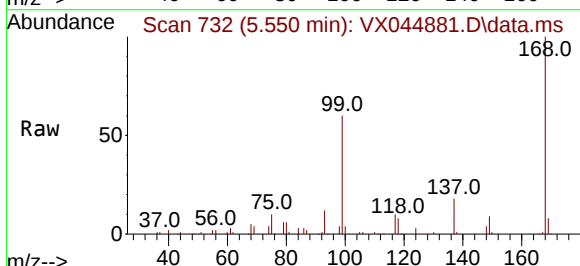
RT: 5.550 min Scan# 732

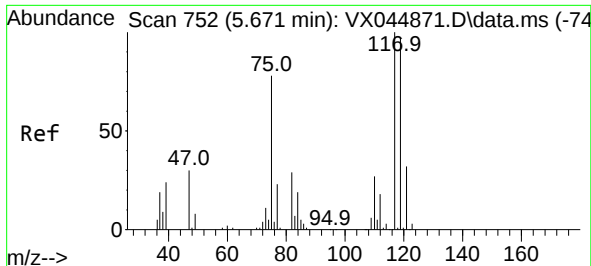
Delta R.T. -0.140 min

Lab File: VX044881.D

Acq: 10 Feb 2025 15:41

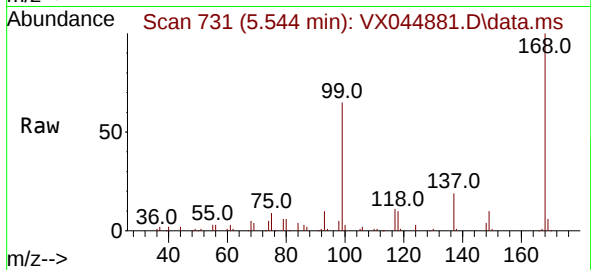
Tgt Ion:	75	Resp:	8212
Ion	Ratio	Lower	Upper
75	100		
110	8.4	17.2	51.6#
77	0.0	24.6	37.0#



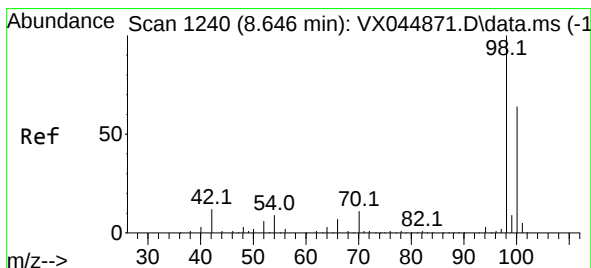
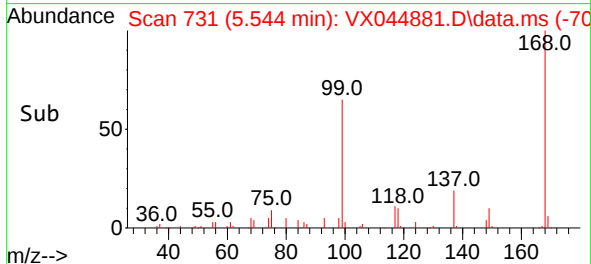
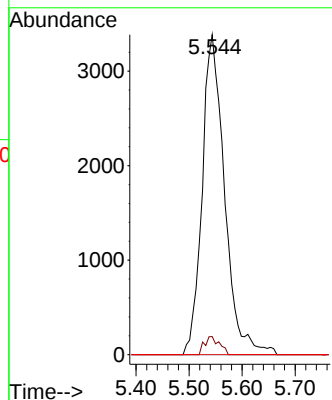


#38
Carbon Tetrachloride
Concen: 5.707 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX044881.D
Acq: 10 Feb 2025 15:41

Instrument :
MSVOA_X
ClientSampleId :

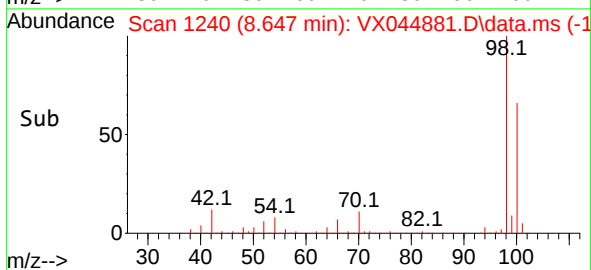
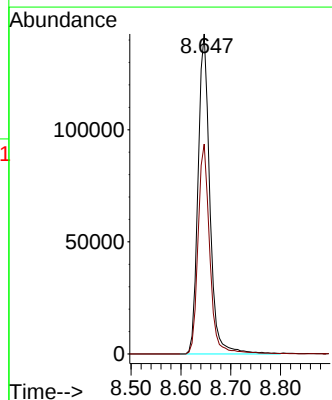
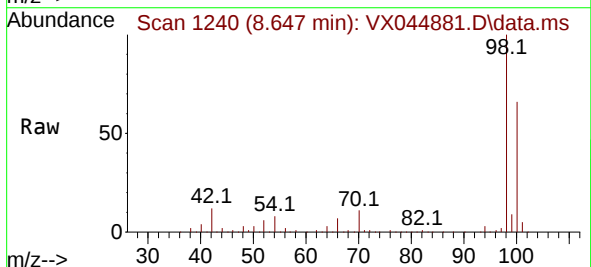


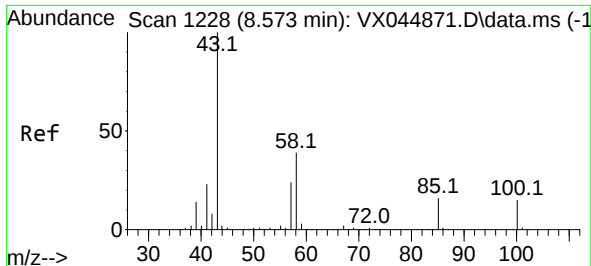
Tgt Ion:117 Resp: 9951
Ion Ratio Lower Upper
117 100
119 5.6 77.5 116.3#
121 0.0 25.6 38.4#



#50
Toluene-d8
Concen: 50.223 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044881.D
Acq: 10 Feb 2025 15:41

Tgt Ion: 98 Resp: 234221
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1

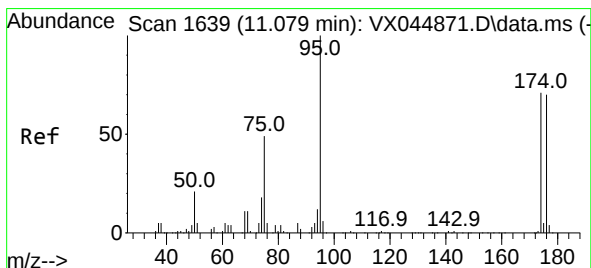
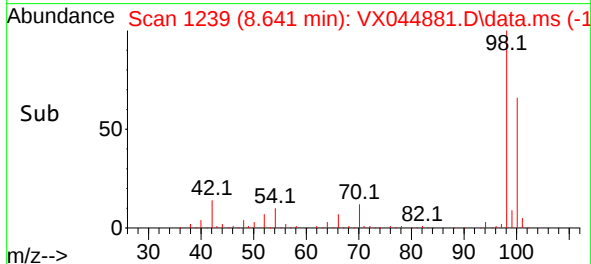
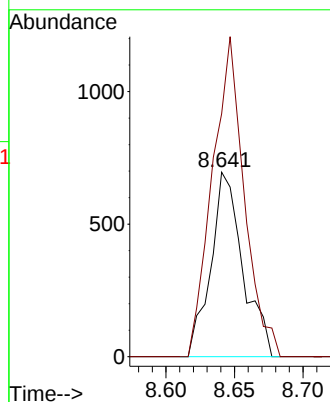
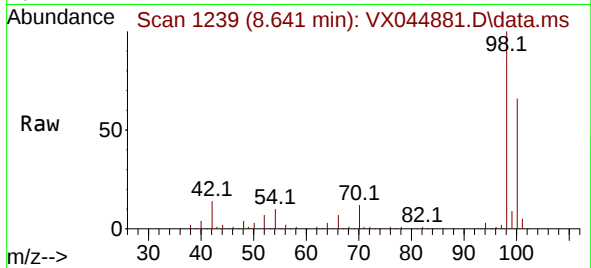




#51
4-Methyl-2-Pentanone
Concen: 0.581 ug/l
RT: 8.641 min Scan# 1128
Delta R.T. 0.067 min
Lab File: VX044881.D
Acq: 10 Feb 2025 15:41

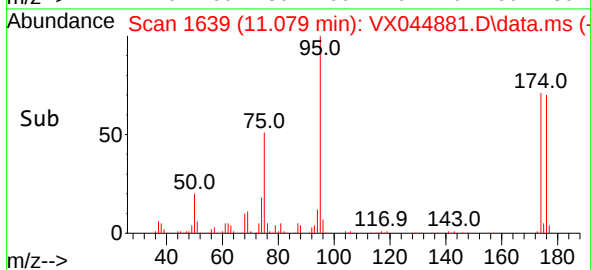
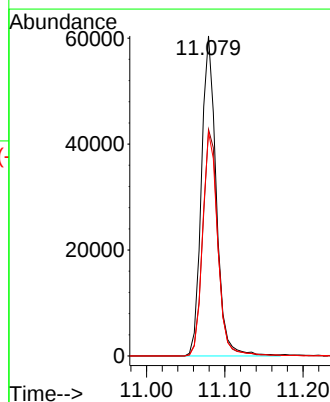
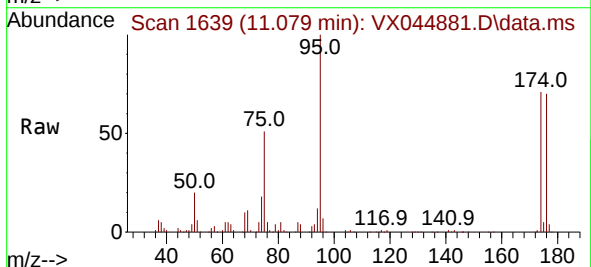
Instrument :
MSVOA_X
ClientSampleId :

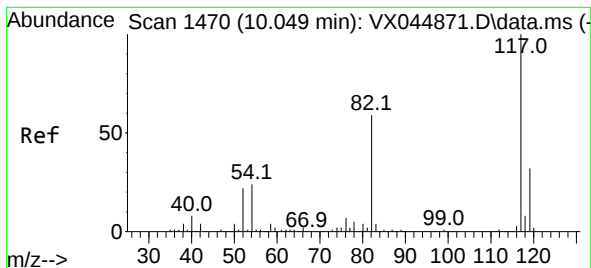
Tgt Ion: 43 Resp: 1128
Ion Ratio Lower Upper
43 100
58 173.3 30.8 46.2#



#62
4-Bromofluorobenzene
Concen: 50.613 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044881.D
Acq: 10 Feb 2025 15:41

Tgt Ion: 95 Resp: 79575
Ion Ratio Lower Upper
95 100
174 72.0 0.0 142.6
176 71.3 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: VX044881.D

Acq: 10 Feb 2025 15:41

Instrument :

MSVOA_X

ClientSampleId :

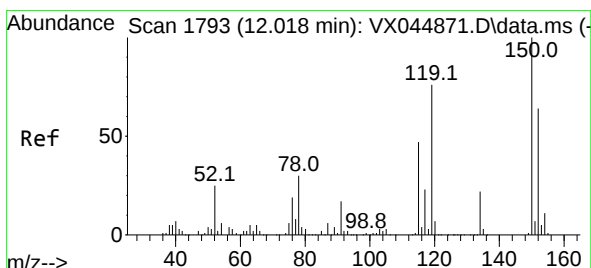
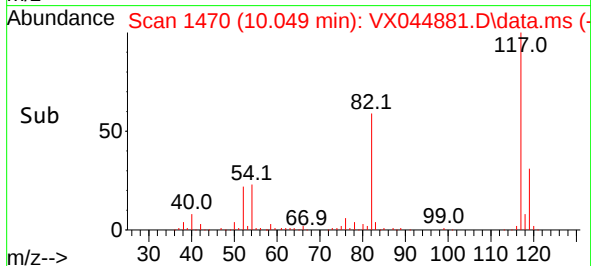
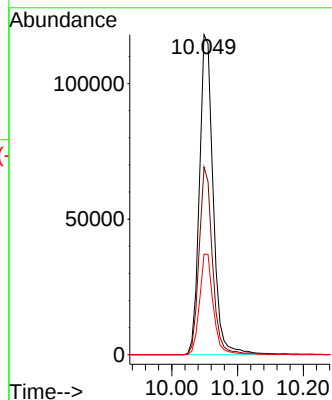
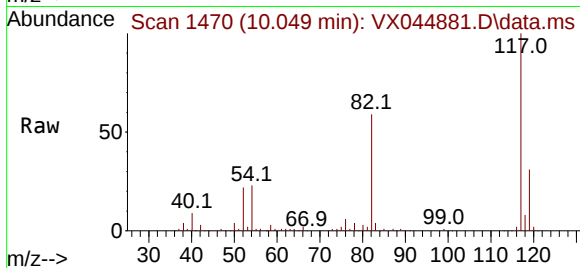
Tgt Ion:117 Resp: 170630

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# 1793

Delta R.T. 0.000 min

Lab File: VX044881.D

Acq: 10 Feb 2025 15:41

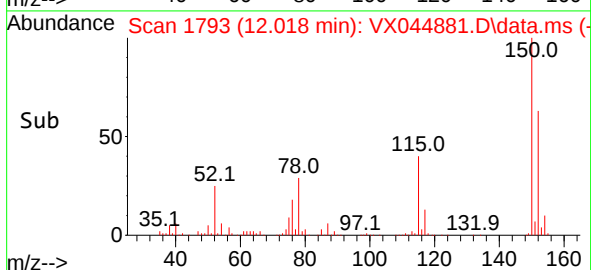
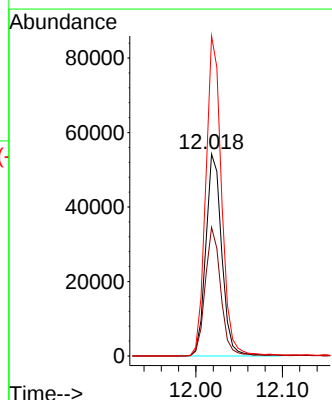
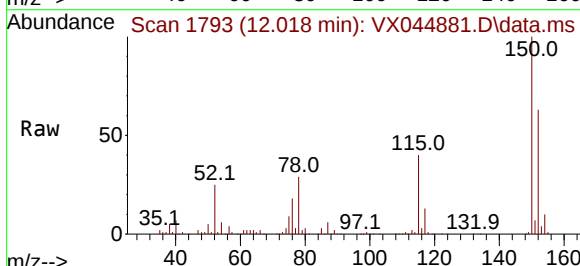
Tgt Ion:152 Resp: 69234

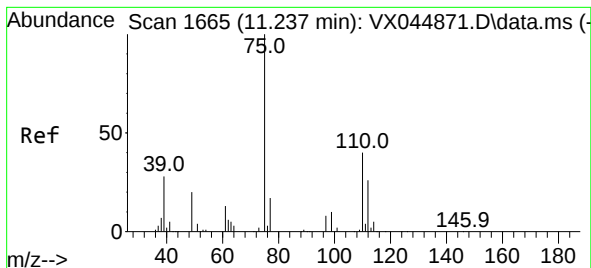
Ion Ratio Lower Upper

152 100

115 62.0 43.4 130.1

150 156.9 0.0 350.4





#76

1,2,3-Trichloropropane

Concen: 26.196 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX044881.D

Acq: 10 Feb 2025 15:41

Instrument :

MSVOA_X

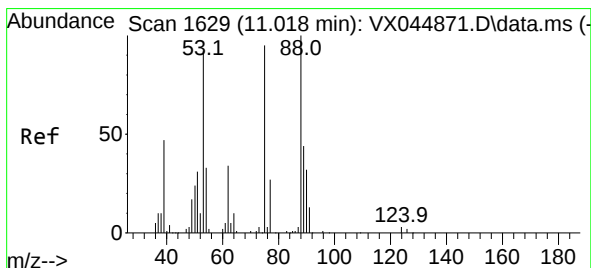
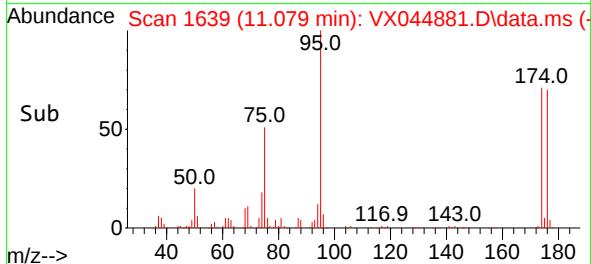
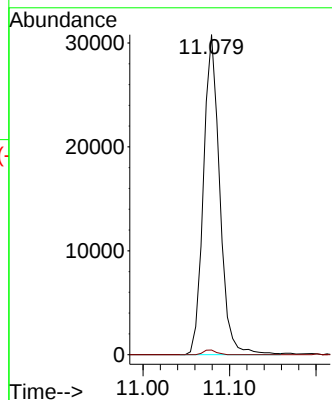
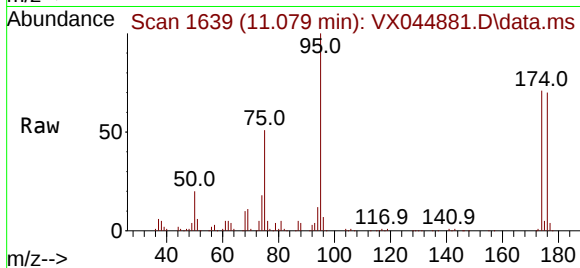
ClientSampleId :

Tgt Ion: 75 Resp: 40211

Ion Ratio Lower Upper

75 100

77 1.2 21.9 65.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 67.385 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX044881.D

Acq: 10 Feb 2025 15:41

Tgt Ion: 75 Resp: 40211

Ion Ratio Lower Upper

75 100

53 0.0 78.0 117.0#

89 0.0 36.6 54.8#

