

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021025\
 Data File : VX044883.D
 Acq On : 10 Feb 2025 16:27
 Operator : JC/MD
 Sample : Q1250-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 11 06:07:22 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)

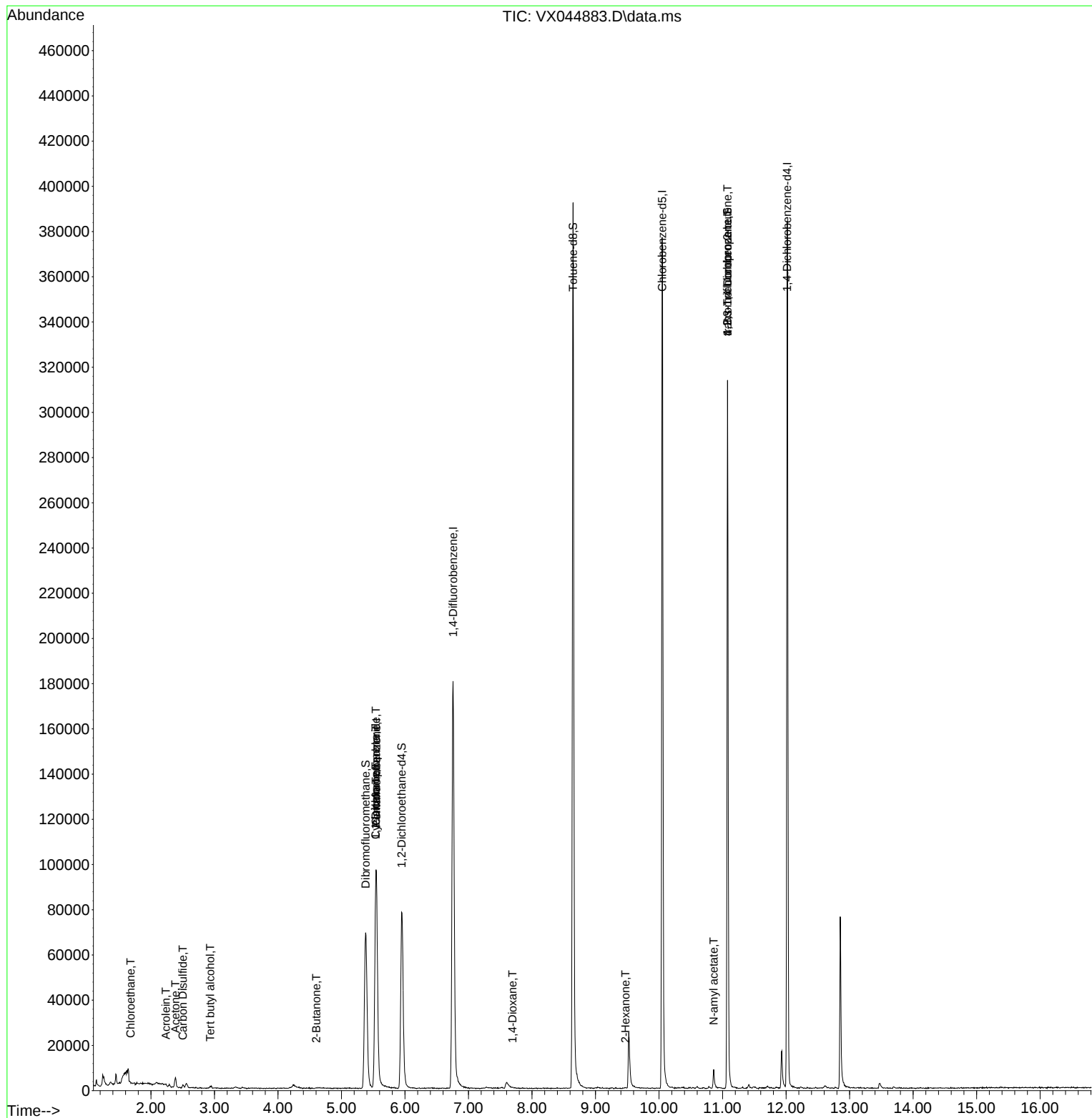
Internal Standards						
1) Pentafluorobenzene	5.550	168	96132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	194678	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	175107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	76744	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	73570	52.281	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.560%	
35) Dibromofluoromethane	5.379	113	62879	49.678	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.360%	
50) Toluene-d8	8.647	98	241572	50.472	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.940%	
62) 4-Bromofluorobenzene	11.079	95	83784	51.925	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.860%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.678	64	266	1.686	ug/l #	42
11) Tert butyl alcohol	2.934	59	325	1.245	ug/l #	73
13) Acrolein	2.233	56	156	0.579	ug/l #	47
16) Acetone	2.385	43	4882	8.630	ug/l	94
17) Carbon Disulfide	2.501	76	1717	0.505	ug/l #	93
25) 2-Butanone	4.605	43	383	0.417	ug/l #	48
31) Cyclohexane	5.537	56	2228	1.020	ug/l #	1
36) 1,1-Dichloropropene	5.537	75	8059	4.413	ug/l #	49
38) Carbon Tetrachloride	5.543	117	10071	5.628	ug/l #	13
49) 1,4-Dioxane	7.689	88	85	2.562	ug/l #	2
59) 2-Hexanone	9.470	43	360	0.251	ug/l #	46
74) N-amyl acetate	10.860	43	1525	0.545	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	43592	25.619	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	43592	65.903	ug/l #	11

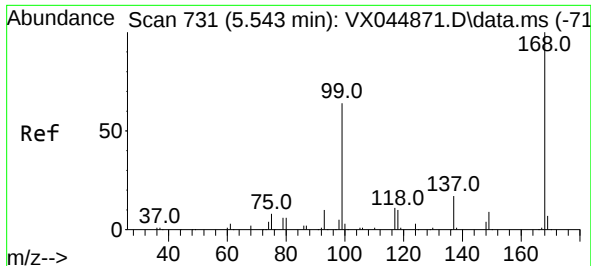
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
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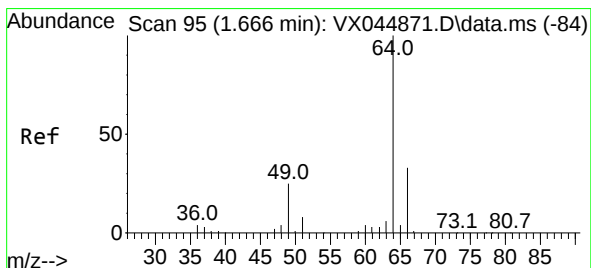
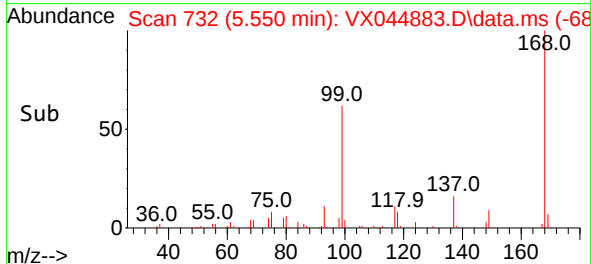
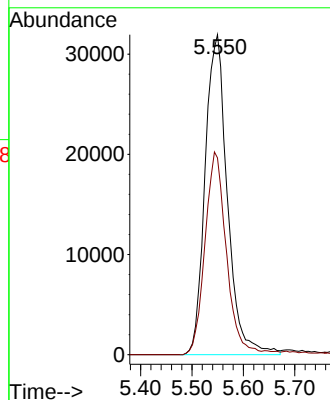
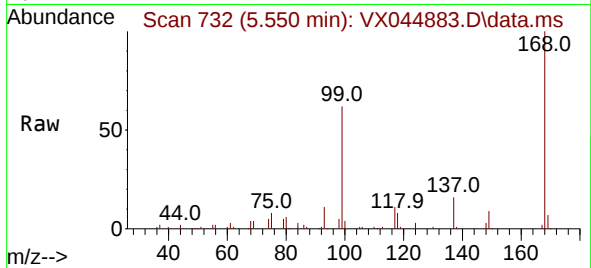




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX044883.D
Acq: 10 Feb 2025 16:27

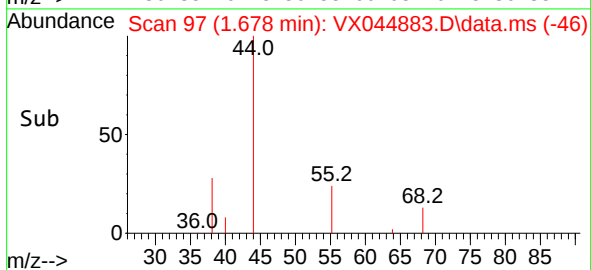
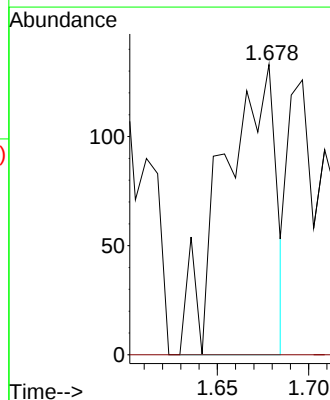
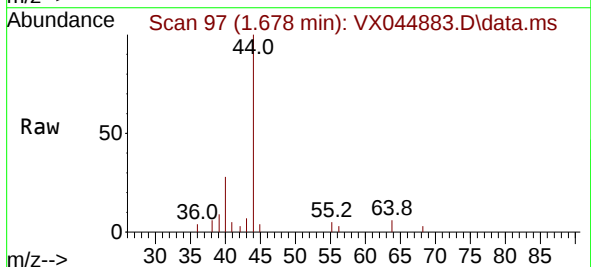
Instrument :
MSVOA_X
ClientSampleId :

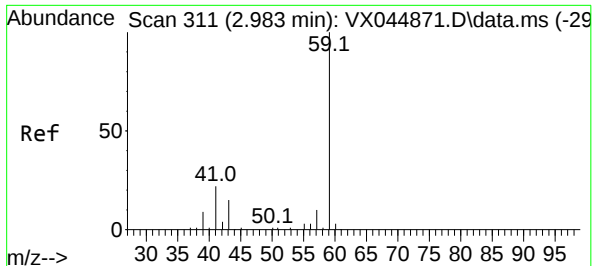
Tgt Ion:168 Resp: 96132
Ion Ratio Lower Upper
168 100
99 61.5 51.2 76.8



#6
Chloroethane
Concen: 1.686 ug/l
RT: 1.678 min Scan# 97
Delta R.T. 0.012 min
Lab File: VX044883.D
Acq: 10 Feb 2025 16:27

Tgt Ion: 64 Resp: 266
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#





#11

Tert butyl alcohol

Concen: 1.245 ug/l

RT: 2.934 min Scan# 30

Delta R.T. -0.049 min

Lab File: VX044883.D

Acq: 10 Feb 2025 16:27

Instrument :

MSVOA_X

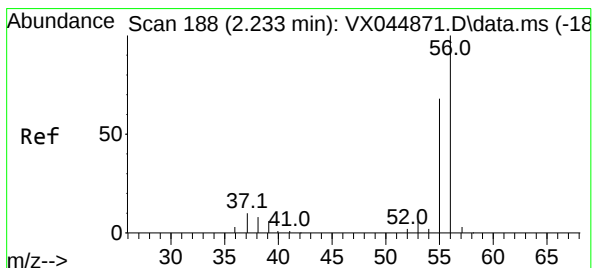
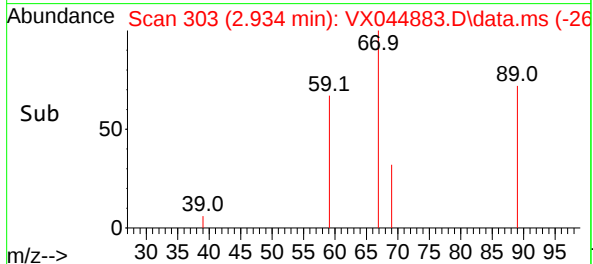
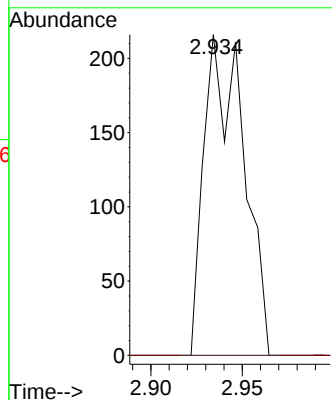
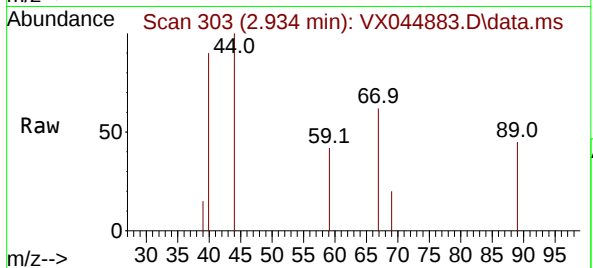
ClientSampleId :

Tgt Ion: 59 Resp: 325

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#13

Acrolein

Concen: 0.579 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX044883.D

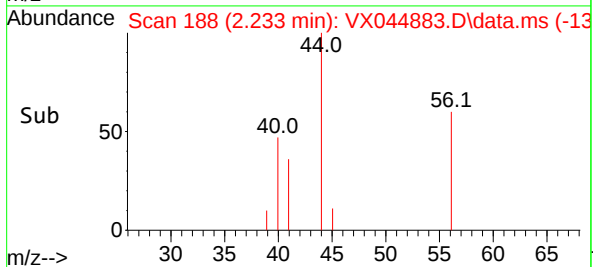
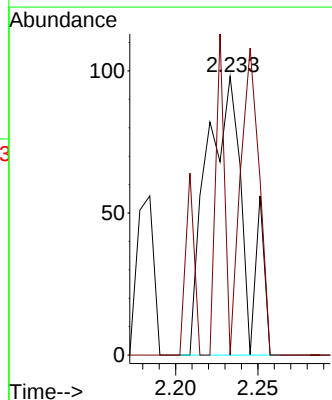
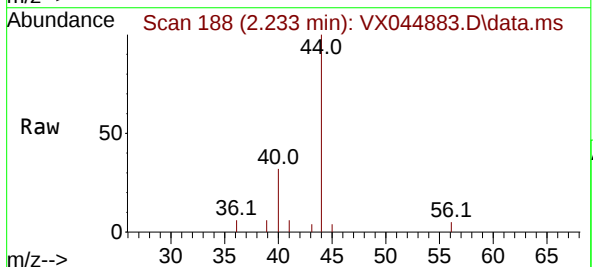
Acq: 10 Feb 2025 16:27

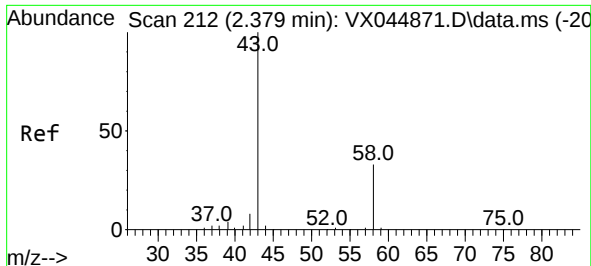
Tgt Ion: 56 Resp: 156

Ion Ratio Lower Upper

56 100

55 26.3 55.7 83.5#

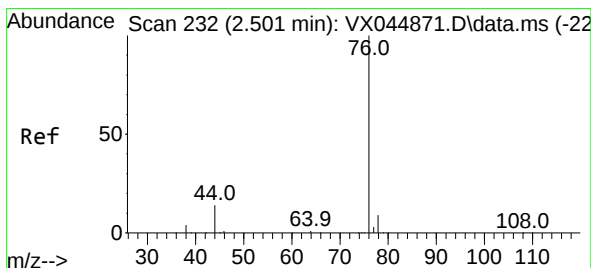
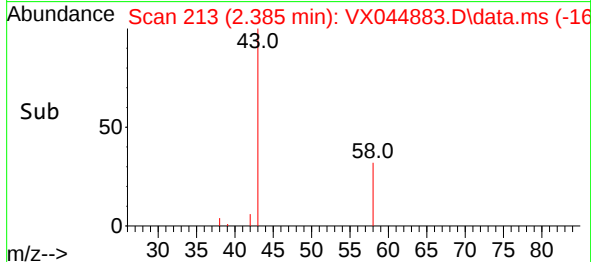
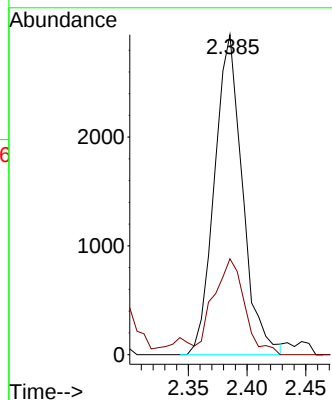
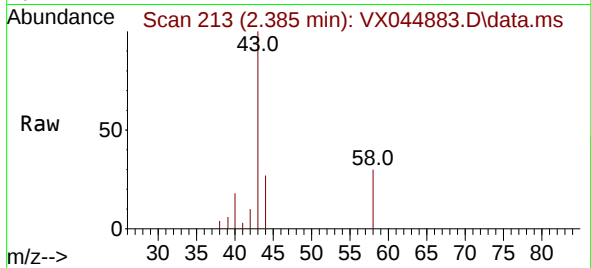




#16
Acetone
Concen: 8.630 ug/l
RT: 2.385 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX044883.D
Acq: 10 Feb 2025 16:27

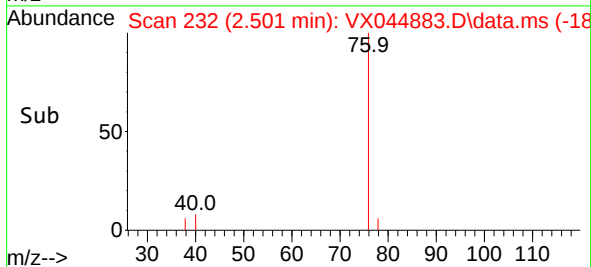
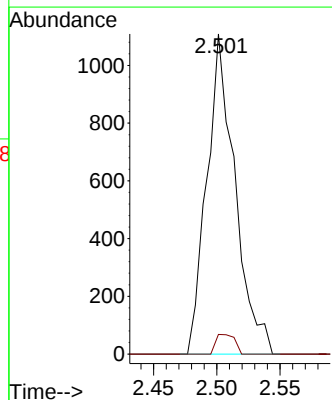
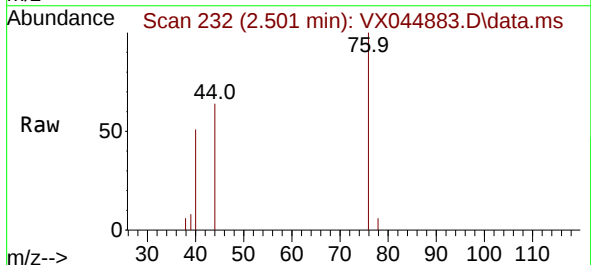
Instrument :
MSVOA_X
ClientSampleId :

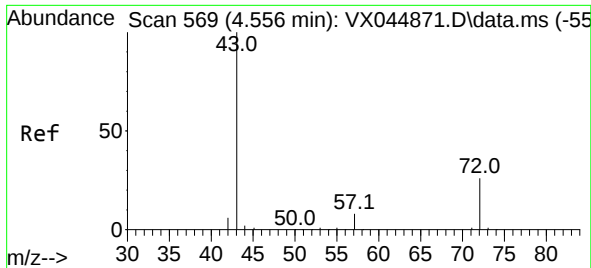
Tgt Ion: 43 Resp: 4882
Ion Ratio Lower Upper
43 100
58 30.0 26.5 39.7



#17
Carbon Disulfide
Concen: 0.505 ug/l
RT: 2.501 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX044883.D
Acq: 10 Feb 2025 16:27

Tgt Ion: 76 Resp: 1717
Ion Ratio Lower Upper
76 100
78 6.1 7.0 10.4#

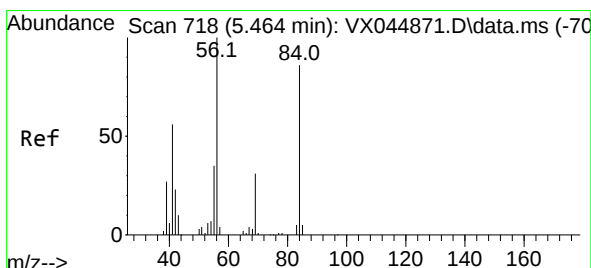
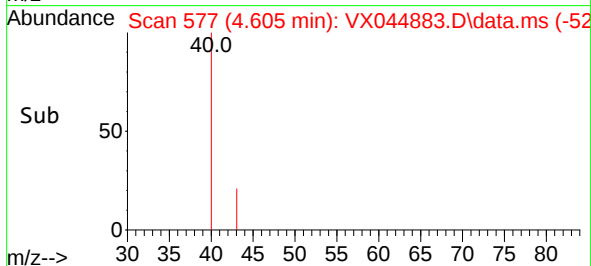
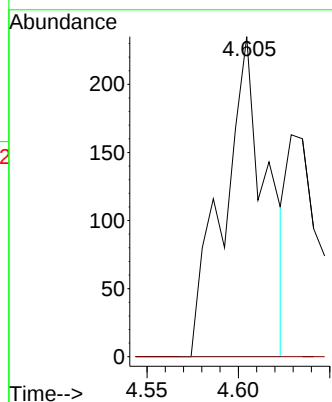
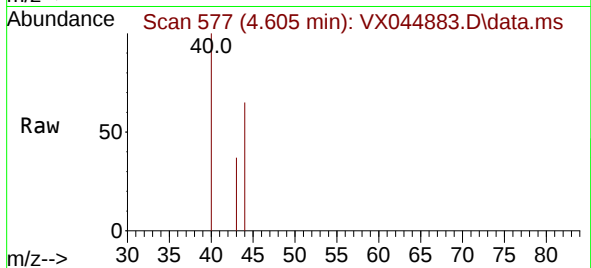




#25
2-Butanone
Concen: 0.417 ug/l
RT: 4.605 min Scan# 51
Delta R.T. 0.049 min
Lab File: VX044883.D
Acq: 10 Feb 2025 16:27

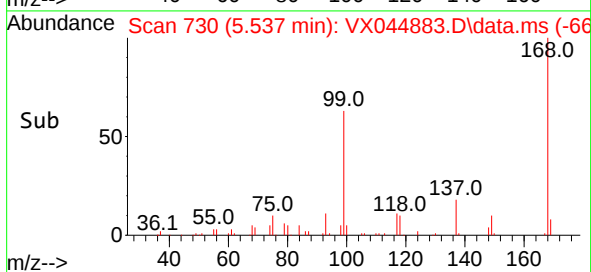
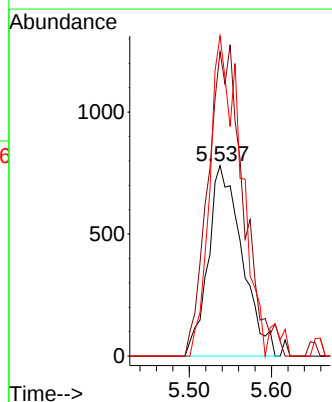
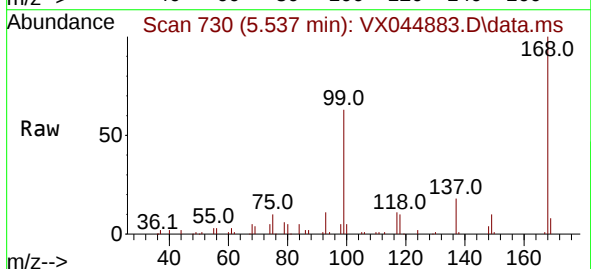
Instrument :
MSVOA_X
ClientSampleId :

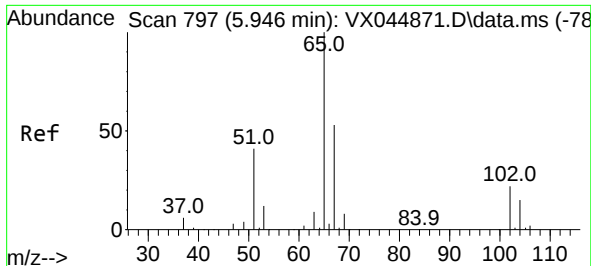
Tgt Ion: 43 Resp: 383
Ion Ratio Lower Upper
43 100
72 0.0 21.2 31.8#



#31
Cyclohexane
Concen: 1.020 ug/l
RT: 5.537 min Scan# 730
Delta R.T. 0.073 min
Lab File: VX044883.D
Acq: 10 Feb 2025 16:27

Tgt Ion: 56 Resp: 2228
Ion Ratio Lower Upper
56 100
69 159.9 24.4 36.6#
84 168.2 69.0 103.6#





#33

1,2-Dichloroethane-d4

Concen: 52.281 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.000 min

Lab File: VX044883.D

Acq: 10 Feb 2025 16:27

Instrument :

MSVOA_X

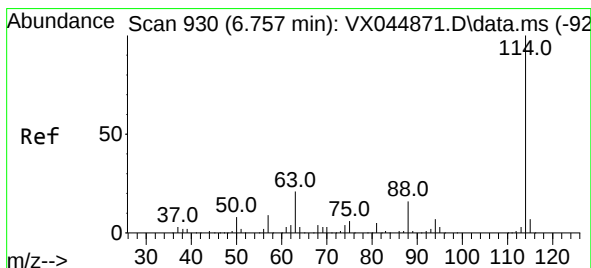
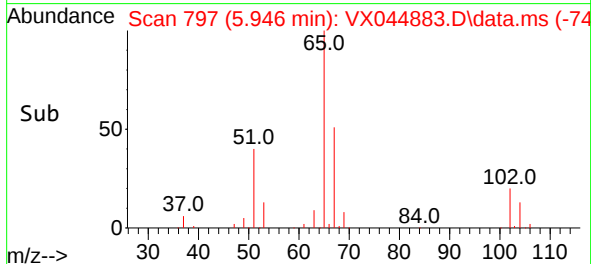
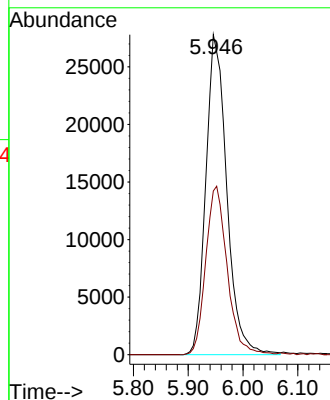
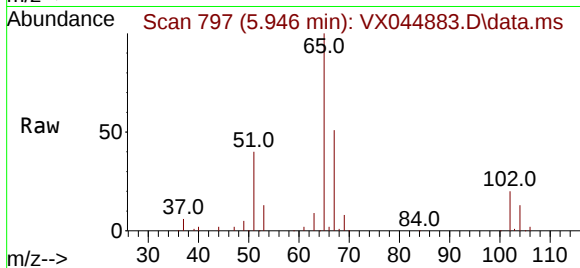
ClientSampleId :

Tgt Ion: 65 Resp: 73570

Ion Ratio Lower Upper

65 100

67 54.0 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: VX044883.D

Acq: 10 Feb 2025 16:27

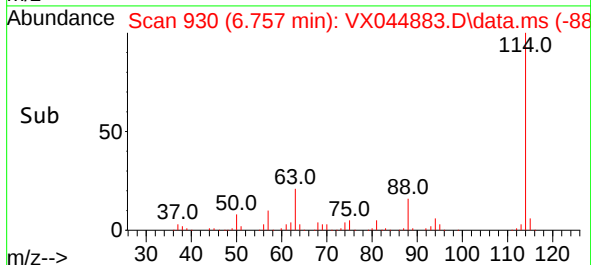
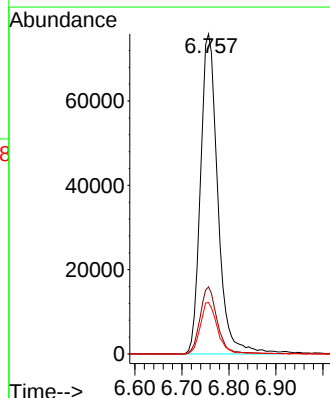
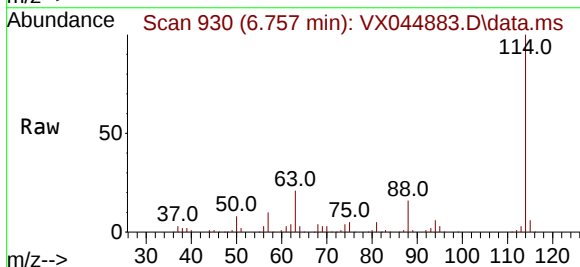
Tgt Ion: 114 Resp: 194678

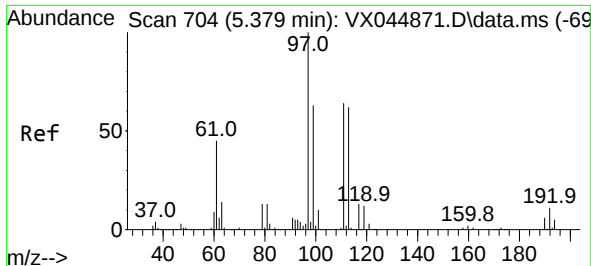
Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.4

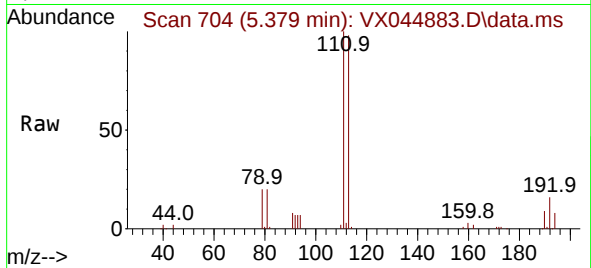
88 16.1 0.0 31.4



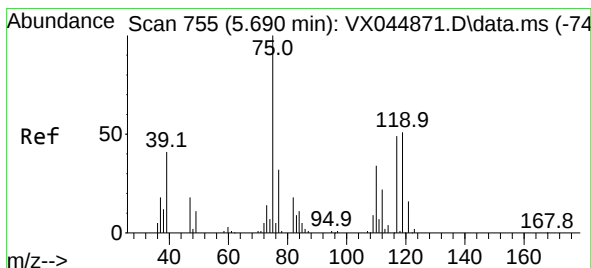
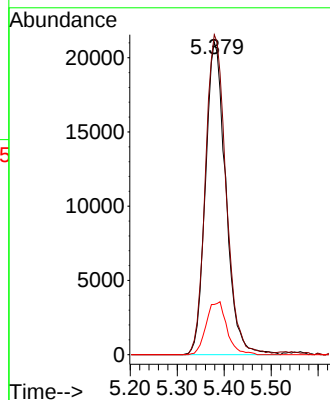
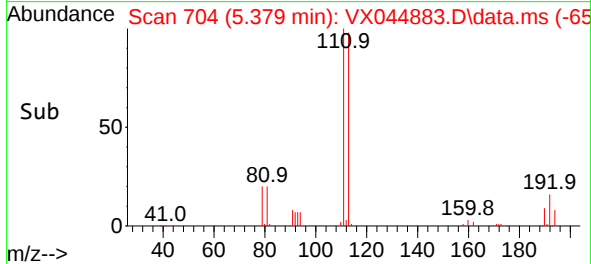


#35
Dibromofluoromethane
Concen: 49.678 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044883.D
Acq: 10 Feb 2025 16:27

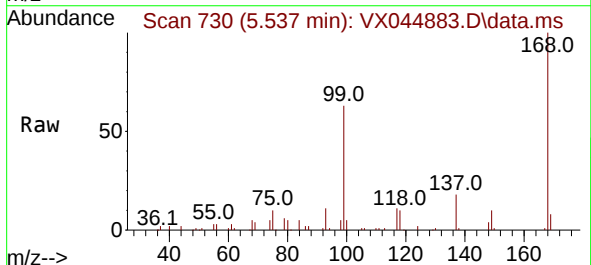
Instrument :
MSVOA_X
ClientSampleId :



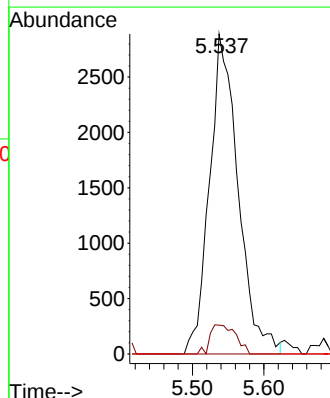
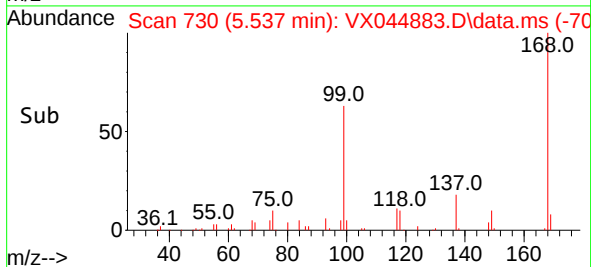
Tgt Ion:113 Resp: 62879
Ion Ratio Lower Upper
113 100
111 104.4 83.5 125.3
192 17.3 14.4 21.6

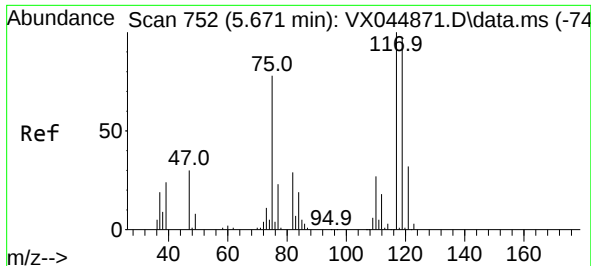


#36
1,1-Dichloropropene
Concen: 4.413 ug/l
RT: 5.537 min Scan# 730
Delta R.T. -0.152 min
Lab File: VX044883.D
Acq: 10 Feb 2025 16:27



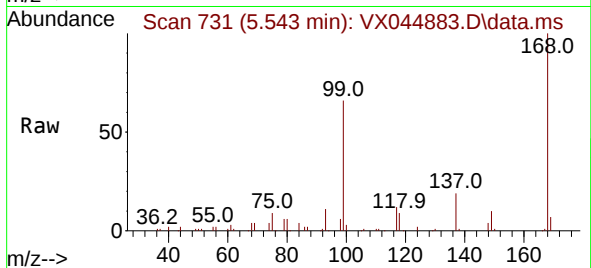
Tgt Ion: 75 Resp: 8059
Ion Ratio Lower Upper
75 100
110 8.1 17.2 51.6#
77 0.0 24.6 37.0#



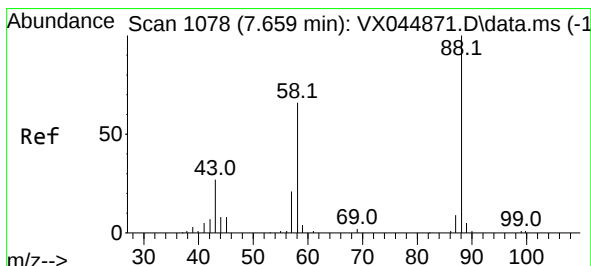
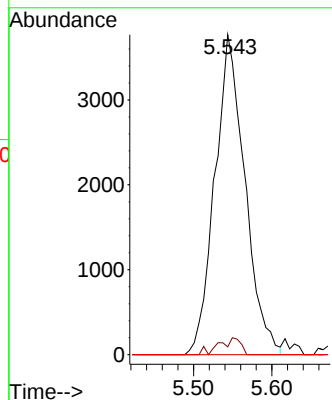
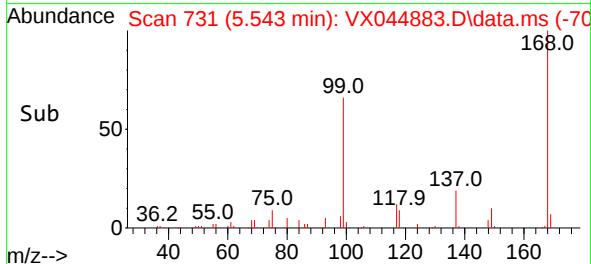


#38
Carbon Tetrachloride
Concen: 5.628 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX044883.D
Acq: 10 Feb 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :

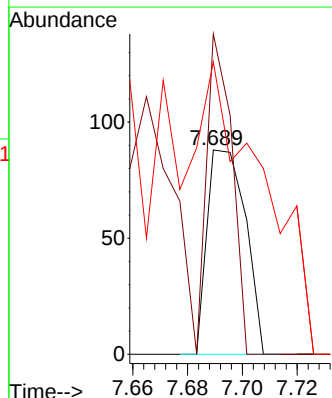
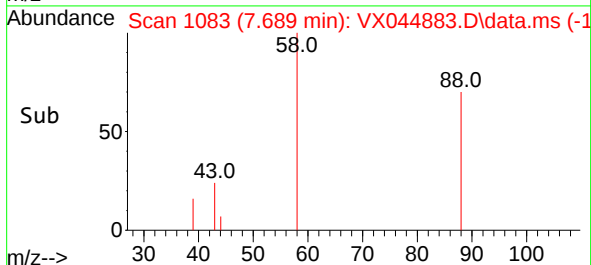
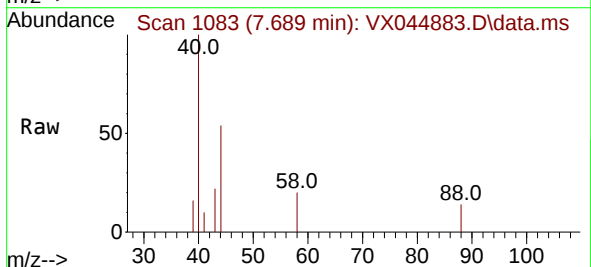


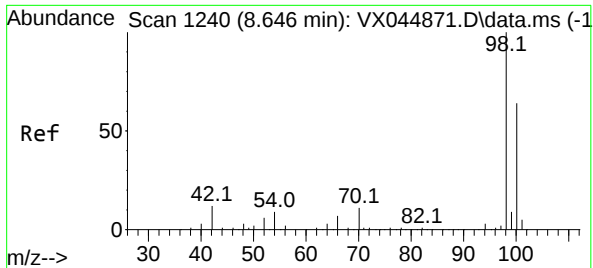
Tgt Ion:117 Resp: 10071
Ion Ratio Lower Upper
117 100
119 2.4 77.5 116.3#
121 0.0 25.6 38.4#



#49
1,4-Dioxane
Concen: 2.562 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. 0.031 min
Lab File: VX044883.D
Acq: 10 Feb 2025 16:27

Tgt Ion: 88 Resp: 85
Ion Ratio Lower Upper
88 100
43 103.5 26.6 39.8#
58 0.0 55.9 83.9#

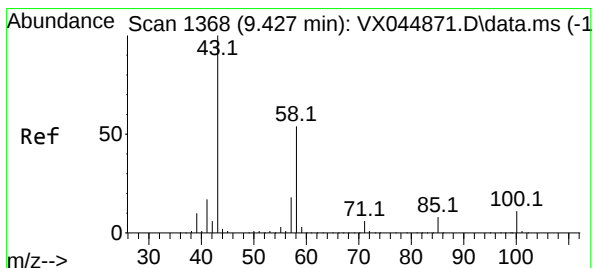
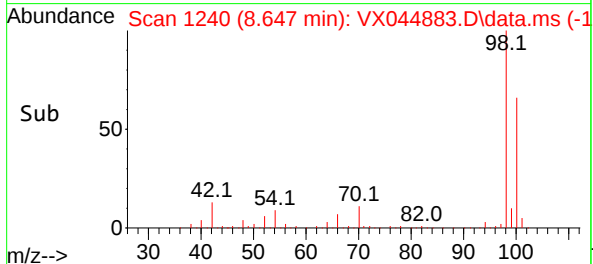
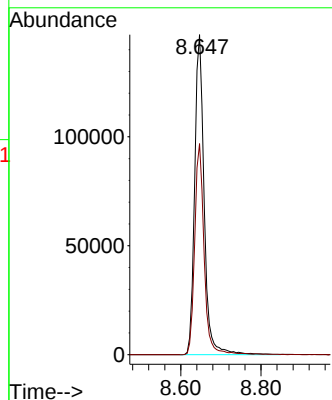
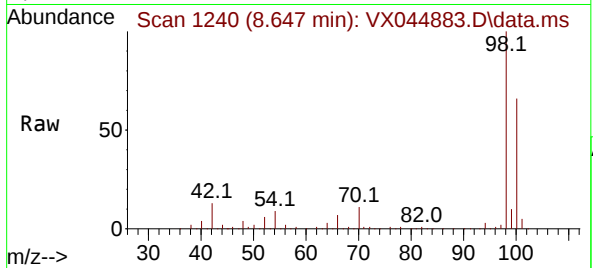




#50
Toluene-d8
Concen: 50.472 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044883.D
Acq: 10 Feb 2025 16:27

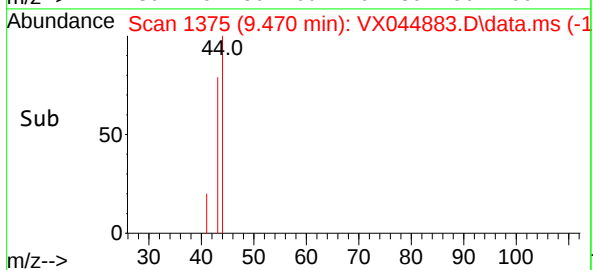
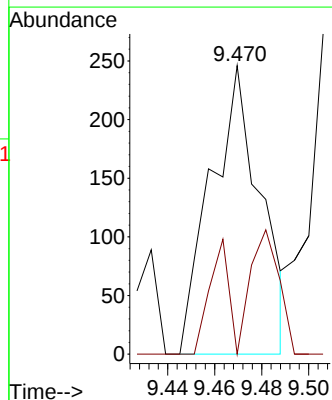
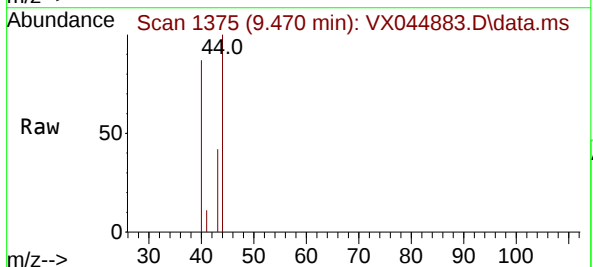
Instrument :
MSVOA_X
ClientSampleId :

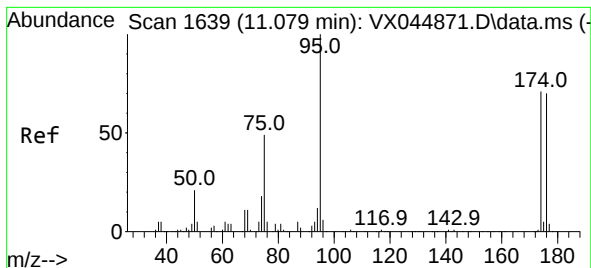
Tgt Ion: 98 Resp: 241572
Ion Ratio Lower Upper
98 100
100 65.2 52.7 79.1



#59
2-Hexanone
Concen: 0.251 ug/l
RT: 9.470 min Scan# 1375
Delta R.T. 0.043 min
Lab File: VX044883.D
Acq: 10 Feb 2025 16:27

Tgt Ion: 43 Resp: 360
Ion Ratio Lower Upper
43 100
58 15.6 27.5 82.4#

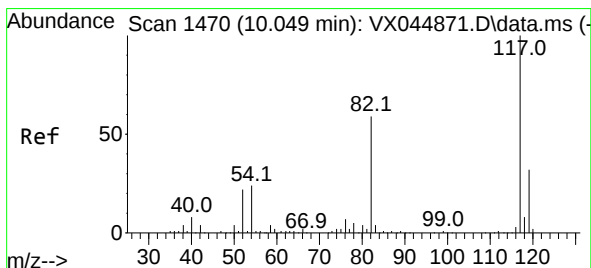
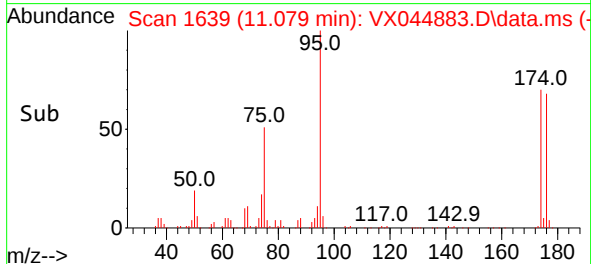
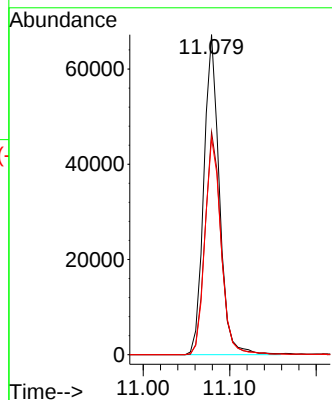
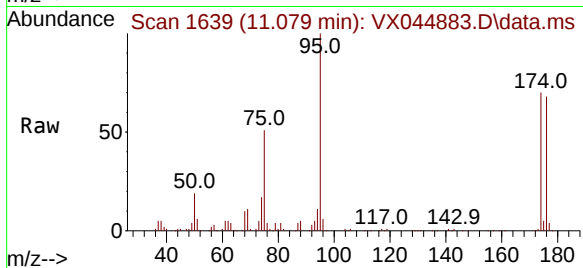




#62
4-Bromofluorobenzene
Concen: 51.925 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044883.D
Acq: 10 Feb 2025 16:27

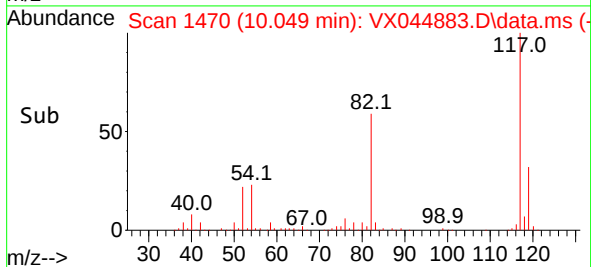
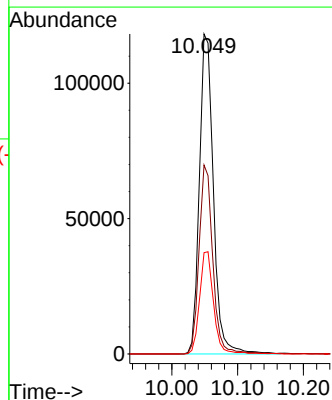
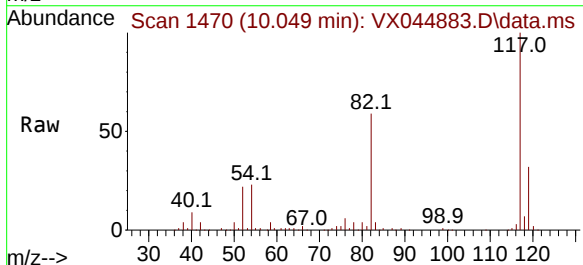
Instrument :
MSVOA_X
ClientSampleId :

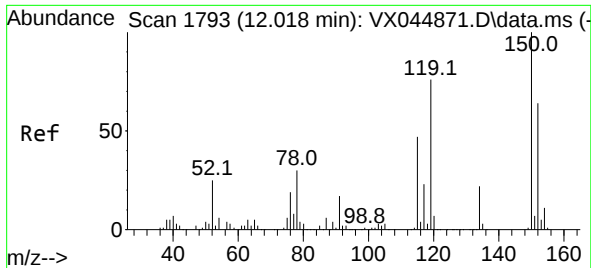
Tgt Ion: 95 Resp: 83784
Ion Ratio Lower Upper
95 100
174 71.6 0.0 142.6
176 70.5 0.0 141.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044883.D
Acq: 10 Feb 2025 16:27

Tgt Ion: 117 Resp: 175107
Ion Ratio Lower Upper
117 100
82 59.1 47.5 71.3
119 31.6 25.4 38.0

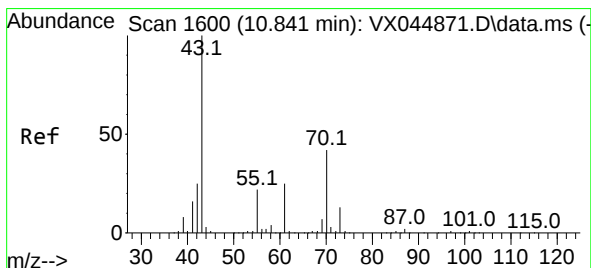
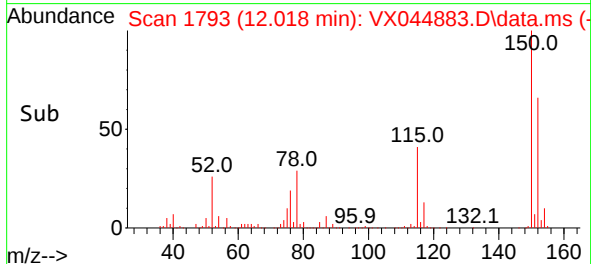
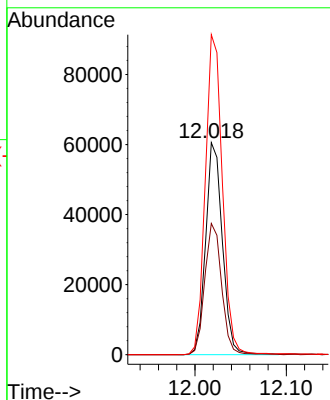
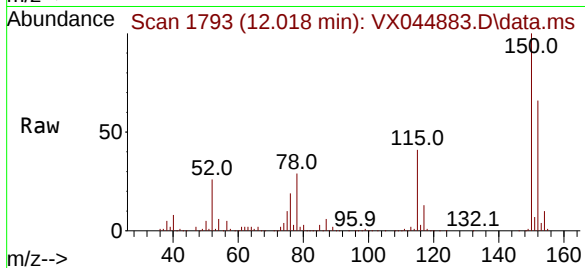




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX044883.D
 Acq: 10 Feb 2025 16:27

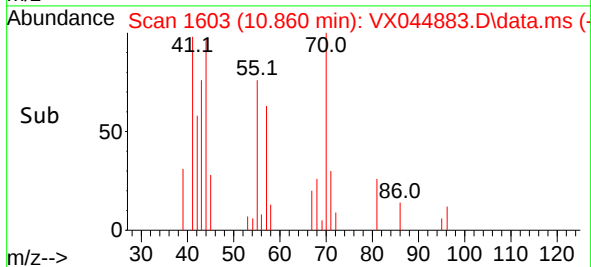
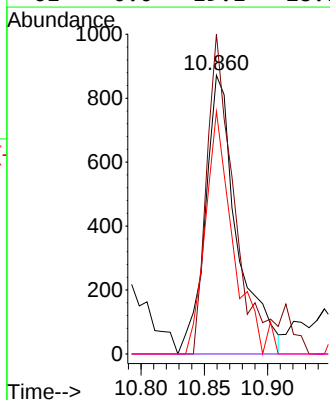
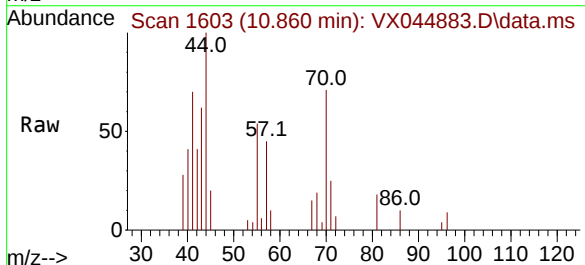
Instrument :
 MSVOA_X
 ClientSampleId :

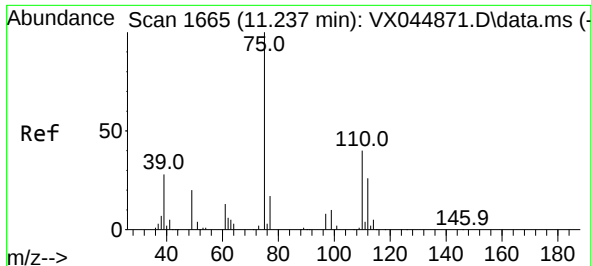
Tgt Ion:152 Resp: 76744
 Ion Ratio Lower Upper
 152 100
 115 62.5 43.4 130.1
 150 153.8 0.0 350.4



#74
 N-ethyl acetate
 Concen: 0.545 ug/l
 RT: 10.860 min Scan# 1603
 Delta R.T. 0.018 min
 Lab File: VX044883.D
 Acq: 10 Feb 2025 16:27

Tgt Ion: 43 Resp: 1525
 Ion Ratio Lower Upper
 43 100
 70 99.5 33.7 50.5#
 55 76.1 18.6 27.8#
 61 0.0 19.1 28.7#

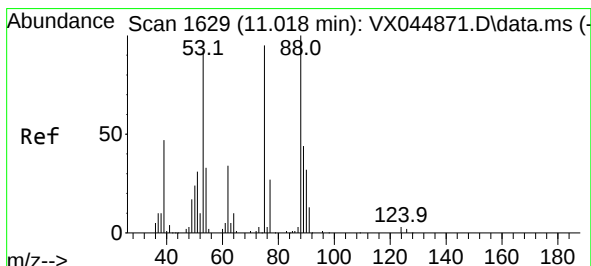
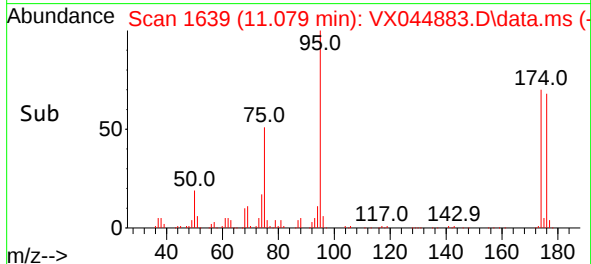
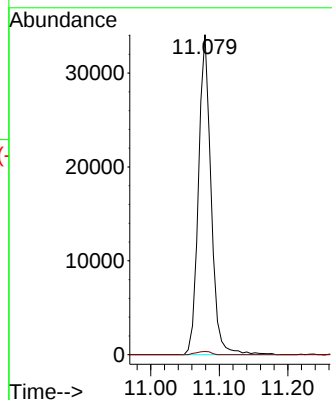
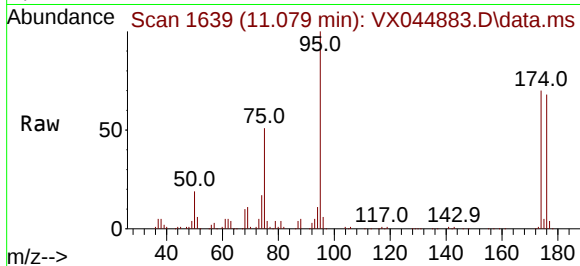




#76
1,2,3-Trichloropropane
Concen: 25.619 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX044883.D
Acq: 10 Feb 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 43592
Ion Ratio Lower Upper
75 100
77 1.2 21.9 65.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.903 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044883.D
Acq: 10 Feb 2025 16:27

Tgt Ion: 75 Resp: 43592
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 36.6 54.8#

