

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020525\
 Data File : VX044848.D
 Acq On : 05 Feb 2025 16:59
 Operator : JC/MD
 Sample : Q1250-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 06 04:41:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 16 01:16:09 2025
 Response via : Initial Calibration

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

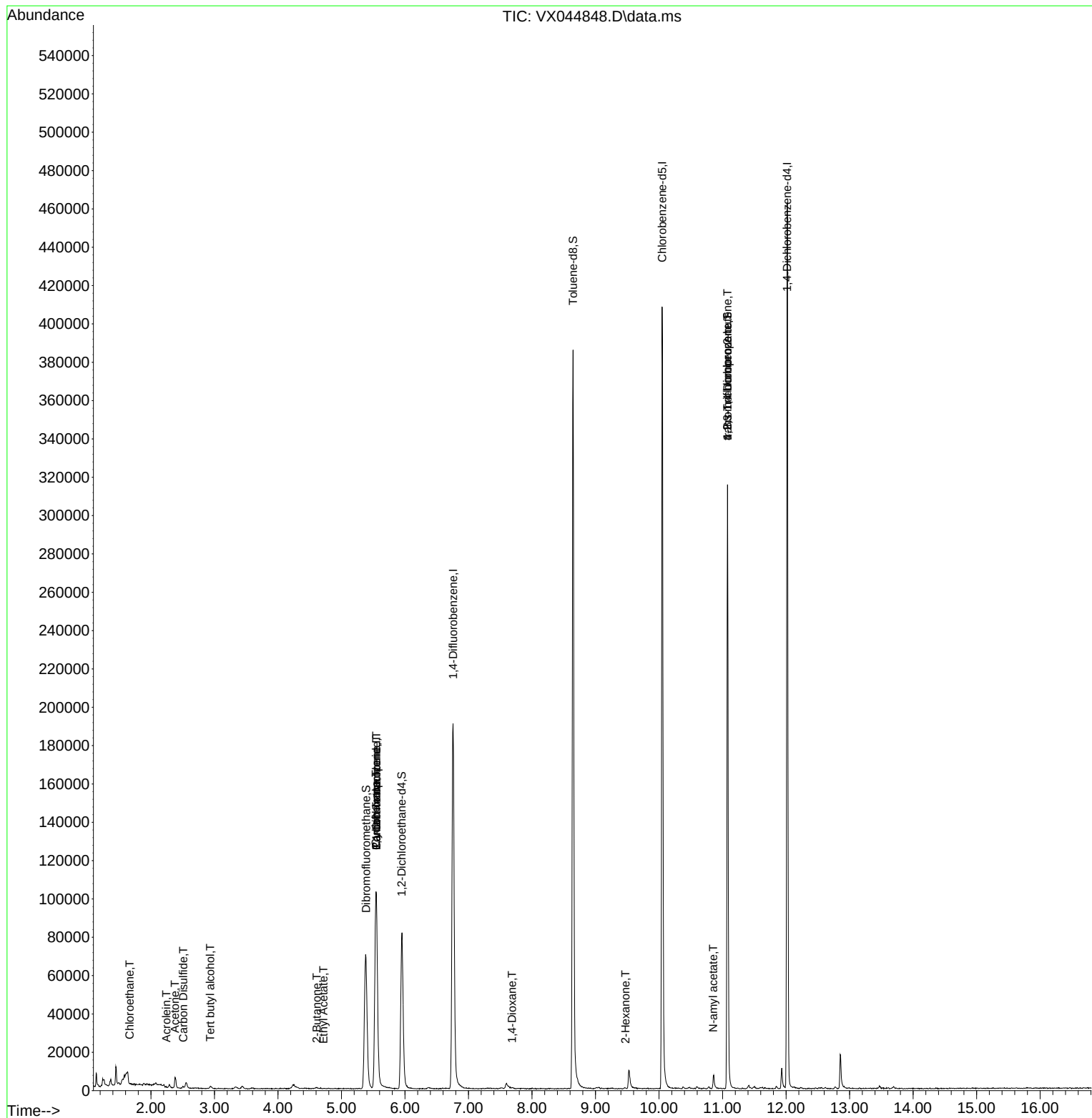
Internal Standards						
1) Pentafluorobenzene	5.550	168	101740	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	207051	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	189070	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	86632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	73667	47.970	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.940%
35) Dibromofluoromethane	5.385	113	64702	49.189	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.380%
50) Toluene-d8	8.647	98	240753	52.493	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.980%
62) 4-Bromofluorobenzene	11.079	95	85858	50.216	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.440%
Target Compounds						
					Qvalue	
6) Chloroethane	1.666	64	93	0.347	ug/l #	41
11) Tert butyl alcohol	2.934	59	556	1.624	ug/l #	85
13) Acrolein	2.239	56	241	1.496	ug/l	91
16) Acetone	2.380	43	5862	9.648	ug/l	98
17) Carbon Disulfide	2.508	76	1343	0.413	ug/l #	79
25) 2-Butanone	4.611	43	1156	1.280	ug/l #	86
31) Cyclohexane	5.544	56	2527	1.307	ug/l #	24
36) 1,1-Dichloropropene	5.550	75	8874	4.846	ug/l #	48
37) Ethyl Acetate	4.715	43	415	0.213	ug/l #	67
38) Carbon Tetrachloride	5.550	117	10427	5.063	ug/l #	16
49) 1,4-Dioxane	7.684	88	145	4.174	ug/l #	1
59) 2-Hexanone	9.470	43	493	0.338	ug/l	63
74) N-amyl acetate	10.854	43	1616	0.463	ug/l #	30
76) 1,2,3-Trichloropropane	11.079	75	44972	21.390	ug/l #	31
81) trans-1,4-Dichloro-2-b...	11.079	75	44972	48.917	ug/l #	12

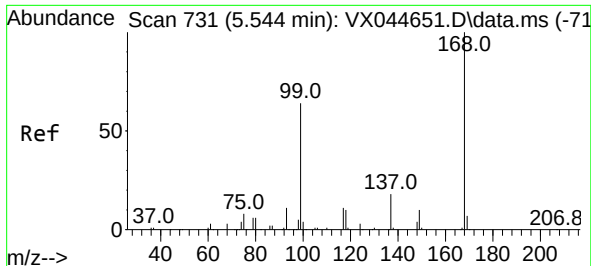
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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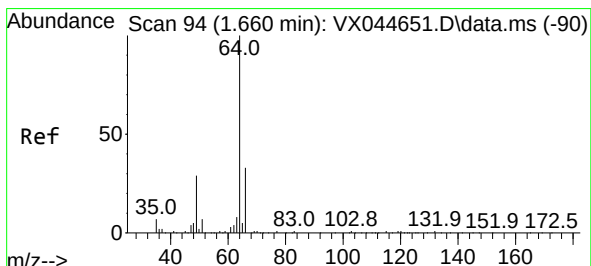
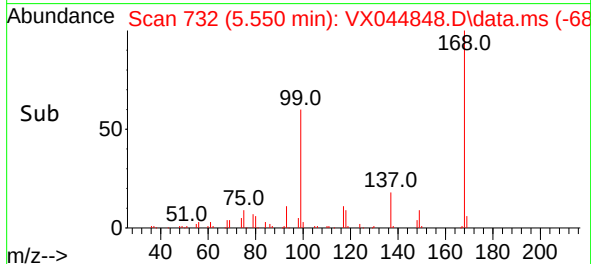
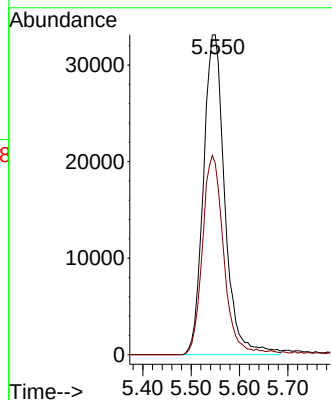
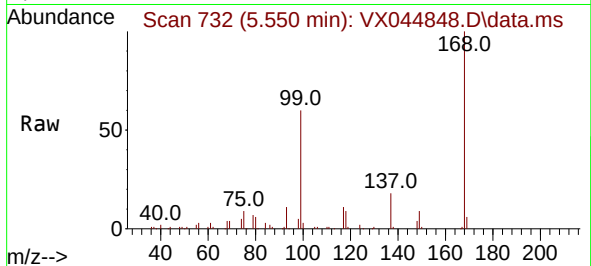




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX044848.D
Acq: 05 Feb 2025 16:59

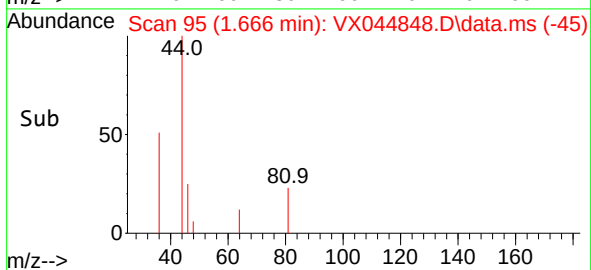
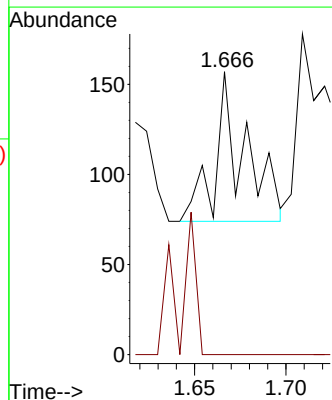
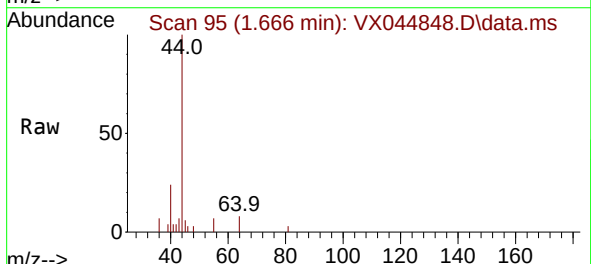
Instrument :
MSVOA_X
ClientSampleId :

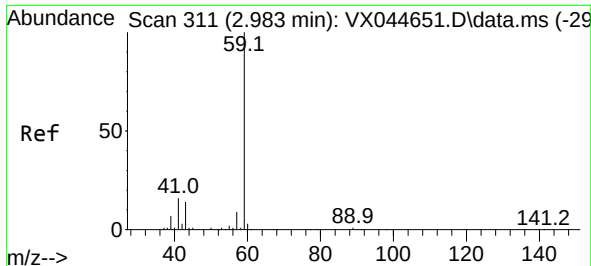
Tgt Ion:168 Resp: 101740
Ion Ratio Lower Upper
168 100
99 59.8 51.1 76.7



#6
Chloroethane
Concen: 0.347 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX044848.D
Acq: 05 Feb 2025 16:59

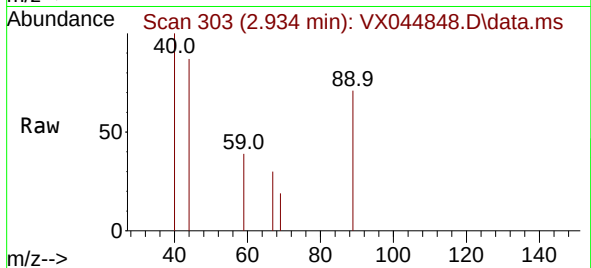
Tgt Ion: 64 Resp: 93
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#



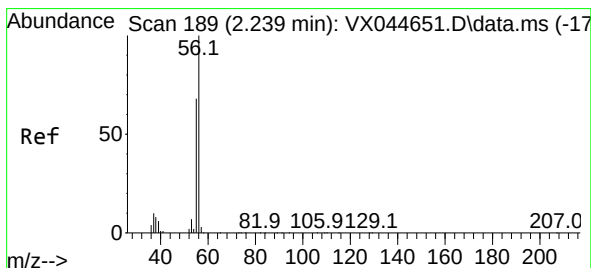
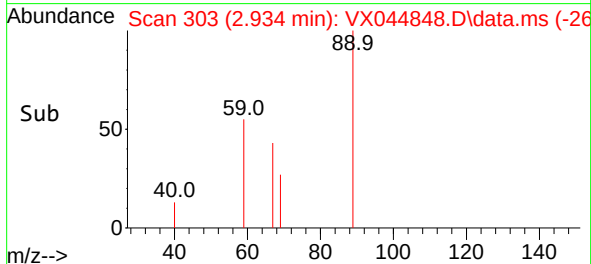
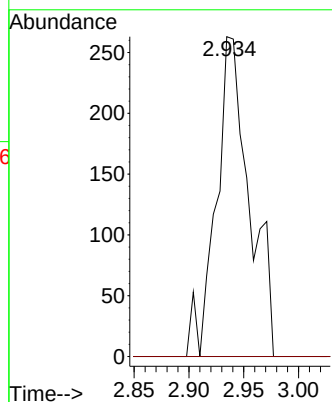


#11
Tert butyl alcohol
Concen: 1.624 ug/l
RT: 2.934 min Scan# 30
Delta R.T. -0.049 min
Lab File: VX044848.D
Acq: 05 Feb 2025 16:59

Instrument :
MSVOA_X
ClientSampleId :

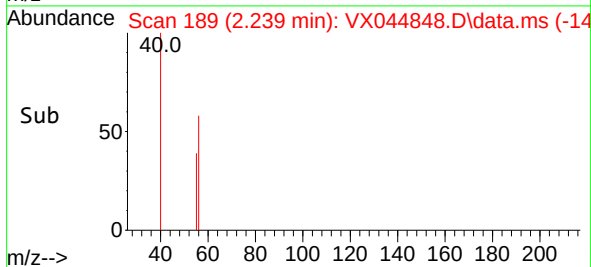
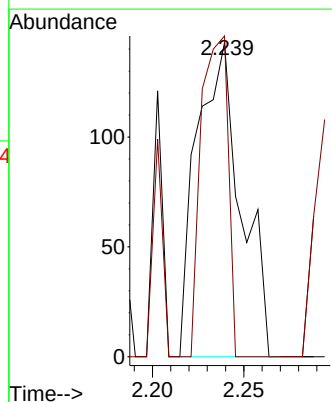
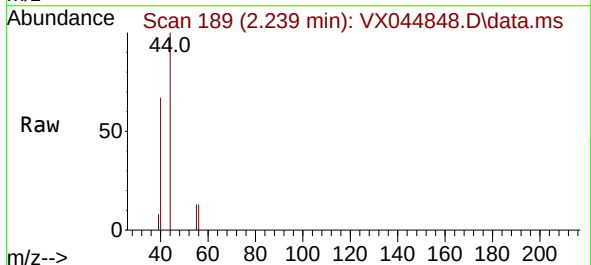


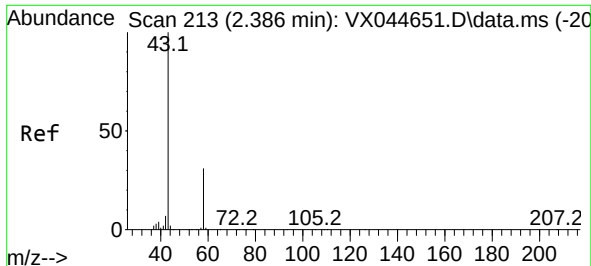
Tgt Ion: 59 Resp: 556
Ion Ratio Lower Upper
59 100
57 0.0 3.9 5.9#



#13
Acrolein
Concen: 1.496 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX044848.D
Acq: 05 Feb 2025 16:59

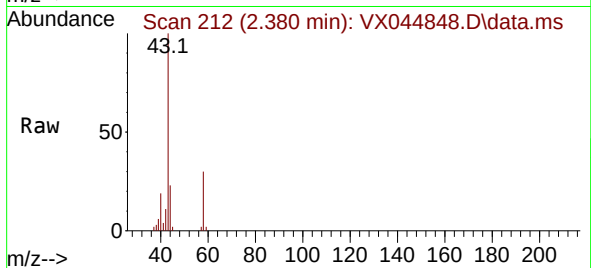
Tgt Ion: 56 Resp: 241
Ion Ratio Lower Upper
56 100
55 61.8 55.1 82.7



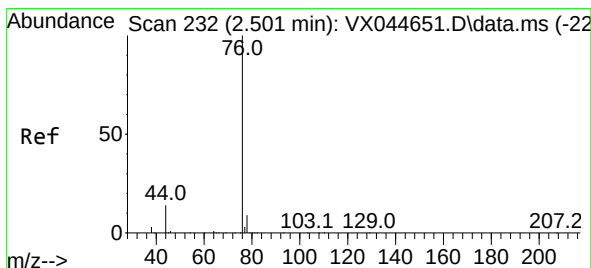
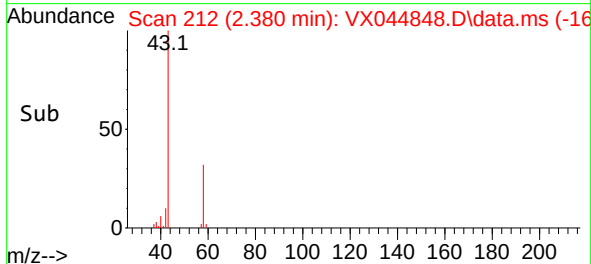
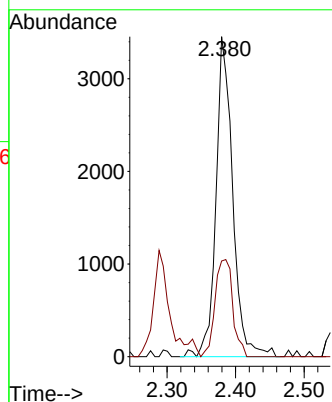


#16
Acetone
Concen: 9.648 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044848.D
Acq: 05 Feb 2025 16:59

Instrument :
MSVOA_X
ClientSampleId :

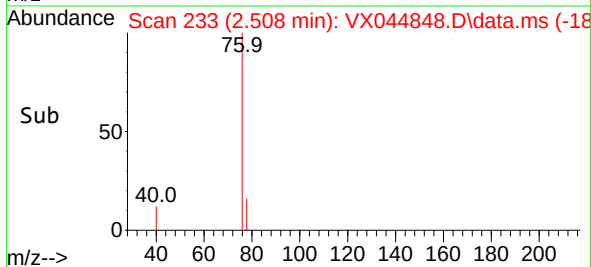
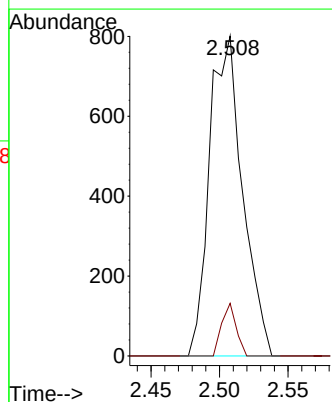
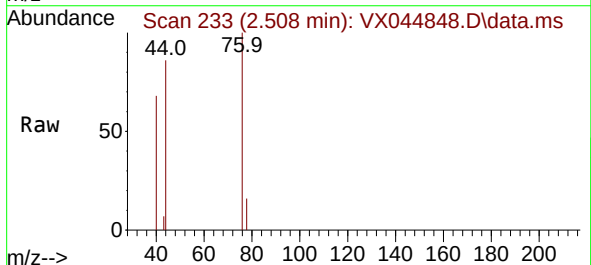


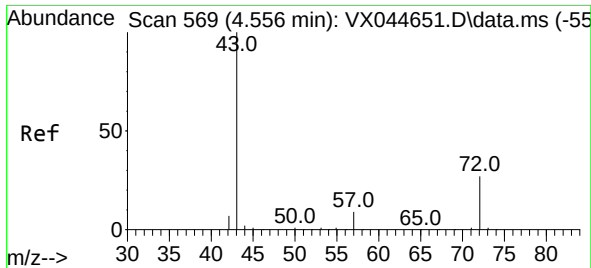
Tgt Ion: 43 Resp: 5862
Ion Ratio Lower Upper
43 100
58 29.9 24.6 37.0



#17
Carbon Disulfide
Concen: 0.413 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX044848.D
Acq: 05 Feb 2025 16:59

Tgt Ion: 76 Resp: 1343
Ion Ratio Lower Upper
76 100
78 16.5 7.1 10.7#

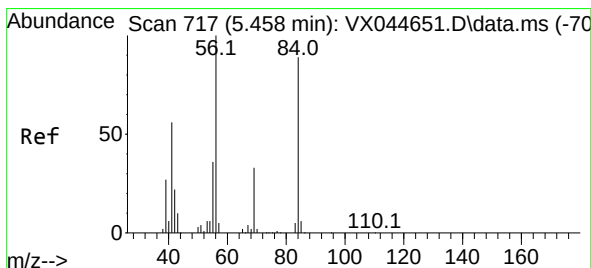
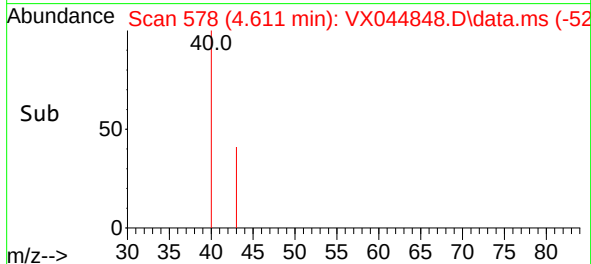
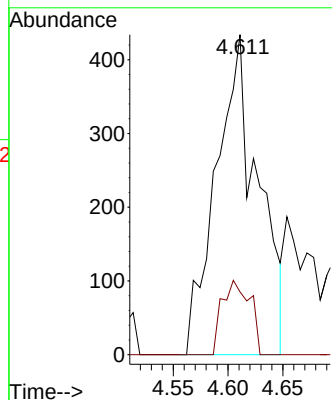
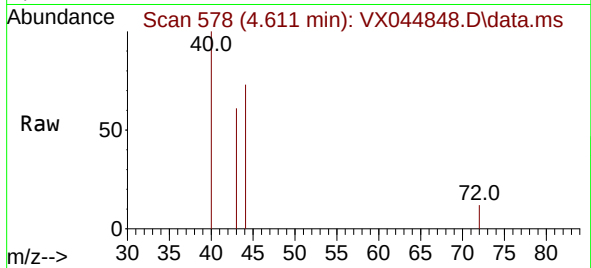




#25
2-Butanone
Concen: 1.280 ug/l
RT: 4.611 min Scan# 511
Delta R.T. 0.055 min
Lab File: VX044848.D
Acq: 05 Feb 2025 16:59

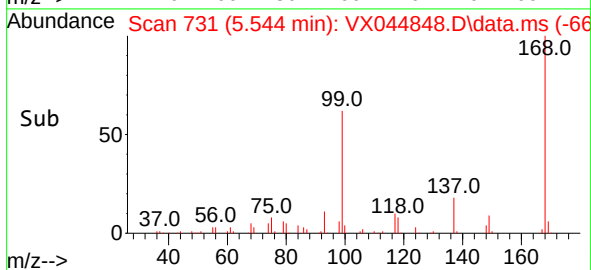
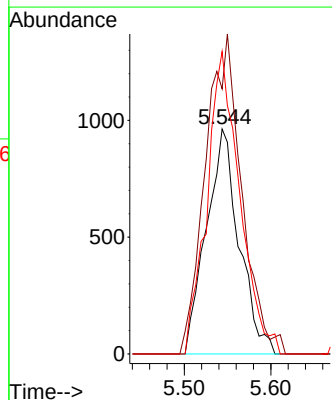
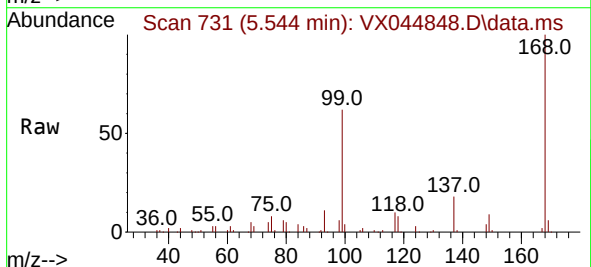
Instrument :
MSVOA_X
ClientSampleId :

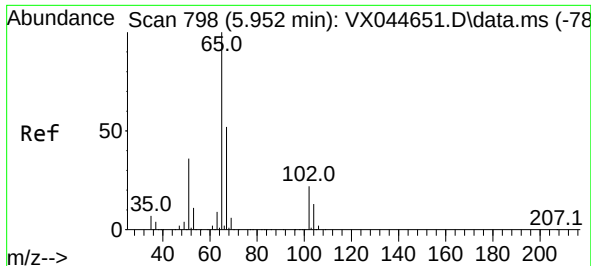
Tgt Ion: 43 Resp: 1156
Ion Ratio Lower Upper
43 100
72 19.6 21.7 32.5#



#31
Cyclohexane
Concen: 1.307 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.085 min
Lab File: VX044848.D
Acq: 05 Feb 2025 16:59

Tgt Ion: 56 Resp: 2527
Ion Ratio Lower Upper
56 100
69 117.9 26.8 40.2#
84 134.5 71.0 106.4#





#33

1,2-Dichloroethane-d4

Concen: 47.970 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

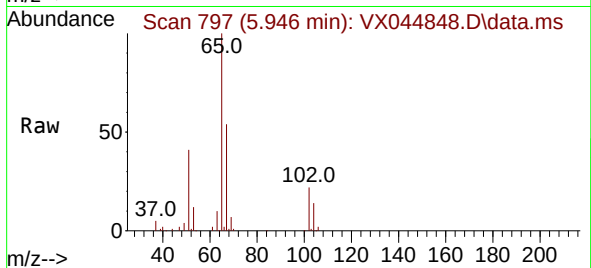
Lab File: VX044848.D

Acq: 05 Feb 2025 16:59

Instrument :

MSVOA_X

ClientSampleId :

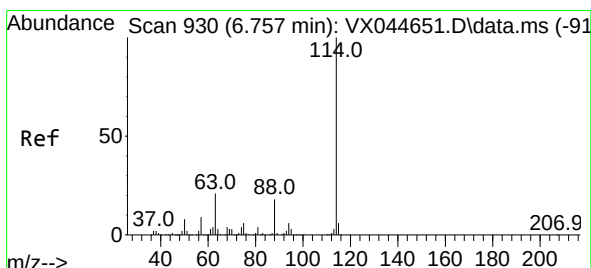
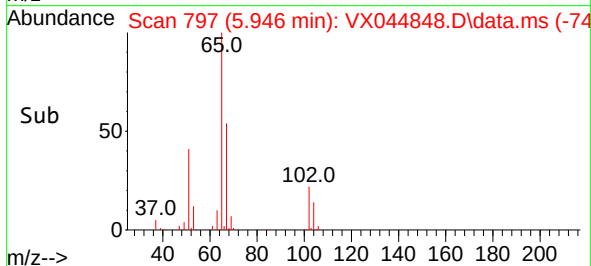
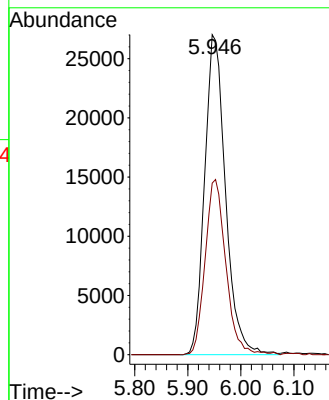


Tgt Ion: 65 Resp: 73667

Ion Ratio Lower Upper

65 100

67 54.4 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX044848.D

Acq: 05 Feb 2025 16:59

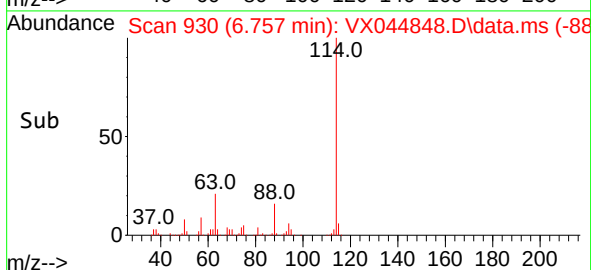
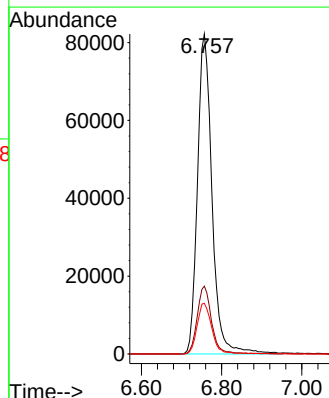
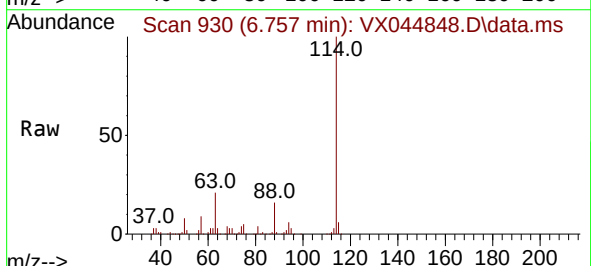
Tgt Ion: 114 Resp: 207051

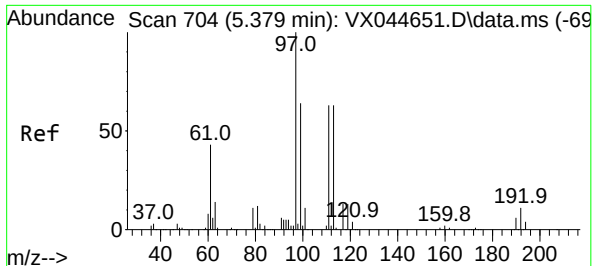
Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.0

88 15.8 0.0 35.4

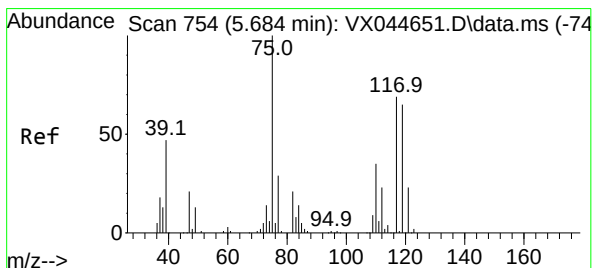
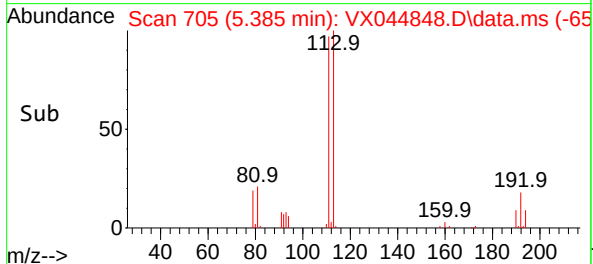
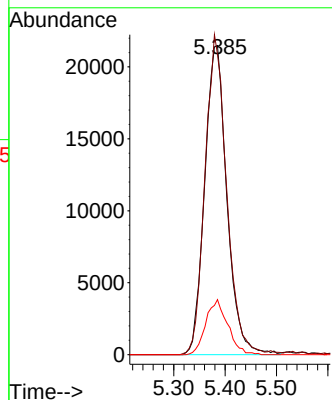
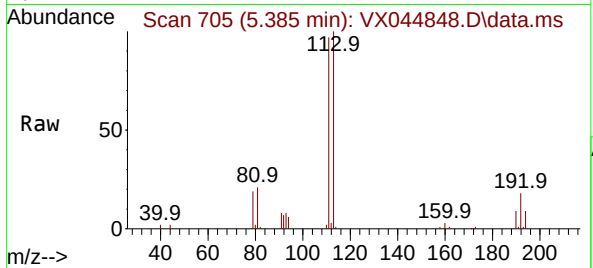




#35
Dibromofluoromethane
Concen: 49.189 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX044848.D
Acq: 05 Feb 2025 16:59

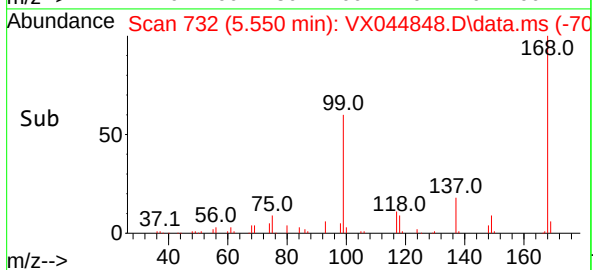
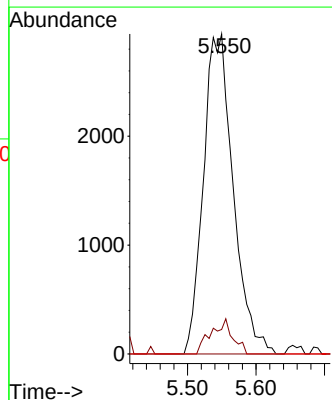
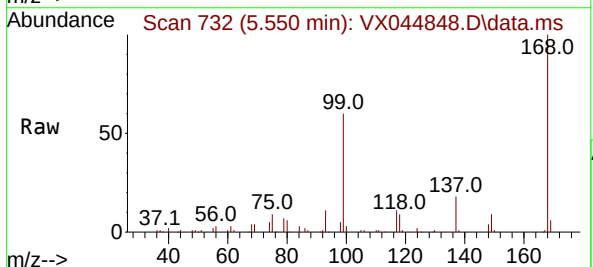
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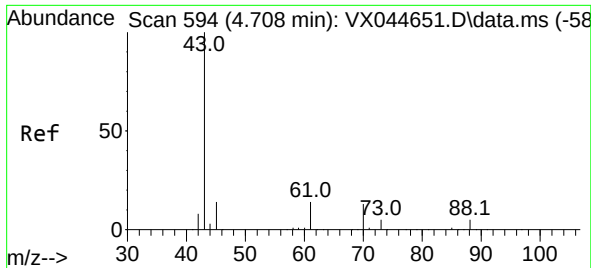
Tgt Ion:113 Resp: 64702
Ion Ratio Lower Upper
113 100
111 100.4 81.6 122.4
192 17.5 14.4 21.6



#36
1,1-Dichloropropene
Concen: 4.846 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX044848.D
Acq: 05 Feb 2025 16:59

Tgt Ion: 75 Resp: 8874
Ion Ratio Lower Upper
75 100
110 7.9 17.9 53.8#
77 0.0 24.5 36.7#

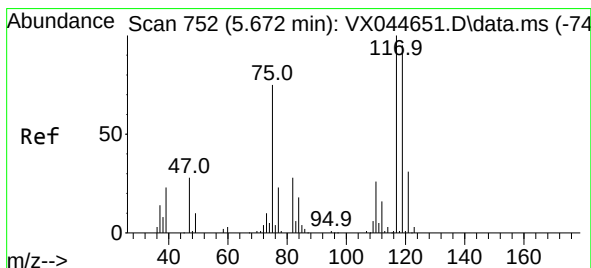
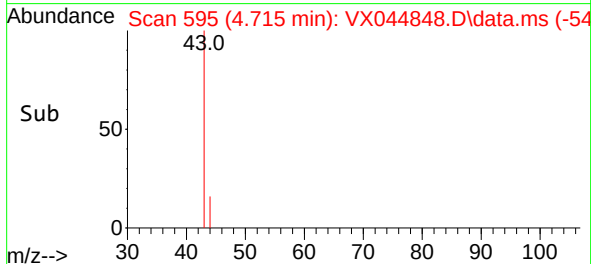
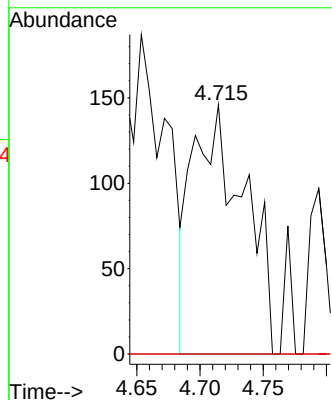
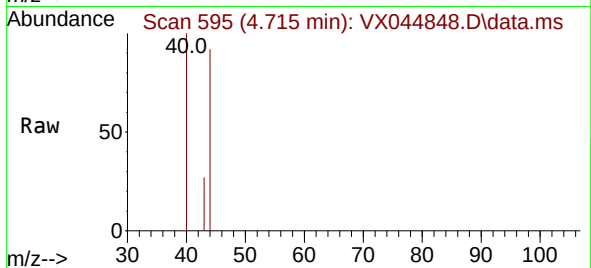




#37
Ethyl Acetate
Concen: 0.213 ug/l
RT: 4.715 min Scan# 594
Delta R.T. 0.006 min
Lab File: VX044848.D
Acq: 05 Feb 2025 16:59

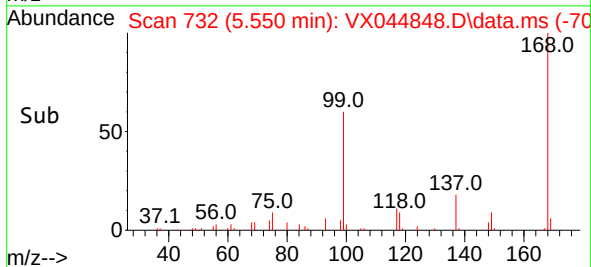
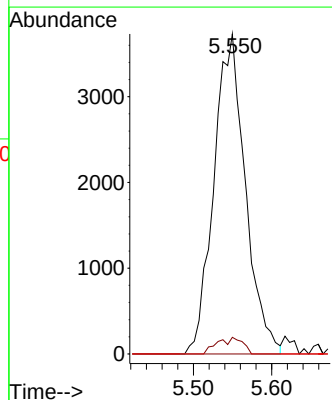
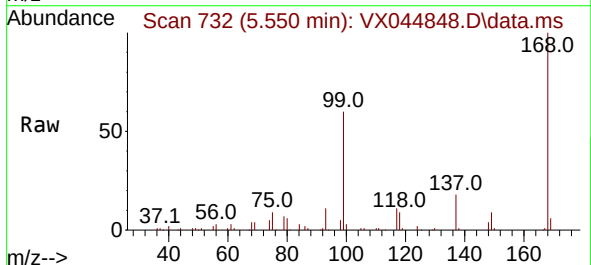
Instrument :
MSVOA_X
ClientSampleId :

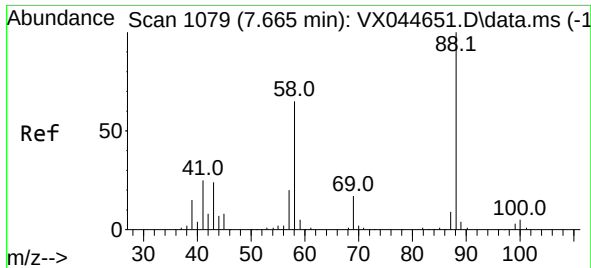
Tgt Ion: 43 Resp: 415
Ion Ratio Lower Upper
43 100
61 0.0 10.9 16.3#
70 0.0 10.1 15.1#



#38
Carbon Tetrachloride
Concen: 5.063 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX044848.D
Acq: 05 Feb 2025 16:59

Tgt Ion: 117 Resp: 10427
Ion Ratio Lower Upper
117 100
119 5.2 76.0 114.0#
121 0.0 24.6 36.8#

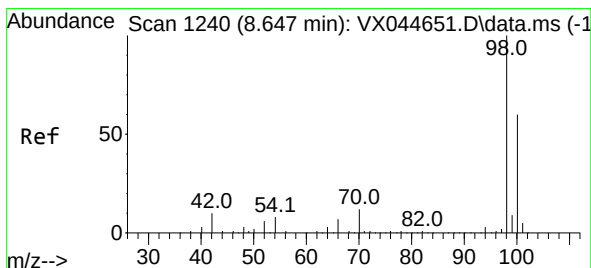
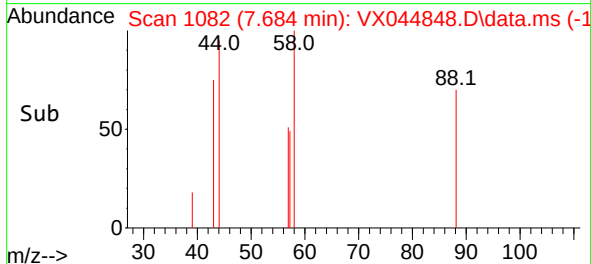
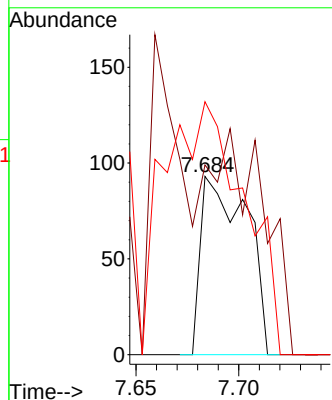
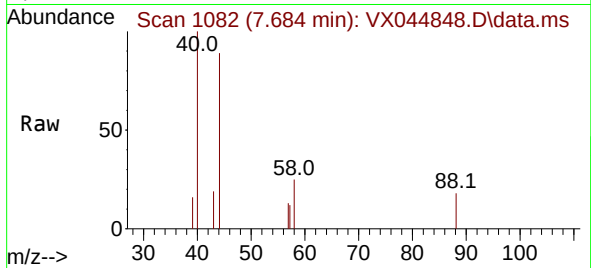




#49
1,4-Dioxane
Concen: 4.174 ug/l
RT: 7.684 min Scan# 1079
Delta R.T. 0.018 min
Lab File: VX044848.D
Acq: 05 Feb 2025 16:59

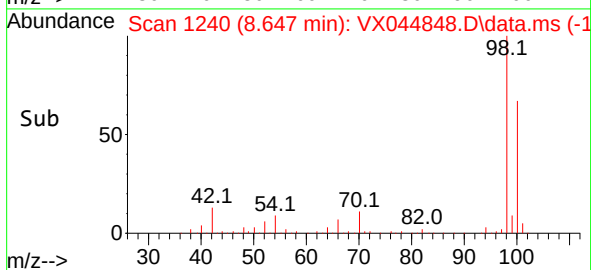
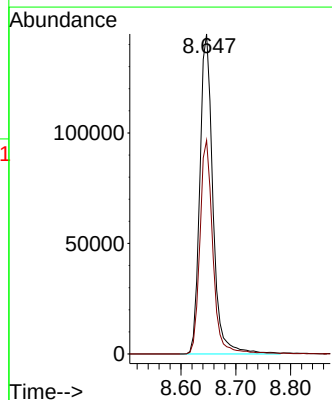
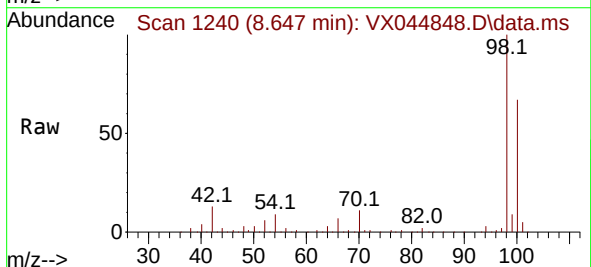
Instrument :
MSVOA_X
ClientSampleId :

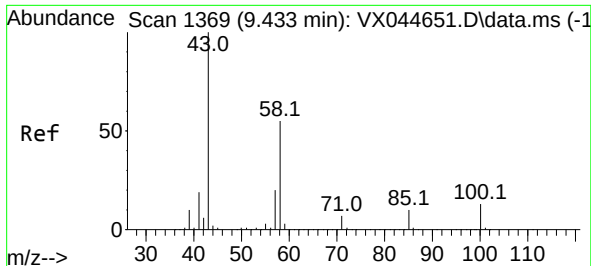
Tgt Ion: 88 Resp: 145
Ion Ratio Lower Upper
88 100
43 156.6 27.0 40.4#
58 246.2 55.8 83.8#



#50
Toluene-d8
Concen: 52.493 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044848.D
Acq: 05 Feb 2025 16:59

Tgt Ion: 98 Resp: 240753
Ion Ratio Lower Upper
98 100
100 66.0 53.2 79.8





#59

2-Hexanone

Concen: 0.338 ug/l

RT: 9.470 min Scan# 11

Delta R.T. 0.037 min

Lab File: VX044848.D

Acq: 05 Feb 2025 16:59

Instrument :

MSVOA_X

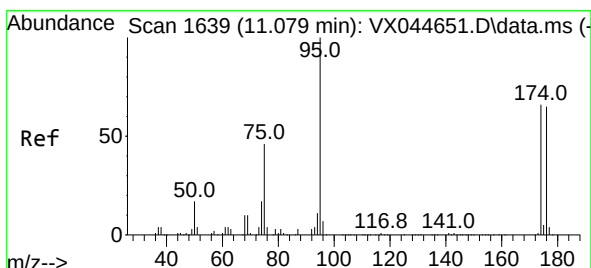
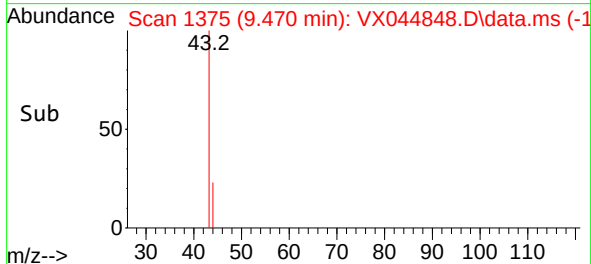
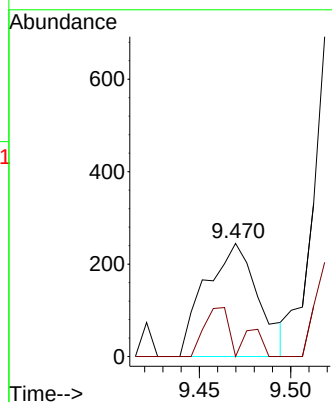
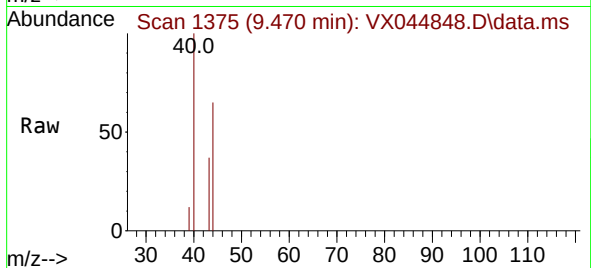
ClientSampleId :

Tgt Ion: 43 Resp: 493

Ion Ratio Lower Upper

43 100

58 28.4 27.8 83.3



#62

4-Bromofluorobenzene

Concen: 50.216 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX044848.D

Acq: 05 Feb 2025 16:59

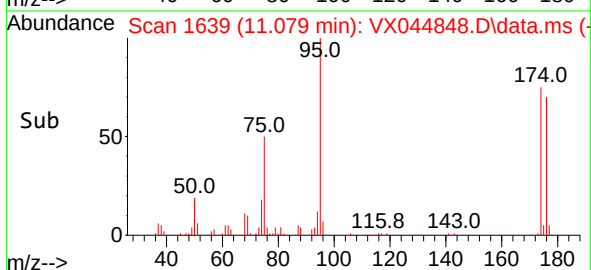
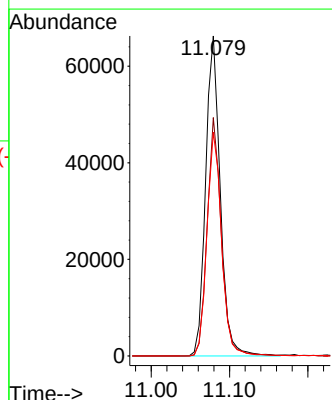
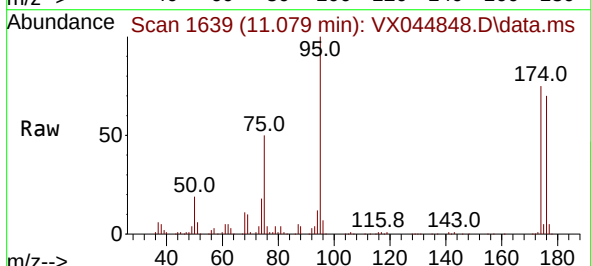
Tgt Ion: 95 Resp: 85858

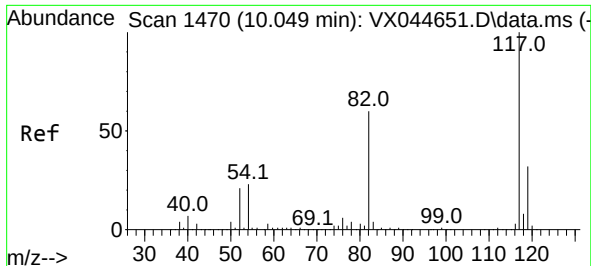
Ion Ratio Lower Upper

95 100

174 72.4 0.0 133.0

176 70.1 0.0 129.4

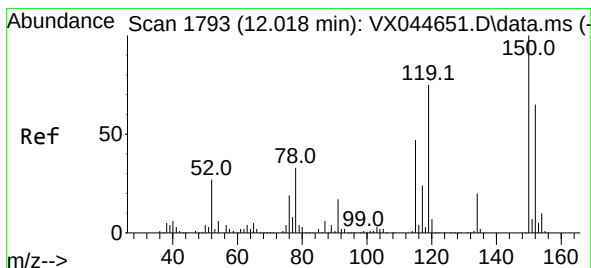
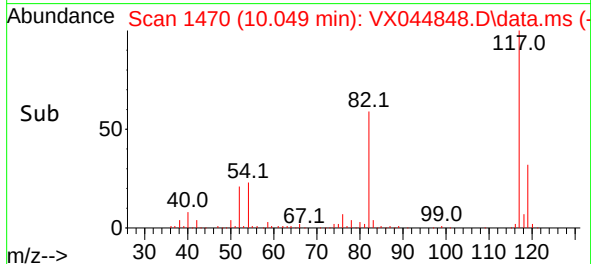
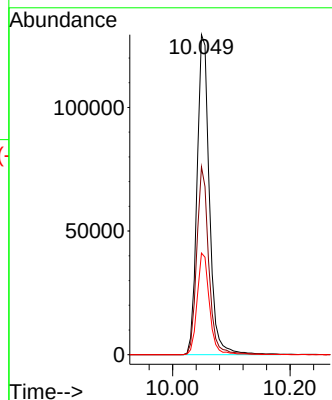
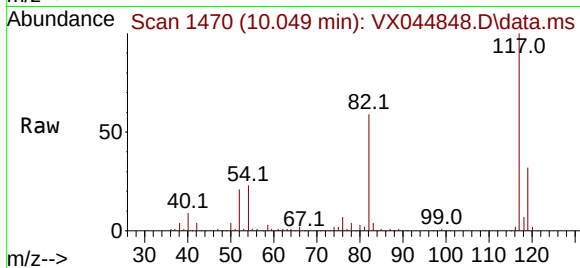




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044848.D
Acq: 05 Feb 2025 16:59

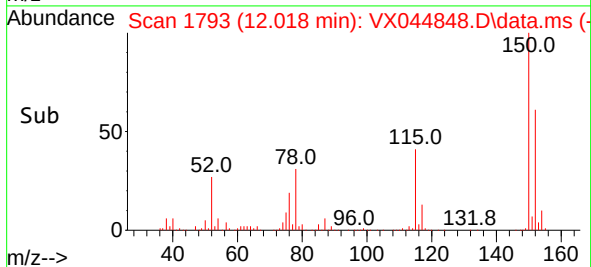
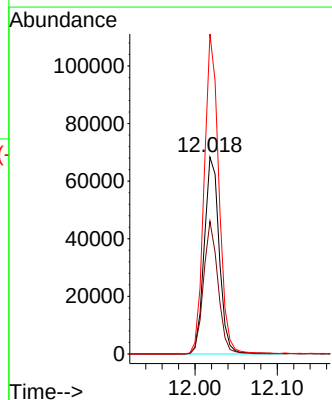
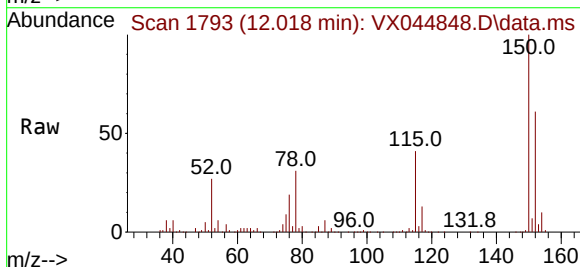
Instrument :
MSVOA_X
ClientSampleId :

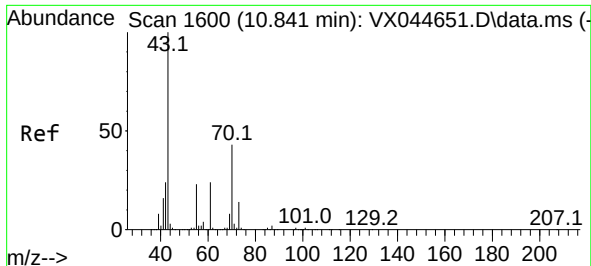
Tgt Ion:117 Resp: 189070
Ion Ratio Lower Upper
117 100
82 58.7 47.6 71.4
119 31.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044848.D
Acq: 05 Feb 2025 16:59

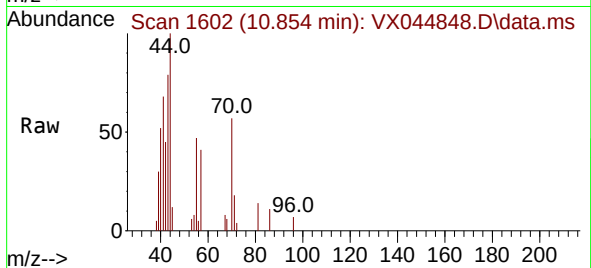
Tgt Ion:152 Resp: 86632
Ion Ratio Lower Upper
152 100
115 65.2 43.8 131.4
150 159.1 0.0 347.8



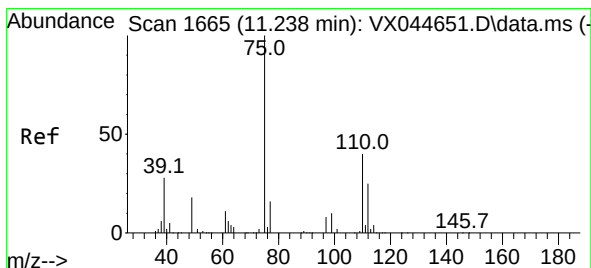
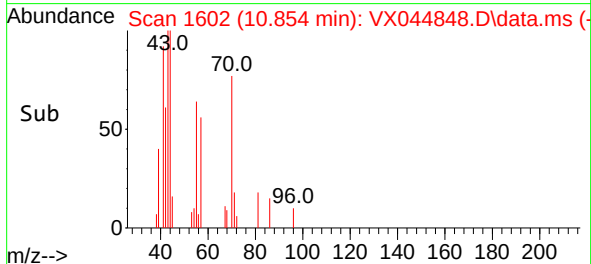
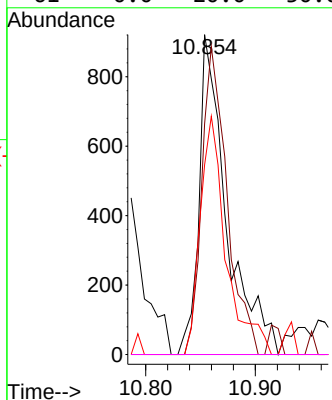


#74
N-amy1 acetate
Concen: 0.463 ug/l
RT: 10.854 min Scan# 1616
Delta R.T. 0.012 min
Lab File: VX044848.D
Acq: 05 Feb 2025 16:59

Instrument :
MSVOA_X
ClientSampleId :

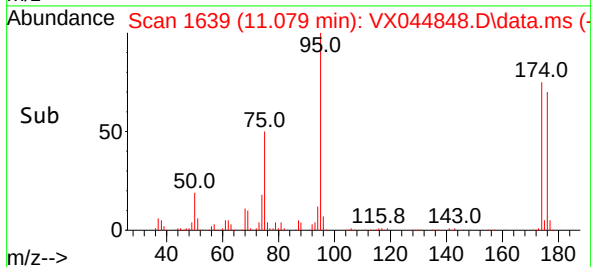
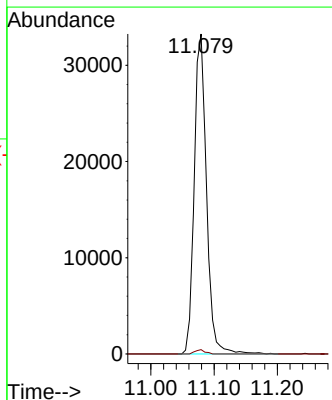
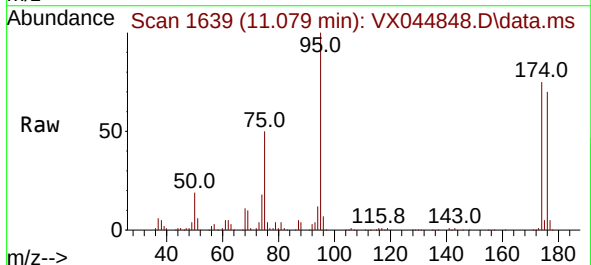


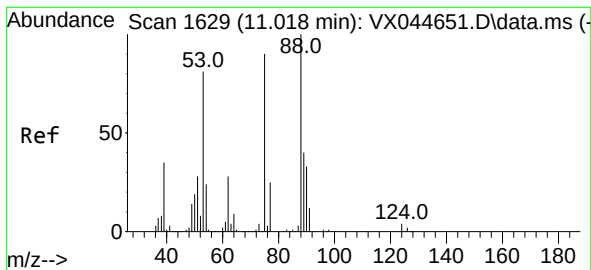
Tgt Ion: 43 Resp: 1616
Ion Ratio Lower Upper
43 100
70 87.7 35.2 52.8#
55 69.7 19.0 28.4#
61 0.0 20.0 30.0#



#76
1,2,3-Trichloropropane
Concen: 21.390 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX044848.D
Acq: 05 Feb 2025 16:59

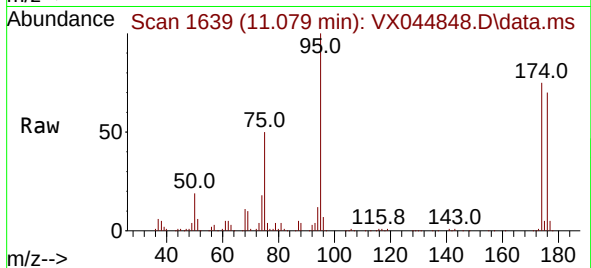
Tgt Ion: 75 Resp: 44972
Ion Ratio Lower Upper
75 100
77 1.1 23.4 70.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 48.917 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX044848.D
 Acq: 05 Feb 2025 16:59

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 44972
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.3 111.5#
 89 0.0 37.4 56.0#

