

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020525\
 Data File : VX044847.D
 Acq On : 05 Feb 2025 16:36
 Operator : JC/MD
 Sample : Q1250-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 06 04:41:01 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)

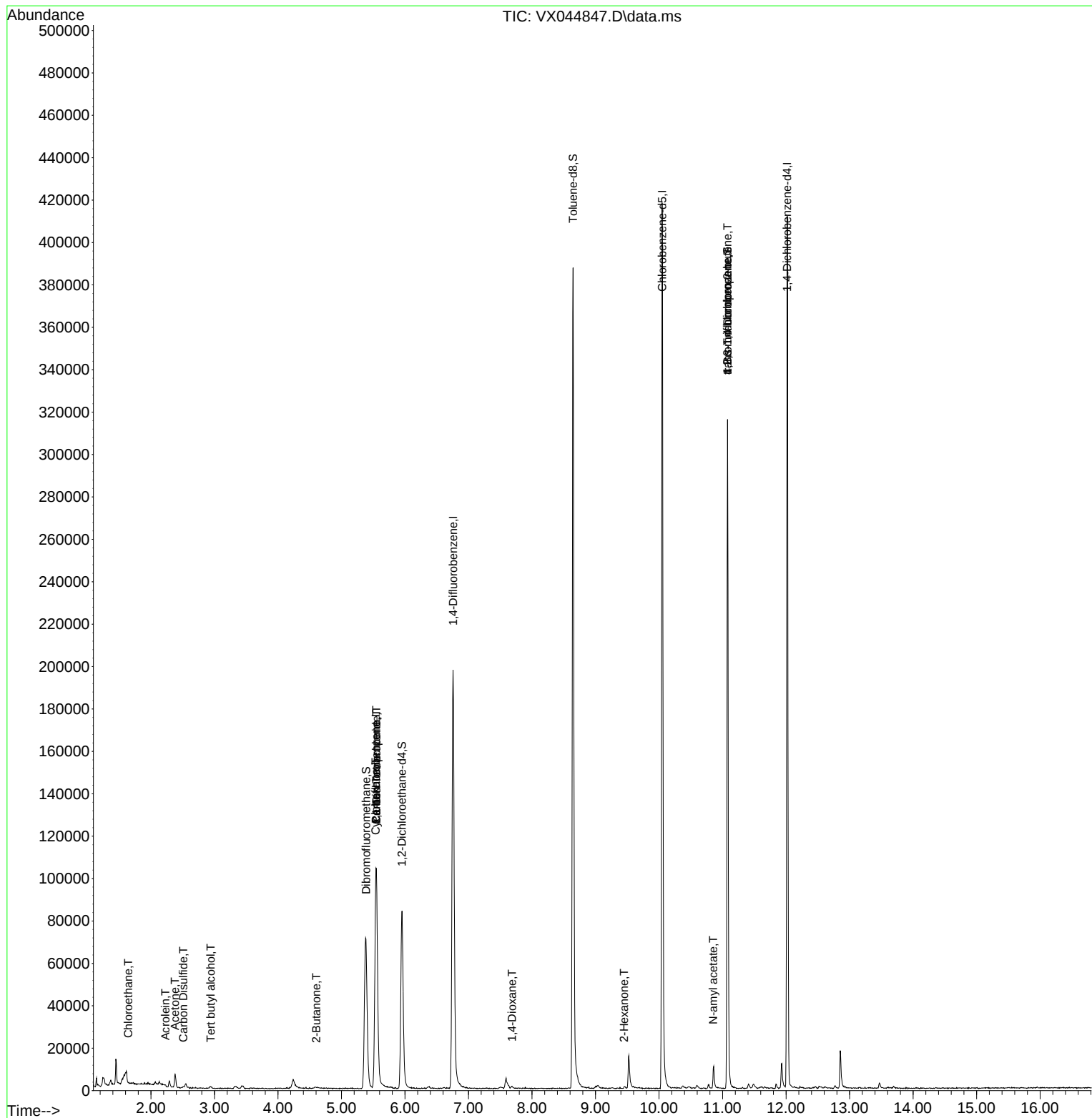
Internal Standards						
1) Pentafluorobenzene	5.544	168	104263	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	213502	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	191945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	80830	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76643	48.700	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.400%
35) Dibromofluoromethane	5.385	113	65419	48.232	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.460%
50) Toluene-d8	8.647	98	247646	52.364	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.720%
62) 4-Bromofluorobenzene	11.079	95	86896	49.288	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.580%
Target Compounds						
					Qvalue	
6) Chloroethane	1.642	64	133	0.484	ug/l #	41
11) Tert butyl alcohol	2.941	59	307	0.875	ug/l #	85
13) Acrolein	2.227	56	166	1.005	ug/l #	47
16) Acetone	2.380	43	6707	10.772	ug/l	98
17) Carbon Disulfide	2.508	76	865	0.260	ug/l #	75
25) 2-Butanone	4.605	43	1657	1.790	ug/l #	86
31) Cyclohexane	5.538	56	2370	1.196	ug/l #	13
36) 1,1-Dichloropropene	5.550	75	8679	4.597	ug/l #	51
38) Carbon Tetrachloride	5.550	117	10739	5.057	ug/l #	14
49) 1,4-Dioxane	7.684	88	383	10.692	ug/l #	74
59) 2-Hexanone	9.452	43	879	0.585	ug/l	74
74) N-amyl acetate	10.854	43	1973	0.606	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	44666	22.770	ug/l #	32
81) trans-1,4-Dichloro-2-b...	11.079	75	44666	52.071	ug/l #	12

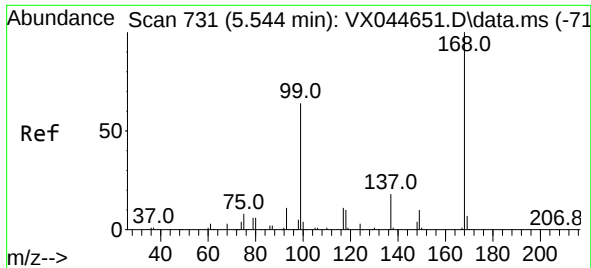
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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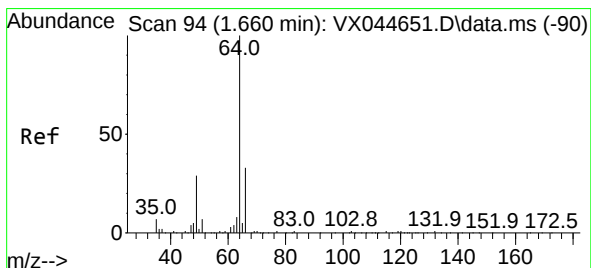
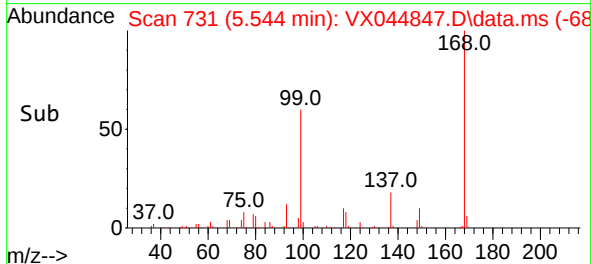
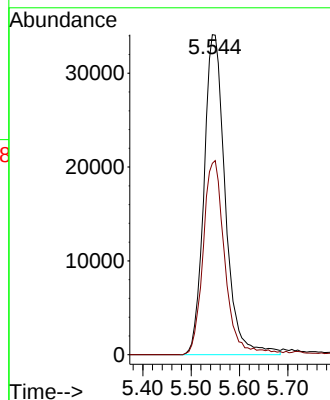
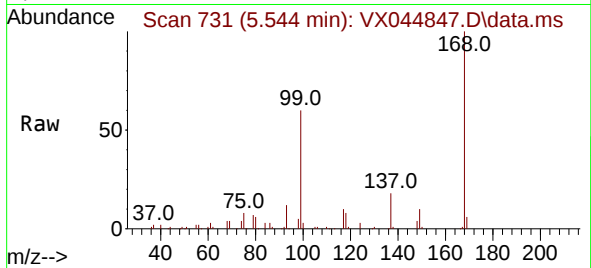




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044847.D
Acq: 05 Feb 2025 16:36

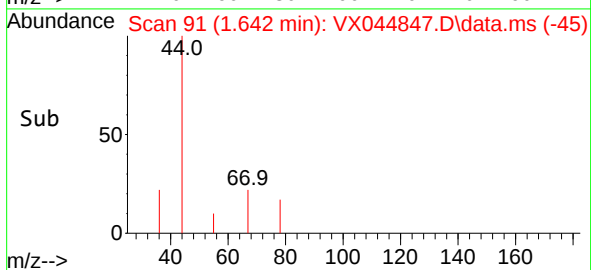
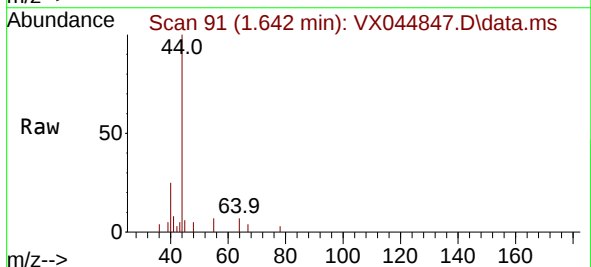
Instrument :
MSVOA_X
ClientSampleId :

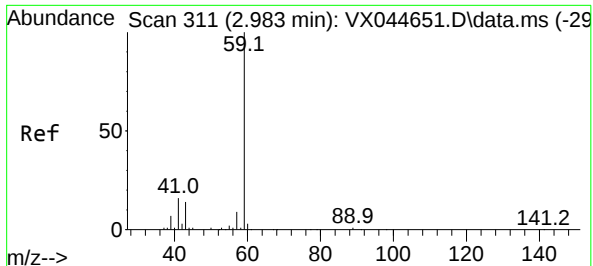
Tgt Ion:168 Resp: 104263
Ion Ratio Lower Upper
168 100
99 59.8 51.1 76.7



#6
Chloroethane
Concen: 0.484 ug/l
RT: 1.642 min Scan# 91
Delta R.T. -0.018 min
Lab File: VX044847.D
Acq: 05 Feb 2025 16:36

Tgt Ion: 64 Resp: 133
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#





#11

Tert butyl alcohol

Concen: 0.875 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.043 min

Lab File: VX044847.D

Acq: 05 Feb 2025 16:36

Instrument :

MSVOA_X

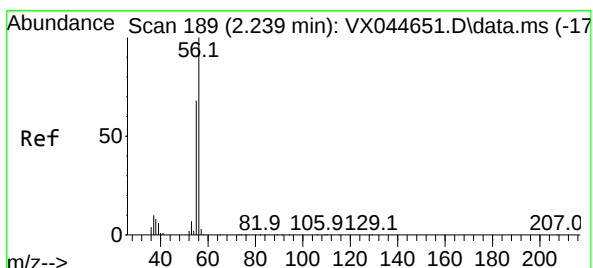
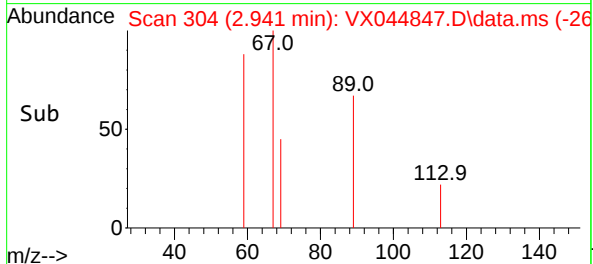
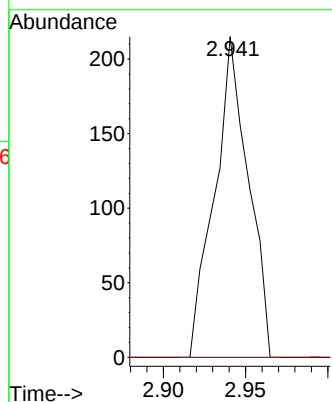
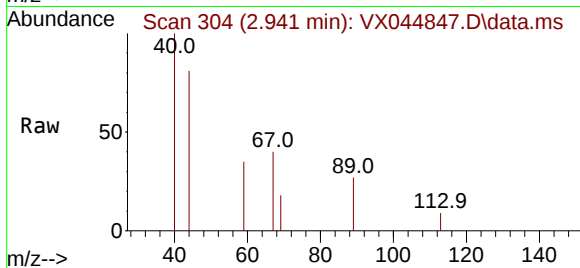
ClientSampleId :

Tgt Ion: 59 Resp: 307

Ion Ratio Lower Upper

59 100

57 0.0 3.9 5.9#



#13

Acrolein

Concen: 1.005 ug/l

RT: 2.227 min Scan# 187

Delta R.T. -0.012 min

Lab File: VX044847.D

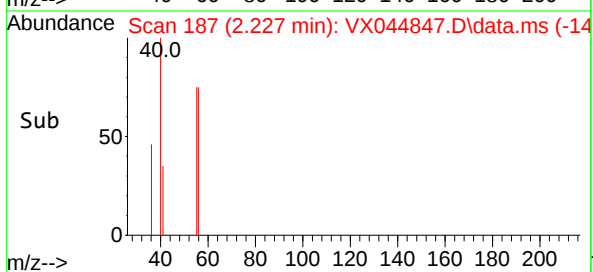
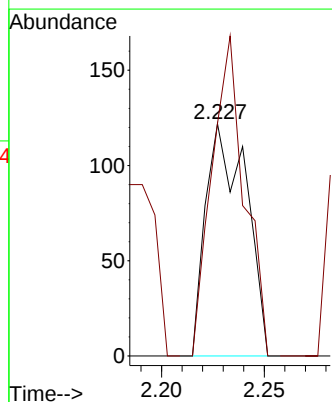
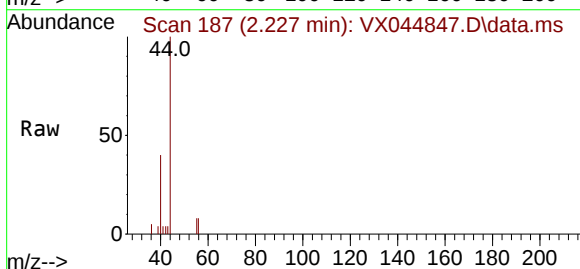
Acq: 05 Feb 2025 16:36

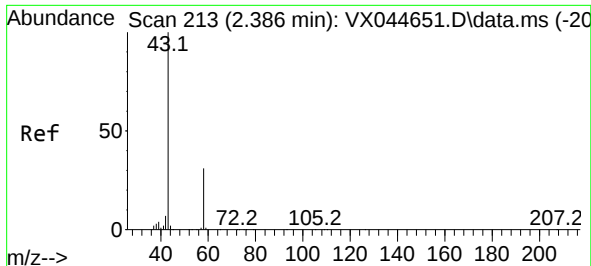
Tgt Ion: 56 Resp: 166

Ion Ratio Lower Upper

56 100

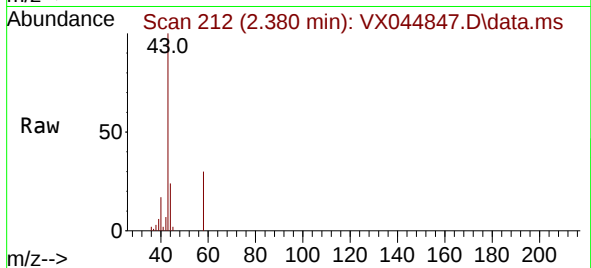
55 112.0 55.1 82.7#



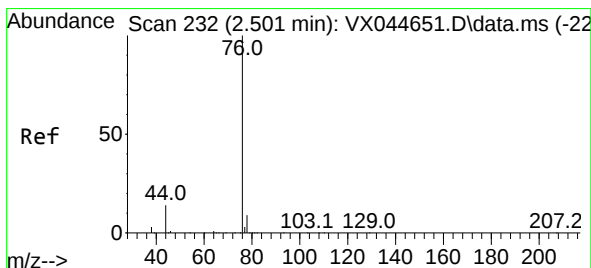
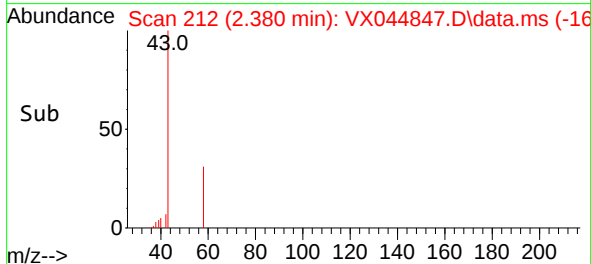
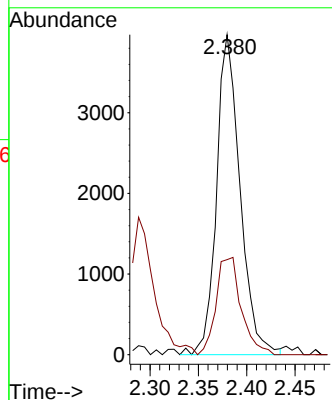


#16
Acetone
Concen: 10.772 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044847.D
Acq: 05 Feb 2025 16:36

Instrument :
MSVOA_X
ClientSampleId :

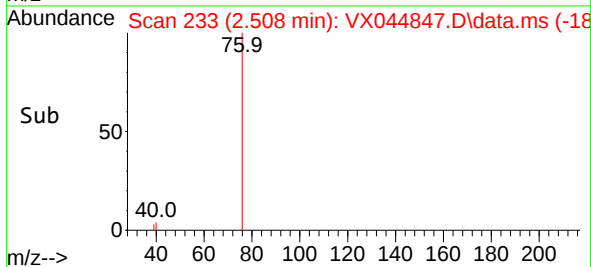
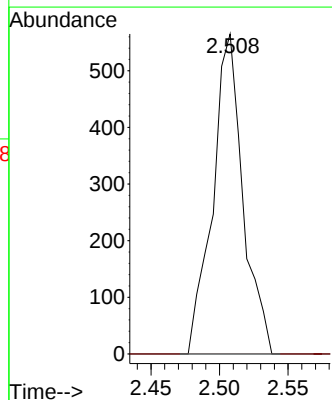
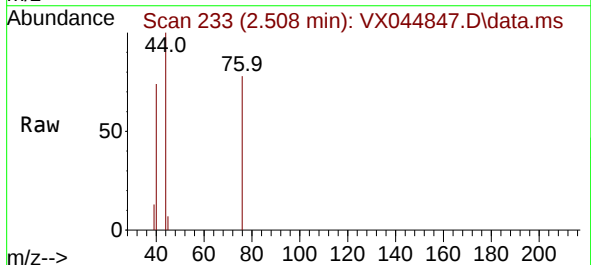


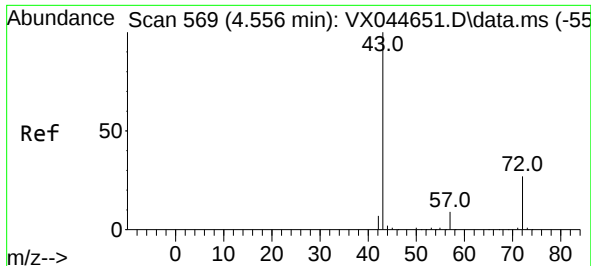
Tgt Ion: 43 Resp: 6707
Ion Ratio Lower Upper
43 100
58 29.7 24.6 37.0



#17
Carbon Disulfide
Concen: 0.260 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX044847.D
Acq: 05 Feb 2025 16:36

Tgt Ion: 76 Resp: 865
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#





#25

2-Butanone

Concen: 1.790 ug/l

RT: 4.605 min Scan# 51

Delta R.T. 0.049 min

Lab File: VX044847.D

Acq: 05 Feb 2025 16:36

Instrument :

MSVOA_X

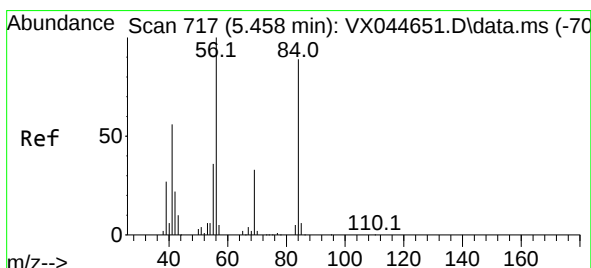
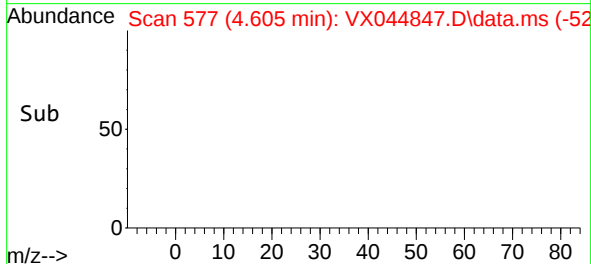
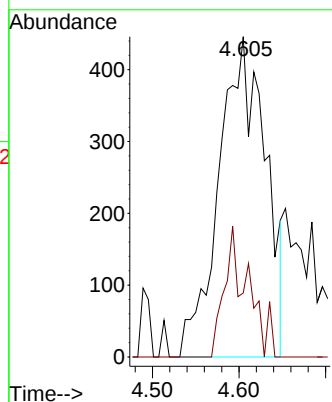
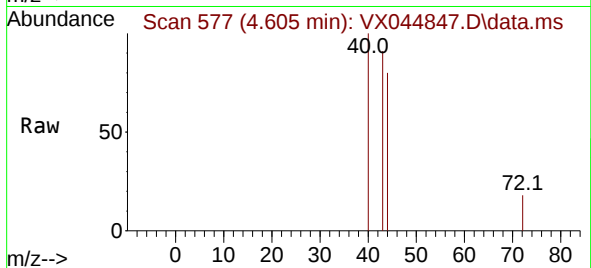
ClientSampleId :

Tgt Ion: 43 Resp: 1657

Ion Ratio Lower Upper

43 100

72 20.0 21.7 32.5#



#31

Cyclohexane

Concen: 1.196 ug/l

RT: 5.538 min Scan# 730

Delta R.T. 0.079 min

Lab File: VX044847.D

Acq: 05 Feb 2025 16:36

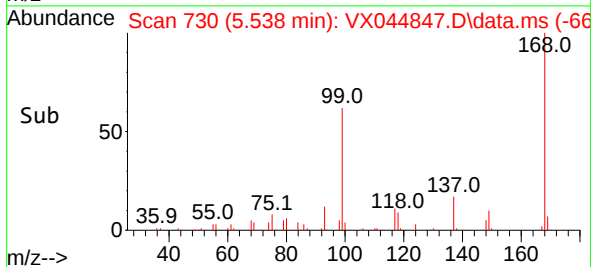
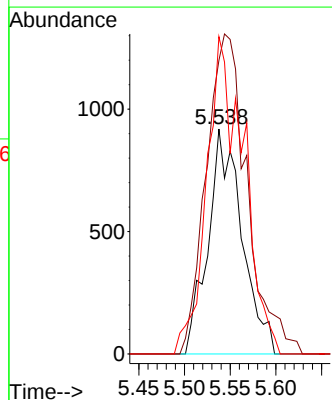
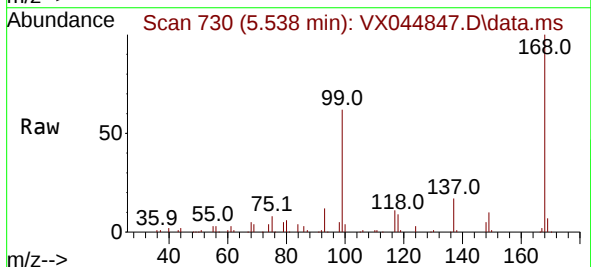
Tgt Ion: 56 Resp: 2370

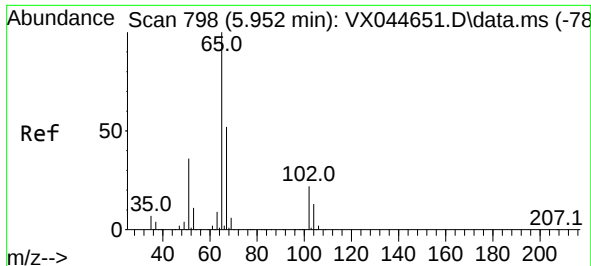
Ion Ratio Lower Upper

56 100

69 130.5 26.8 40.2#

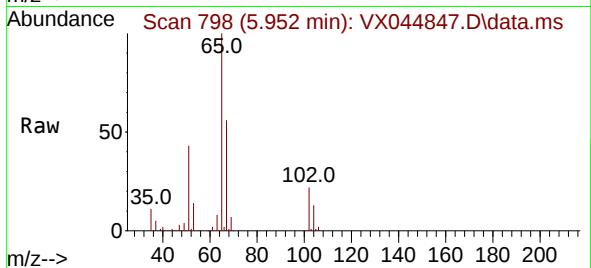
84 141.0 71.0 106.4#



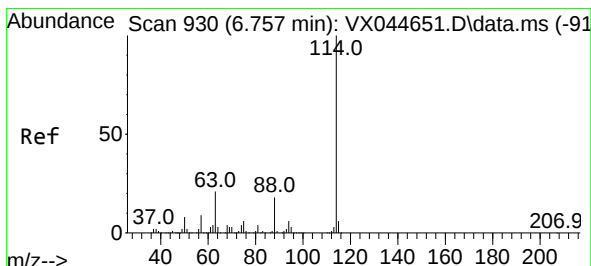
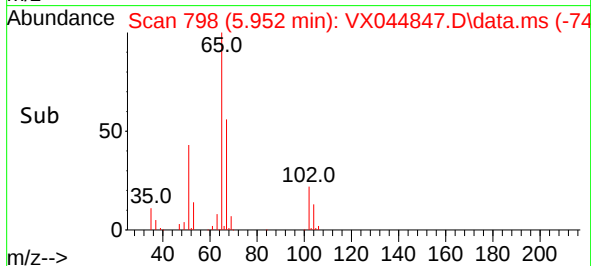
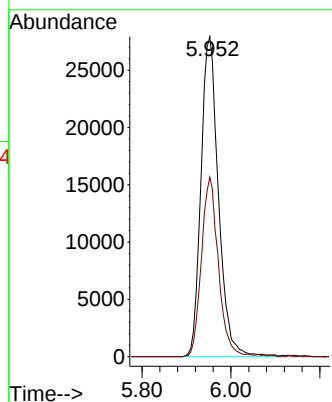


#33
 1,2-Dichloroethane-d4
 Concen: 48.700 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX044847.D
 Acq: 05 Feb 2025 16:36

Instrument :
 MSVOA_X
 ClientSampleId :

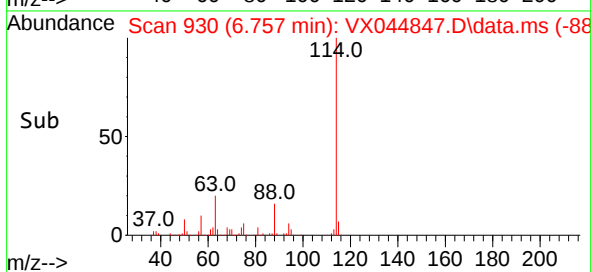
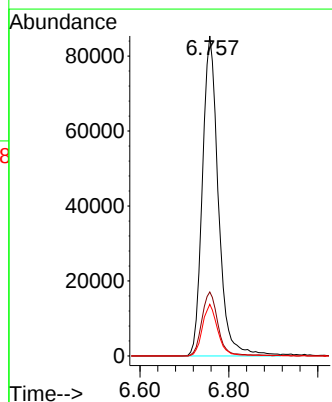
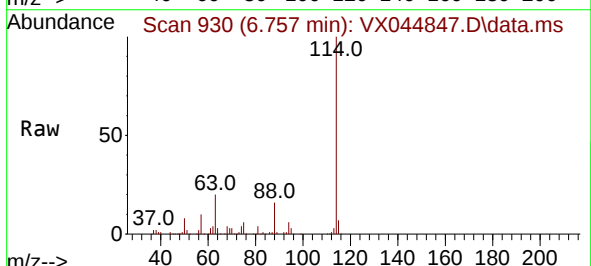


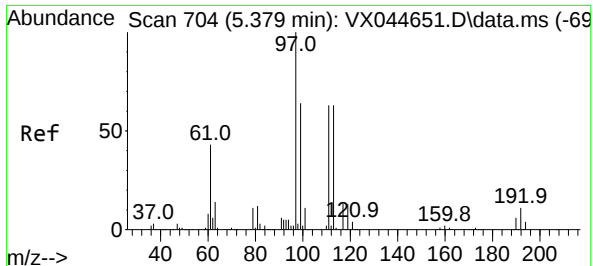
Tgt Ion: 65 Resp: 76643
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX044847.D
 Acq: 05 Feb 2025 16:36

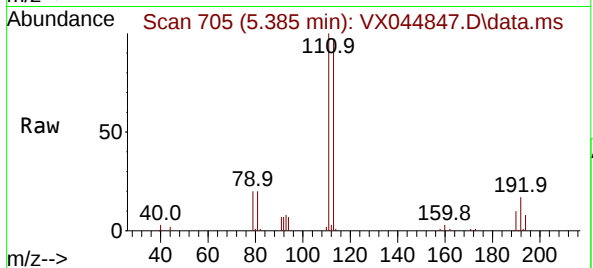
Tgt Ion: 114 Resp: 213502
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 43.0
 88 16.2 0.0 35.4



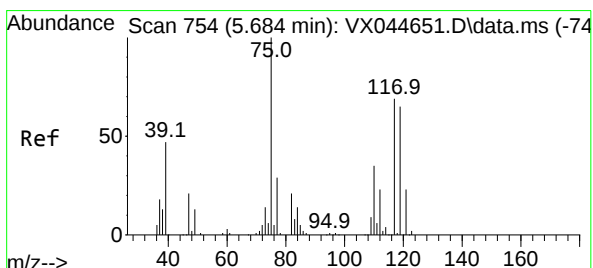
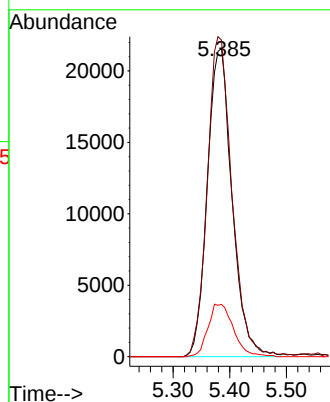
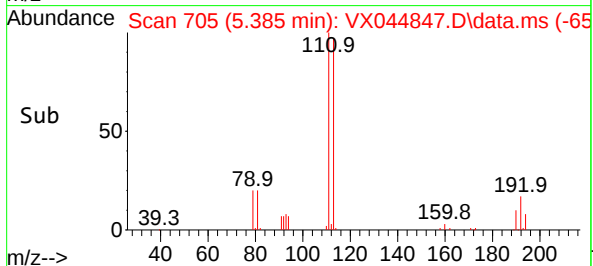


#35
Dibromofluoromethane
Concen: 48.232 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX044847.D
Acq: 05 Feb 2025 16:36

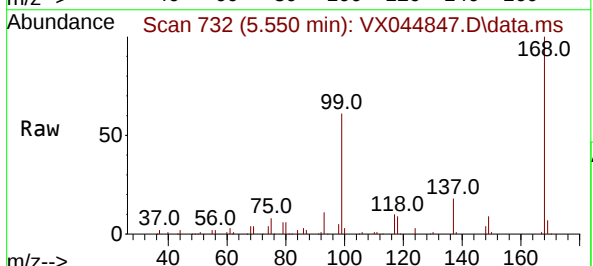
Instrument :
MSVOA_X
ClientSampleId :



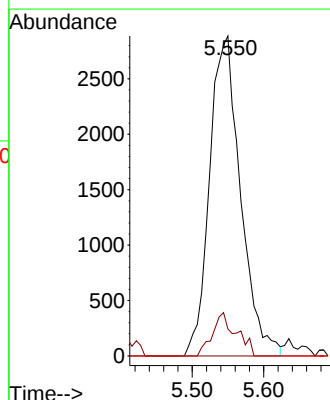
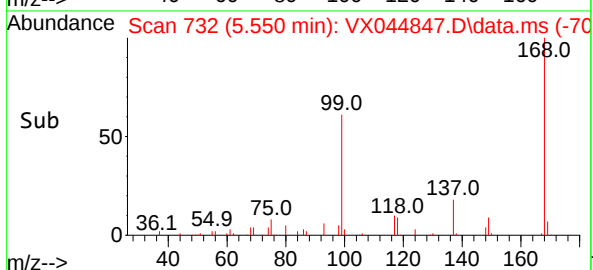
Tgt Ion:113 Resp: 65419
Ion Ratio Lower Upper
113 100
111 103.6 81.6 122.4
192 17.6 14.4 21.6

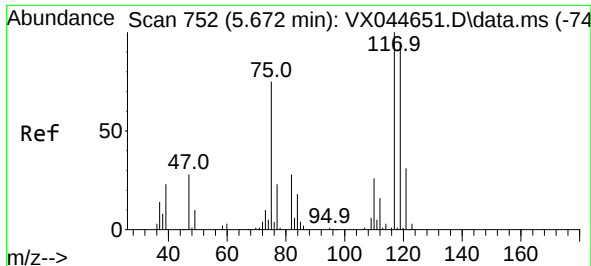


#36
1,1-Dichloropropene
Concen: 4.597 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX044847.D
Acq: 05 Feb 2025 16:36



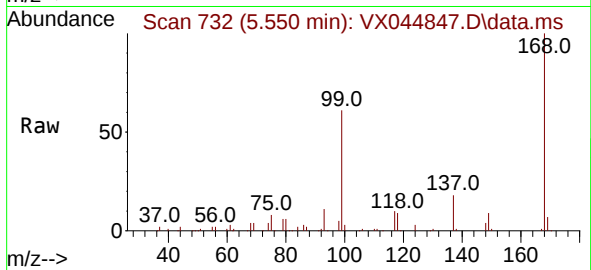
Tgt Ion: 75 Resp: 8679
Ion Ratio Lower Upper
75 100
110 10.4 17.9 53.8#
77 0.0 24.5 36.7#



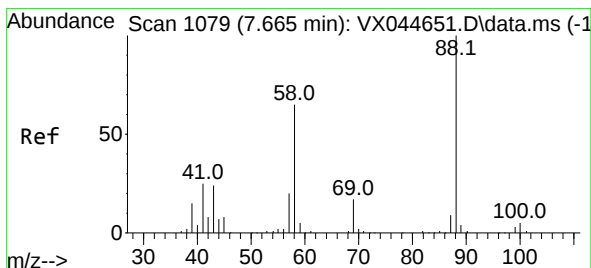
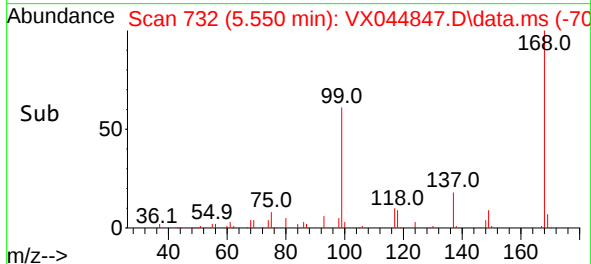
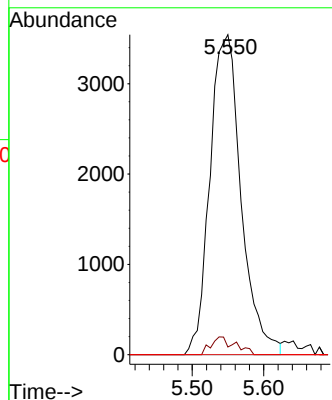


#38
Carbon Tetrachloride
Concen: 5.057 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX044847.D
Acq: 05 Feb 2025 16:36

Instrument :
MSVOA_X
ClientSampleId :

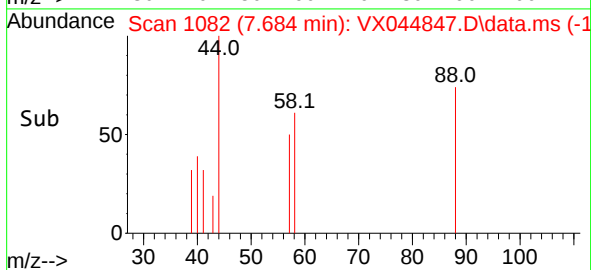
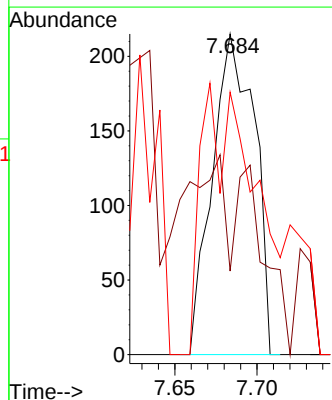
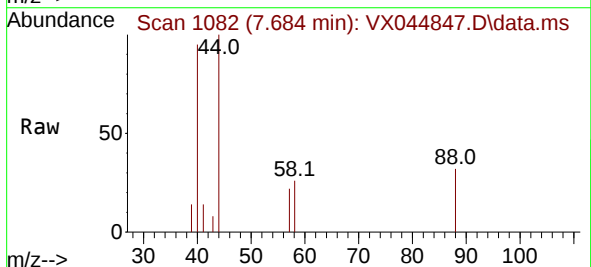


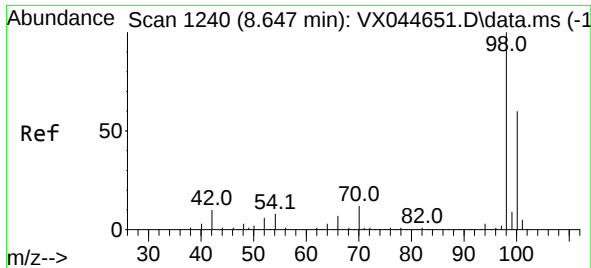
Tgt Ion:117 Resp: 10739
Ion Ratio Lower Upper
117 100
119 2.4 76.0 114.0#
121 0.0 24.6 36.8#



#49
1,4-Dioxane
Concen: 10.692 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. 0.018 min
Lab File: VX044847.D
Acq: 05 Feb 2025 16:36

Tgt Ion: 88 Resp: 383
Ion Ratio Lower Upper
88 100
43 29.0 27.0 40.4
58 41.0 55.8 83.8#

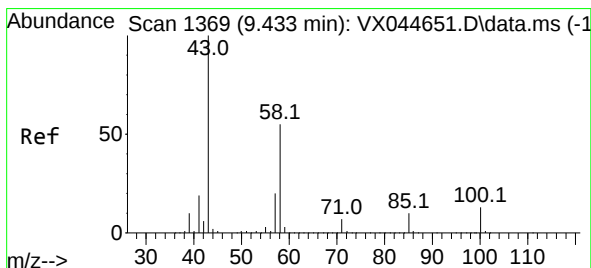
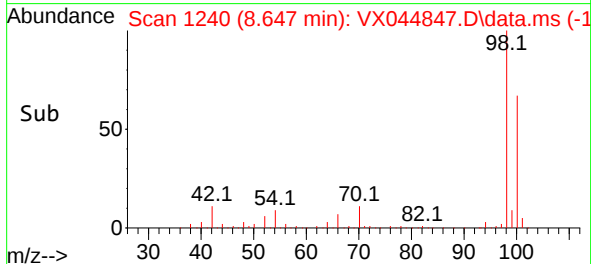
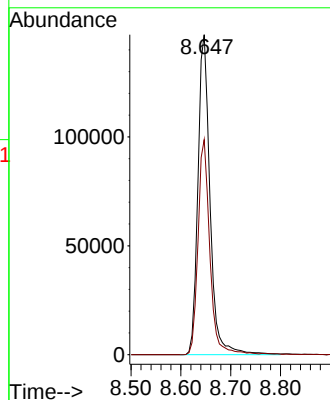
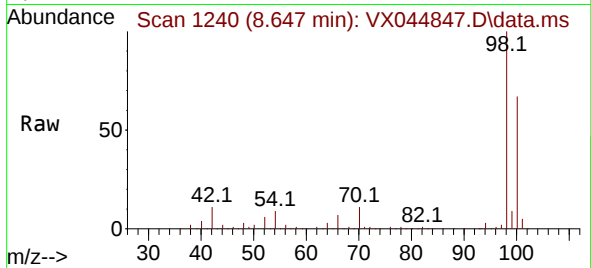




#50
Toluene-d8
Concen: 52.364 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044847.D
Acq: 05 Feb 2025 16:36

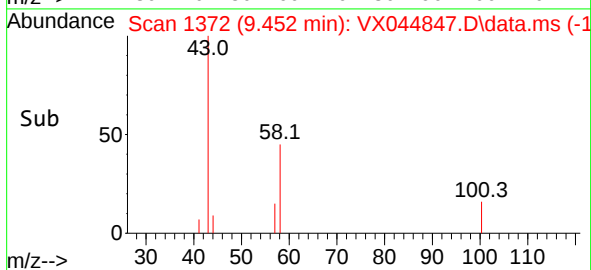
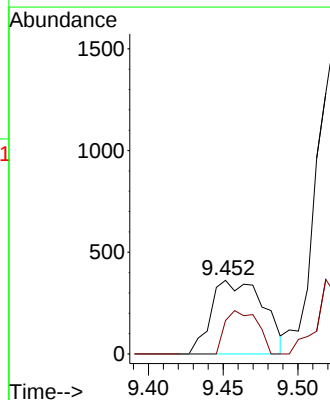
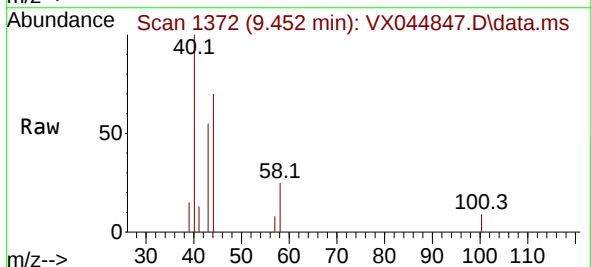
Instrument :
MSVOA_X
ClientSampleId :

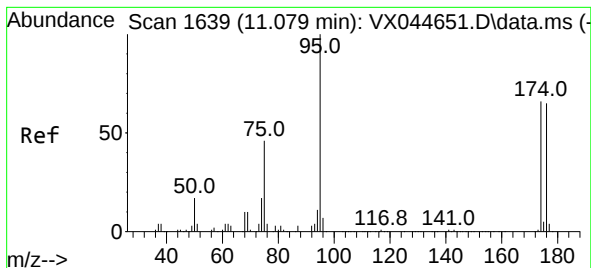
Tgt Ion: 98 Resp: 247646
Ion Ratio Lower Upper
98 100
100 65.5 53.2 79.8



#59
2-Hexanone
Concen: 0.585 ug/l
RT: 9.452 min Scan# 1372
Delta R.T. 0.018 min
Lab File: VX044847.D
Acq: 05 Feb 2025 16:36

Tgt Ion: 43 Resp: 879
Ion Ratio Lower Upper
43 100
58 36.6 27.8 83.3

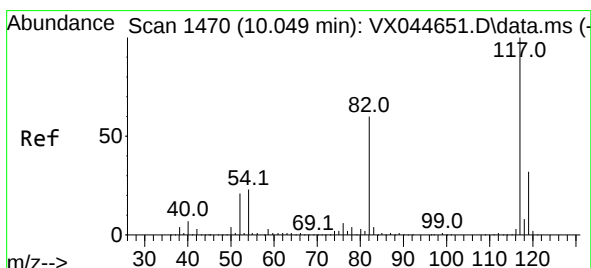
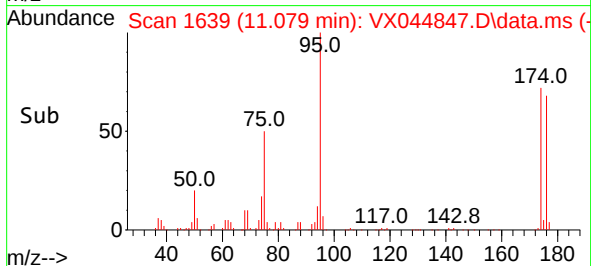
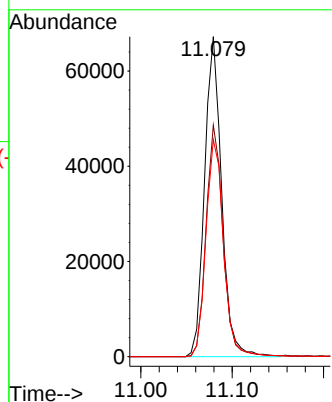
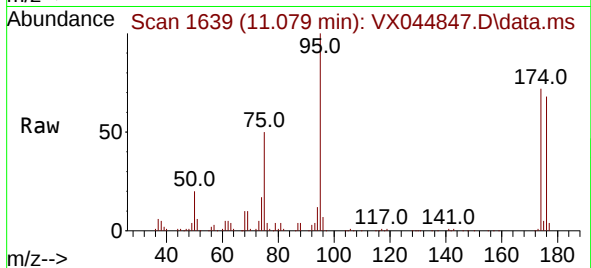




#62
4-Bromofluorobenzene
Concen: 49.288 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044847.D
Acq: 05 Feb 2025 16:36

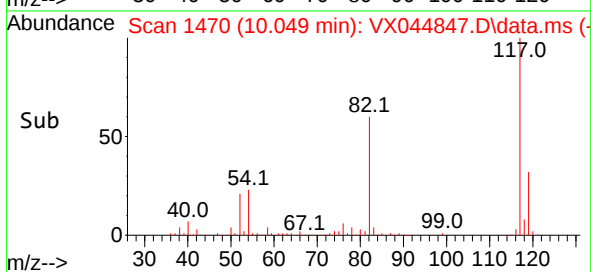
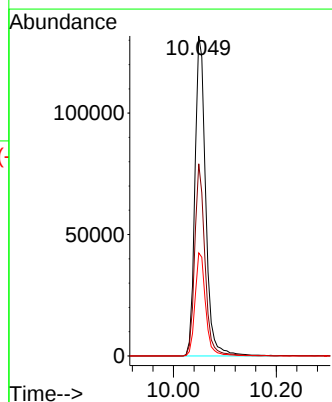
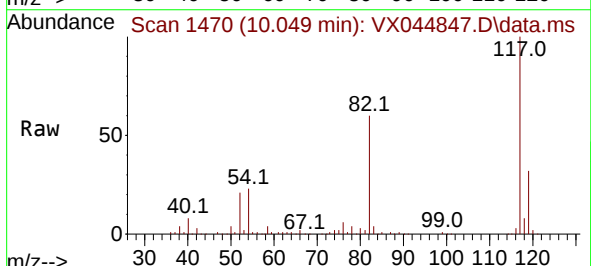
Instrument :
MSVOA_X
ClientSampleId :

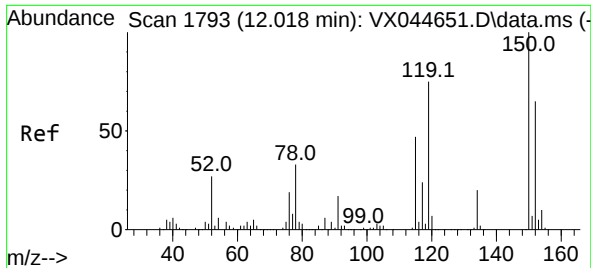
Tgt Ion: 95 Resp: 86896
Ion Ratio Lower Upper
95 100
174 72.5 0.0 133.0
176 70.0 0.0 129.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044847.D
Acq: 05 Feb 2025 16:36

Tgt Ion: 117 Resp: 191945
Ion Ratio Lower Upper
117 100
82 60.0 47.6 71.4
119 32.2 25.4 38.2

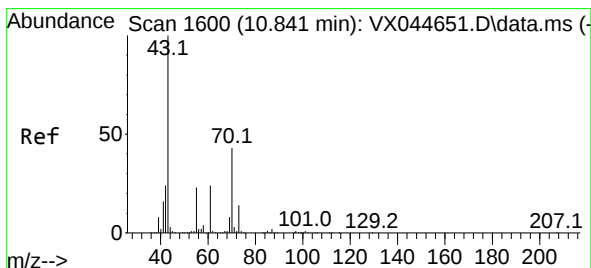
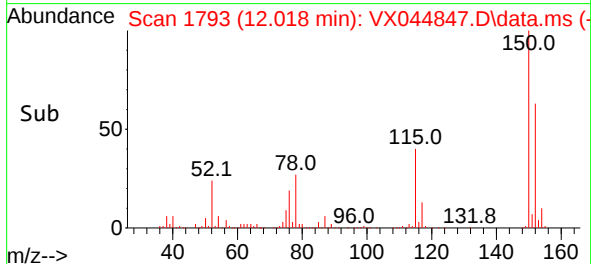
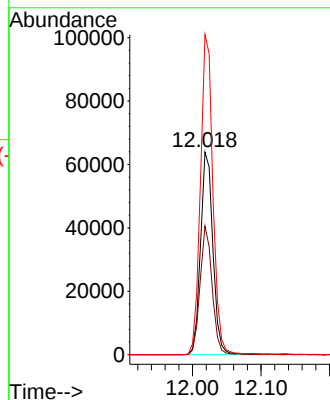
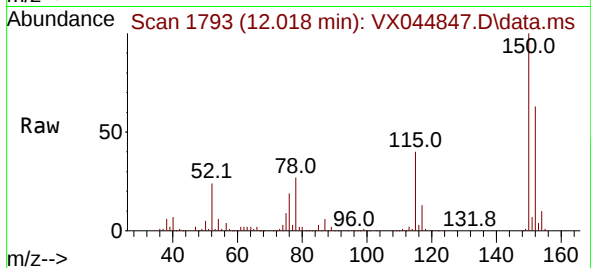




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX044847.D
 Acq: 05 Feb 2025 16:36

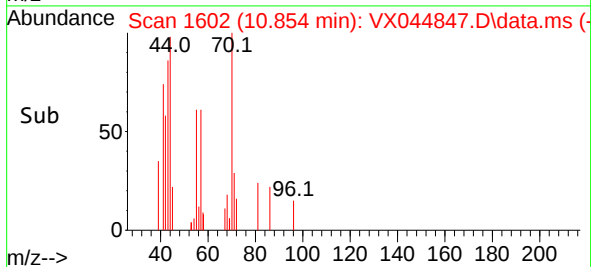
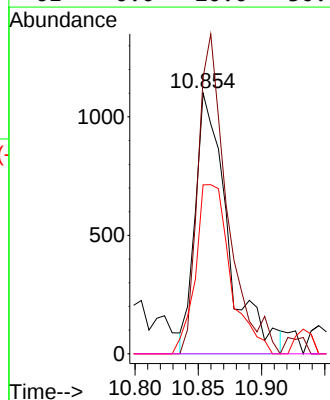
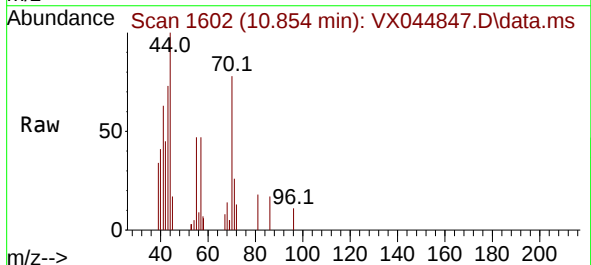
Instrument :
 MSVOA_X
 ClientSampleId :

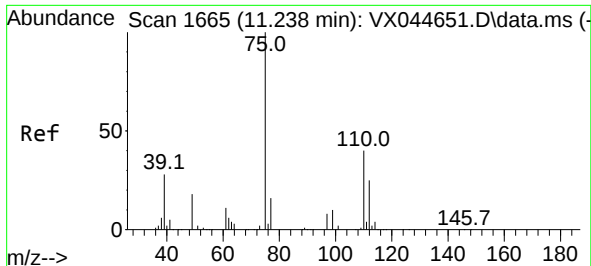
Tgt Ion:152 Resp: 80830
 Ion Ratio Lower Upper
 152 100
 115 61.7 43.8 131.4
 150 158.8 0.0 347.8



#74
 N-ethyl acetate
 Concen: 0.606 ug/l
 RT: 10.854 min Scan# 1602
 Delta R.T. 0.012 min
 Lab File: VX044847.D
 Acq: 05 Feb 2025 16:36

Tgt Ion: 43 Resp: 1973
 Ion Ratio Lower Upper
 43 100
 70 109.5 35.2 52.8#
 55 69.4 19.0 28.4#
 61 0.0 20.0 30.0#

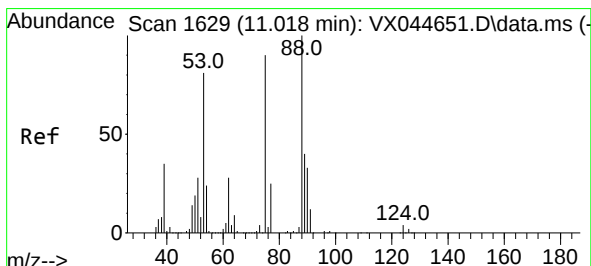
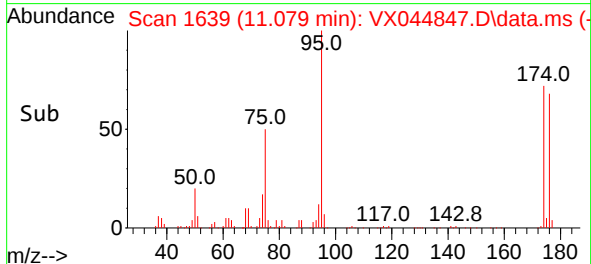
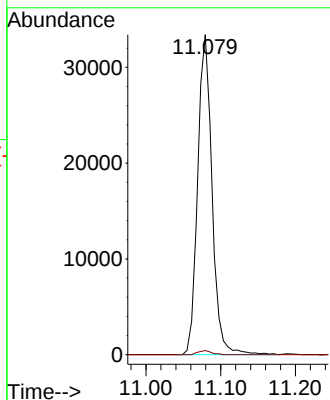
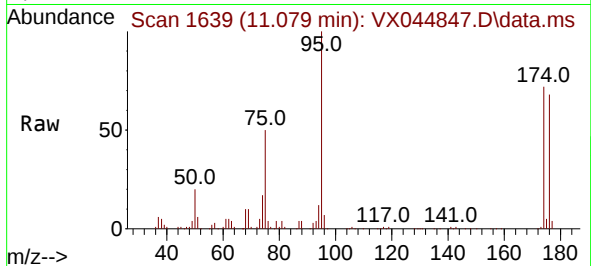




#76
1,2,3-Trichloropropane
Concen: 22.770 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX044847.D
Acq: 05 Feb 2025 16:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 44666
Ion Ratio Lower Upper
75 100
77 1.2 23.4 70.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 52.071 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044847.D
Acq: 05 Feb 2025 16:36

Tgt Ion: 75 Resp: 44666
Ion Ratio Lower Upper
75 100
53 0.0 74.3 111.5#
89 0.0 37.4 56.0#

