

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020525\
 Data File : VX044851.D
 Acq On : 05 Feb 2025 18:09
 Operator : JC/MD
 Sample : Q1250-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 06 04:42:24 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)

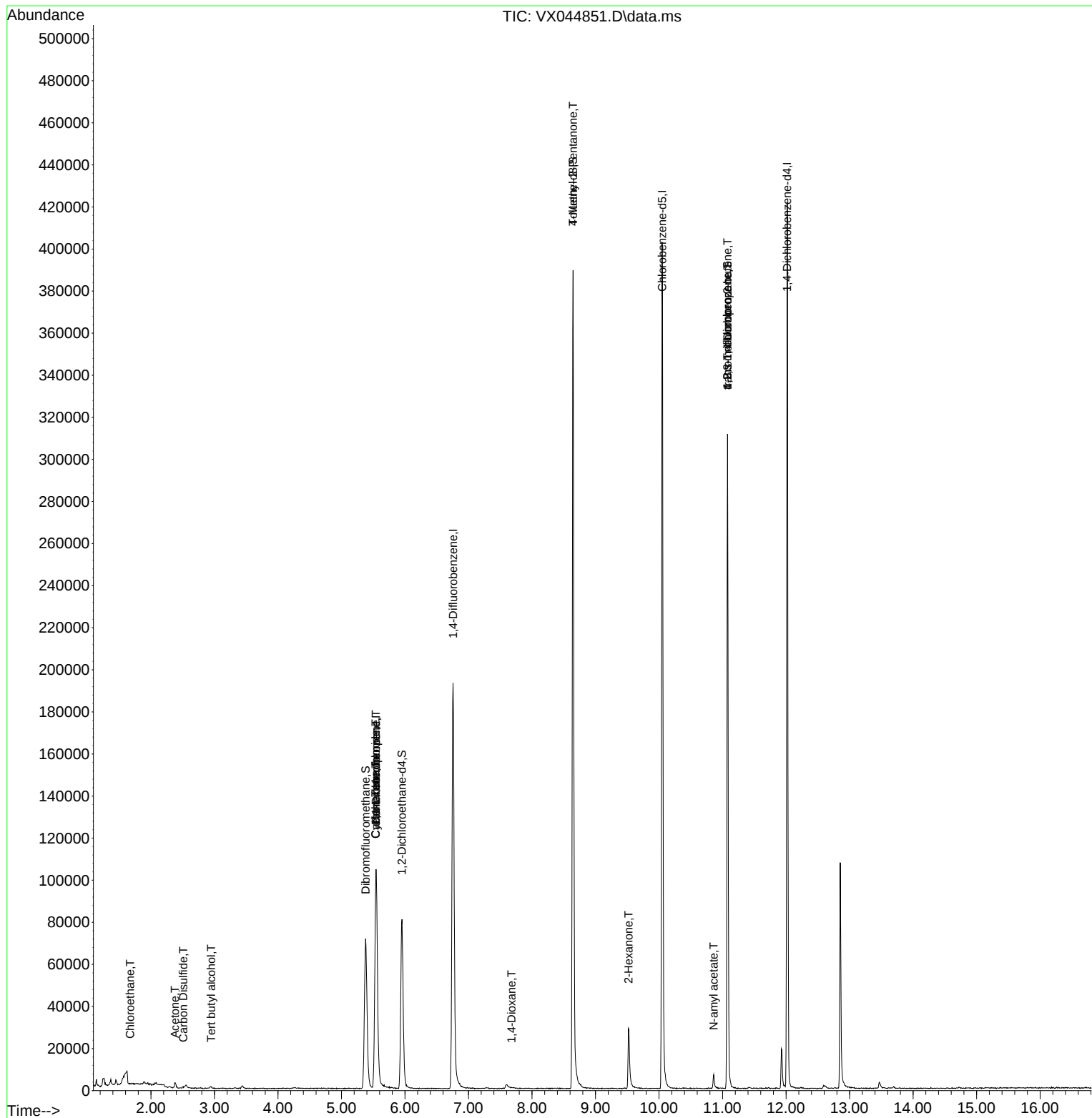
Internal Standards						
1) Pentafluorobenzene	5.544	168	100699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	204587	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	187152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	81056	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74494	49.010	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.020%		
35) Dibromofluoromethane	5.379	113	63349	48.741	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.480%		
50) Toluene-d8	8.647	98	242768	53.570	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	107.140%		
62) 4-Bromofluorobenzene	11.079	95	84311	49.905	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.820%		
Target Compounds						
					Qvalue	
6) Chloroethane	1.673	64	280	1.055	ug/l #	41
11) Tert butyl alcohol	2.947	59	322	0.950	ug/l #	85
16) Acetone	2.380	43	2636	4.383	ug/l	91
17) Carbon Disulfide	2.508	76	830	0.258	ug/l #	75
31) Cyclohexane	5.538	56	2382	1.245	ug/l #	7
36) 1,1-Dichloropropene	5.544	75	8627	4.768	ug/l #	48
38) Carbon Tetrachloride	5.538	117	10186	5.005	ug/l #	18
49) 1,4-Dioxane	7.678	88	95	2.768	ug/l #	1
51) 4-Methyl-2-Pentanone	8.647	43	1139	0.582	ug/l #	1
59) 2-Hexanone	9.519	43	5113	3.548	ug/l #	44
74) N-amyl acetate	10.860	43	1180	0.362	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	43489	22.108	ug/l #	31
81) trans-1,4-Dichloro-2-b...	11.079	75	43489	50.558	ug/l #	12

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

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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

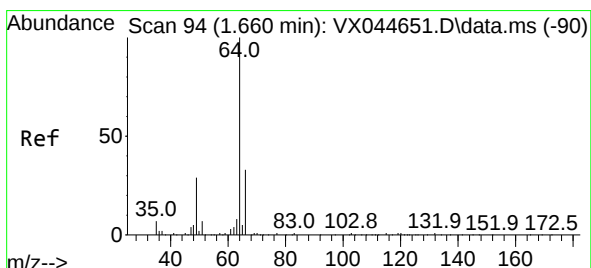
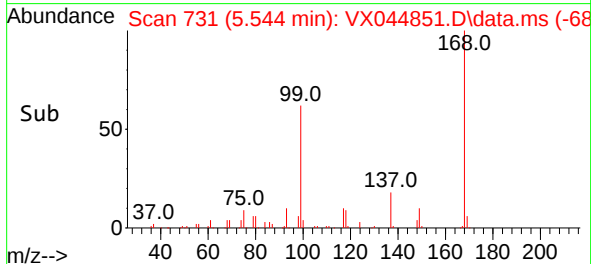
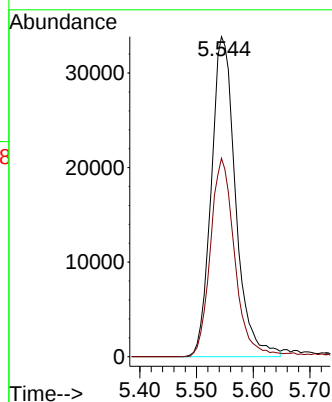
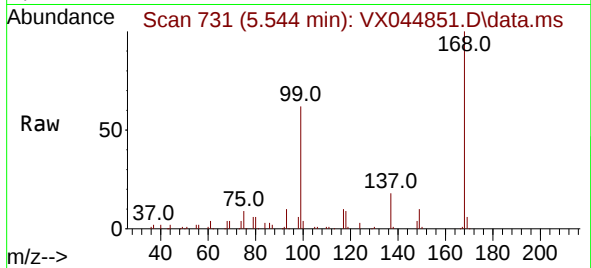




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044851.D
Acq: 05 Feb 2025 18:09

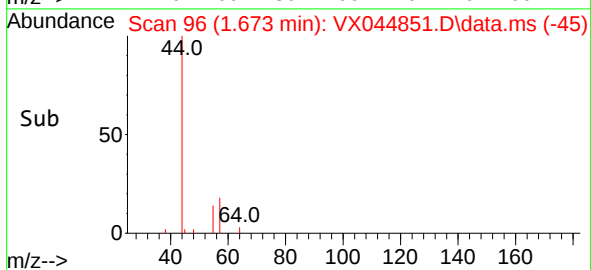
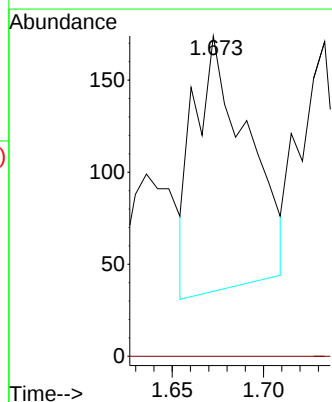
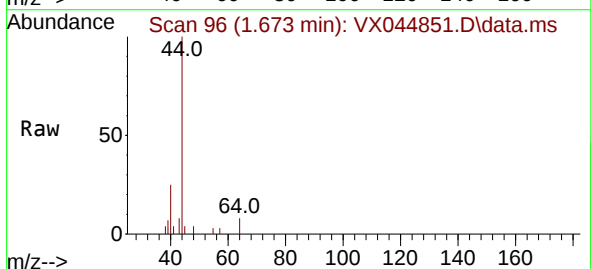
Instrument :
MSVOA_X
ClientSampleId :

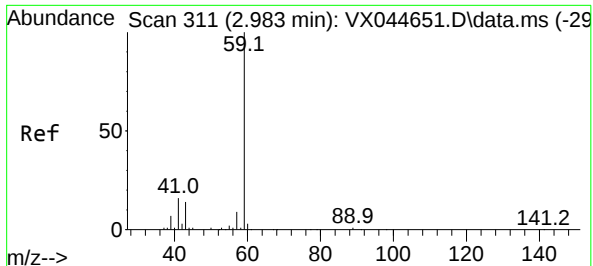
Tgt Ion:168 Resp: 100699
Ion Ratio Lower Upper
168 100
99 62.0 51.1 76.7



#6
Chloroethane
Concen: 1.055 ug/l
RT: 1.673 min Scan# 96
Delta R.T. 0.012 min
Lab File: VX044851.D
Acq: 05 Feb 2025 18:09

Tgt Ion: 64 Resp: 280
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#





#11

Tert butyl alcohol

Concen: 0.950 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.036 min

Lab File: VX044851.D

Acq: 05 Feb 2025 18:09

Instrument :

MSVOA_X

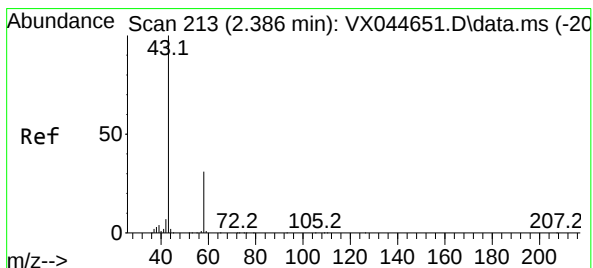
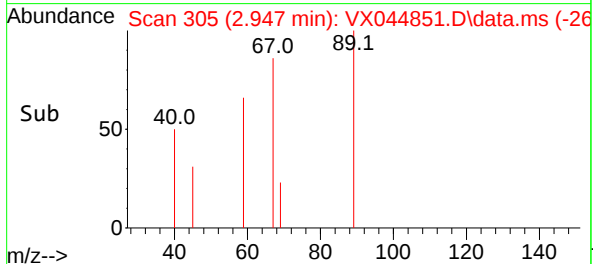
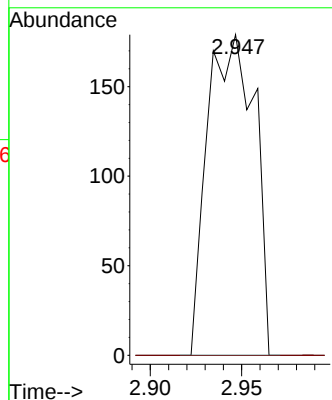
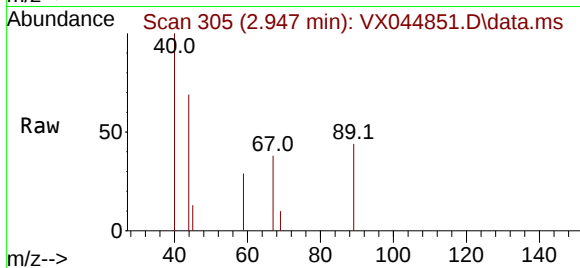
ClientSampleId :

Tgt Ion: 59 Resp: 322

Ion Ratio Lower Upper

59 100

57 0.0 3.9 5.9#



#16

Acetone

Concen: 4.383 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX044851.D

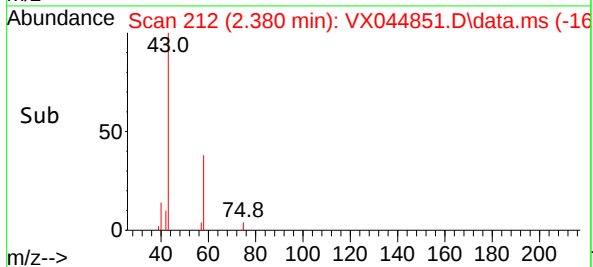
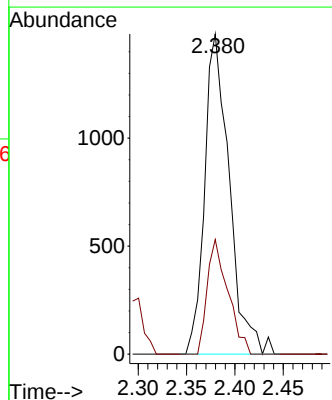
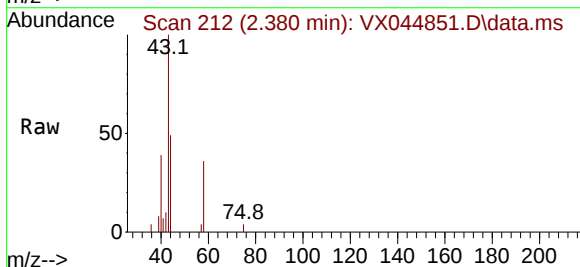
Acq: 05 Feb 2025 18:09

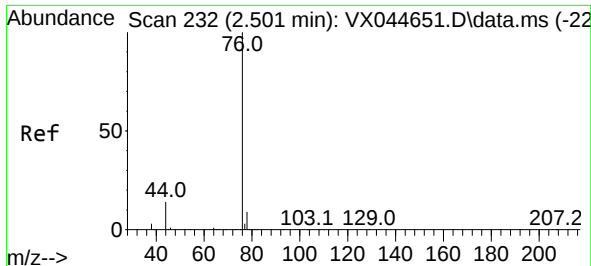
Tgt Ion: 43 Resp: 2636

Ion Ratio Lower Upper

43 100

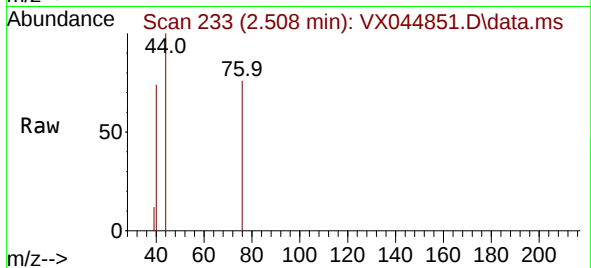
58 35.8 24.6 37.0



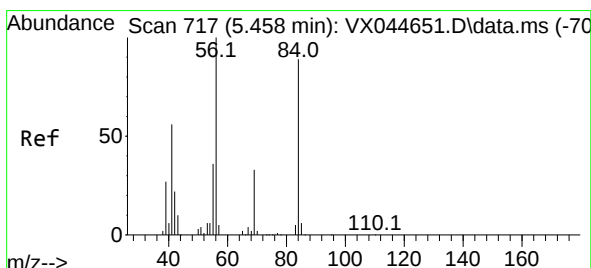
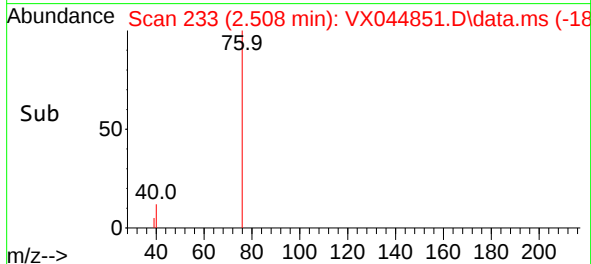
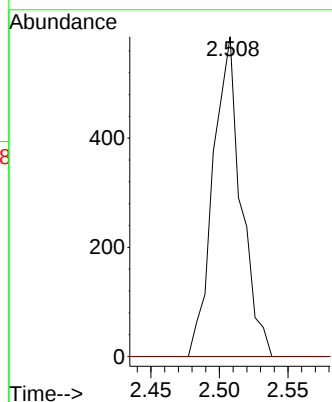


#17
Carbon Disulfide
Concen: 0.258 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX044851.D
Acq: 05 Feb 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :

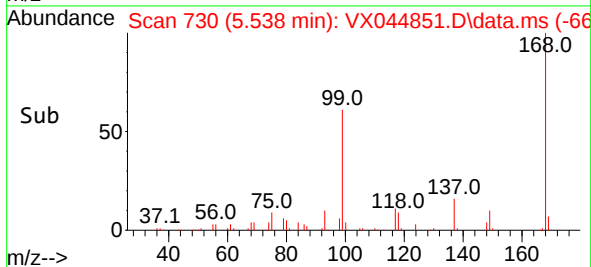
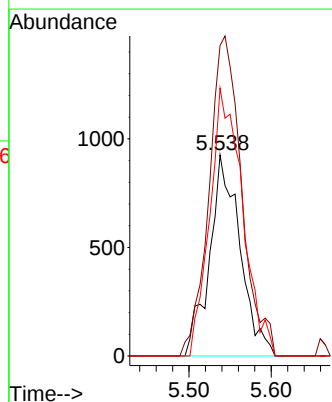
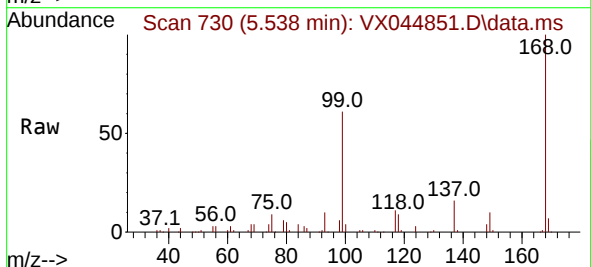


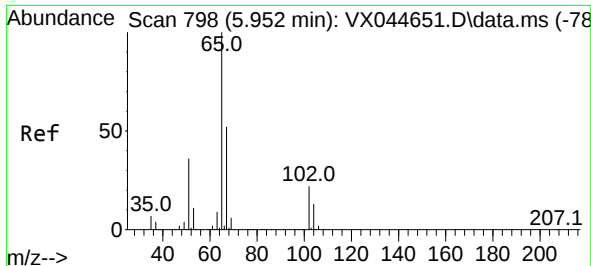
Tgt Ion: 76 Resp: 830
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#



#31
Cyclohexane
Concen: 1.245 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.079 min
Lab File: VX044851.D
Acq: 05 Feb 2025 18:09

Tgt Ion: 56 Resp: 2382
Ion Ratio Lower Upper
56 100
69 154.4 26.8 40.2#
84 133.3 71.0 106.4#





#33

1,2-Dichloroethane-d4

Concen: 49.010 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX044851.D

Acq: 05 Feb 2025 18:09

Instrument :

MSVOA_X

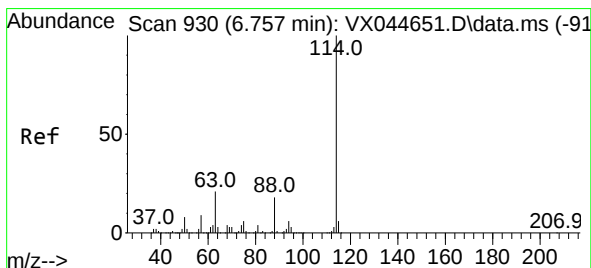
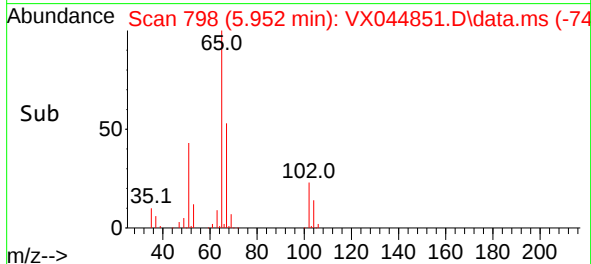
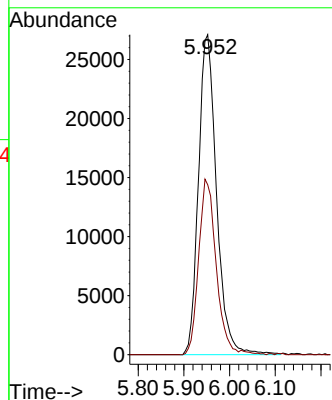
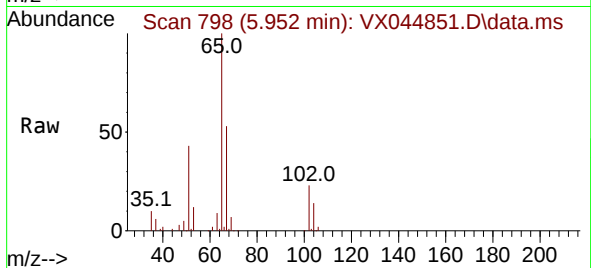
ClientSampleId :

Tgt Ion: 65 Resp: 74494

Ion Ratio Lower Upper

65 100

67 53.4 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: VX044851.D

Acq: 05 Feb 2025 18:09

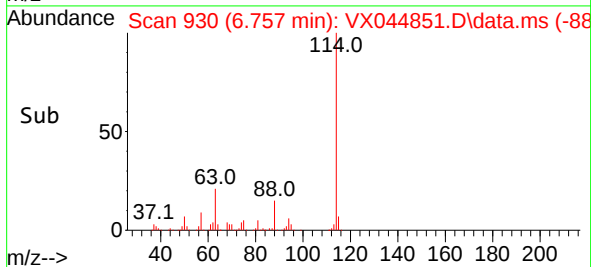
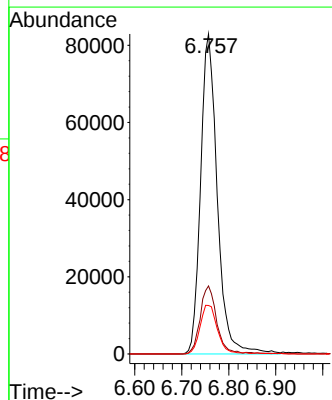
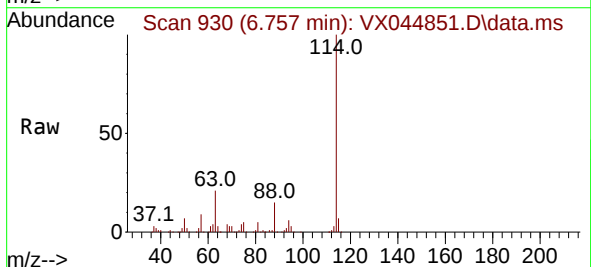
Tgt Ion: 114 Resp: 204587

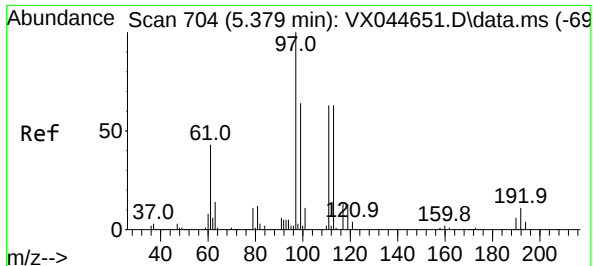
Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.0

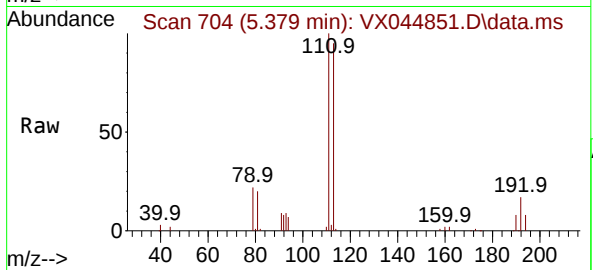
88 15.2 0.0 35.4



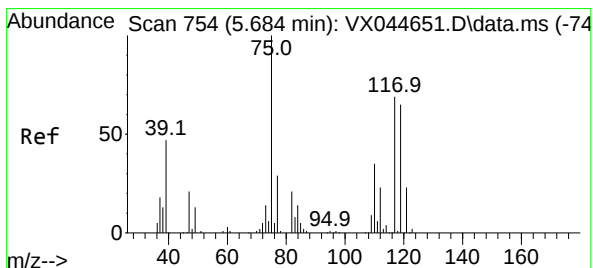
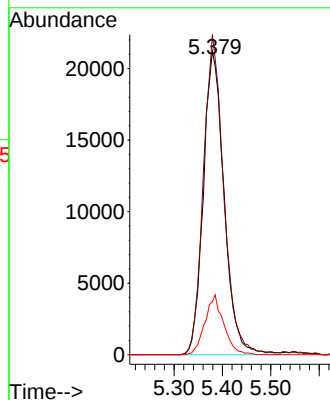
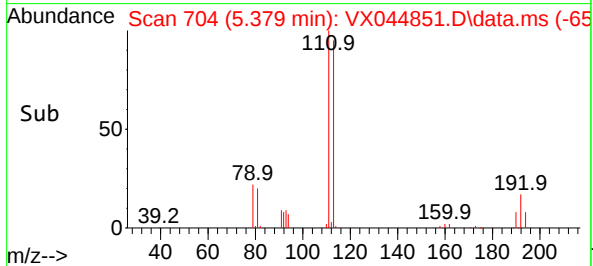


#35
 Dibromofluoromethane
 Concen: 48.741 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. 0.000 min
 Lab File: VX044851.D
 Acq: 05 Feb 2025 18:09

Instrument :
 MSVOA_X
 ClientSampleId :

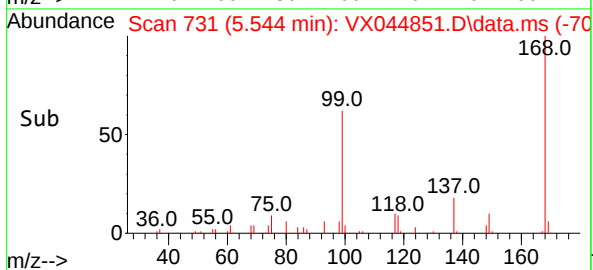
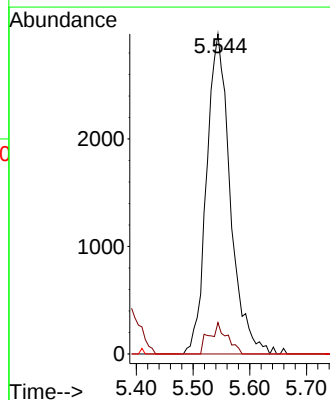
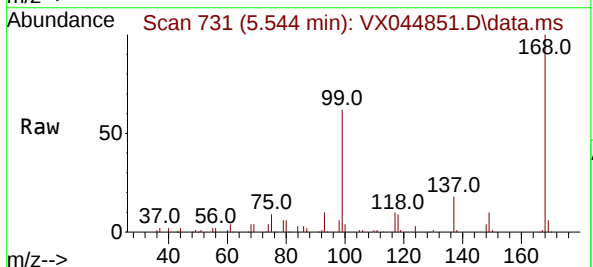


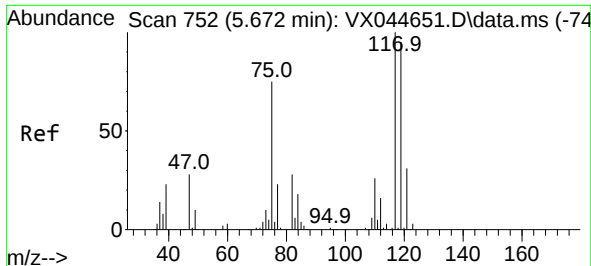
Tgt Ion:113 Resp: 63349
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.6 122.4
 192 17.7 14.4 21.6



#36
 1,1-Dichloropropene
 Concen: 4.768 ug/l
 RT: 5.544 min Scan# 731
 Delta R.T. -0.140 min
 Lab File: VX044851.D
 Acq: 05 Feb 2025 18:09

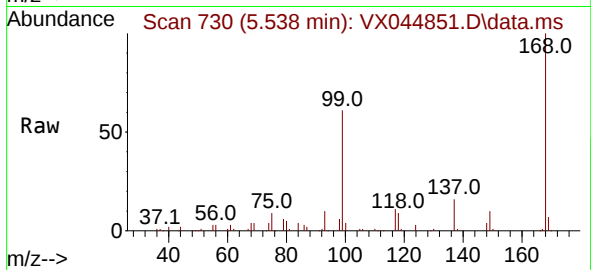
Tgt Ion: 75 Resp: 8627
 Ion Ratio Lower Upper
 75 100
 110 7.4 17.9 53.8#
 77 0.0 24.5 36.7#



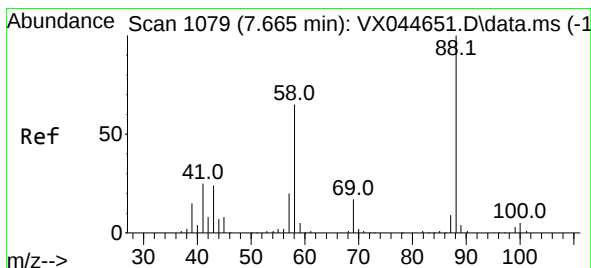
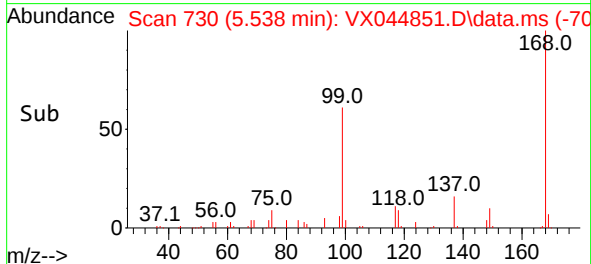
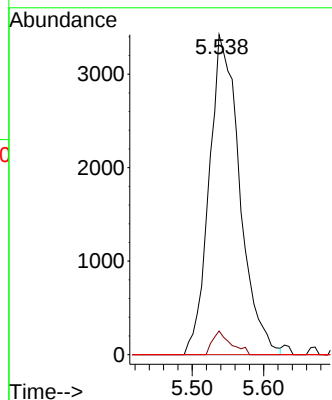


#38
Carbon Tetrachloride
Concen: 5.005 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX044851.D
Acq: 05 Feb 2025 18:09

Instrument :
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ClientSampleId :

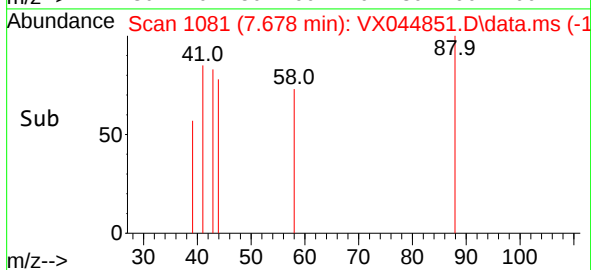
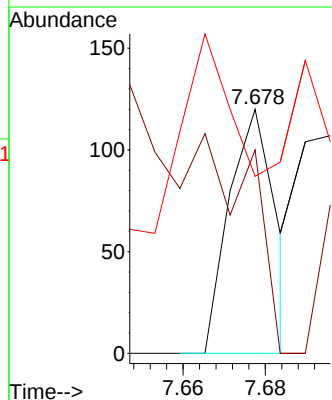
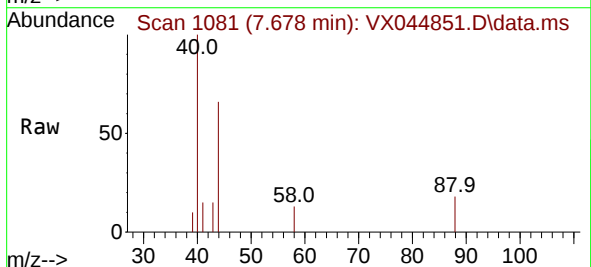


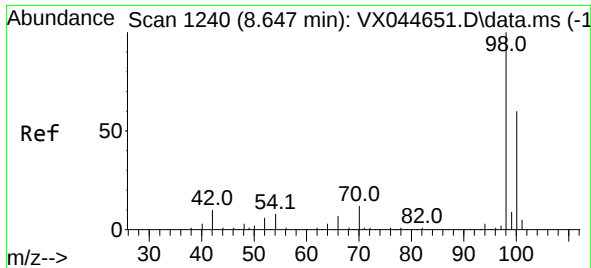
Tgt Ion:117 Resp: 10186
Ion Ratio Lower Upper
117 100
119 7.4 76.0 114.0#
121 0.0 24.6 36.8#



#49
1,4-Dioxane
Concen: 2.768 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.012 min
Lab File: VX044851.D
Acq: 05 Feb 2025 18:09

Tgt Ion: 88 Resp: 95
Ion Ratio Lower Upper
88 100
43 0.0 27.0 40.4#
58 182.1 55.8 83.8#

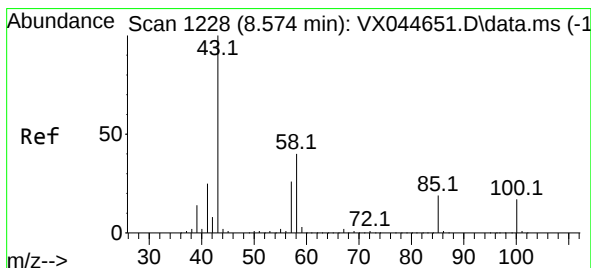
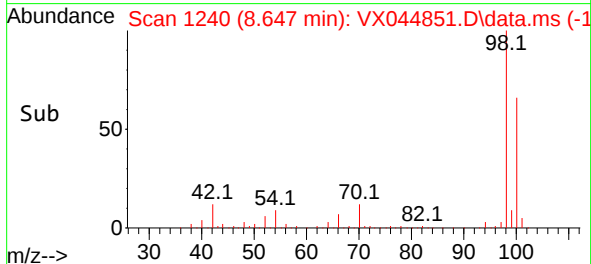
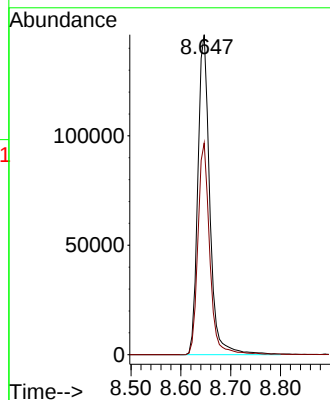
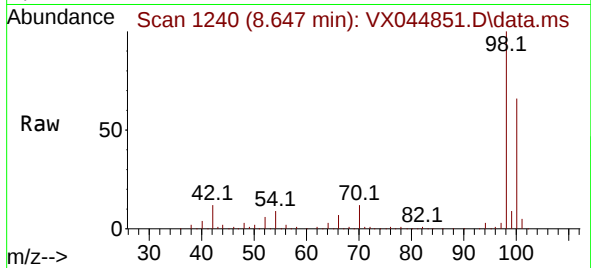




#50
Toluene-d8
Concen: 53.570 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044851.D
Acq: 05 Feb 2025 18:09

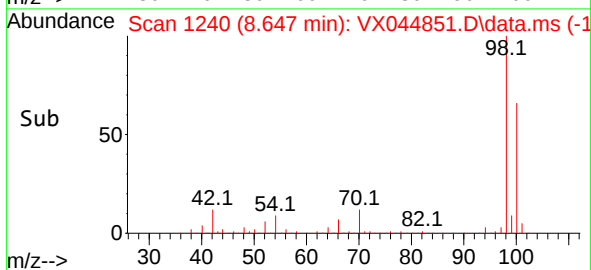
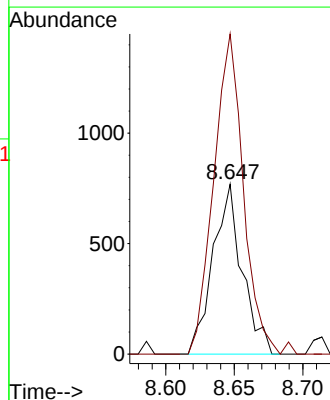
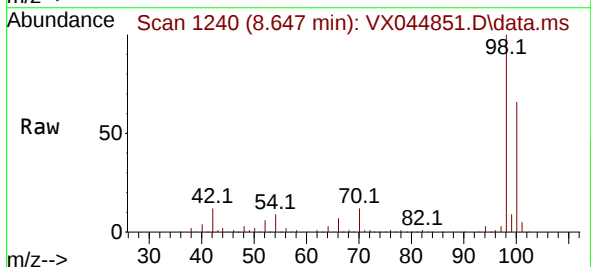
Instrument :
MSVOA_X
ClientSampleId :

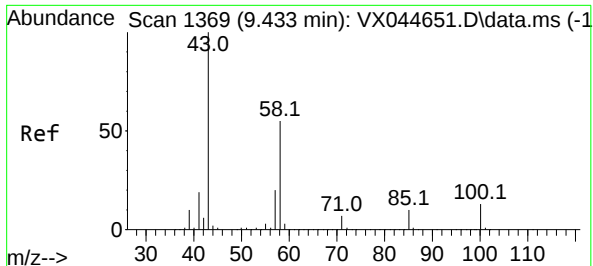
Tgt Ion: 98 Resp: 242768
Ion Ratio Lower Upper
98 100
100 65.7 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 0.582 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX044851.D
Acq: 05 Feb 2025 18:09

Tgt Ion: 43 Resp: 1139
Ion Ratio Lower Upper
43 100
58 192.9 31.9 47.9#





#59

2-Hexanone

Concen: 3.548 ug/l

RT: 9.519 min Scan# 11

Delta R.T. 0.086 min

Lab File: VX044851.D

Acq: 05 Feb 2025 18:09

Instrument :

MSVOA_X

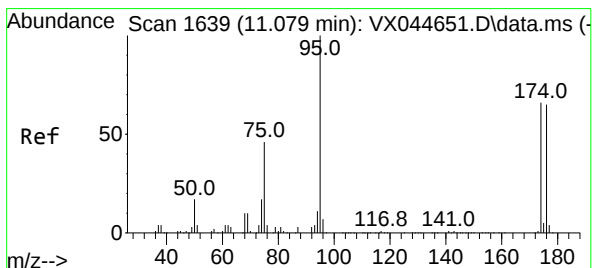
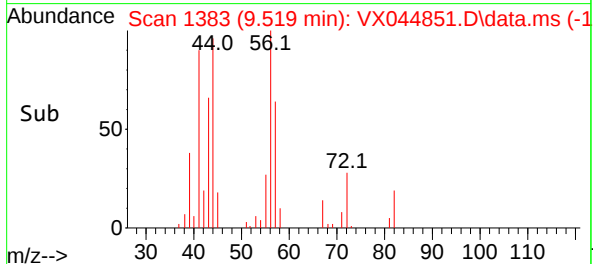
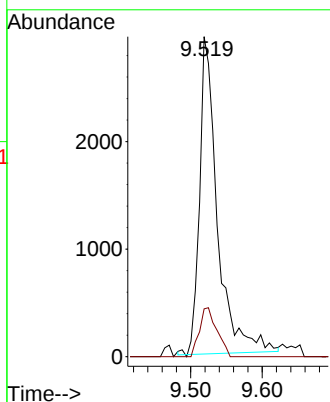
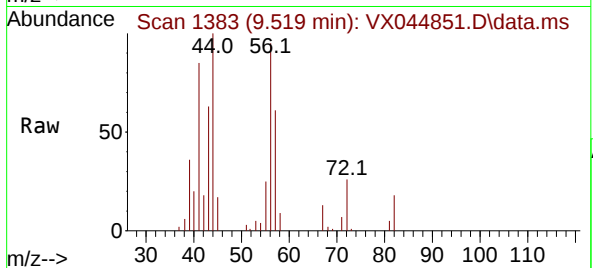
ClientSampleId :

Tgt Ion: 43 Resp: 5113

Ion Ratio Lower Upper

43 100

58 15.0 27.8 83.3#



#62

4-Bromofluorobenzene

Concen: 49.905 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX044851.D

Acq: 05 Feb 2025 18:09

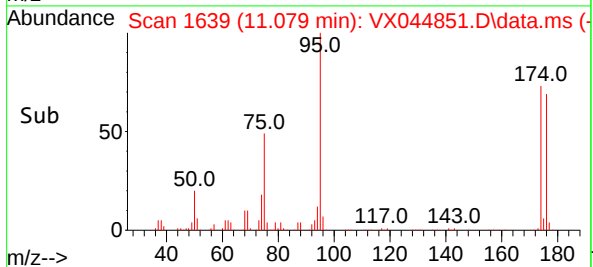
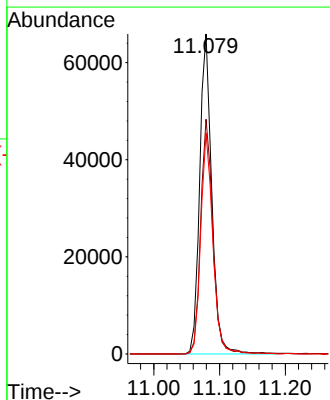
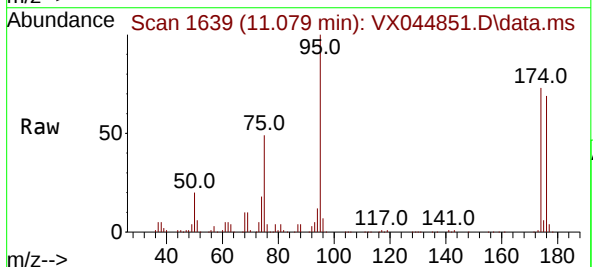
Tgt Ion: 95 Resp: 84311

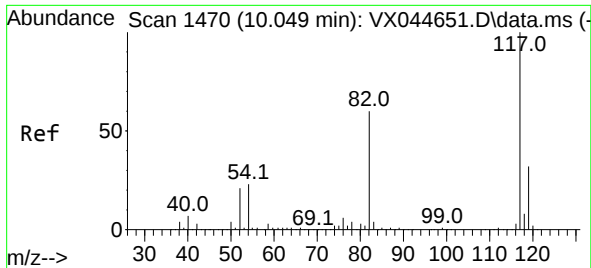
Ion Ratio Lower Upper

95 100

174 74.0 0.0 133.0

176 68.9 0.0 129.4

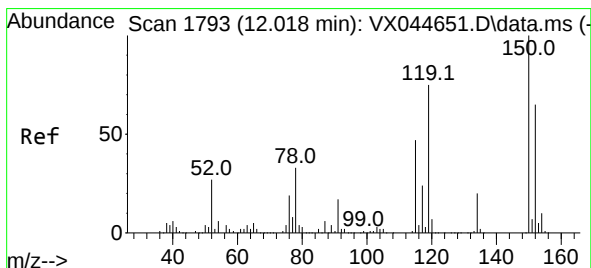
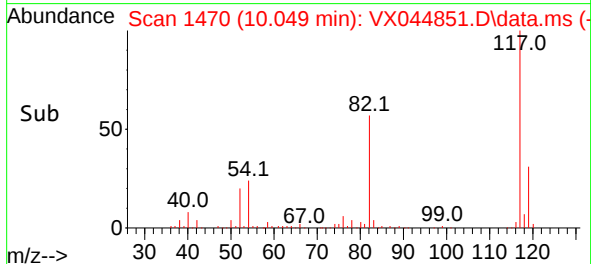
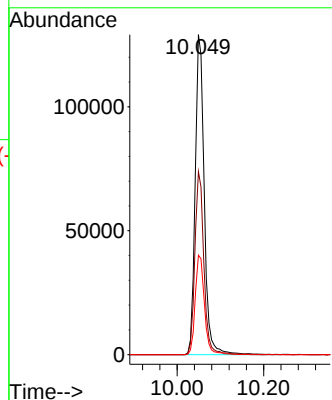
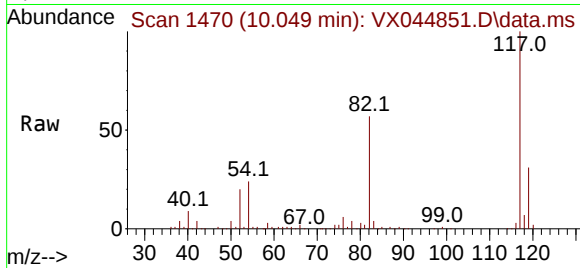




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044851.D
Acq: 05 Feb 2025 18:09

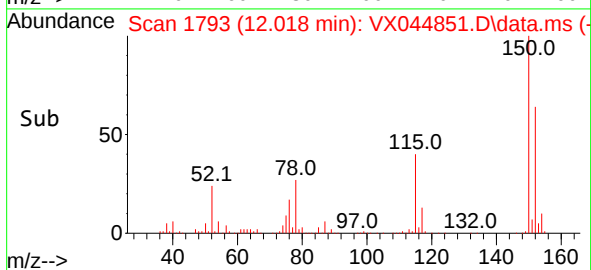
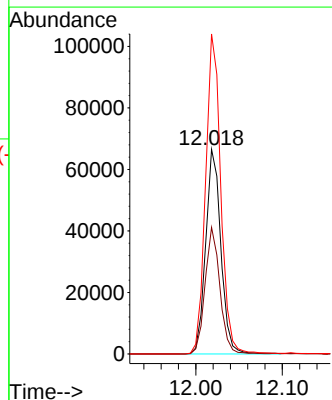
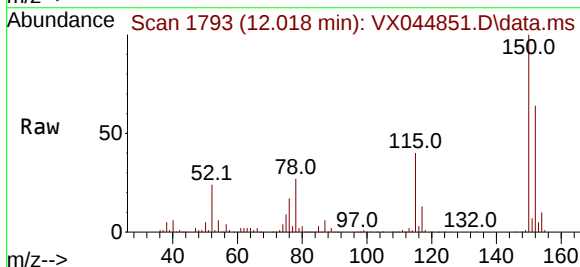
Instrument :
MSVOA_X
ClientSampleId :

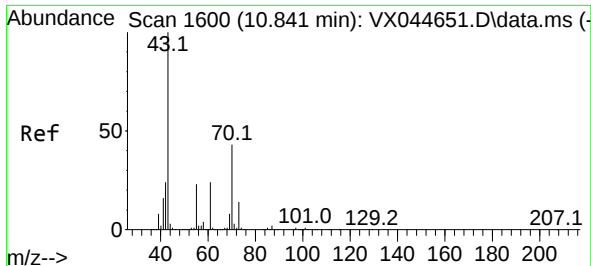
Tgt Ion:117 Resp: 187152
Ion Ratio Lower Upper
117 100
82 57.2 47.6 71.4
119 31.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044851.D
Acq: 05 Feb 2025 18:09

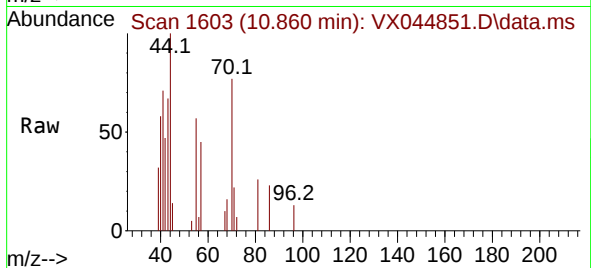
Tgt Ion:152 Resp: 81056
Ion Ratio Lower Upper
152 100
115 60.2 43.8 131.4
150 156.1 0.0 347.8



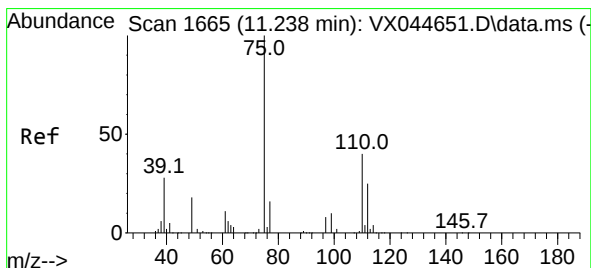
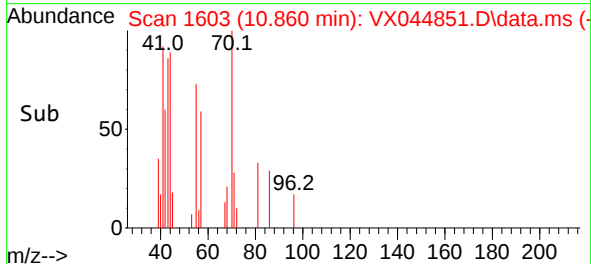
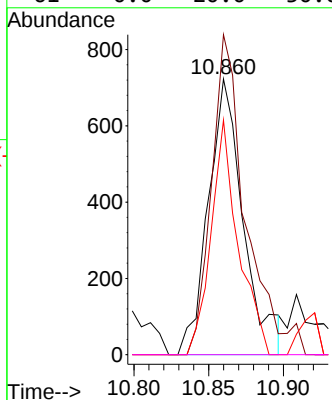


#74
N-amy1 acetate
Concen: 0.362 ug/l
RT: 10.860 min Scan# 1603
Delta R.T. 0.018 min
Lab File: VX044851.D
Acq: 05 Feb 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :

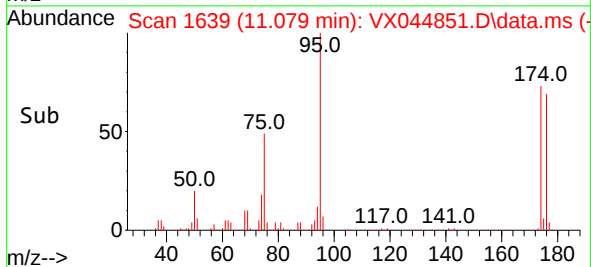
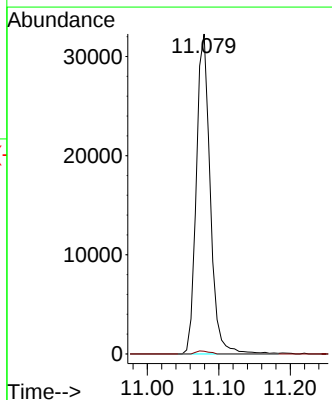
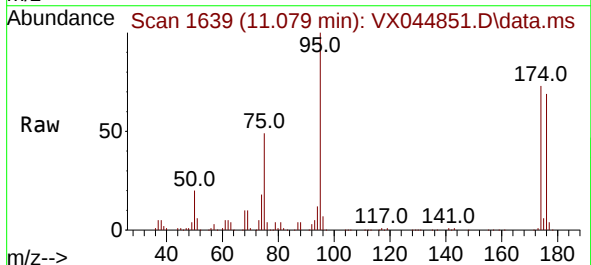


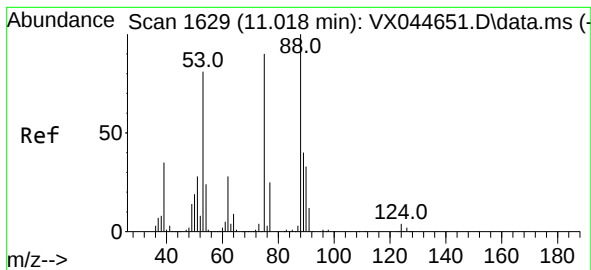
Tgt Ion: 43	Resp: 1180
Ion Ratio	Lower Upper
43	100
70	113.1 35.2 52.8#
55	65.9 19.0 28.4#
61	0.0 20.0 30.0#



#76
1,2,3-Trichloropropane
Concen: 22.108 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX044851.D
Acq: 05 Feb 2025 18:09

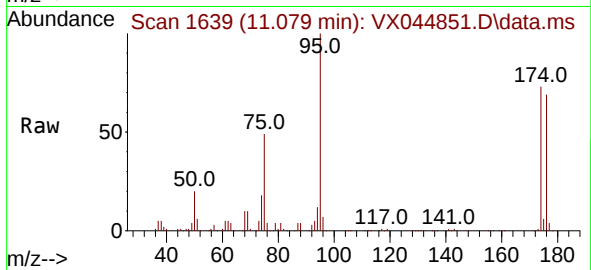
Tgt Ion: 75	Resp: 43489
Ion Ratio	Lower Upper
75	100
77	0.9 23.4 70.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 50.558 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX044851.D
Acq: 05 Feb 2025 18:09

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 43489
Ion Ratio Lower Upper
75 100
53 0.0 74.3 111.5#
89 0.0 37.4 56.0#

