

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020525\
 Data File : VX044840.D
 Acq On : 05 Feb 2025 13:54
 Operator : JC/MD
 Sample : Q1268-04RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 06 04:38:33 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)

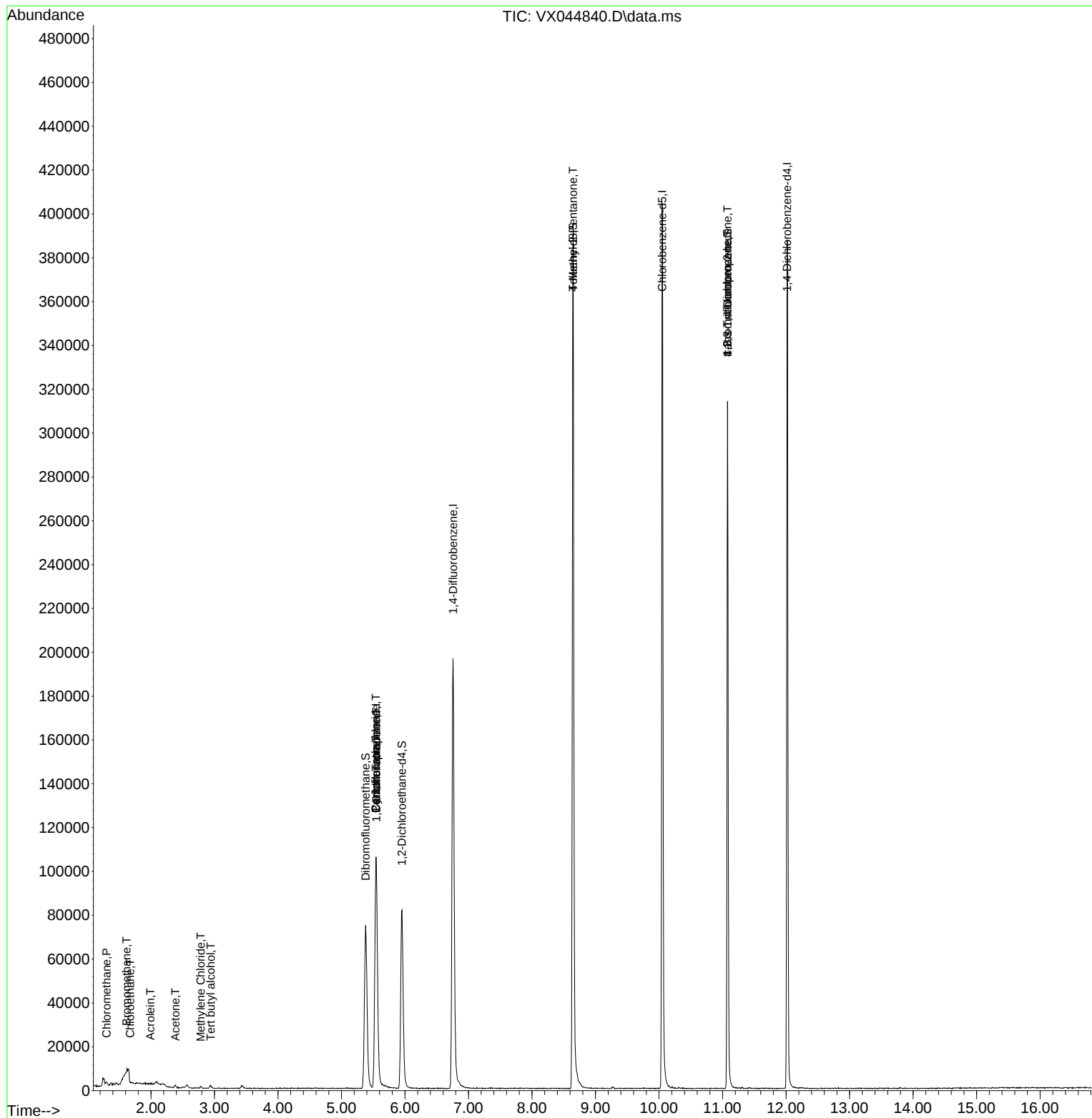
Internal Standards						
1) Pentafluorobenzene	5.544	168	102583	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	210319	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	189996	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	77528	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75898	49.017	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.040%
35) Dibromofluoromethane	5.379	113	65884	49.310	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.620%
50) Toluene-d8	8.647	98	250616	53.794	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.580%
62) 4-Bromofluorobenzene	11.079	95	83957	48.341	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.680%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	1284	0.860	ug/l	94
5) Bromomethane	1.618	94	72	0.204	ug/l #	4
6) Chloroethane	1.672	64	91	0.336	ug/l #	41
11) Tert butyl alcohol	2.940	59	661	1.915	ug/l #	85
13) Acrolein	1.989	56	128	0.788	ug/l #	72
16) Acetone	2.386	43	1285	2.098	ug/l #	81
20) Methylene Chloride	2.782	84	501	0.351	ug/l #	85
31) Cyclohexane	5.544	56	2393	1.227	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	8975	4.825	ug/l #	49
38) Carbon Tetrachloride	5.544	117	10943	5.231	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	1180	0.586	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	43611	23.179	ug/l #	32
81) trans-1,4-Dichloro-2-b...	11.079	75	43611	53.007	ug/l #	12

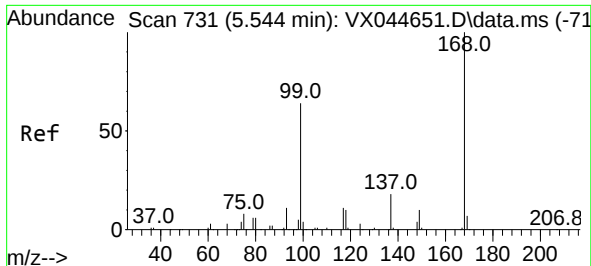
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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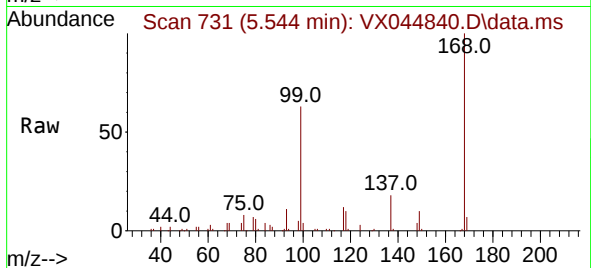
Quant Time: Feb 06 04:38:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 01:16:09 2025
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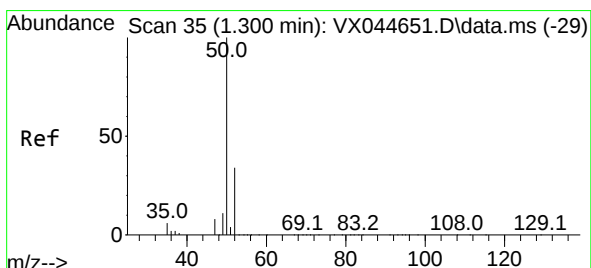
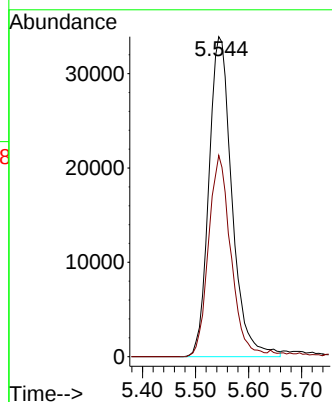
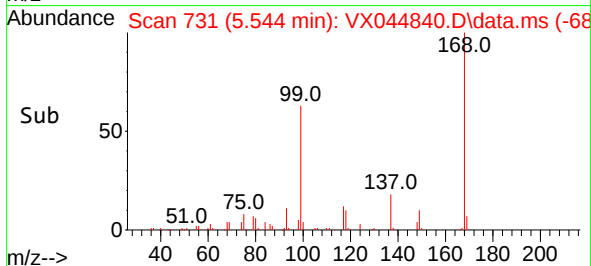


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044840.D
Acq: 05 Feb 2025 13:54

Instrument :
MSVOA_X
ClientSampleId :

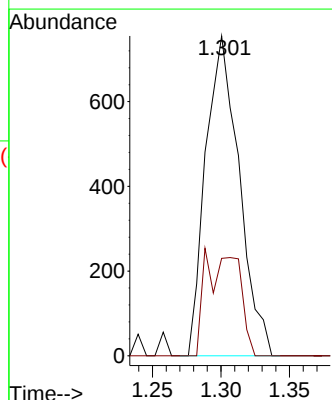
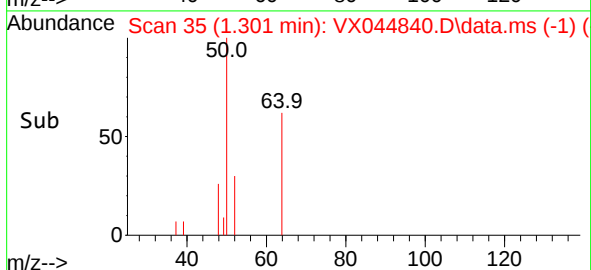
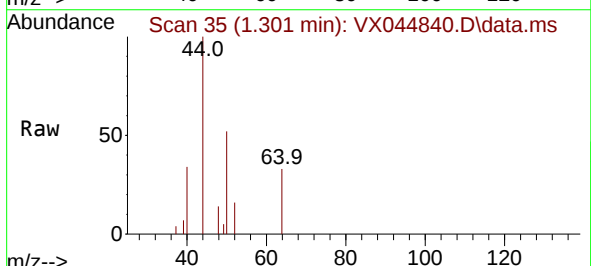


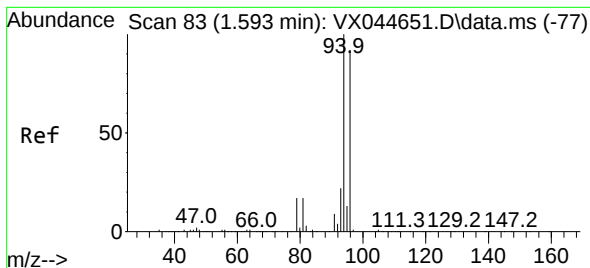
Tgt Ion:168 Resp: 102583
Ion Ratio Lower Upper
168 100
99 62.9 51.1 76.7



#3
Chloromethane
Concen: 0.860 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX044840.D
Acq: 05 Feb 2025 13:54

Tgt Ion: 50 Resp: 1284
Ion Ratio Lower Upper
50 100
52 30.5 27.0 40.4





#5

Bromomethane

Concen: 0.204 ug/l

RT: 1.618 min Scan# 81

Delta R.T. 0.024 min

Lab File: VX044840.D

Acq: 05 Feb 2025 13:54

Instrument :

MSVOA_X

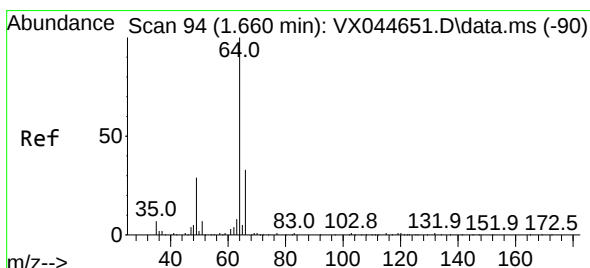
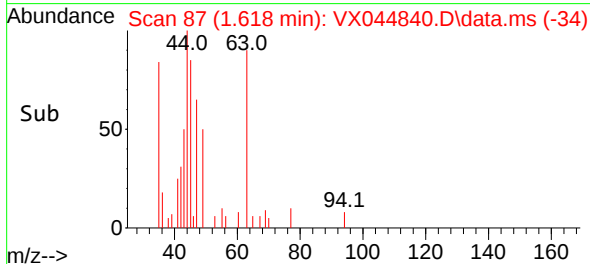
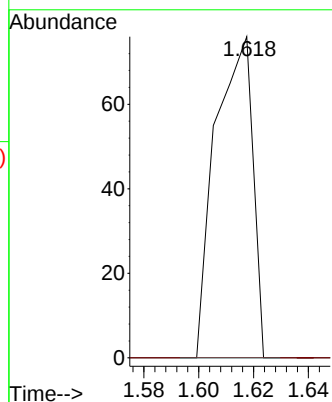
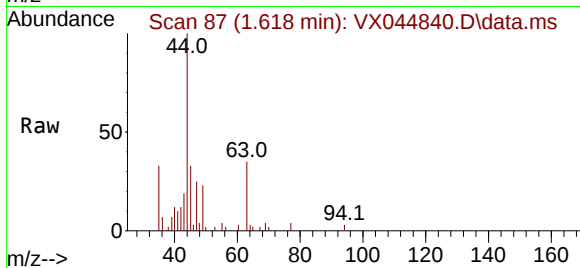
ClientSampleId :

Tgt Ion: 94 Resp: 72

Ion Ratio Lower Upper

94 100

96 0.0 72.8 109.2#



#6

Chloroethane

Concen: 0.336 ug/l

RT: 1.672 min Scan# 96

Delta R.T. 0.012 min

Lab File: VX044840.D

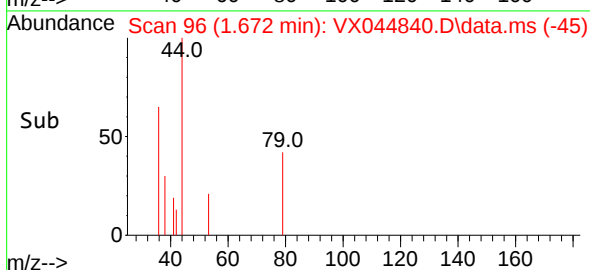
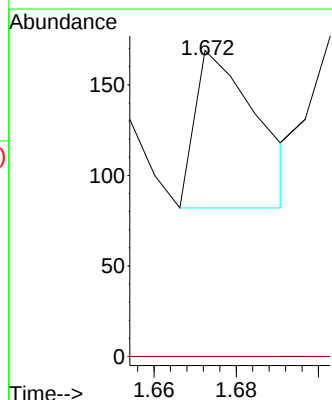
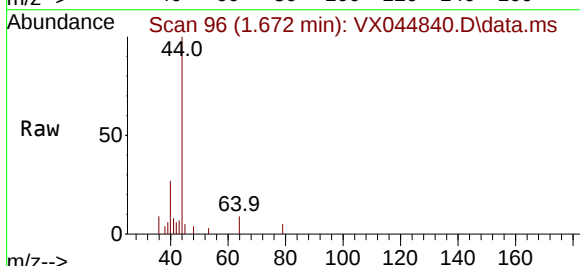
Acq: 05 Feb 2025 13:54

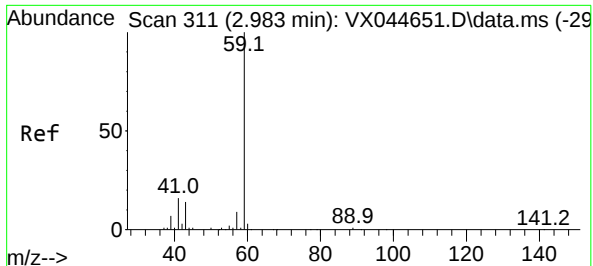
Tgt Ion: 64 Resp: 91

Ion Ratio Lower Upper

64 100

66 0.0 26.6 39.8#





#11

Tert butyl alcohol

Concen: 1.915 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.043 min

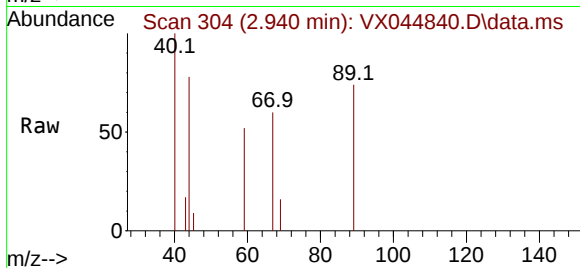
Lab File: VX044840.D

Acq: 05 Feb 2025 13:54

Instrument :

MSVOA_X

ClientSampleId :

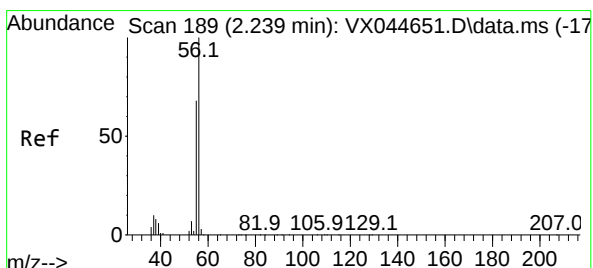
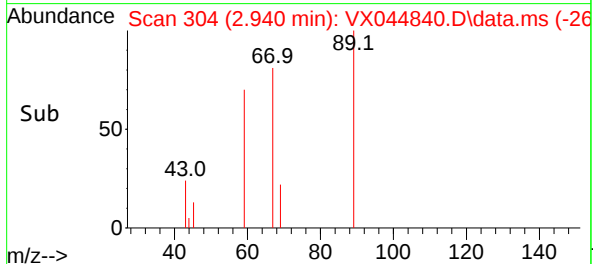
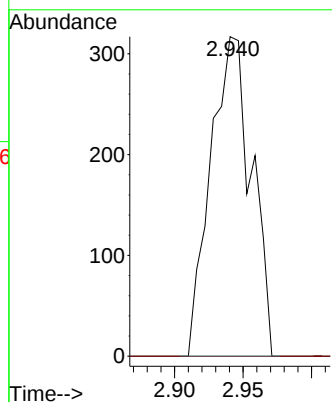


Tgt Ion: 59 Resp: 661

Ion Ratio Lower Upper

59 100

57 0.0 3.9 5.9#



#13

Acrolein

Concen: 0.788 ug/l

RT: 1.989 min Scan# 148

Delta R.T. -0.250 min

Lab File: VX044840.D

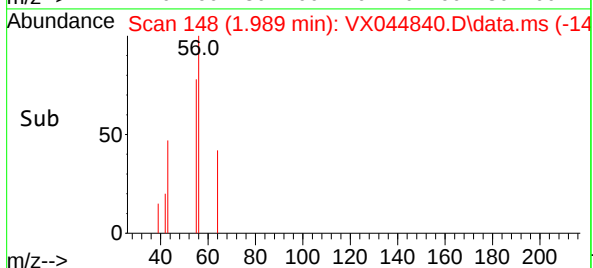
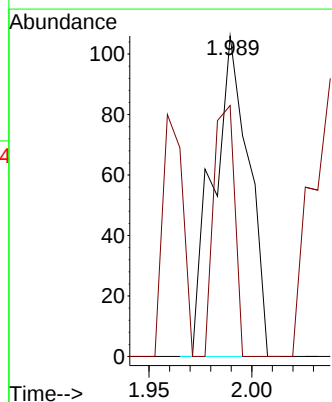
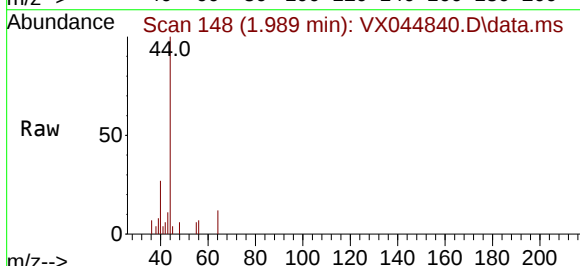
Acq: 05 Feb 2025 13:54

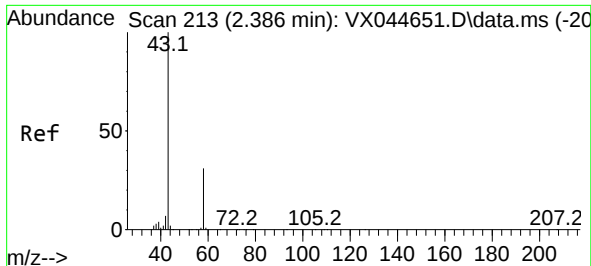
Tgt Ion: 56 Resp: 128

Ion Ratio Lower Upper

56 100

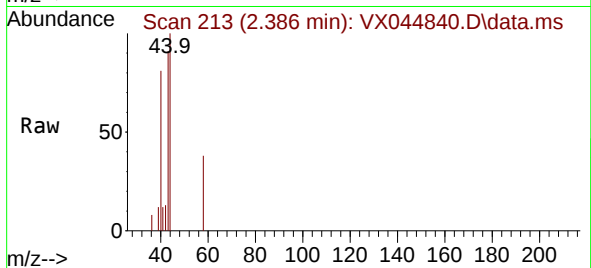
55 46.1 55.1 82.7#



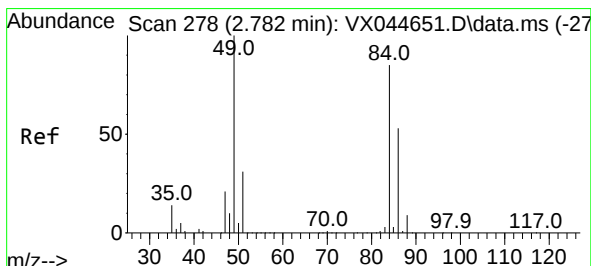
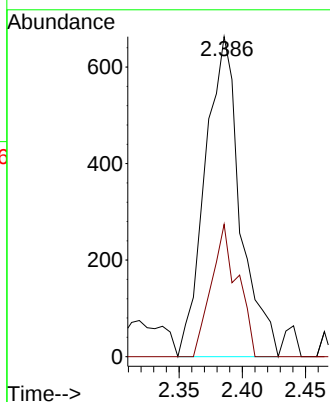
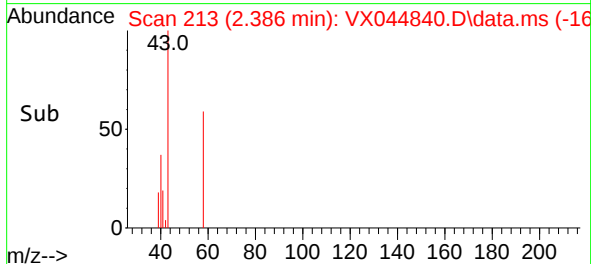


#16
Acetone
Concen: 2.098 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX044840.D
Acq: 05 Feb 2025 13:54

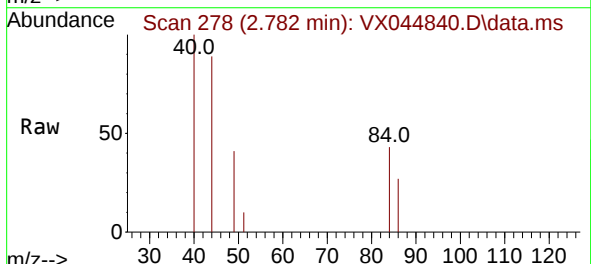
Instrument :
MSVOA_X
ClientSampleId :



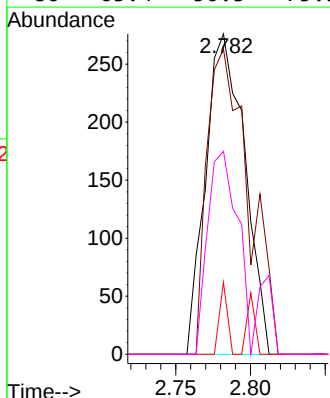
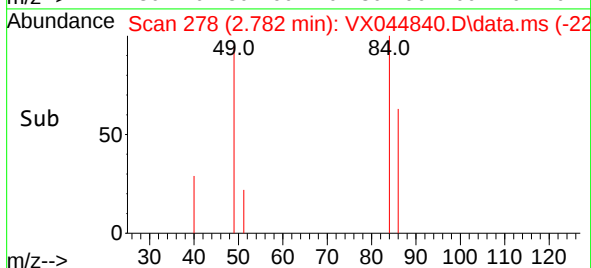
Tgt Ion: 43 Resp: 1285
Ion Ratio Lower Upper
43 100
58 41.3 24.6 37.0#

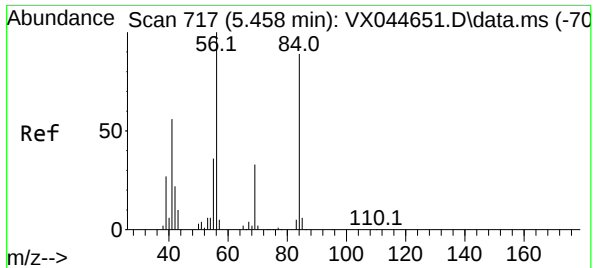


#20
Methylene Chloride
Concen: 0.351 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044840.D
Acq: 05 Feb 2025 13:54



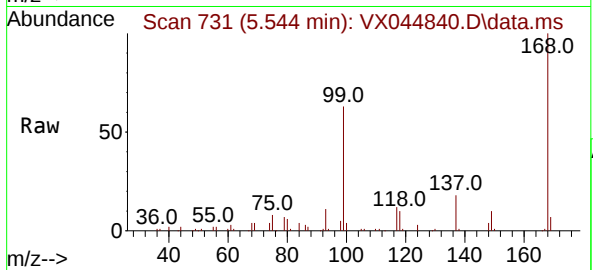
Tgt Ion: 84 Resp: 501
Ion Ratio Lower Upper
84 100
49 95.3 94.2 141.4
51 22.5 28.8 43.2#
86 63.4 50.3 75.5



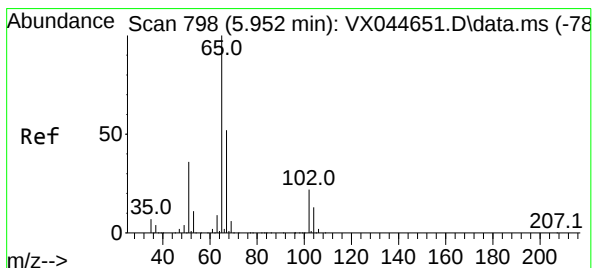
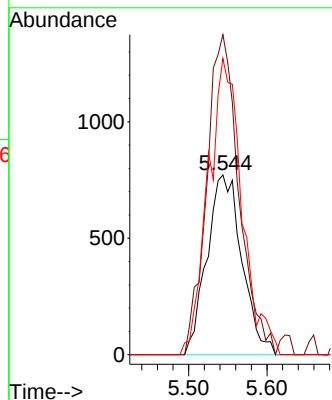
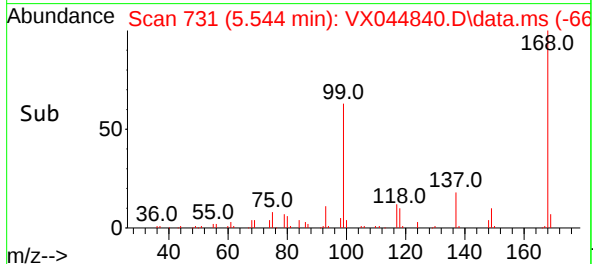


#31
Cyclohexane
Concen: 1.227 ug/l
RT: 5.544 min Scan# 717
Delta R.T. 0.085 min
Lab File: VX044840.D
Acq: 05 Feb 2025 13:54

Instrument :
MSVOA_X
ClientSampleId :

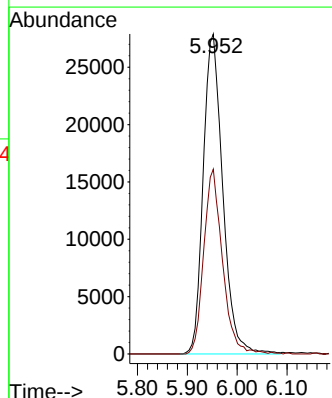
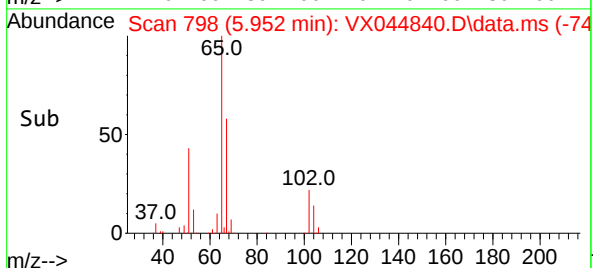
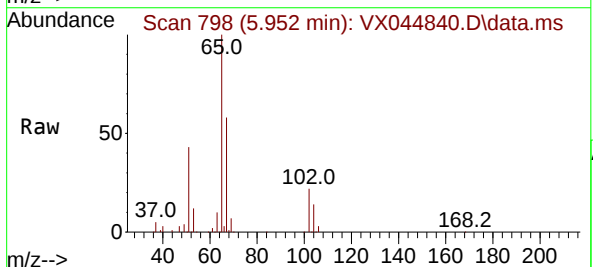


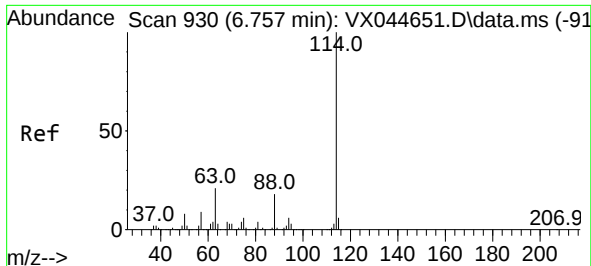
Tgt Ion: 56 Resp: 2393
Ion Ratio Lower Upper
56 100
69 178.0 26.8 40.2#
84 164.8 71.0 106.4#



#33
1,2-Dichloroethane-d4
Concen: 49.017 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX044840.D
Acq: 05 Feb 2025 13:54

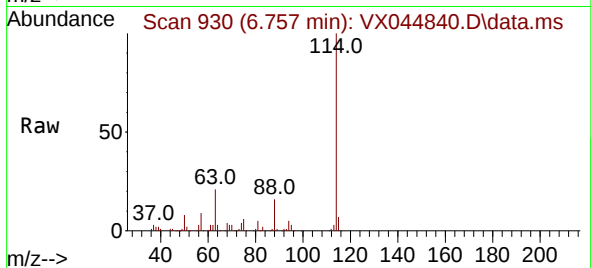
Tgt Ion: 65 Resp: 75898
Ion Ratio Lower Upper
65 100
67 55.3 0.0 103.4



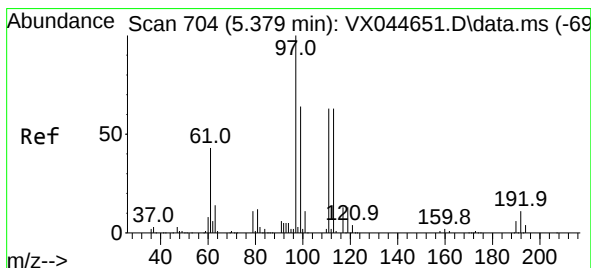
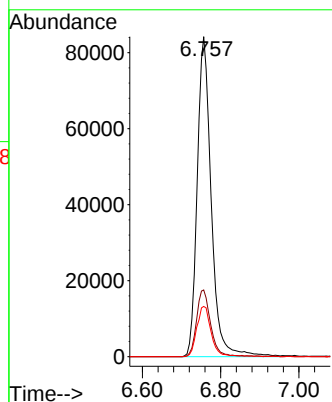
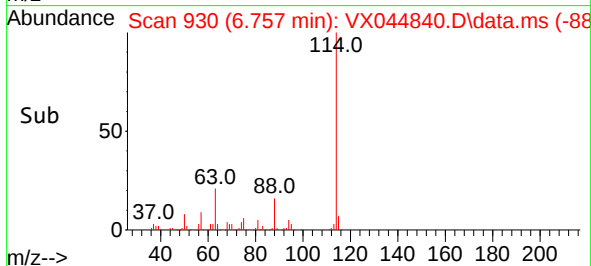


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX044840.D
Acq: 05 Feb 2025 13:54

Instrument :
MSVOA_X
ClientSampleId :

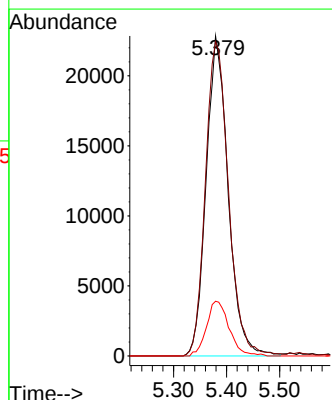
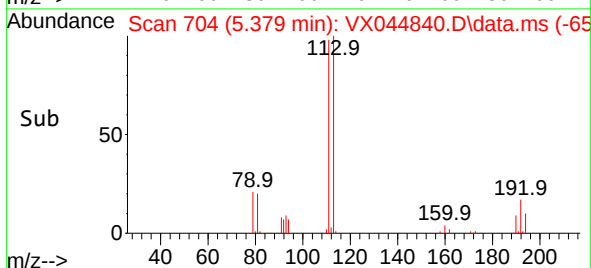
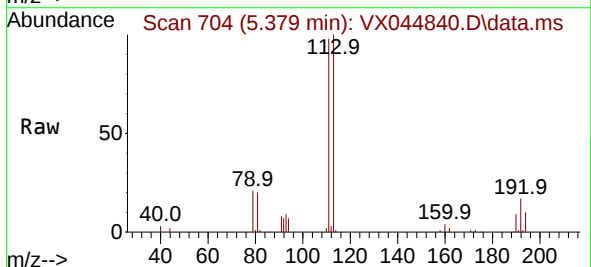


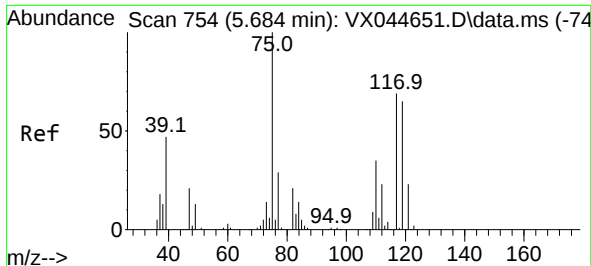
Tgt Ion:114 Resp: 210319
Ion Ratio Lower Upper
114 100
63 20.8 0.0 43.0
88 15.7 0.0 35.4



#35
Dibromofluoromethane
Concen: 49.310 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044840.D
Acq: 05 Feb 2025 13:54

Tgt Ion:113 Resp: 65884
Ion Ratio Lower Upper
113 100
111 103.1 81.6 122.4
192 17.6 14.4 21.6





#36

1,1-Dichloropropene

Concen: 4.825 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.134 min

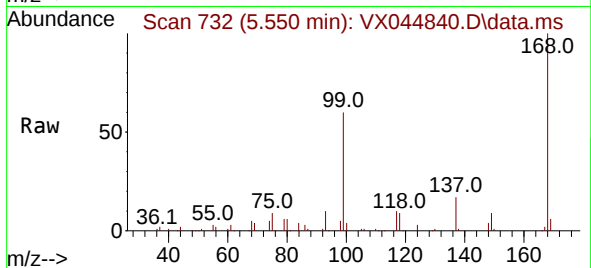
Lab File: VX044840.D

Acq: 05 Feb 2025 13:54

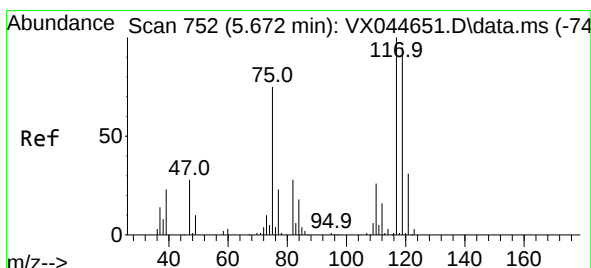
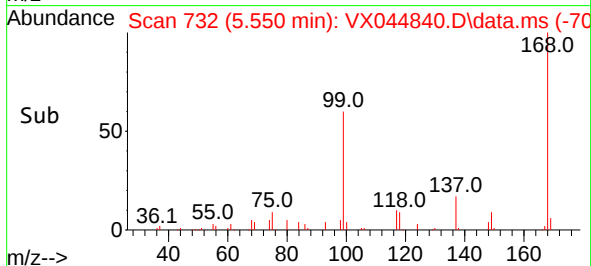
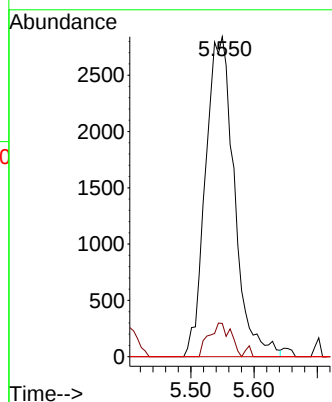
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	75	Resp:	8975
Ion Ratio	Lower	Upper	
75	100		
110	8.0	17.9	53.8#
77	0.0	24.5	36.7#



#38

Carbon Tetrachloride

Concen: 5.231 ug/l

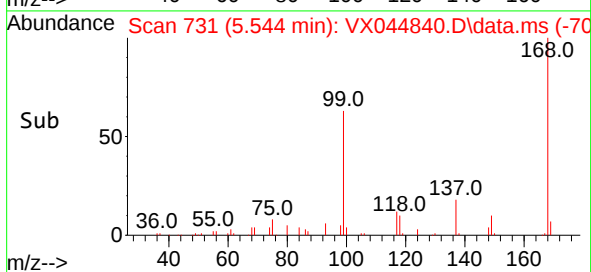
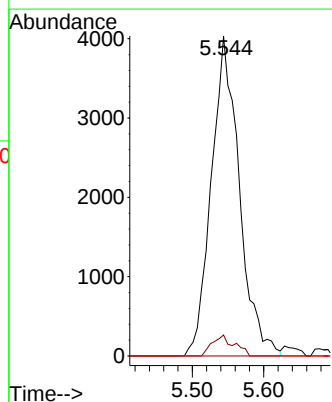
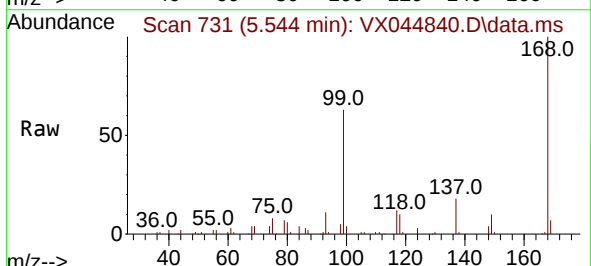
RT: 5.544 min Scan# 731

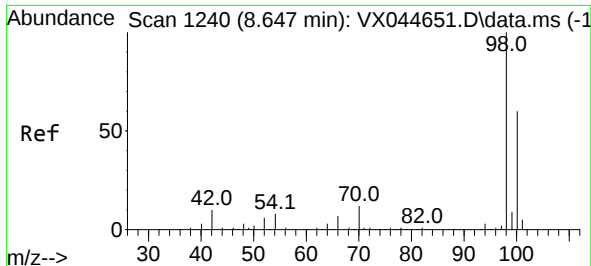
Delta R.T. -0.128 min

Lab File: VX044840.D

Acq: 05 Feb 2025 13:54

Tgt Ion:	117	Resp:	10943
Ion Ratio	Lower	Upper	
117	100		
119	6.6	76.0	114.0#
121	0.0	24.6	36.8#

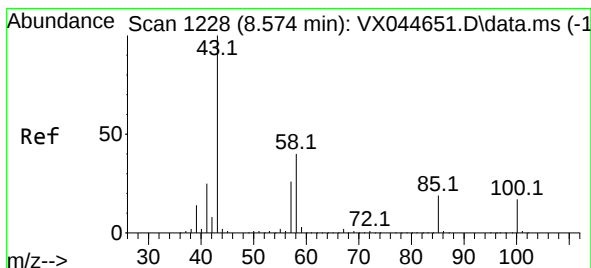
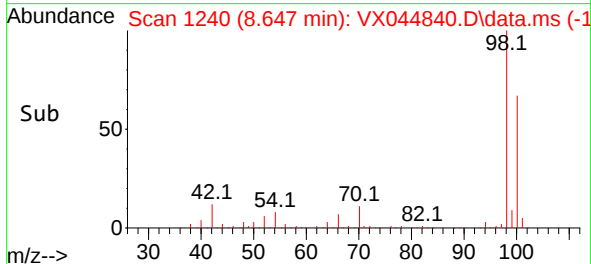
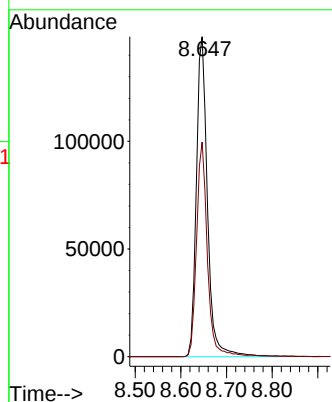
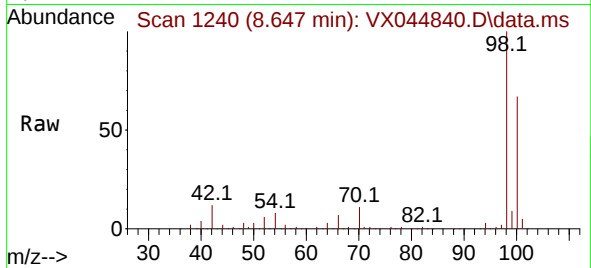




#50
Toluene-d8
Concen: 53.794 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044840.D
Acq: 05 Feb 2025 13:54

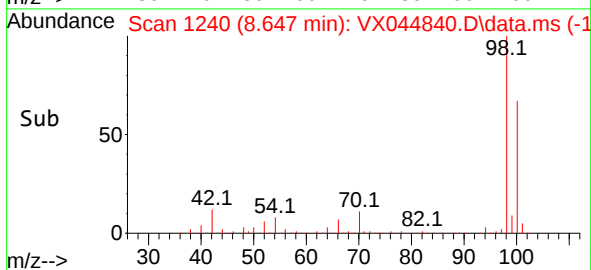
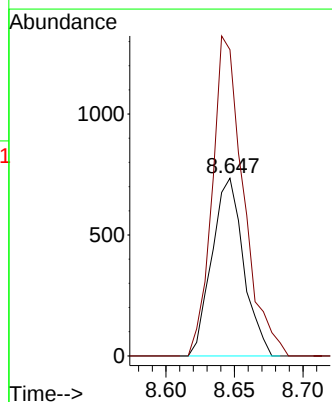
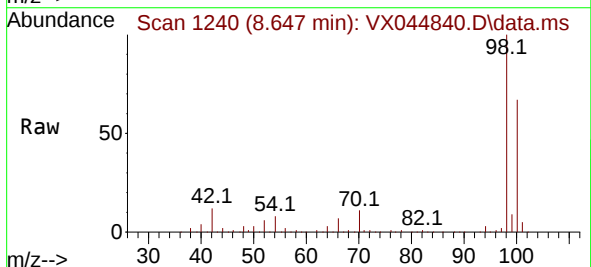
Instrument :
MSVOA_X
ClientSampleId :

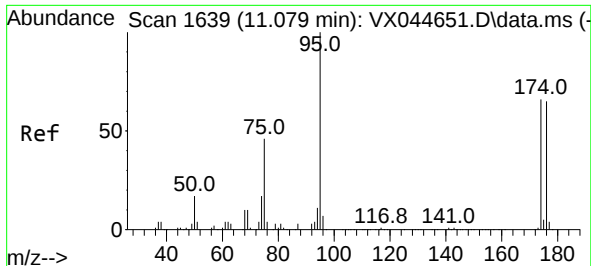
Tgt Ion: 98 Resp: 250616
Ion Ratio Lower Upper
98 100
100 65.1 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 0.586 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX044840.D
Acq: 05 Feb 2025 13:54

Tgt Ion: 43 Resp: 1180
Ion Ratio Lower Upper
43 100
58 177.5 31.9 47.9#

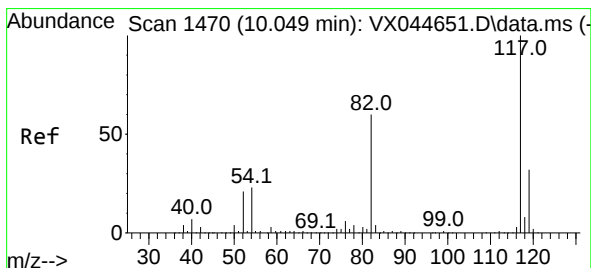
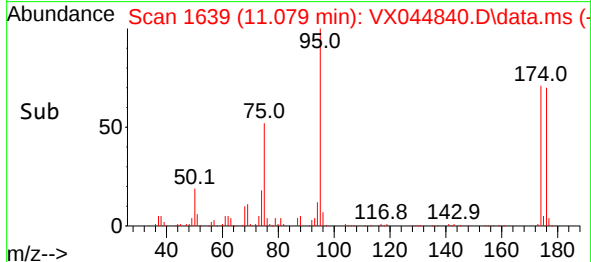
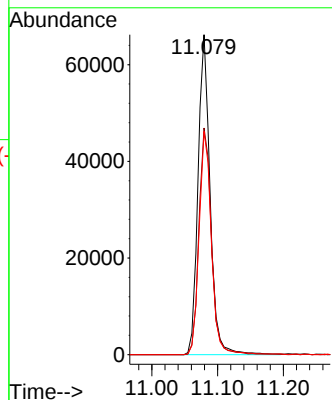
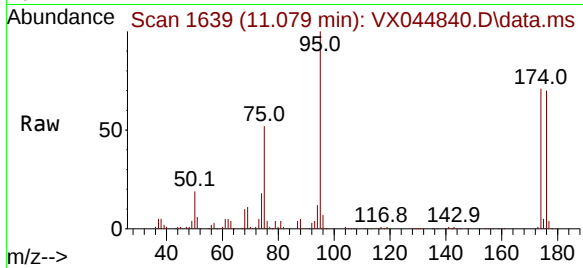




#62
4-Bromofluorobenzene
Concen: 48.341 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044840.D
Acq: 05 Feb 2025 13:54

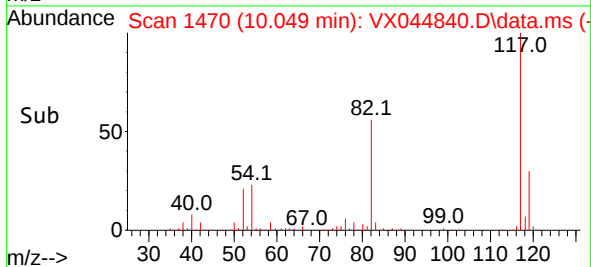
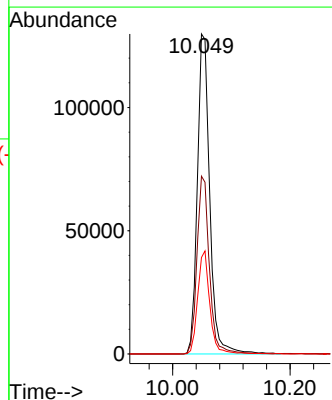
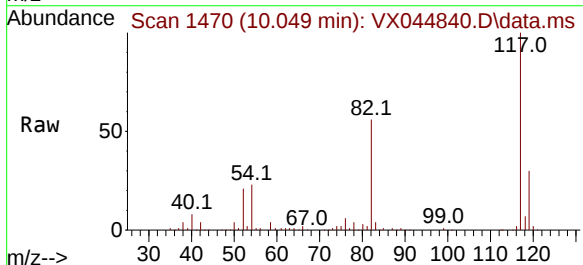
Instrument :
MSVOA_X
ClientSampleId :

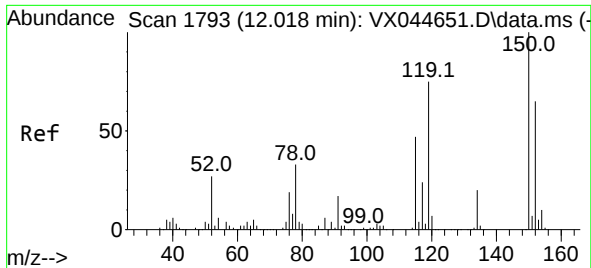
Tgt Ion: 95 Resp: 83957
Ion Ratio Lower Upper
95 100
174 73.9 0.0 133.0
176 71.4 0.0 129.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044840.D
Acq: 05 Feb 2025 13:54

Tgt Ion: 117 Resp: 189996
Ion Ratio Lower Upper
117 100
82 55.5 47.6 71.4
119 30.2 25.4 38.2

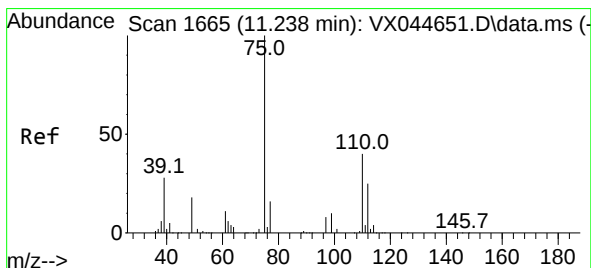
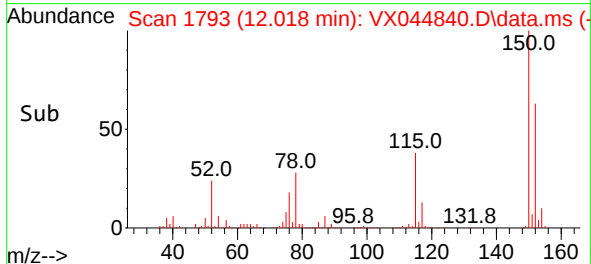
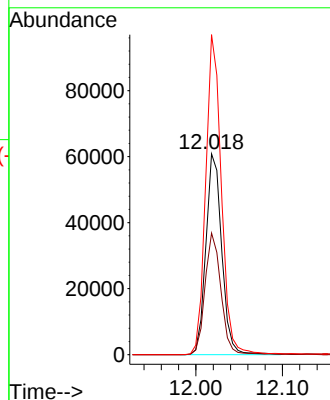
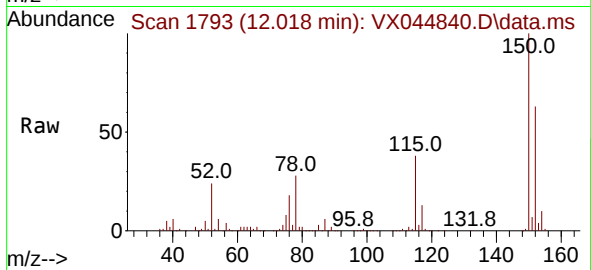




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX044840.D
 Acq: 05 Feb 2025 13:54

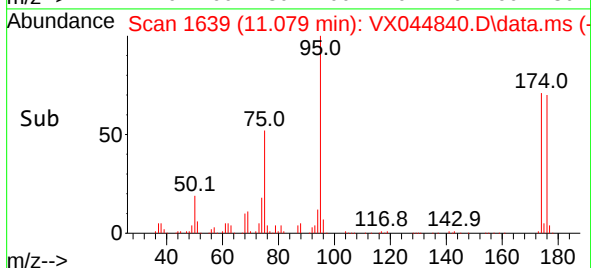
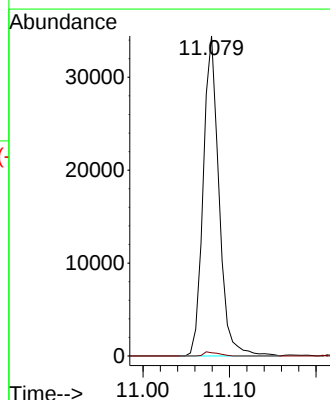
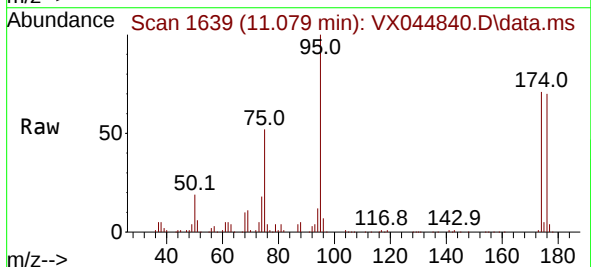
Instrument :
 MSVOA_X
 ClientSampleId :

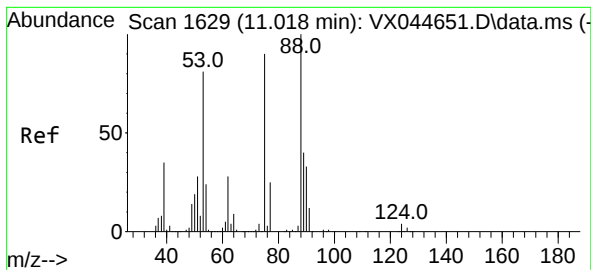
Tgt Ion:152 Resp: 77528
 Ion Ratio Lower Upper
 152 100
 115 60.9 43.8 131.4
 150 157.7 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 23.179 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX044840.D
 Acq: 05 Feb 2025 13:54

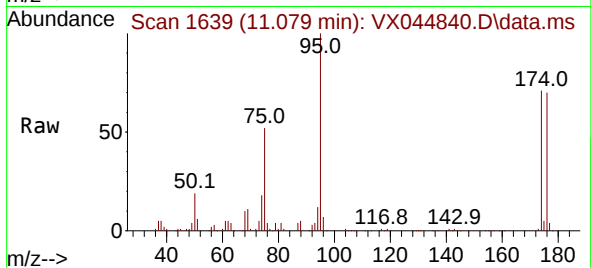
Tgt Ion: 75 Resp: 43611
 Ion Ratio Lower Upper
 75 100
 77 1.2 23.4 70.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 53.007 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX044840.D
Acq: 05 Feb 2025 13:54

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 43611
Ion Ratio Lower Upper
75 100
53 0.0 74.3 111.5#
89 0.0 37.4 56.0#

