

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
 Data File : VX046771.D
 Acq On : 19 Jun 2025 15:45
 Operator : JC/MD
 Sample : Q2351-01 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FAIRLAWN-SUMP

Quant Time: Jun 20 05:21:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 2025
 Response via : Initial Calibration

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

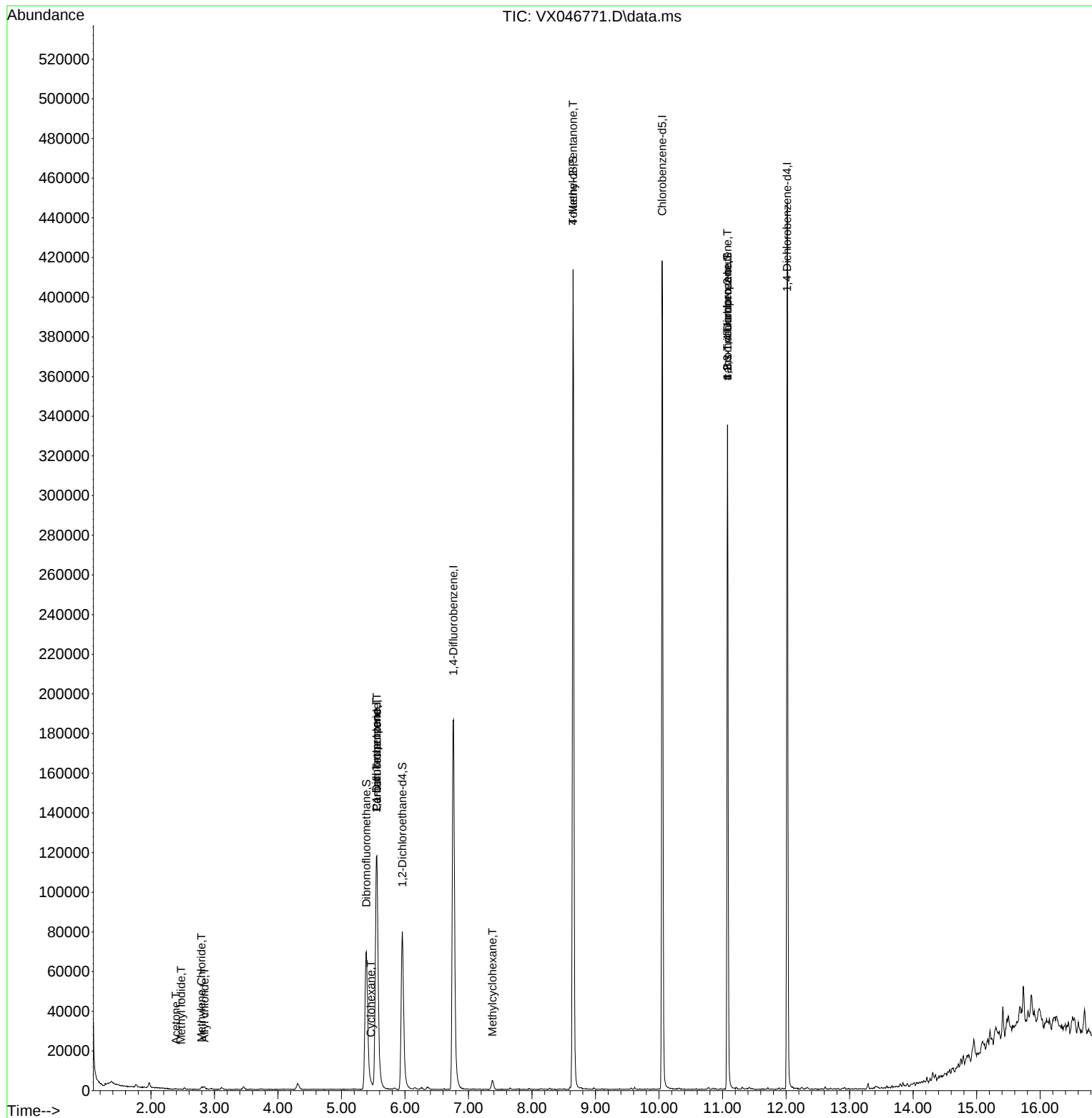
Internal Standards						
1) Pentafluorobenzene	5.556	168	124352	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	209874	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	188884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	90343	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82336	47.869	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.740%
35) Dibromofluoromethane	5.391	113	68296	49.184	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.360%
50) Toluene-d8	8.646	98	250775	50.267	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.540%
62) 4-Bromofluorobenzene	11.079	95	91921	49.428	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.860%
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.477	142	120	4.395	ug/l #	38
14) Allyl chloride	2.843	41	597	0.240	ug/l #	59
16) Acetone	2.392	43	410	0.715	ug/l #	44
20) Methylene Chloride	2.794	84	392	0.246	ug/l #	84
31) Cyclohexane	5.464	56	548	0.213	ug/l	87
36) 1,1-Dichloropropene	5.549	75	9792	4.885	ug/l #	47
38) Carbon Tetrachloride	5.556	117	12496	5.744	ug/l #	19
39) Methylcyclohexane	7.378	83	2294	0.870	ug/l	85
51) 4-Methyl-2-Pentanone	8.646	43	1077	0.624	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	47361	28.623	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	47361	80.905	ug/l #	7

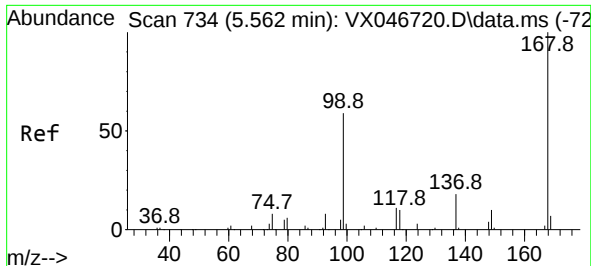
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
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Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
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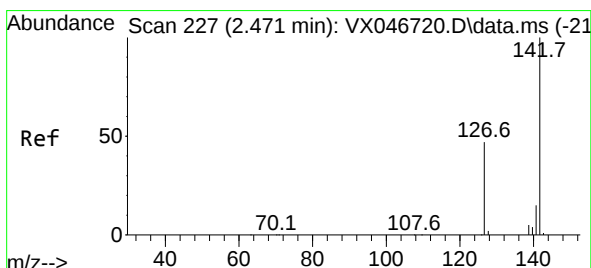
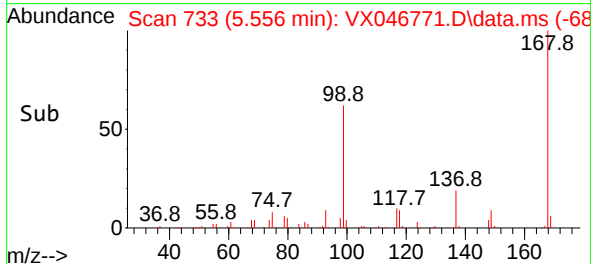
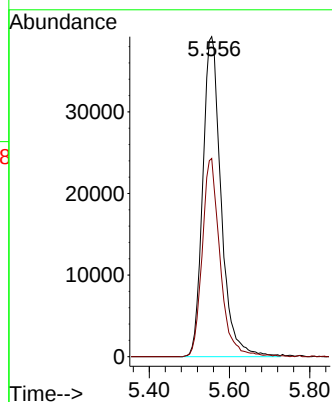
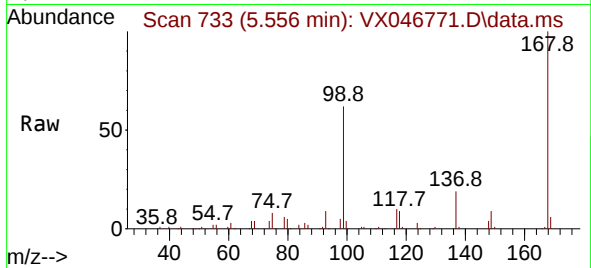




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046771.D
Acq: 19 Jun 2025 15:45

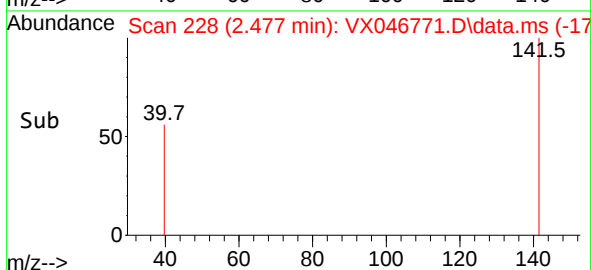
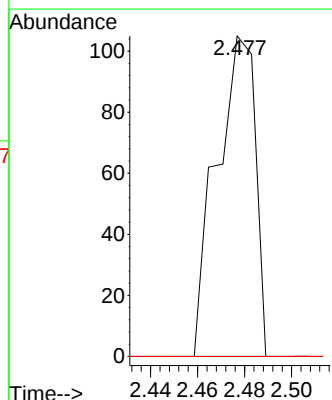
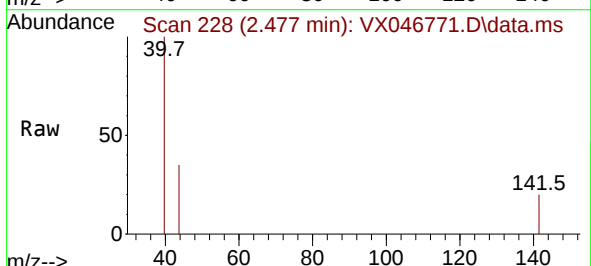
Instrument :
MSVOA_X
ClientSampleId :
FAIRLAWN-SUMP

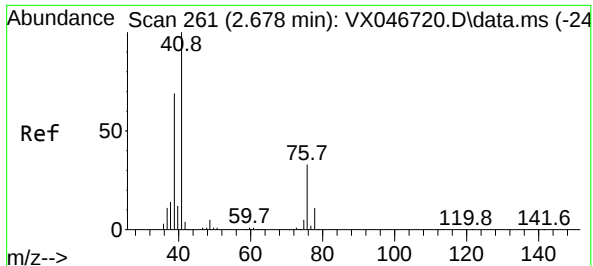
Tgt Ion:168 Resp: 124352
Ion Ratio Lower Upper
168 100
99 62.0 48.5 72.7



#10
Methyl Iodide
Concen: 4.395 ug/l
RT: 2.477 min Scan# 228
Delta R.T. 0.006 min
Lab File: VX046771.D
Acq: 19 Jun 2025 15:45

Tgt Ion:142 Resp: 120
Ion Ratio Lower Upper
142 100
127 0.0 37.0 55.6#
141 0.0 11.5 17.3#

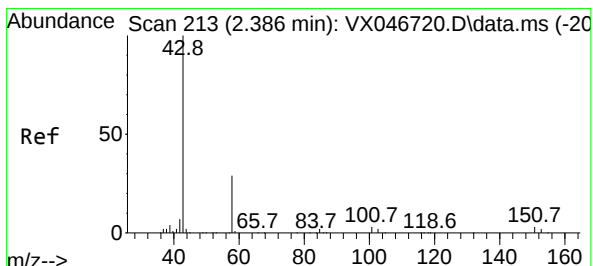
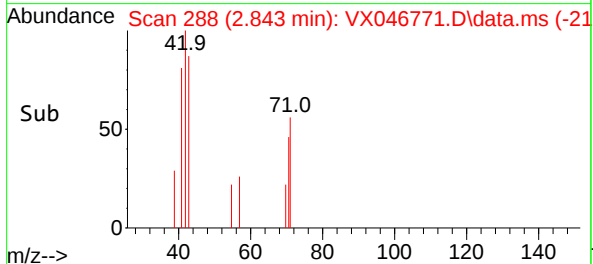
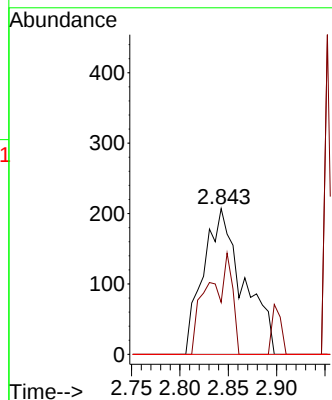
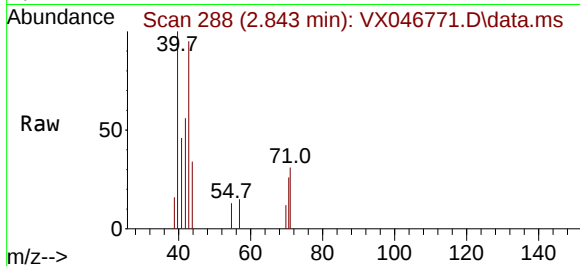




#14
 Allyl chloride
 Concen: 0.240 ug/l
 RT: 2.843 min Scan# 214
 Delta R.T. 0.164 min
 Lab File: VX046771.D
 Acq: 19 Jun 2025 15:45

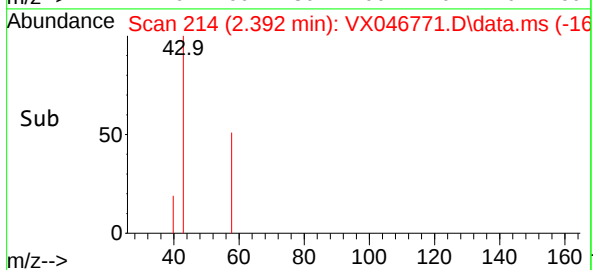
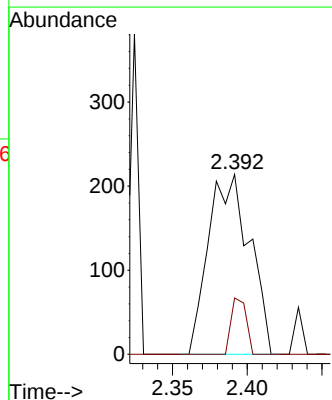
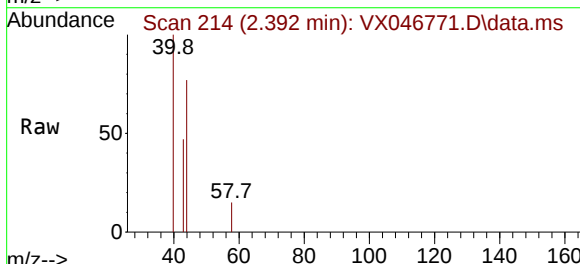
Instrument :
 MSVOA_X
 ClientSampleId :
 FAIRLAWN-SUMP

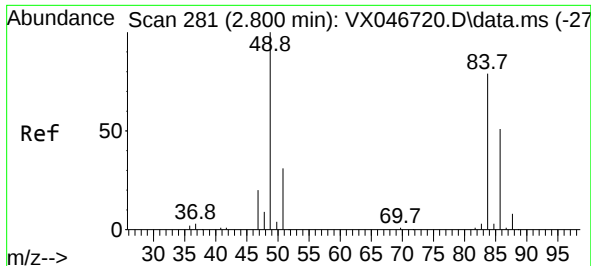
Tgt Ion: 41 Resp: 597
 Ion Ratio Lower Upper
 41 100
 39 41.5 53.6 80.4#
 76 0.0 26.8 40.2#



#16
 Acetone
 Concen: 0.715 ug/l
 RT: 2.392 min Scan# 214
 Delta R.T. 0.006 min
 Lab File: VX046771.D
 Acq: 19 Jun 2025 15:45

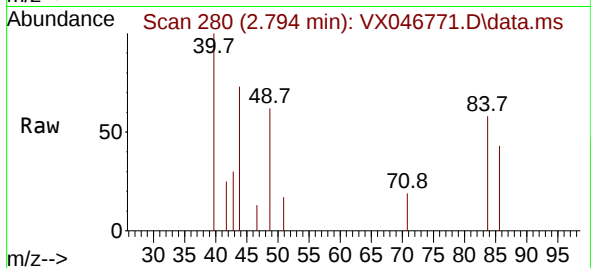
Tgt Ion: 43 Resp: 410
 Ion Ratio Lower Upper
 43 100
 58 0.0 24.5 36.7#



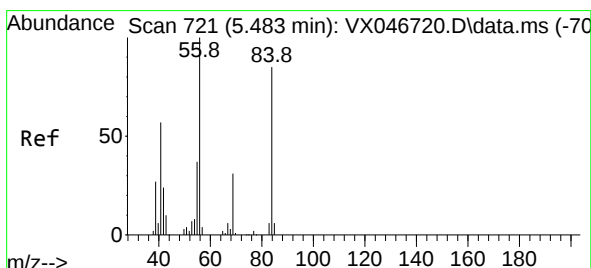
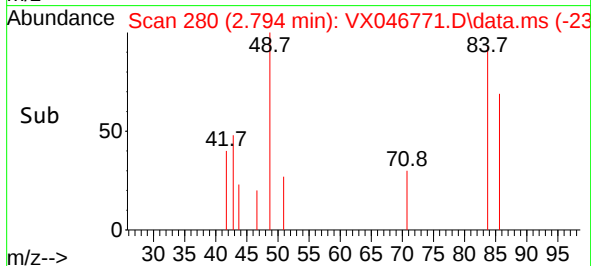
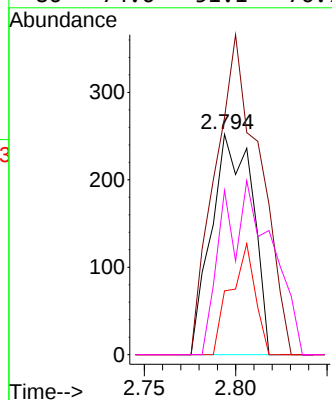


#20
Methylene Chloride
Concen: 0.246 ug/l
RT: 2.794 min Scan# 21
Delta R.T. -0.007 min
Lab File: VX046771.D
Acq: 19 Jun 2025 15:45

Instrument :
MSVOA_X
ClientSampleId :
FAIRLAWN-SUMP

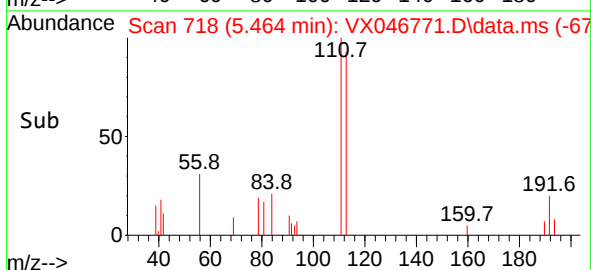
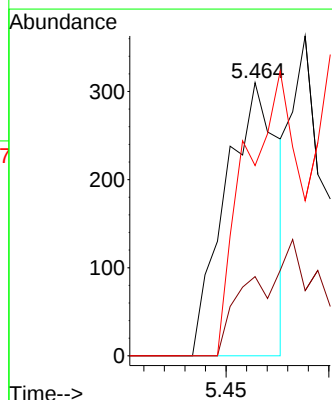
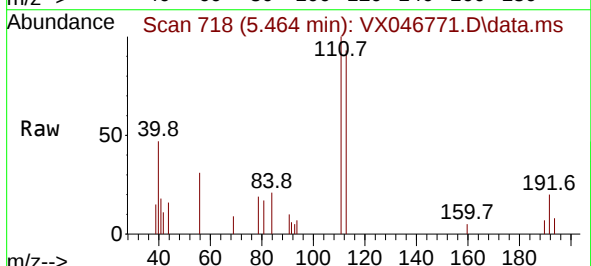


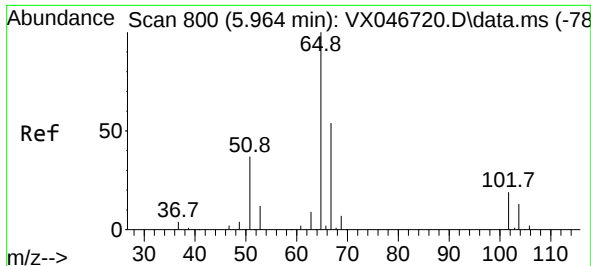
Tgt Ion: 84	Resp: 392
Ion Ratio	Lower Upper
84 100	
49 107.5	101.3 151.9
51 29.0	31.0 46.6#
86 74.6	51.1 76.7



#31
Cyclohexane
Concen: 0.213 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.019 min
Lab File: VX046771.D
Acq: 19 Jun 2025 15:45

Tgt Ion: 56	Resp: 548		
Ion Ratio	Lower	Upper	
56 100			
69 29.0	24.8	37.2	
84 69.7	68.2	102.2	





#33

1,2-Dichloroethane-d4

Concen: 47.869 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.007 min

Lab File: VX046771.D

Acq: 19 Jun 2025 15:45

Instrument :

MSVOA_X

ClientSampleId :

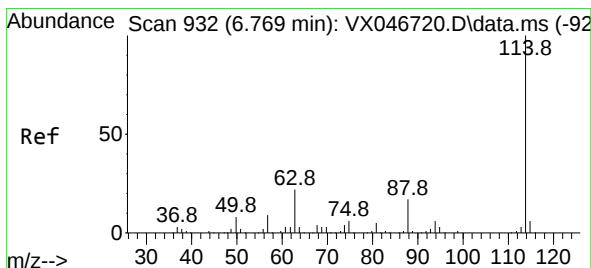
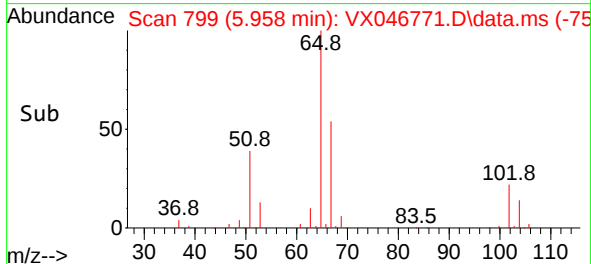
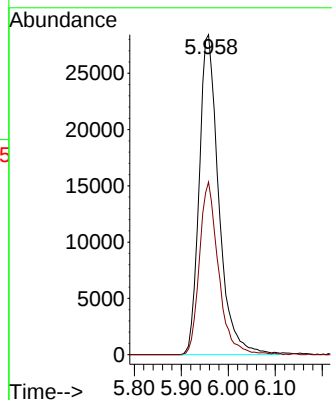
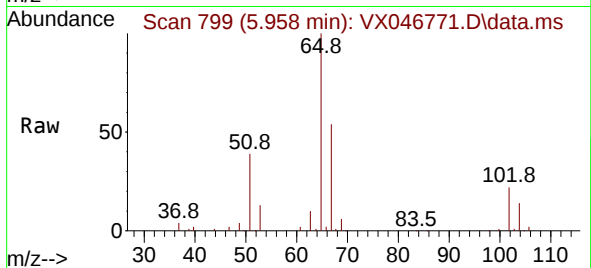
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Tgt Ion: 65 Resp: 82336

Ion Ratio Lower Upper

65 100

67 52.4 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX046771.D

Acq: 19 Jun 2025 15:45

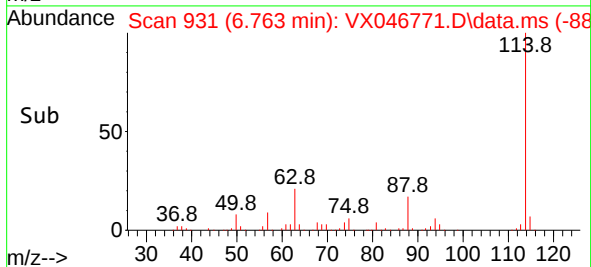
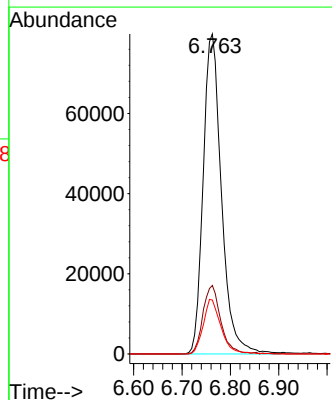
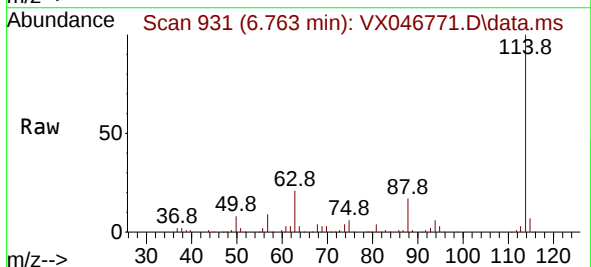
Tgt Ion: 114 Resp: 209874

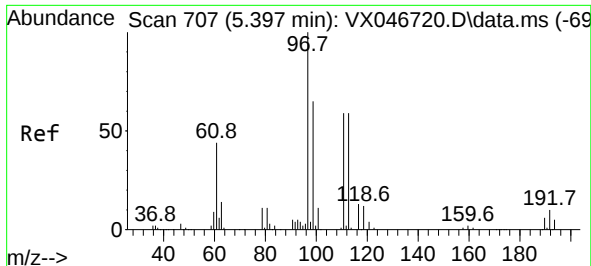
Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.2

88 16.8 0.0 33.2

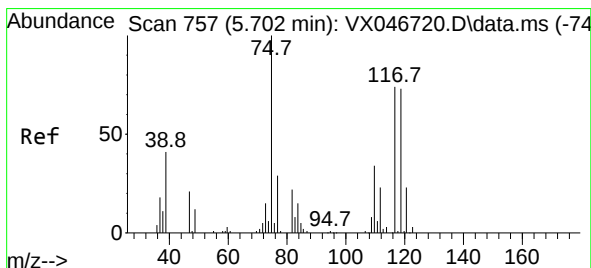
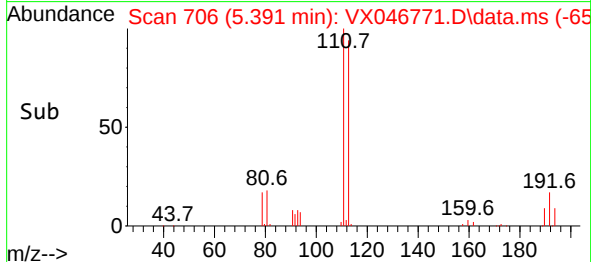
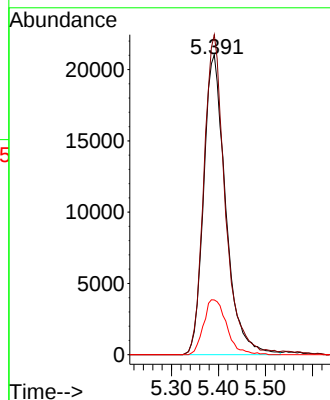
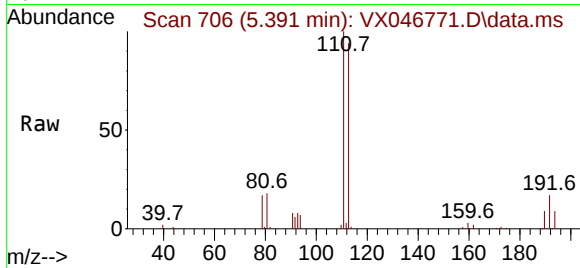




#35
Dibromofluoromethane
Concen: 49.184 ug/l
RT: 5.391 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX046771.D
Acq: 19 Jun 2025 15:45

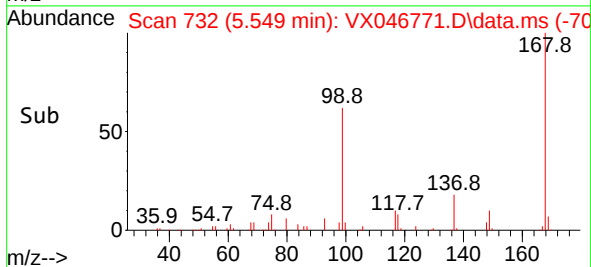
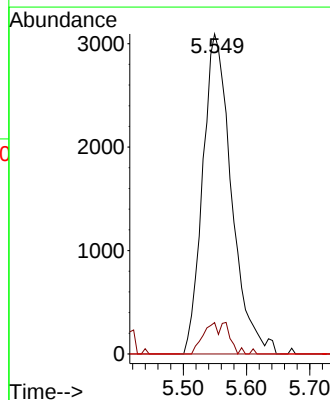
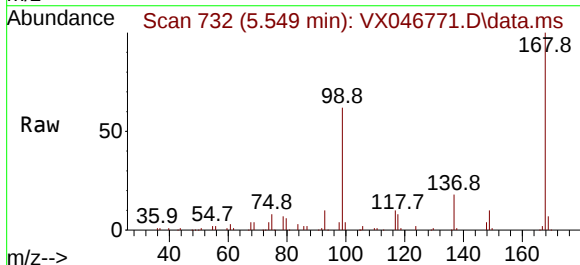
Instrument :
MSVOA_X
ClientSampleId :
FAIRLAWN-SUMP

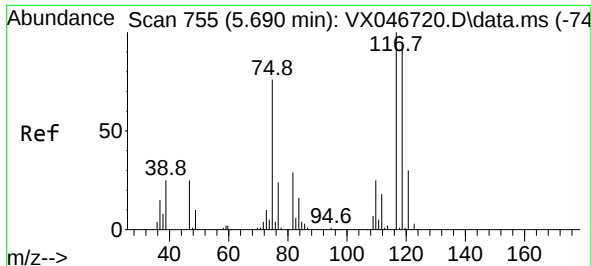
Tgt Ion:113 Resp: 68296
Ion Ratio Lower Upper
113 100
111 103.2 82.0 123.0
192 19.2 15.3 22.9



#36
1,1-Dichloropropene
Concen: 4.885 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.153 min
Lab File: VX046771.D
Acq: 19 Jun 2025 15:45

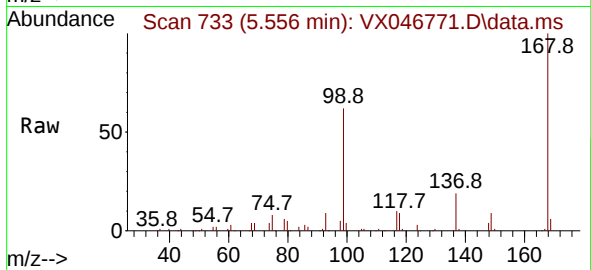
Tgt Ion: 75 Resp: 9792
Ion Ratio Lower Upper
75 100
110 5.2 17.2 51.5#
77 0.0 24.2 36.4#



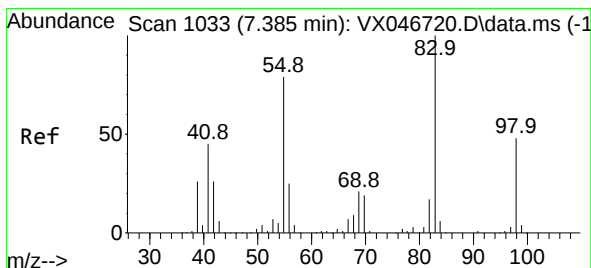
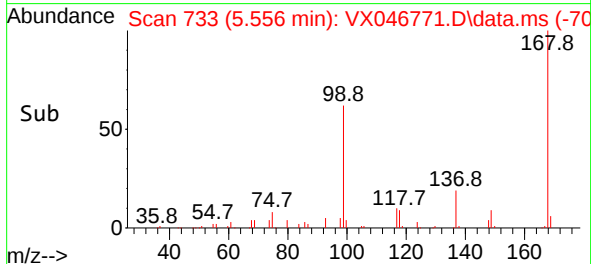
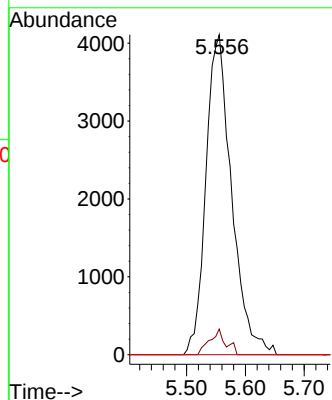


#38
Carbon Tetrachloride
Concen: 5.744 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.135 min
Lab File: VX046771.D
Acq: 19 Jun 2025 15:45

Instrument :
MSVOA_X
ClientSampleId :
FAIRLAWN-SUMP

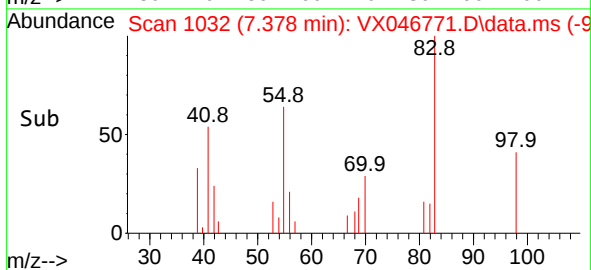
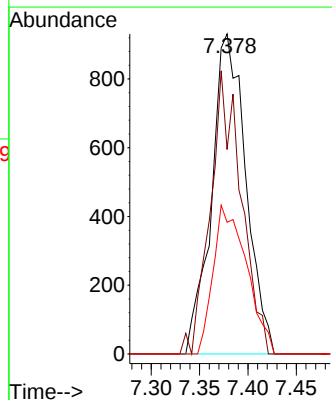
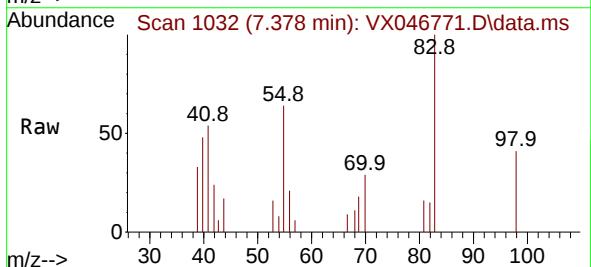


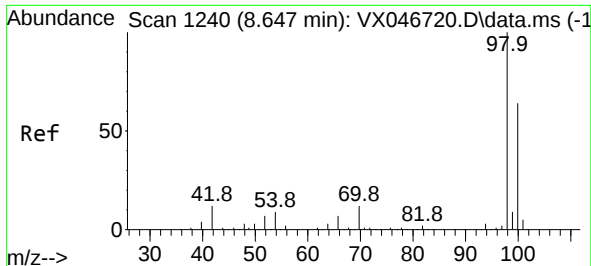
Tgt Ion:117 Resp: 12496
Ion Ratio Lower Upper
117 100
119 8.0 75.2 112.8#
121 0.0 24.1 36.1#



#39
Methylcyclohexane
Concen: 0.870 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX046771.D
Acq: 19 Jun 2025 15:45

Tgt Ion: 83 Resp: 2294
Ion Ratio Lower Upper
83 100
55 63.9 63.0 94.4
98 41.1 38.8 58.2





#50

Toluene-d8

Concen: 50.267 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX046771.D

Acq: 19 Jun 2025 15:45

Instrument :

MSVOA_X

ClientSampleId :

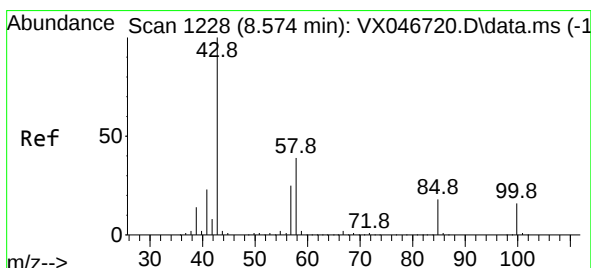
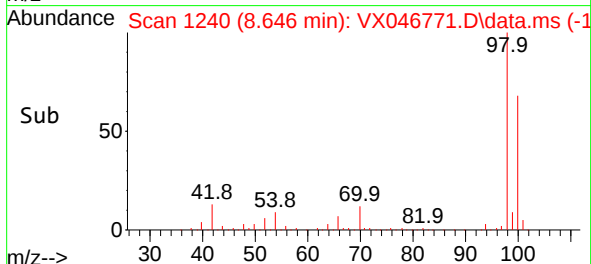
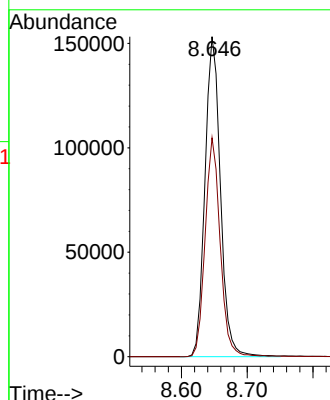
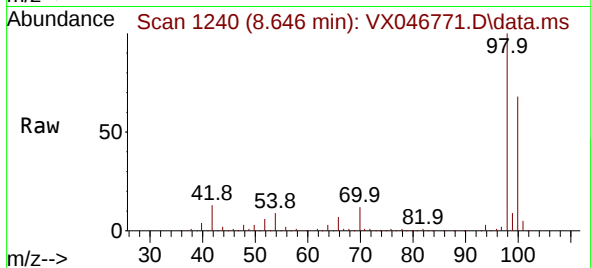
FAIRLAWN-SUMP

Tgt Ion: 98 Resp: 250775

Ion Ratio Lower Upper

98 100

100 66.5 53.0 79.4



#51

4-Methyl-2-Pentanone

Concen: 0.624 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX046771.D

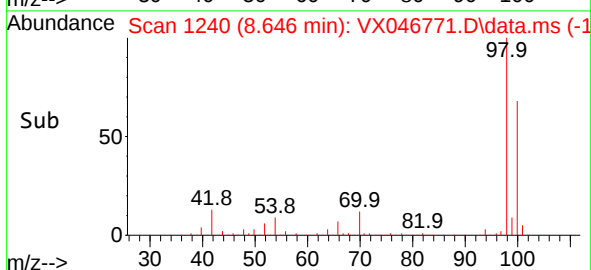
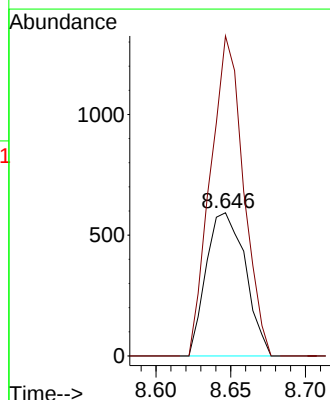
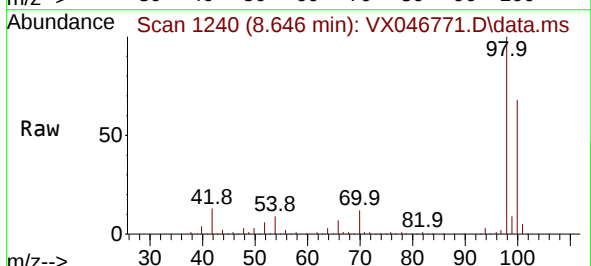
Acq: 19 Jun 2025 15:45

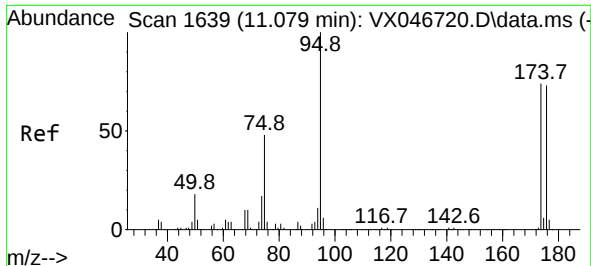
Tgt Ion: 43 Resp: 1077

Ion Ratio Lower Upper

43 100

58 189.1 30.8 46.2#

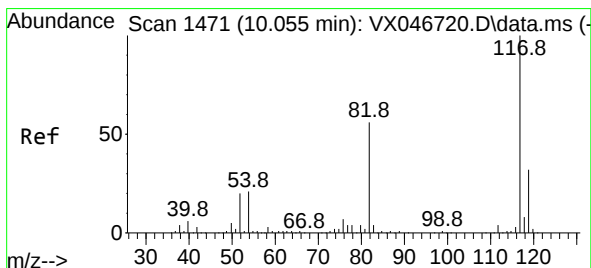
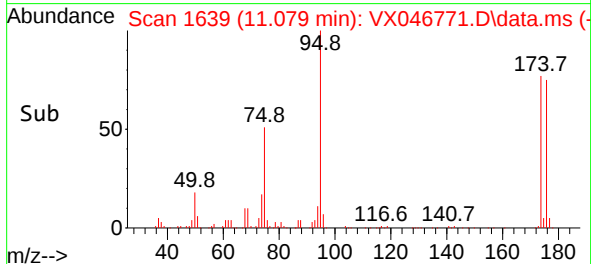
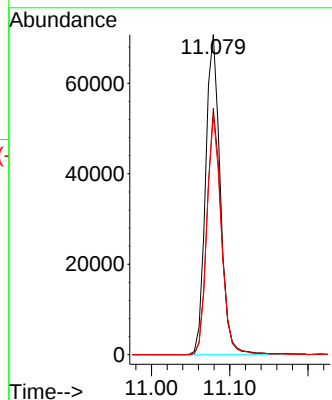
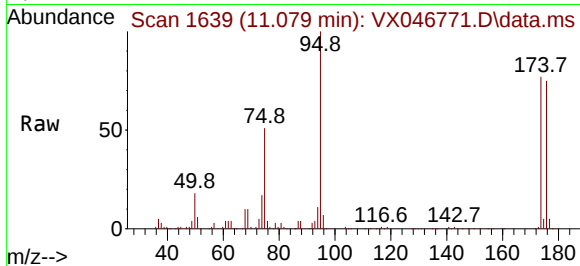




#62
4-Bromofluorobenzene
Concen: 49.428 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046771.D
Acq: 19 Jun 2025 15:45

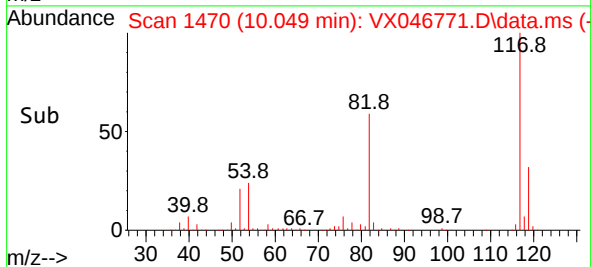
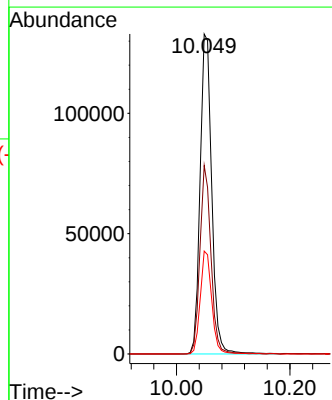
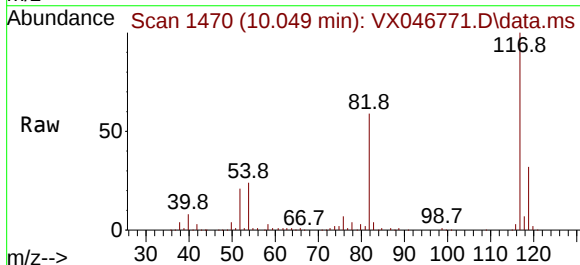
Instrument :
MSVOA_X
ClientSampleId :
FAIRLAWN-SUMP

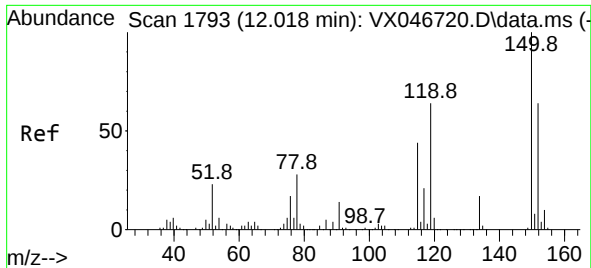
Tgt Ion: 95 Resp: 91921
Ion Ratio Lower Upper
95 100
174 75.1 0.0 150.4
176 73.5 0.0 145.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX046771.D
Acq: 19 Jun 2025 15:45

Tgt Ion: 117 Resp: 188884
Ion Ratio Lower Upper
117 100
82 58.9 44.6 66.8
119 32.2 25.8 38.8

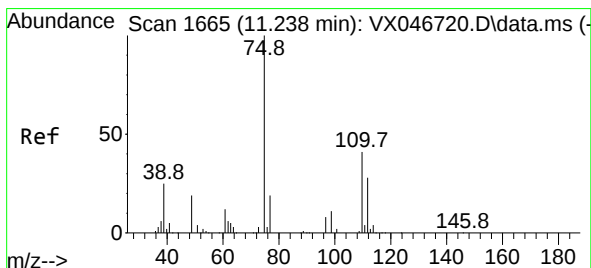
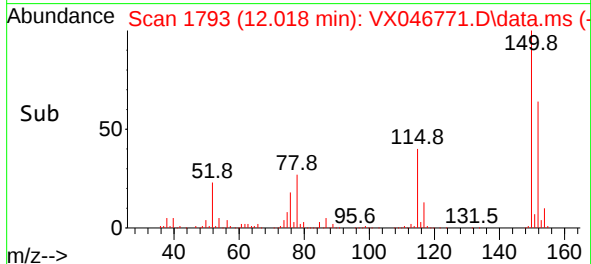
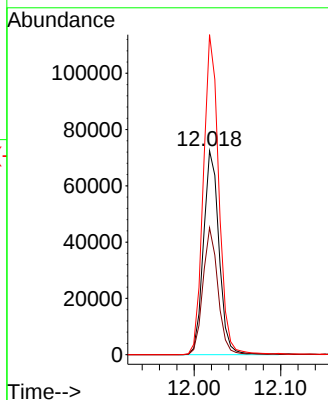
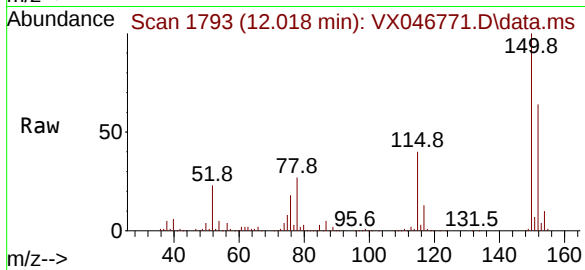




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046771.D
 Acq: 19 Jun 2025 15:45

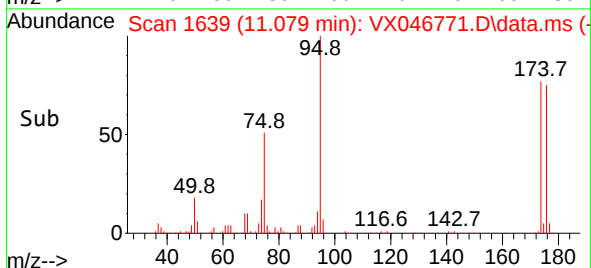
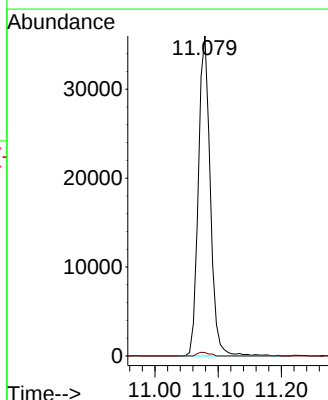
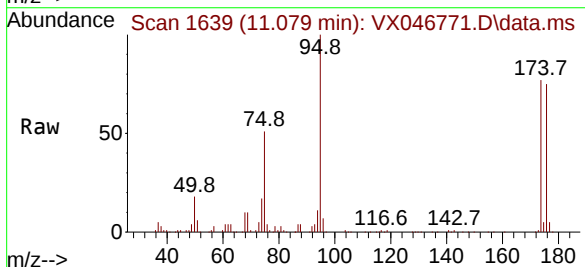
Instrument :
 MSVOA_X
 ClientSampleId :
 FAIRLAWN-SUMP

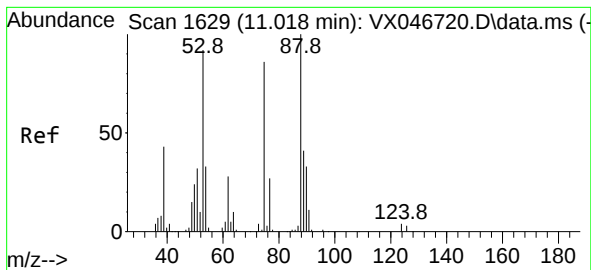
Tgt Ion:152 Resp: 90343
 Ion Ratio Lower Upper
 152 100
 115 60.6 43.2 129.6
 150 156.6 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 28.623 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046771.D
 Acq: 19 Jun 2025 15:45

Tgt Ion: 75 Resp: 47361
 Ion Ratio Lower Upper
 75 100
 77 1.2 18.5 55.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.905 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046771.D
 Acq: 19 Jun 2025 15:45

Instrument :
 MSVOA_X
 ClientSampleId :
 FAIRLAWN-SUMP

Tgt Ion: 75 Resp: 47361
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.8 130.2#
 89 0.0 36.9 55.3#

