

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052325\
 Data File : VN086771.D
 Acq On : 23 May 2025 12:16
 Operator : JC\MD
 Sample : Q2115-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-1

Quant Time: May 24 02:31:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

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

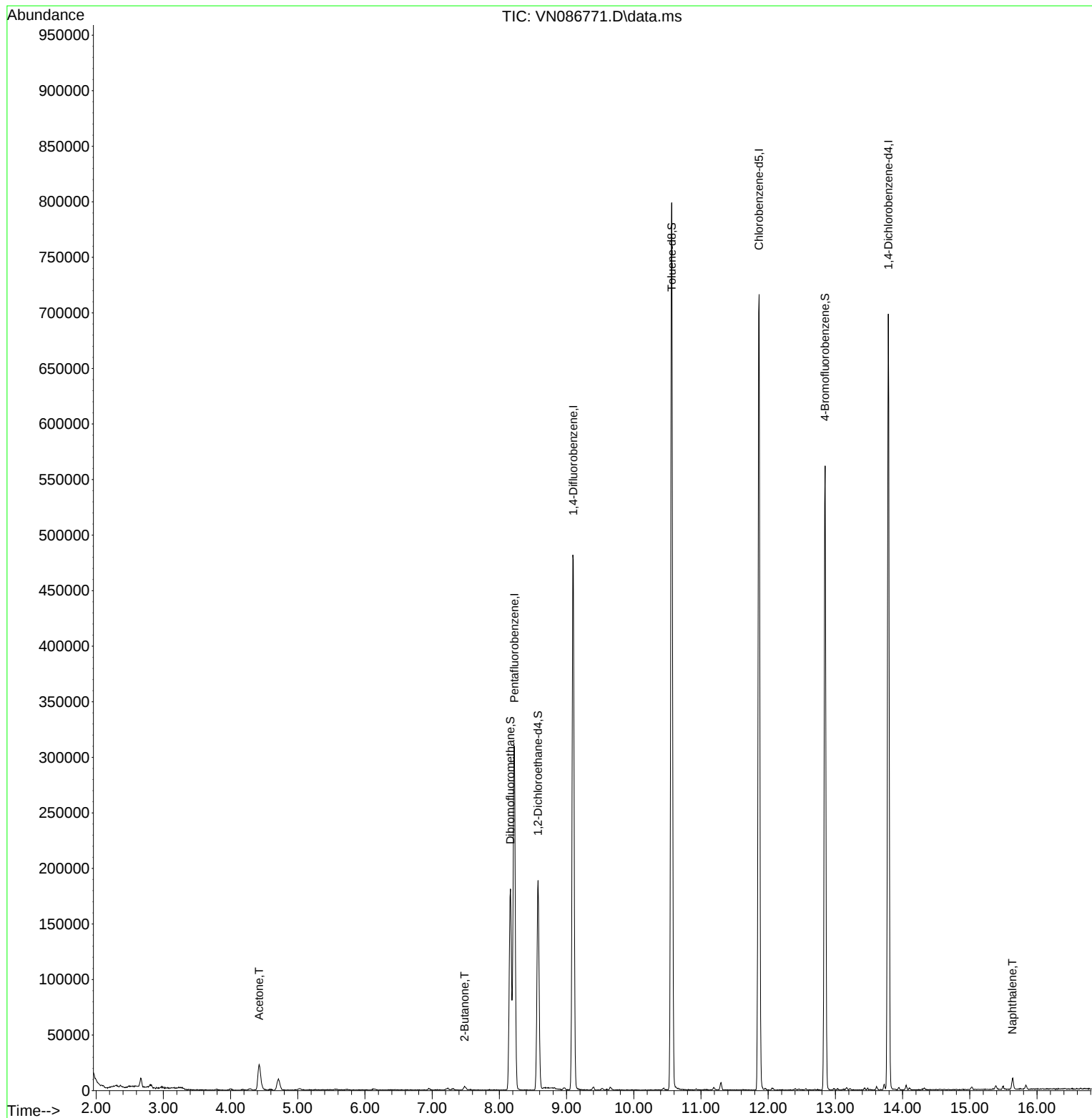
Internal Standards						
1) Pentafluorobenzene	8.224	168	247918	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	461976	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	449647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	204624	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	153536	44.818	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.640%
35) Dibromofluoromethane	8.165	113	139491	50.701	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.400%
50) Toluene-d8	10.565	98	582571	51.097	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.200%
62) 4-Bromofluorobenzene	12.847	95	216994	53.901	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	107.800%
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	44881	35.023	ug/l	90
25) 2-Butanone	7.483	43	5663	2.860	ug/l	99
95) Naphthalene	15.635	128	10875	1.133	ug/l	97

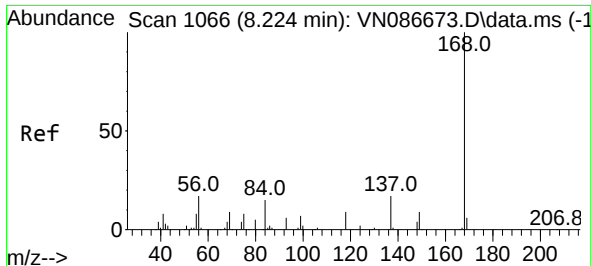
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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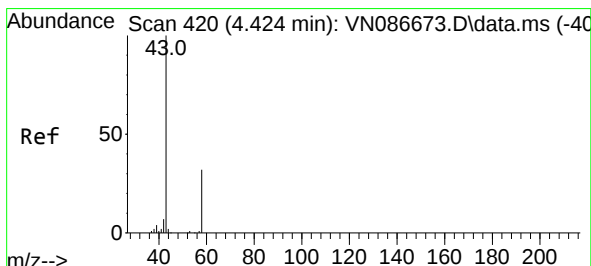
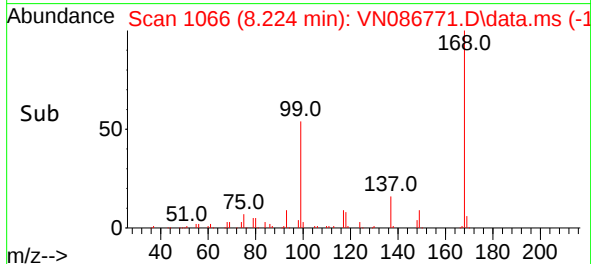
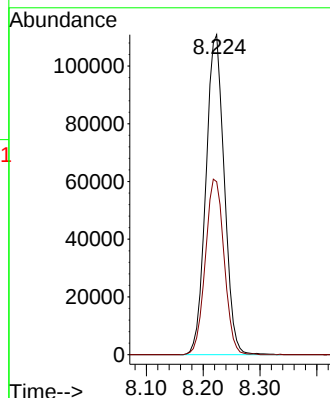
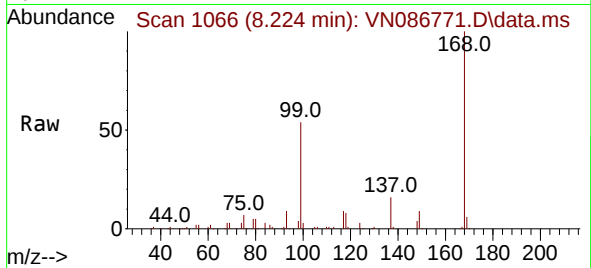




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086771.D
Acq: 23 May 2025 12:16

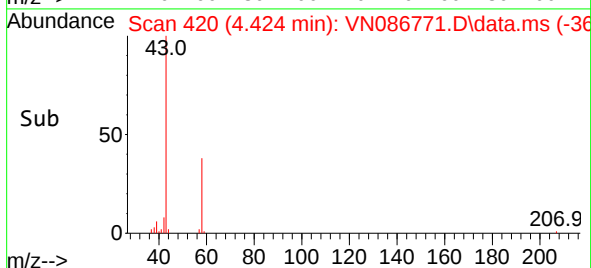
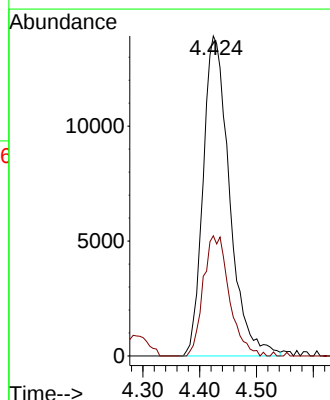
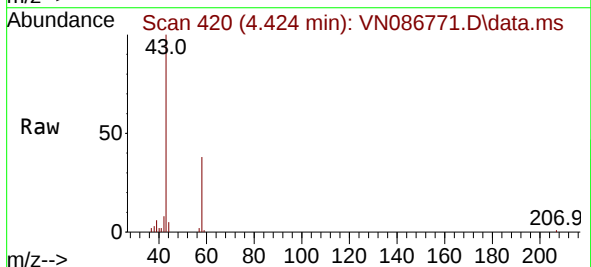
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-1

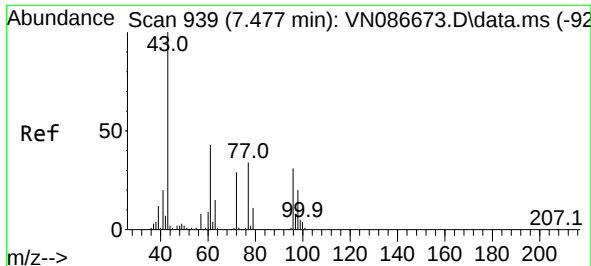
Tgt Ion:168 Resp: 247918
Ion Ratio Lower Upper
168 100
99 54.0 47.0 70.4



#16
Acetone
Concen: 35.023 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086771.D
Acq: 23 May 2025 12:16

Tgt Ion: 43 Resp: 44881
Ion Ratio Lower Upper
43 100
58 37.5 25.8 38.6

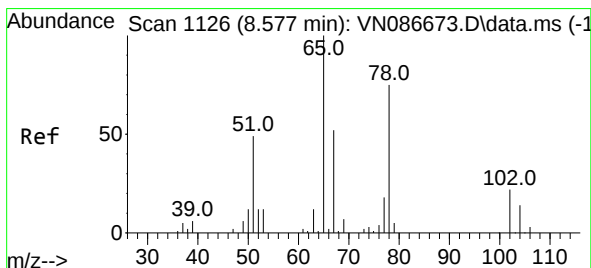
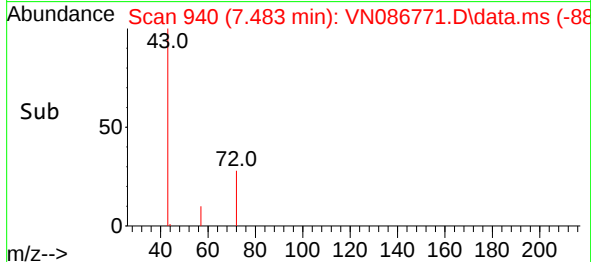
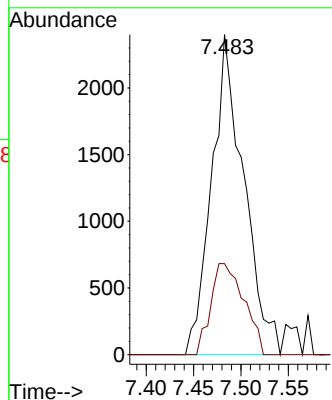
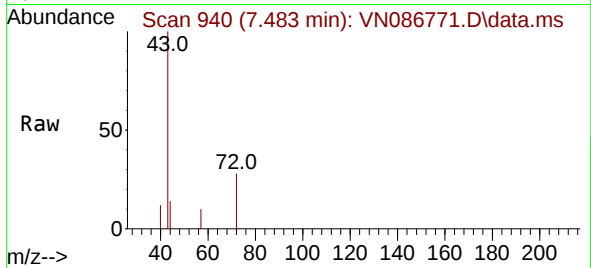




#25
2-Butanone
Concen: 2.860 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN086771.D
Acq: 23 May 2025 12:16

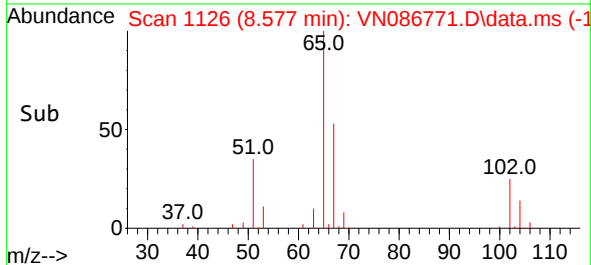
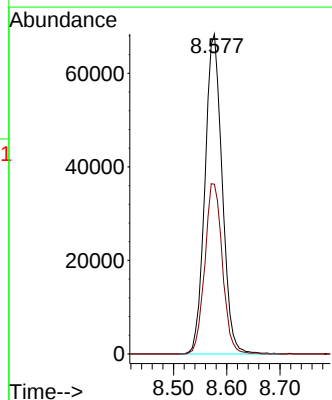
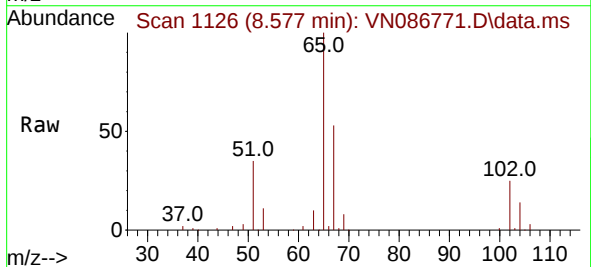
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-1

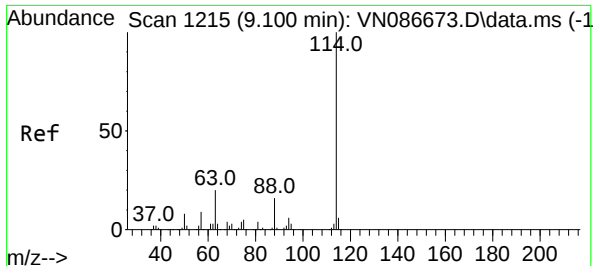
Tgt Ion: 43 Resp: 5663
Ion Ratio Lower Upper
43 100
72 28.5 23.1 34.7



#33
1,2-Dichloroethane-d4
Concen: 44.818 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086771.D
Acq: 23 May 2025 12:16

Tgt Ion: 65 Resp: 153536
Ion Ratio Lower Upper
65 100
67 54.2 0.0 106.4

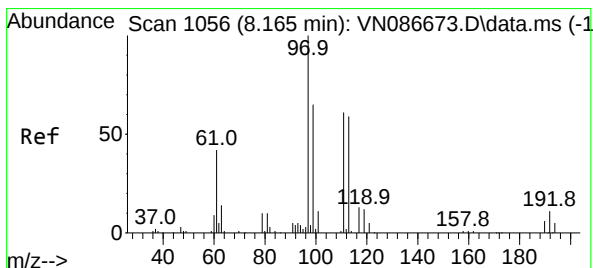
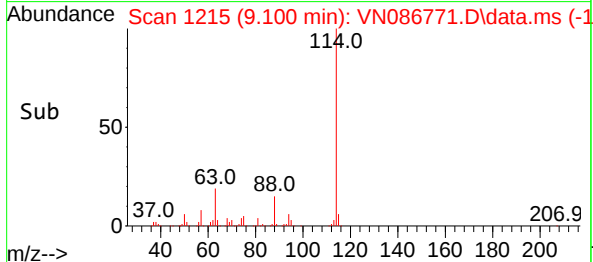
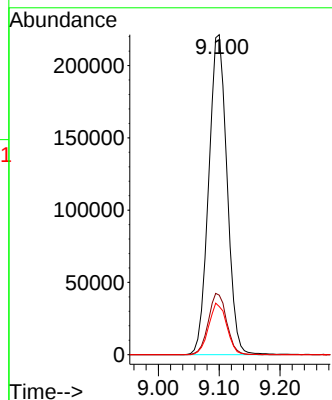
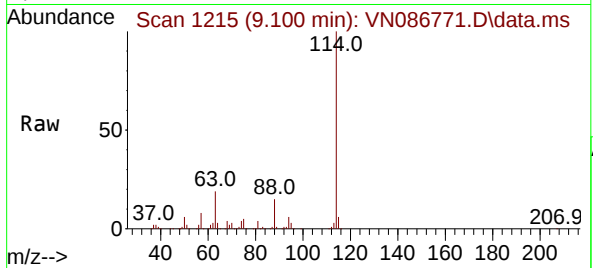




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086771.D
Acq: 23 May 2025 12:16

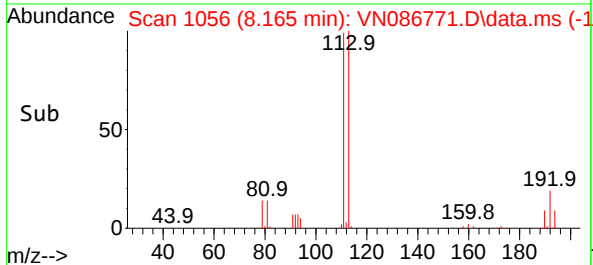
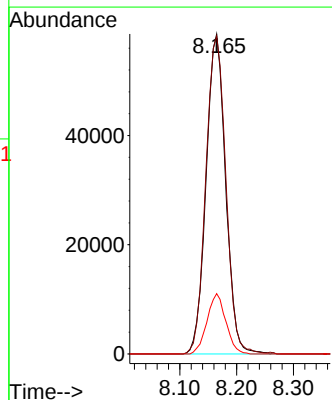
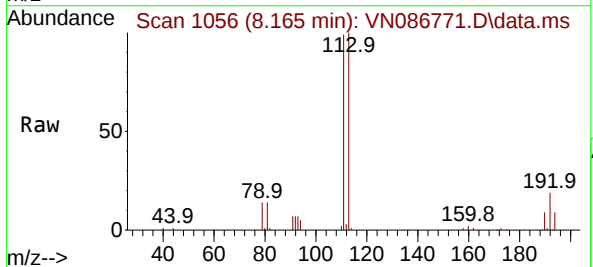
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-1

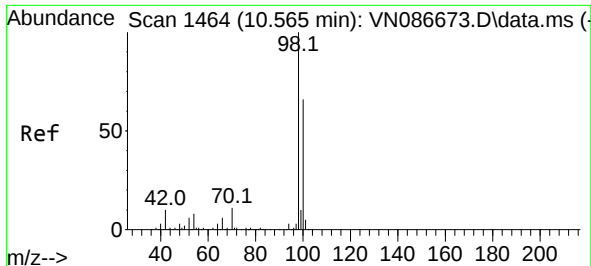
Tgt Ion:114 Resp: 461976
Ion Ratio Lower Upper
114 100
63 18.6 0.0 40.2
88 15.1 0.0 31.2



#35
Dibromofluoromethane
Concen: 50.701 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086771.D
Acq: 23 May 2025 12:16

Tgt Ion:113 Resp: 139491
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.2
192 18.2 13.8 20.8

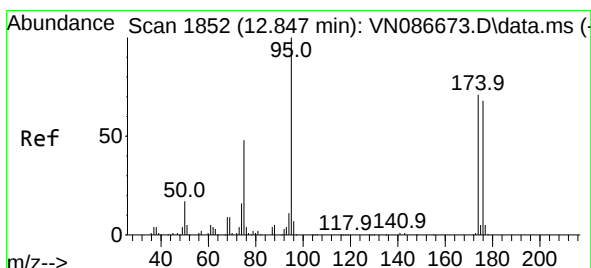
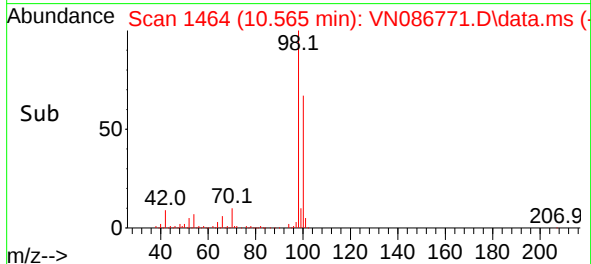
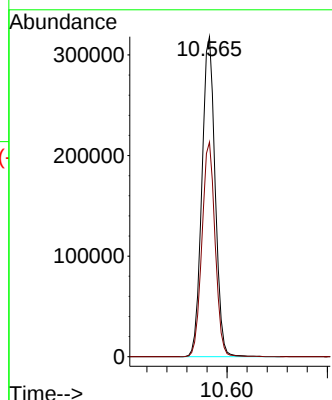
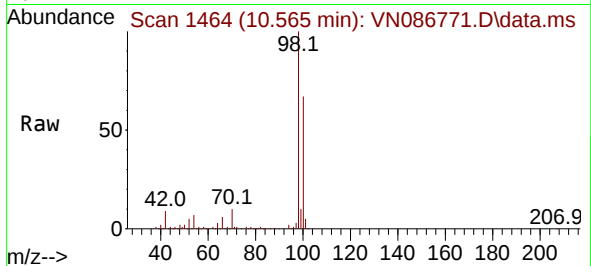




#50
Toluene-d8
Concen: 51.097 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086771.D
Acq: 23 May 2025 12:16

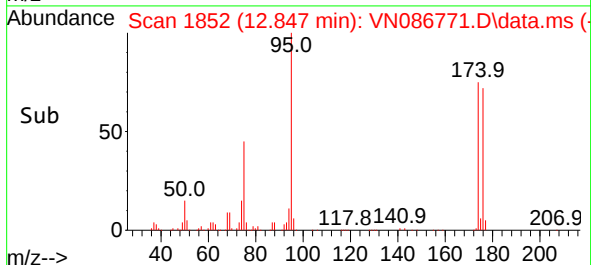
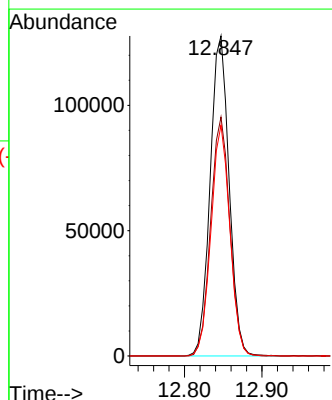
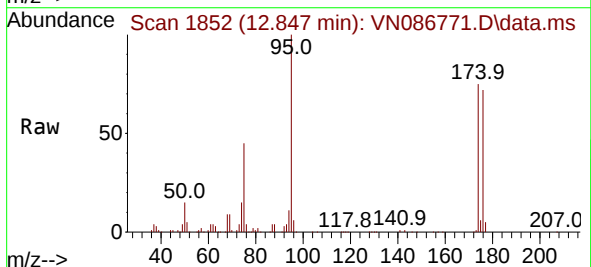
Instrument :
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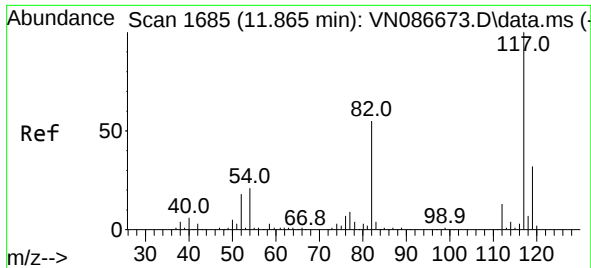
Tgt Ion: 98 Resp: 582571
Ion Ratio Lower Upper
98 100
100 66.8 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 53.901 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086771.D
Acq: 23 May 2025 12:16

Tgt Ion: 95 Resp: 216994
Ion Ratio Lower Upper
95 100
174 75.5 0.0 145.4
176 71.6 0.0 137.8

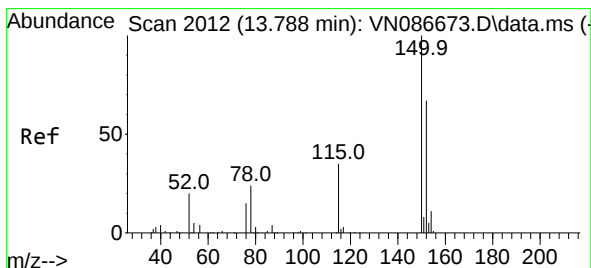
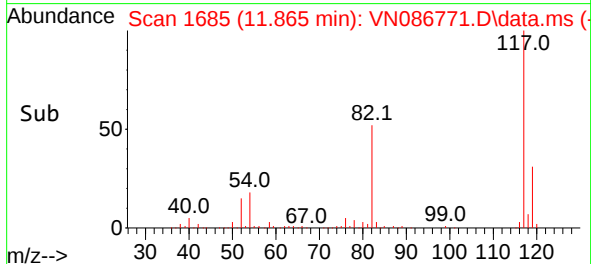
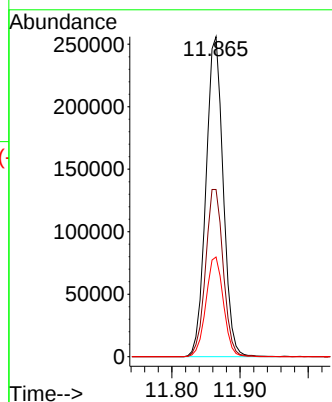
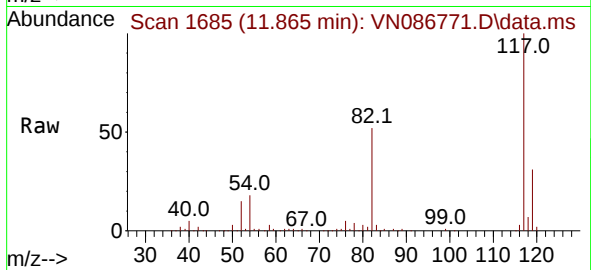




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086771.D
Acq: 23 May 2025 12:16

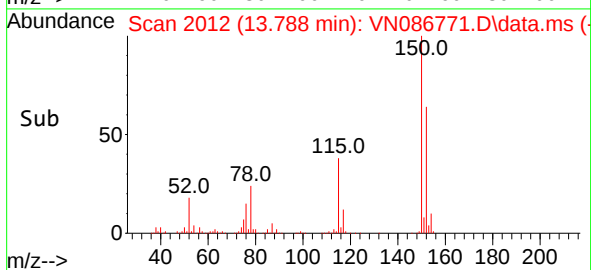
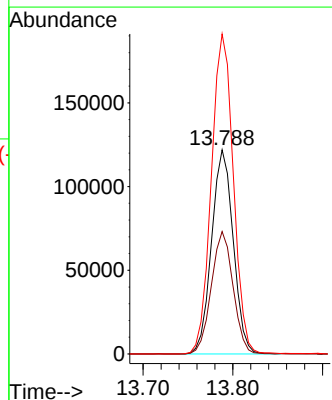
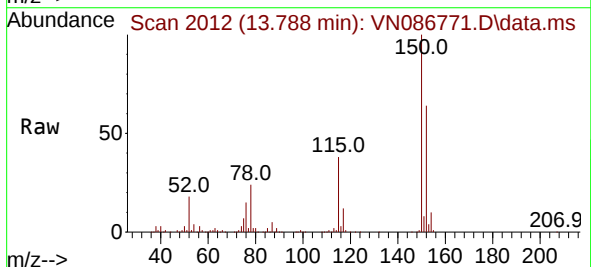
Instrument :
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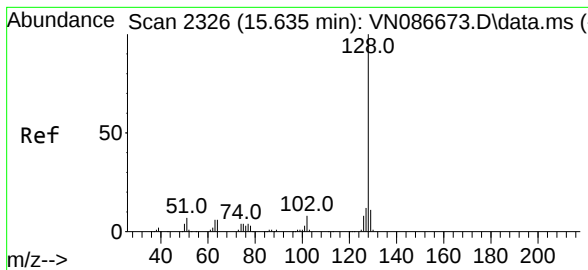
Tgt Ion:117 Resp: 449647
Ion Ratio Lower Upper
117 100
82 52.3 44.2 66.2
119 31.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086771.D
Acq: 23 May 2025 12:16

Tgt Ion:152 Resp: 204624
Ion Ratio Lower Upper
152 100
115 60.1 30.0 90.1
150 159.3 0.0 347.8





#95
 Naphthalene
 Concen: 1.133 ug/l
 RT: 15.635 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN086771.D
 Acq: 23 May 2025 12:16

Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-1

Tgt Ion:	128	Resp:	10875
Ion	Ratio	Lower	Upper
128	100		
127	11.6	10.1	15.1
129	9.7	8.6	13.0

