

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070124\
 Data File : VN082760.D
 Acq On : 01 Jul 2024 13:03
 Operator : JC\MD
 Sample : P3120-01DL 200X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-20240627DL

Quant Time: Jul 02 00:06:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 06:02:21 2024
 Response via : Initial Calibration

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

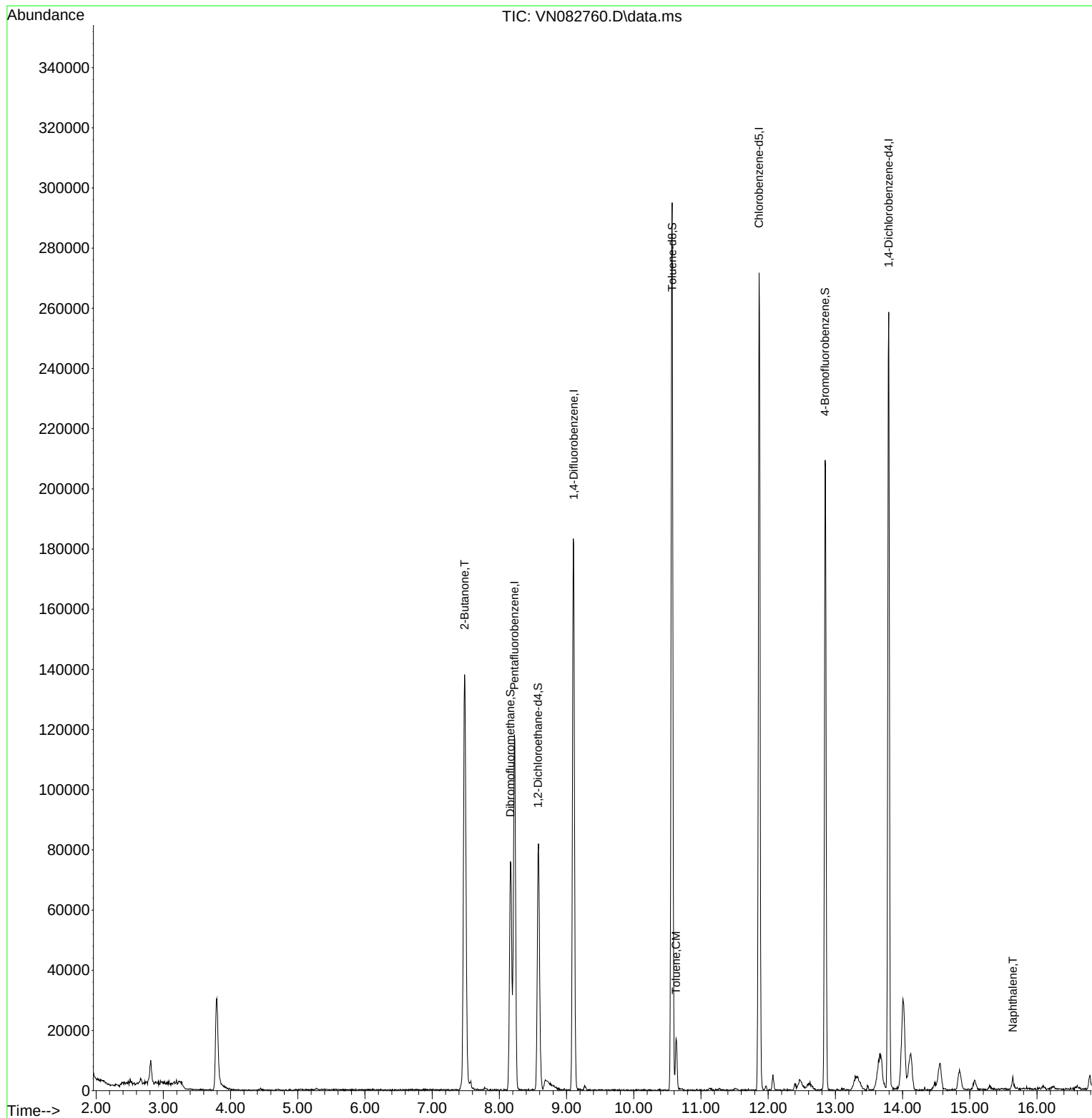
Internal Standards						
1) Pentafluorobenzene	8.224	168	84873	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	158683	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	153135	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	68868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	67687	51.714	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.420%			
35) Dibromofluoromethane	8.165	113	54600	52.261	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.520%			
50) Toluene-d8	10.571	98	202525	51.834	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.660%			
62) 4-Bromofluorobenzene	12.847	95	68476	51.033	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 102.060%			
Target Compounds						Qvalue
25) 2-Butanone	7.483	43	221547	292.423	ug/l	95
52) Toluene	10.629	92	7421	2.565	ug/l	98
95) Naphthalene	15.641	128	3767	1.023	ug/l #	92

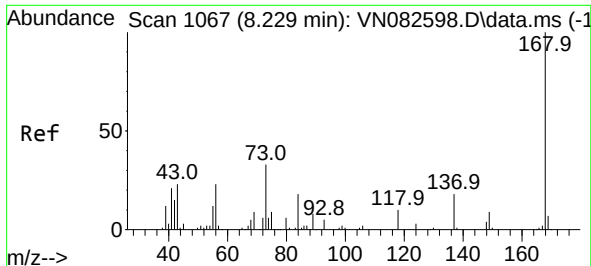
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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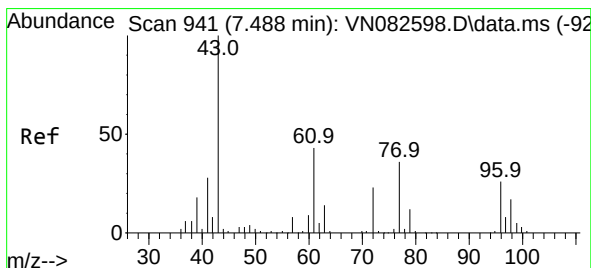
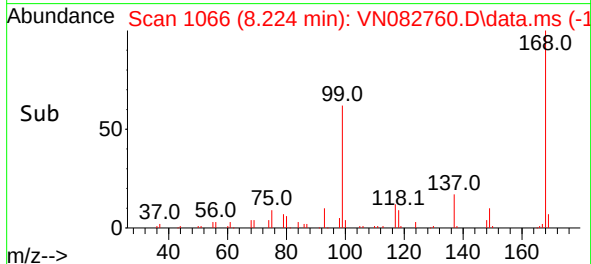
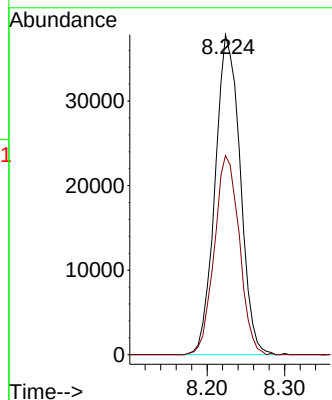
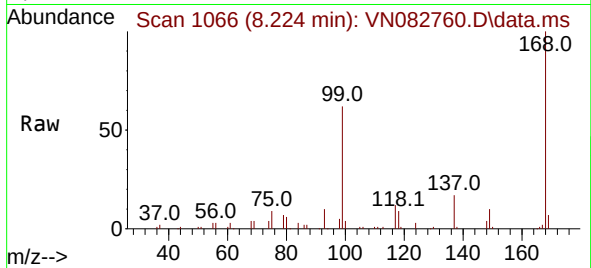




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN082760.D
Acq: 01 Jul 2024 13:03

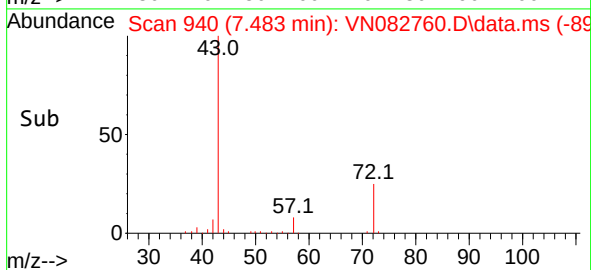
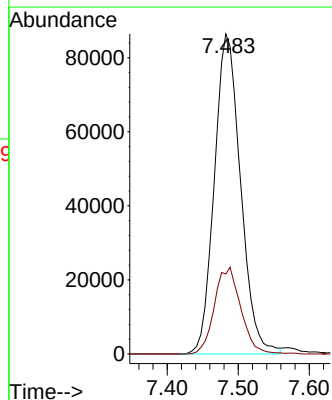
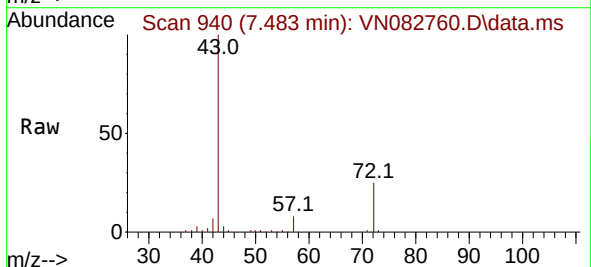
Instrument :
MSVOA_N
ClientSampleId :
WC-20240627DL

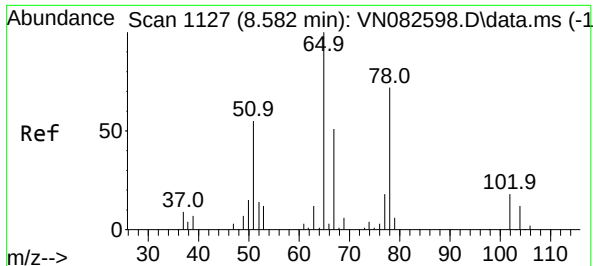
Tgt Ion:168 Resp: 84873
Ion Ratio Lower Upper
168 100
99 62.2 48.2 72.4



#25
2-Butanone
Concen: 292.423 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.005 min
Lab File: VN082760.D
Acq: 01 Jul 2024 13:03

Tgt Ion: 43 Resp: 221547
Ion Ratio Lower Upper
43 100
72 25.0 18.2 27.2

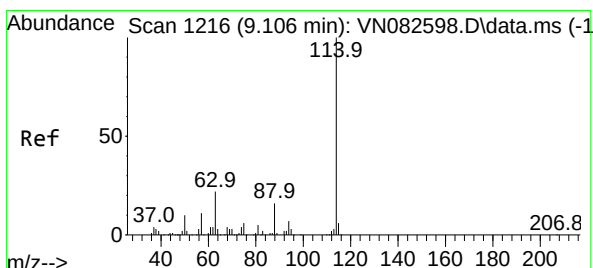
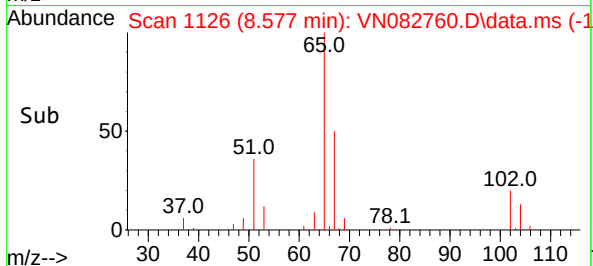
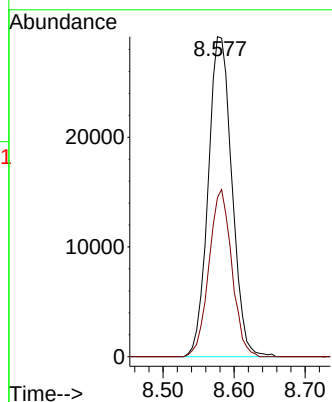
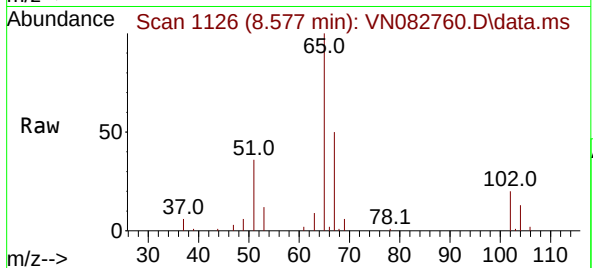




#33
 1,2-Dichloroethane-d4
 Concen: 51.714 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.005 min
 Lab File: VN082760.D
 Acq: 01 Jul 2024 13:03

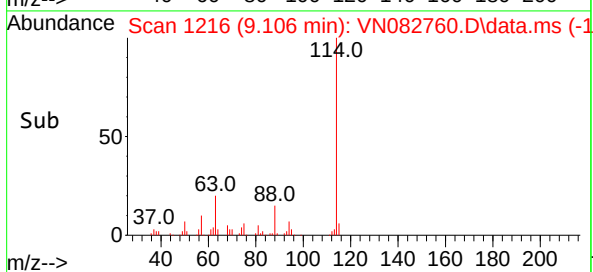
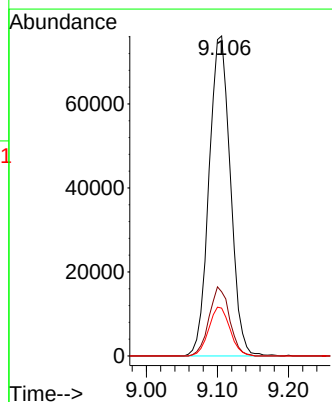
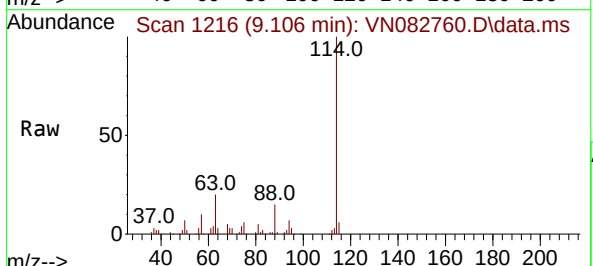
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-20240627DL

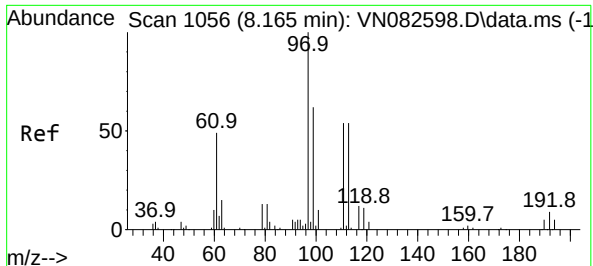
Tgt Ion: 65 Resp: 67687
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.000 min
 Lab File: VN082760.D
 Acq: 01 Jul 2024 13:03

Tgt Ion: 114 Resp: 158683
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 44.6
 88 15.0 0.0 31.4

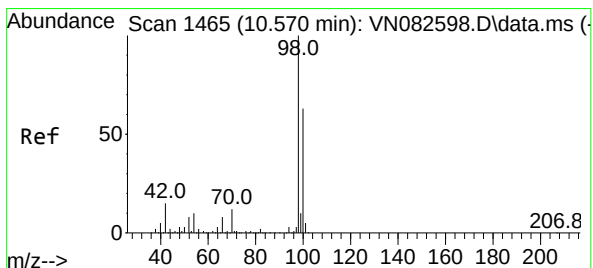
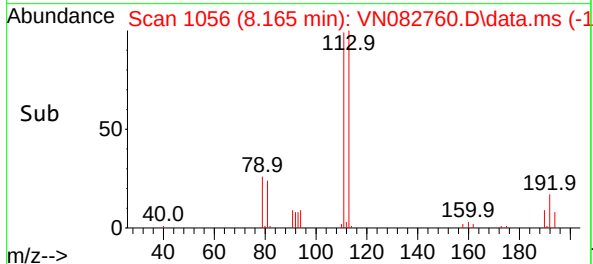
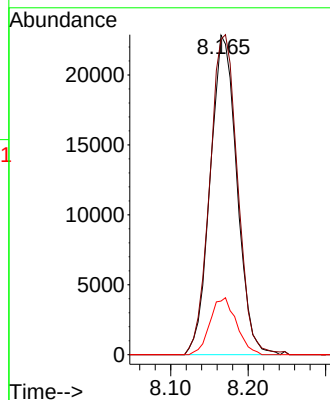
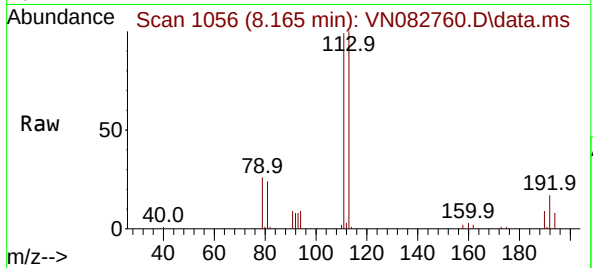




#35
Dibromofluoromethane
Concen: 52.261 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082760.D
Acq: 01 Jul 2024 13:03

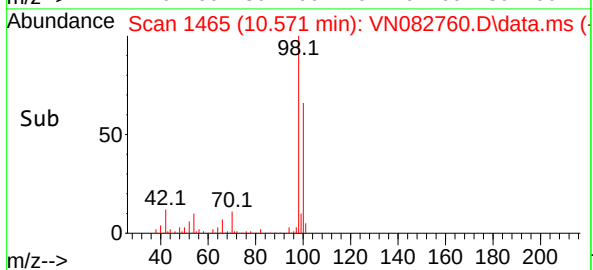
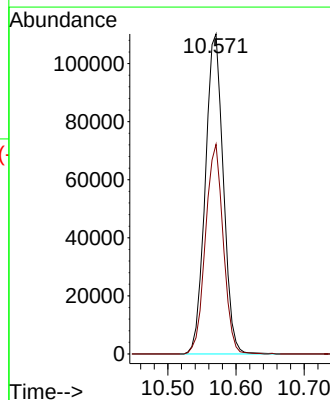
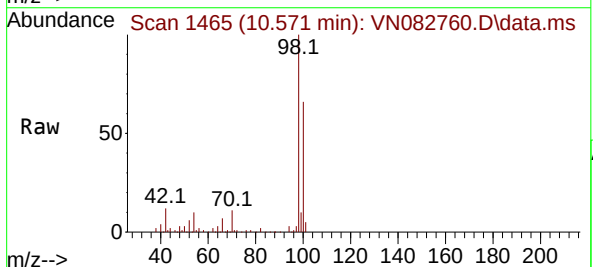
Instrument :
MSVOA_N
ClientSampleId :
WC-20240627DL

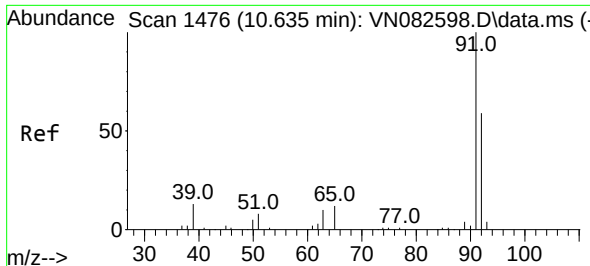
Tgt Ion:113 Resp: 54600
Ion Ratio Lower Upper
113 100
111 104.2 82.4 123.6
192 17.6 14.9 22.3



#50
Toluene-d8
Concen: 51.834 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082760.D
Acq: 01 Jul 2024 13:03

Tgt Ion: 98 Resp: 202525
Ion Ratio Lower Upper
98 100
100 64.7 51.5 77.3

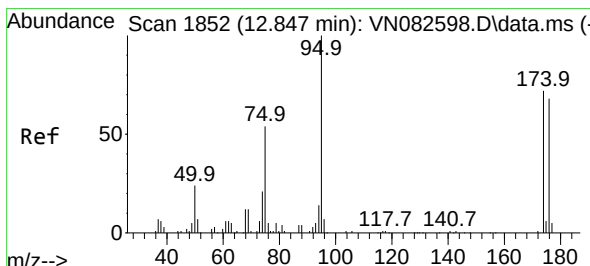
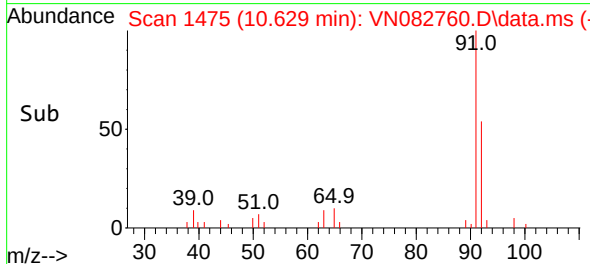
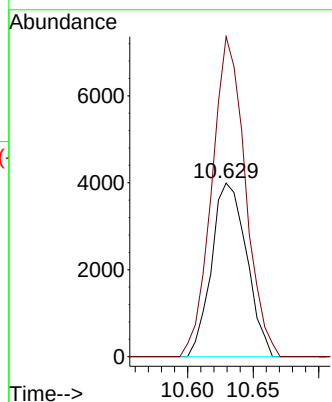
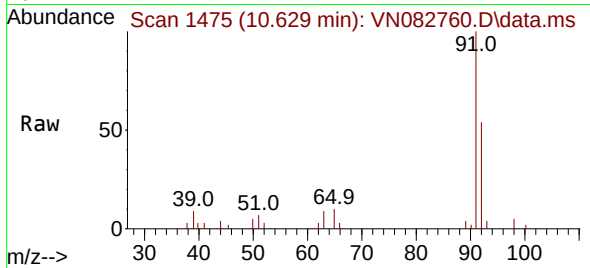




#52
Toluene
Concen: 2.565 ug/l
RT: 10.629 min Scan# 1476
Delta R.T. -0.006 min
Lab File: VN082760.D
Acq: 01 Jul 2024 13:03

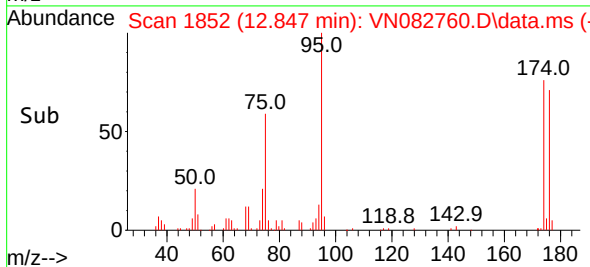
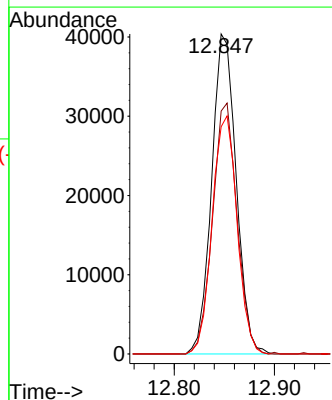
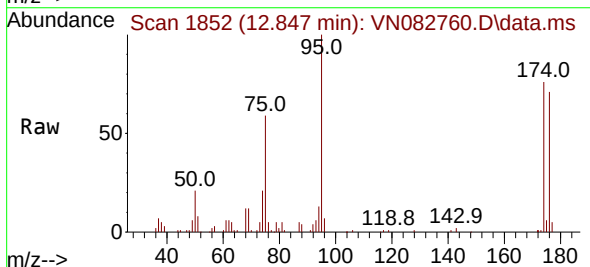
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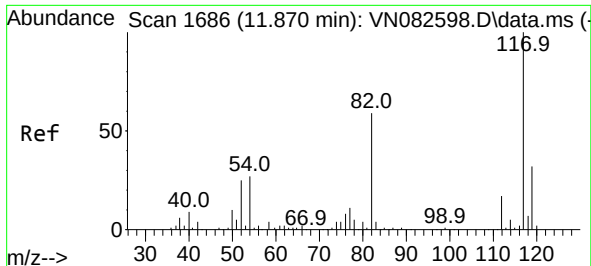
Tgt Ion: 92 Resp: 7421
Ion Ratio Lower Upper
92 100
91 176.4 139.4 209.0



#62
4-Bromofluorobenzene
Concen: 51.033 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082760.D
Acq: 01 Jul 2024 13:03

Tgt Ion: 95 Resp: 68476
Ion Ratio Lower Upper
95 100
174 78.5 0.0 159.2
176 75.7 0.0 147.6

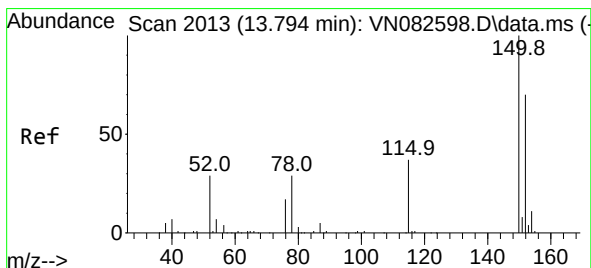
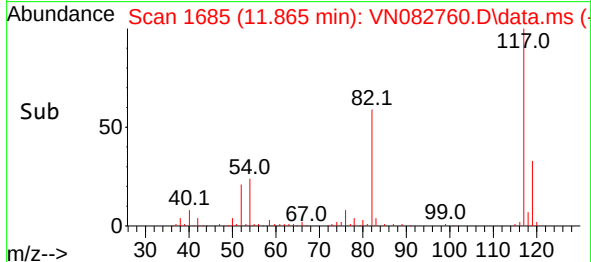
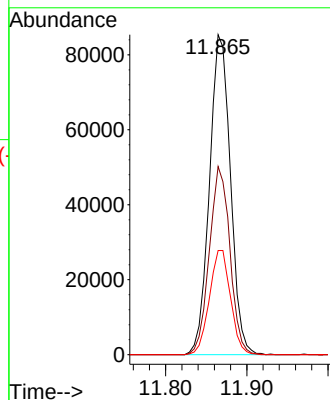
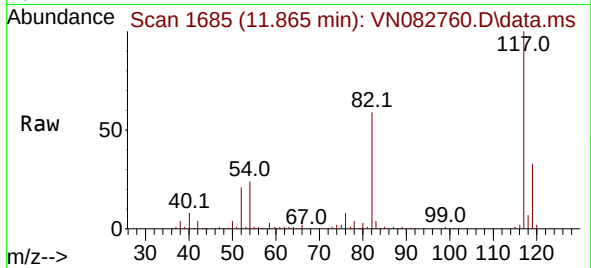




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.005 min
Lab File: VN082760.D
Acq: 01 Jul 2024 13:03

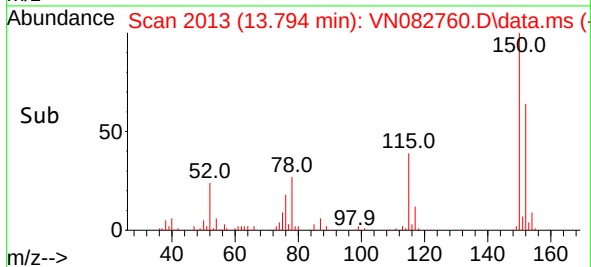
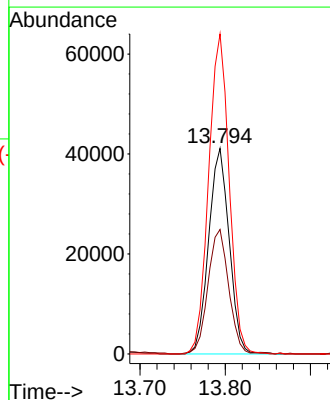
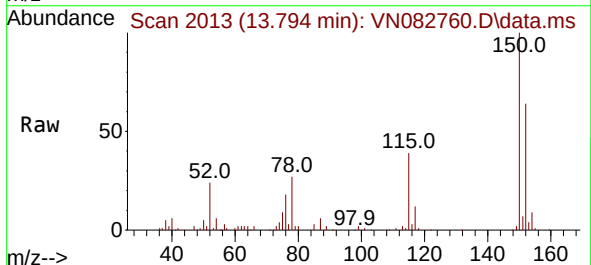
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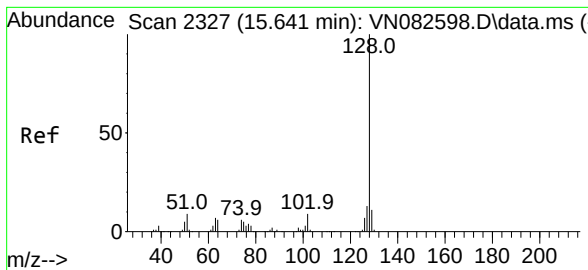
Tgt Ion:117 Resp: 153135
Ion Ratio Lower Upper
117 100
82 58.8 47.5 71.3
119 32.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082760.D
Acq: 01 Jul 2024 13:03

Tgt Ion:152 Resp: 68868
Ion Ratio Lower Upper
152 100
115 61.3 30.6 91.6
150 155.2 0.0 348.6





#95
 Naphthalene
 Concen: 1.023 ug/l
 RT: 15.641 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN082760.D
 Acq: 01 Jul 2024 13:03

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-20240627DL

Tgt Ion:	128	Resp:	3767
Ion Ratio	Lower	Upper	
128	100		
127	11.8	10.6	16.0
129	5.8	8.6	12.8#

