

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070124\
 Data File : VN082771.D
 Acq On : 01 Jul 2024 17:29
 Operator : JC\MD
 Sample : PB161815ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161815ZHE#03

Quant Time: Jul 02 00:11:01 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)

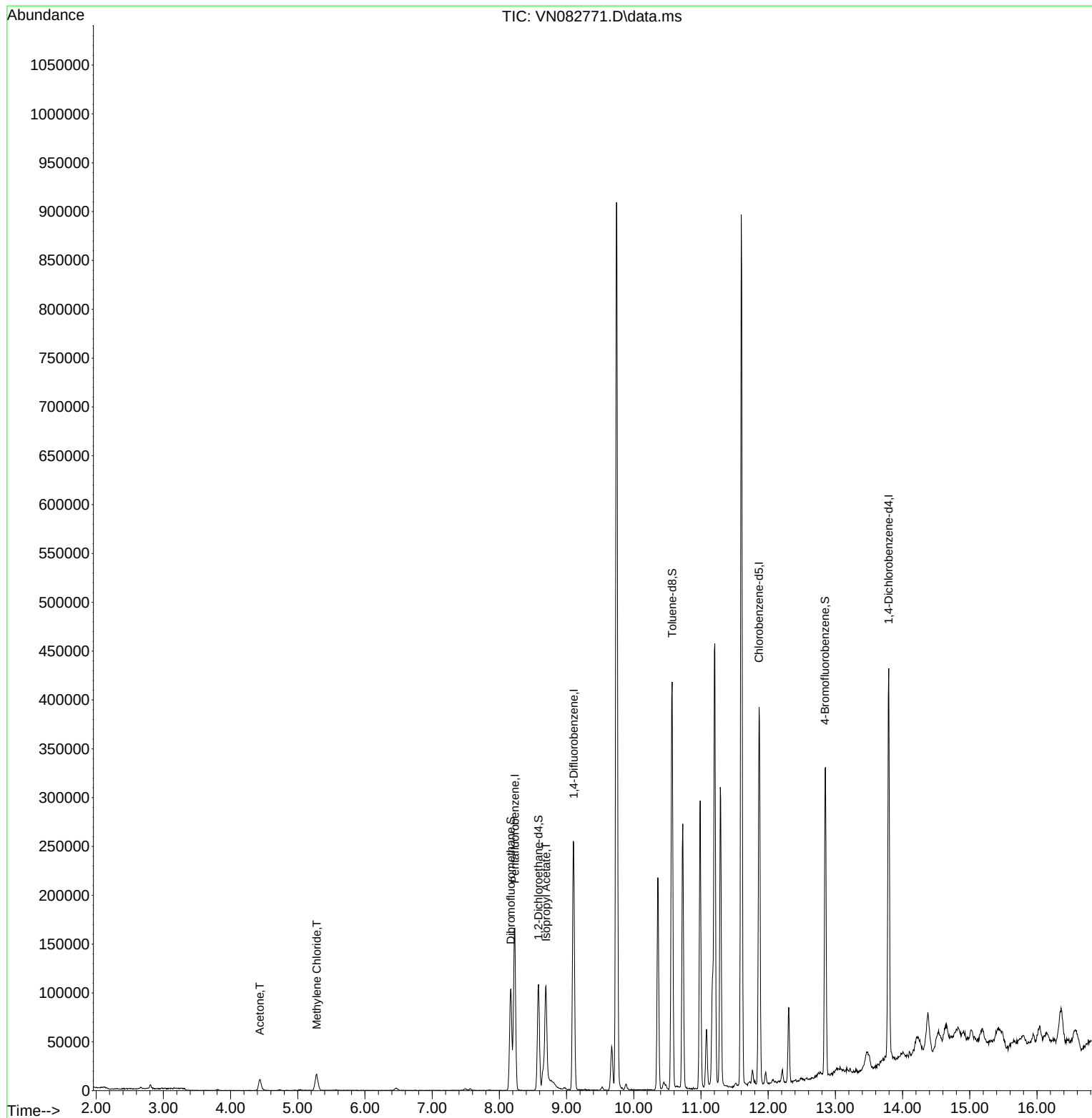
Internal Standards						
1) Pentafluorobenzene	8.229	168	119243	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	220231	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	223347	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	104070	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	89300	48.561	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.120%		
35) Dibromofluoromethane	8.171	113	73829	50.917	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.840%		
50) Toluene-d8	10.570	98	282139	52.030	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.060%		
62) 4-Bromofluorobenzene	12.847	95	106209	57.033	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	114.060%		
Target Compounds						
16) Acetone	4.436	43	21340	30.629	ug/l	95
20) Methylene Chloride	5.283	84	13257	7.520	ug/l #	80
43) Isopropyl Acetate	8.694	43	145231	37.114	ug/l #	88

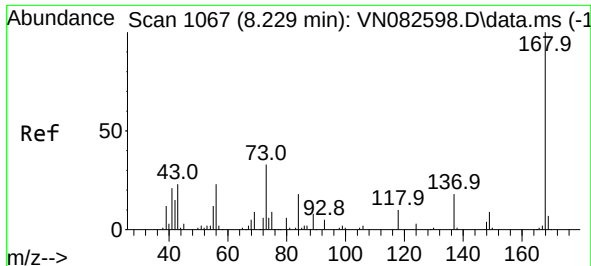
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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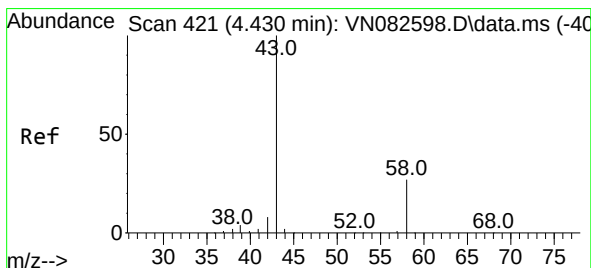
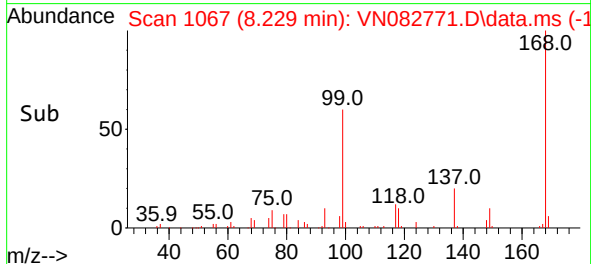
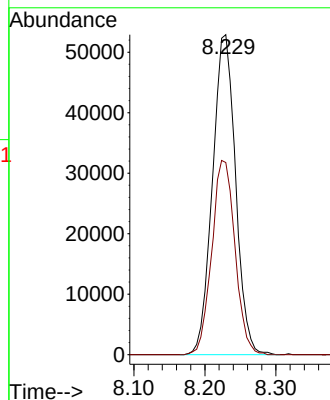
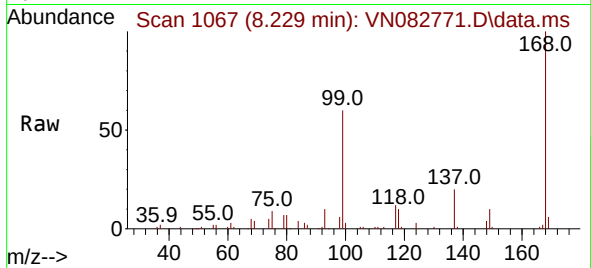




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.000 min
Lab File: VN082771.D
Acq: 01 Jul 2024 17:29

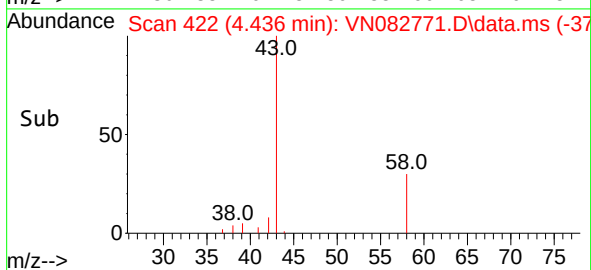
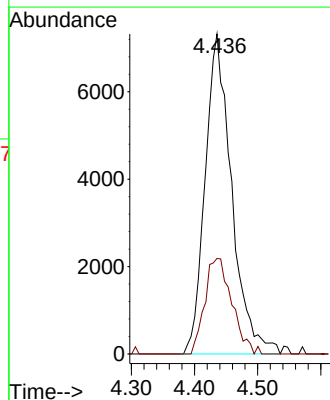
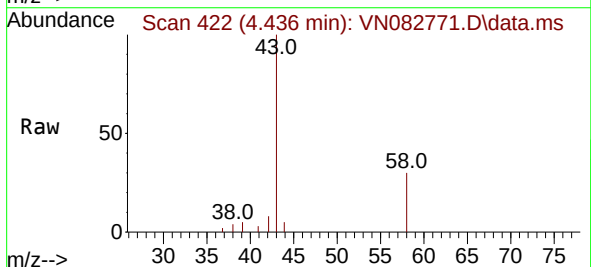
Instrument :
MSVOA_N
ClientSampleId :
PB161815ZHE#03

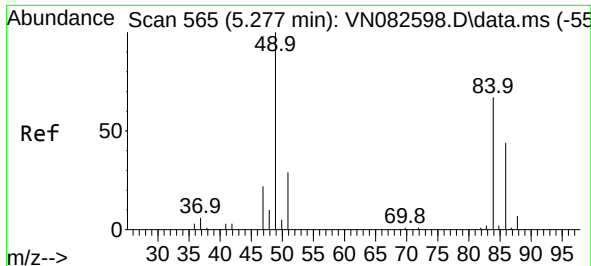
Tgt Ion:168 Resp: 119243
Ion Ratio Lower Upper
168 100
99 60.1 48.2 72.4



#16
Acetone
Concen: 30.629 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN082771.D
Acq: 01 Jul 2024 17:29

Tgt Ion: 43 Resp: 21340
Ion Ratio Lower Upper
43 100
58 29.9 21.8 32.6

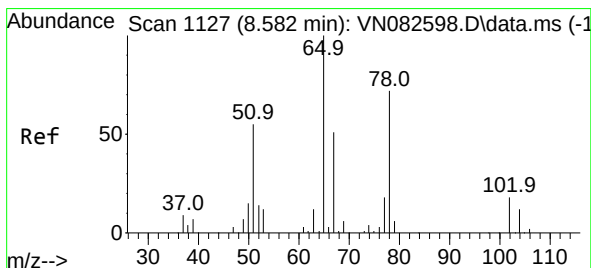
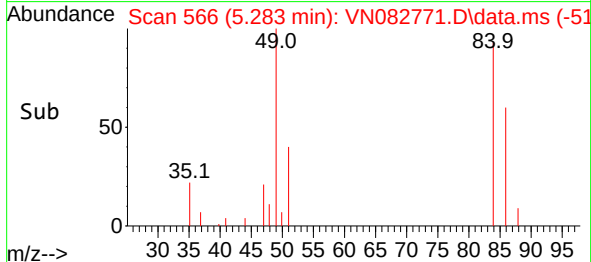
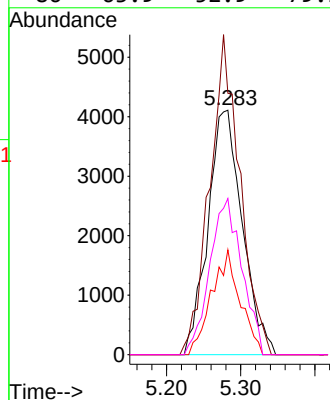
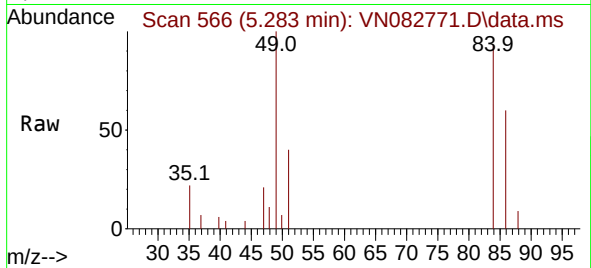




#20
Methylene Chloride
Concen: 7.520 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082771.D
Acq: 01 Jul 2024 17:29

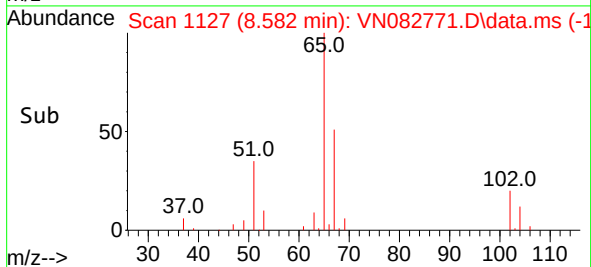
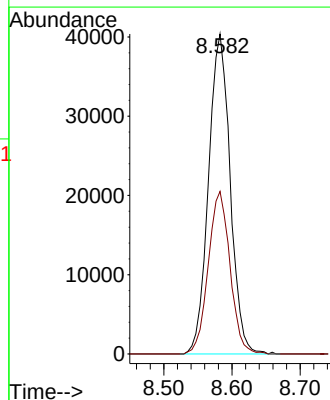
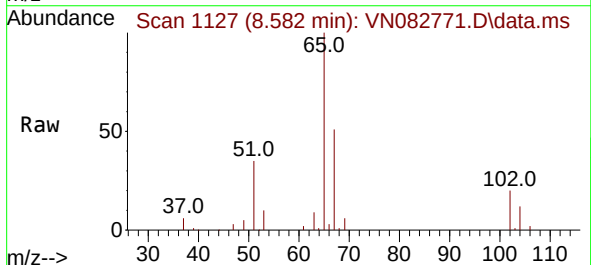
Instrument :
MSVOA_N
ClientSampleId :
PB161815ZHE#03

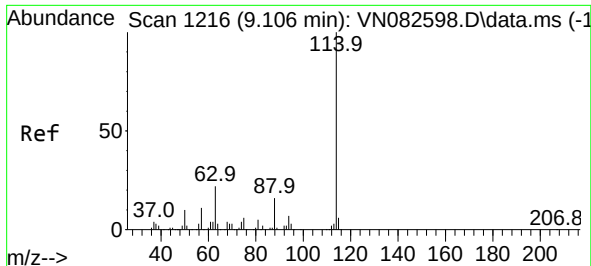
Tgt Ion: 84 Resp: 13257
Ion Ratio Lower Upper
84 100
49 107.0 119.6 179.4#
51 42.9 34.8 52.2
86 63.9 52.9 79.3



#33
1,2-Dichloroethane-d4
Concen: 48.561 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082771.D
Acq: 01 Jul 2024 17:29

Tgt Ion: 65 Resp: 89300
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.4

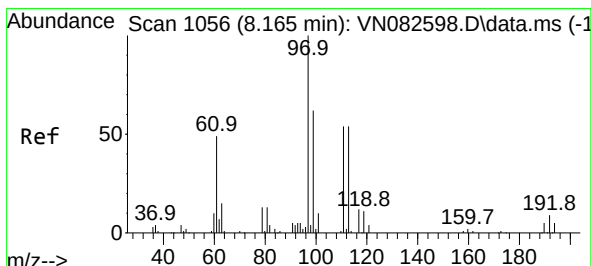
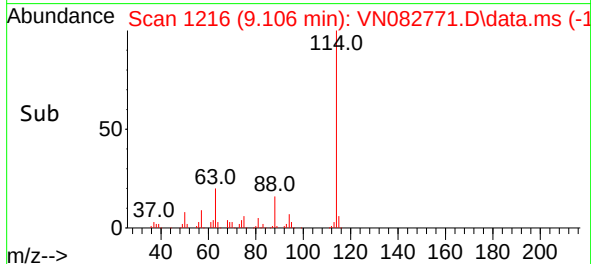
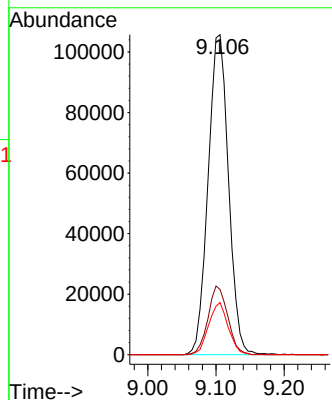
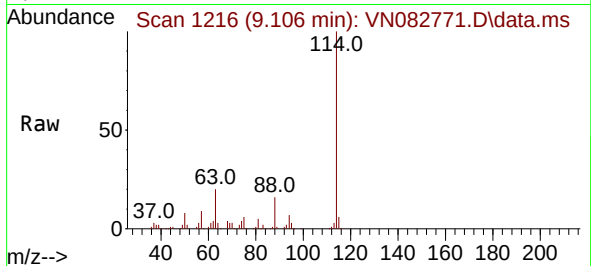




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082771.D
Acq: 01 Jul 2024 17:29

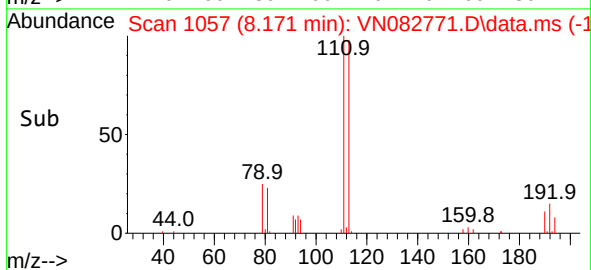
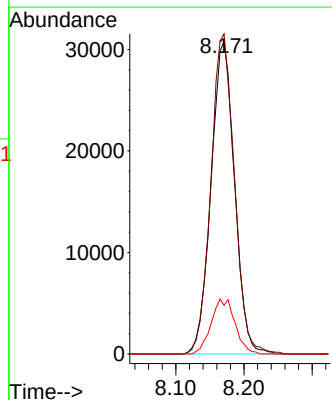
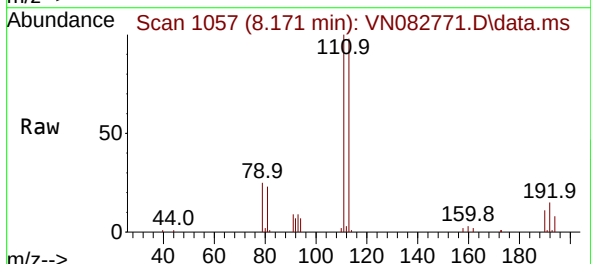
Instrument :
MSVOA_N
ClientSampleId :
PB161815ZHE#03

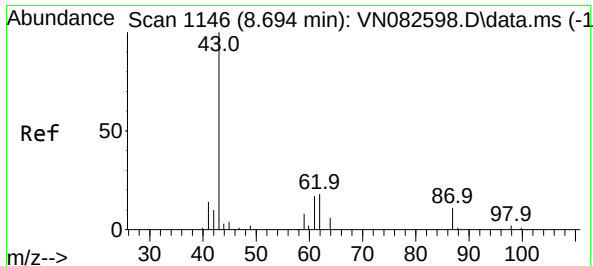
Tgt Ion:114 Resp: 220231
Ion Ratio Lower Upper
114 100
63 20.4 0.0 44.6
88 16.3 0.0 31.4



#35
Dibromofluoromethane
Concen: 50.917 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082771.D
Acq: 01 Jul 2024 17:29

Tgt Ion:113 Resp: 73829
Ion Ratio Lower Upper
113 100
111 102.3 82.4 123.6
192 17.9 14.9 22.3

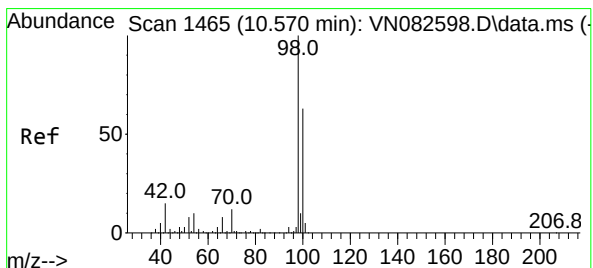
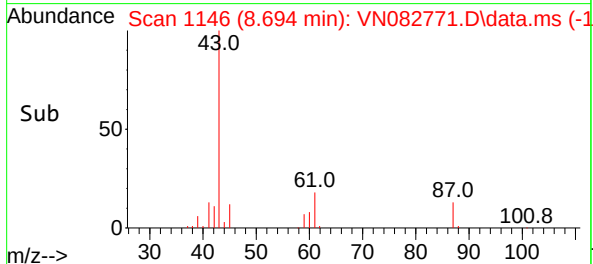
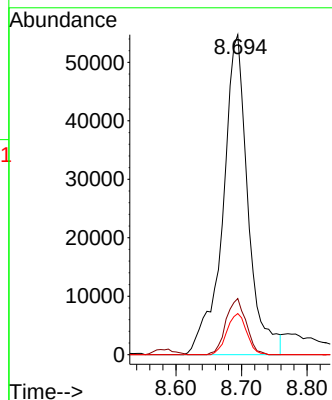
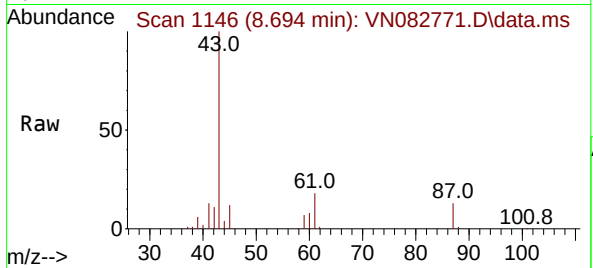




#43
Isopropyl Acetate
Concen: 37.114 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082771.D
Acq: 01 Jul 2024 17:29

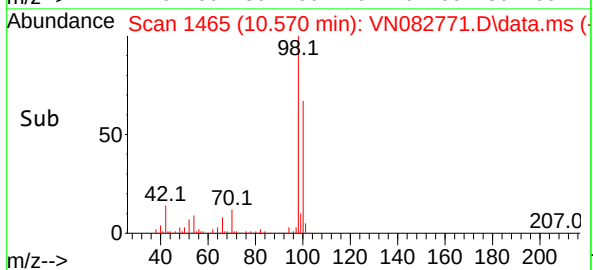
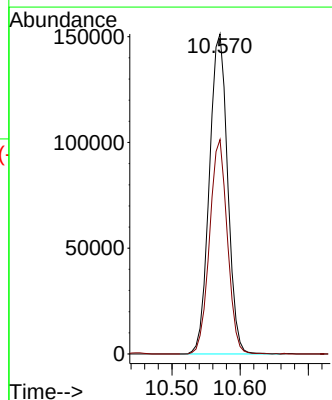
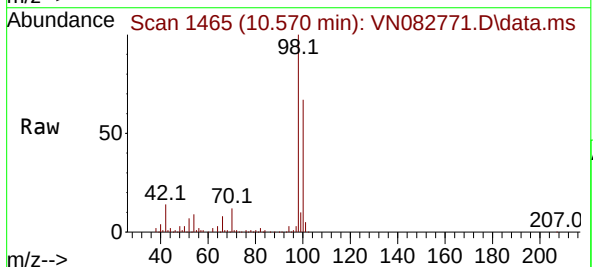
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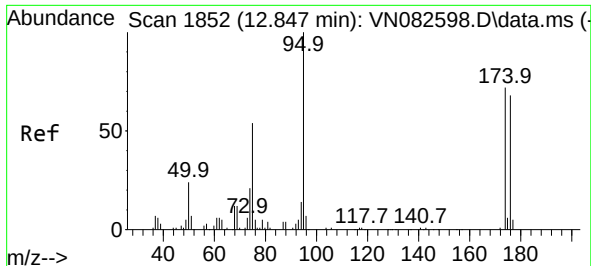
Tgt Ion: 43 Resp: 145231
Ion Ratio Lower Upper
43 100
61 14.2 17.8 26.6#
87 10.1 8.2 12.2



#50
Toluene-d8
Concen: 52.030 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082771.D
Acq: 01 Jul 2024 17:29

Tgt Ion: 98 Resp: 282139
Ion Ratio Lower Upper
98 100
100 65.2 51.5 77.3

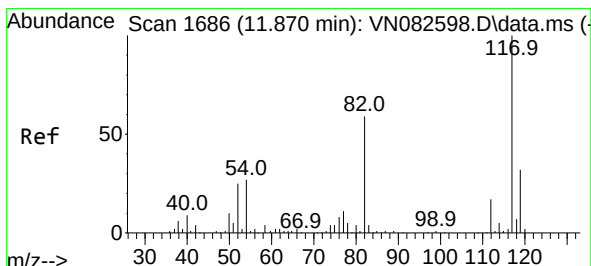
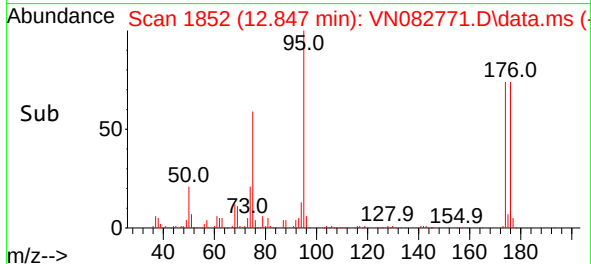
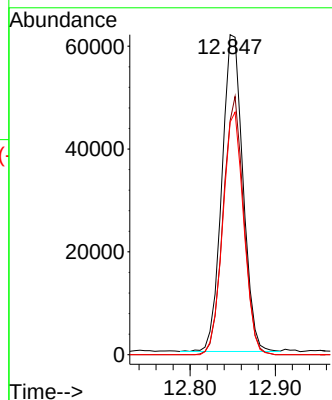
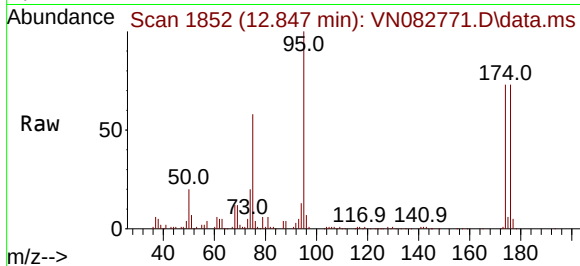




#62
4-Bromofluorobenzene
Concen: 57.033 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082771.D
Acq: 01 Jul 2024 17:29

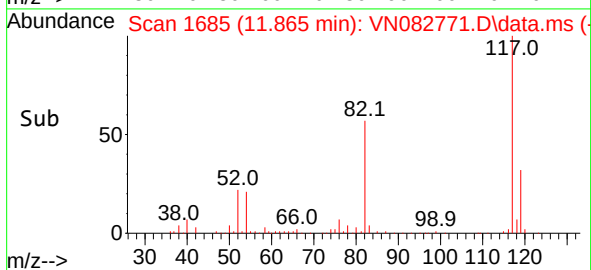
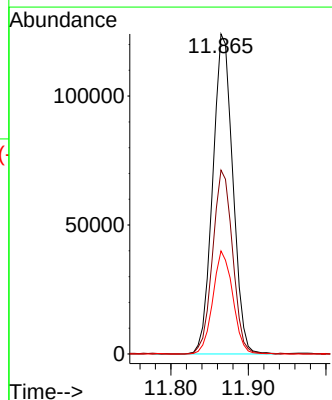
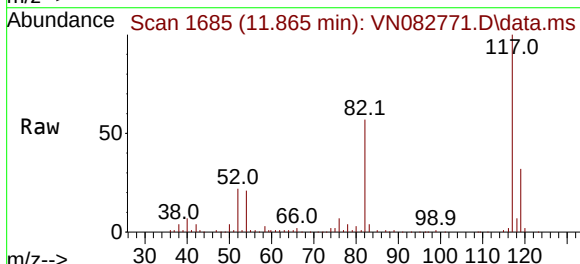
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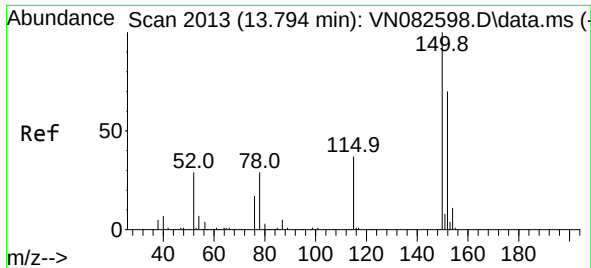
Tgt Ion: 95 Resp: 106209
Ion Ratio Lower Upper
95 100
174 79.0 0.0 159.2
176 76.0 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN082771.D
Acq: 01 Jul 2024 17:29

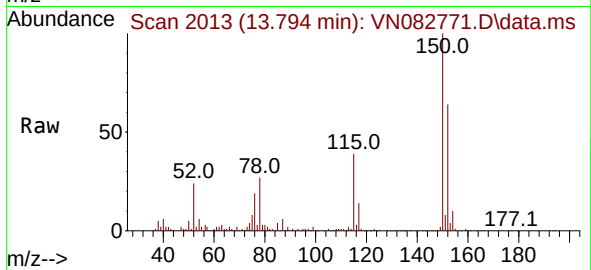
Tgt Ion: 117 Resp: 223347
Ion Ratio Lower Upper
117 100
82 57.5 47.5 71.3
119 32.2 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN082771.D
 Acq: 01 Jul 2024 17:29

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161815ZHE#03



Tgt Ion:152 Resp: 104070

Ion	Ratio	Lower	Upper
152	100		
115	60.6	30.6	91.6
150	154.9	0.0	348.6

