

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070324\
 Data File : VN082797.D
 Acq On : 03 Jul 2024 12:50
 Operator : JC\MD
 Sample : PB161888TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161888TB

Quant Time: Jul 03 23:57:08 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)

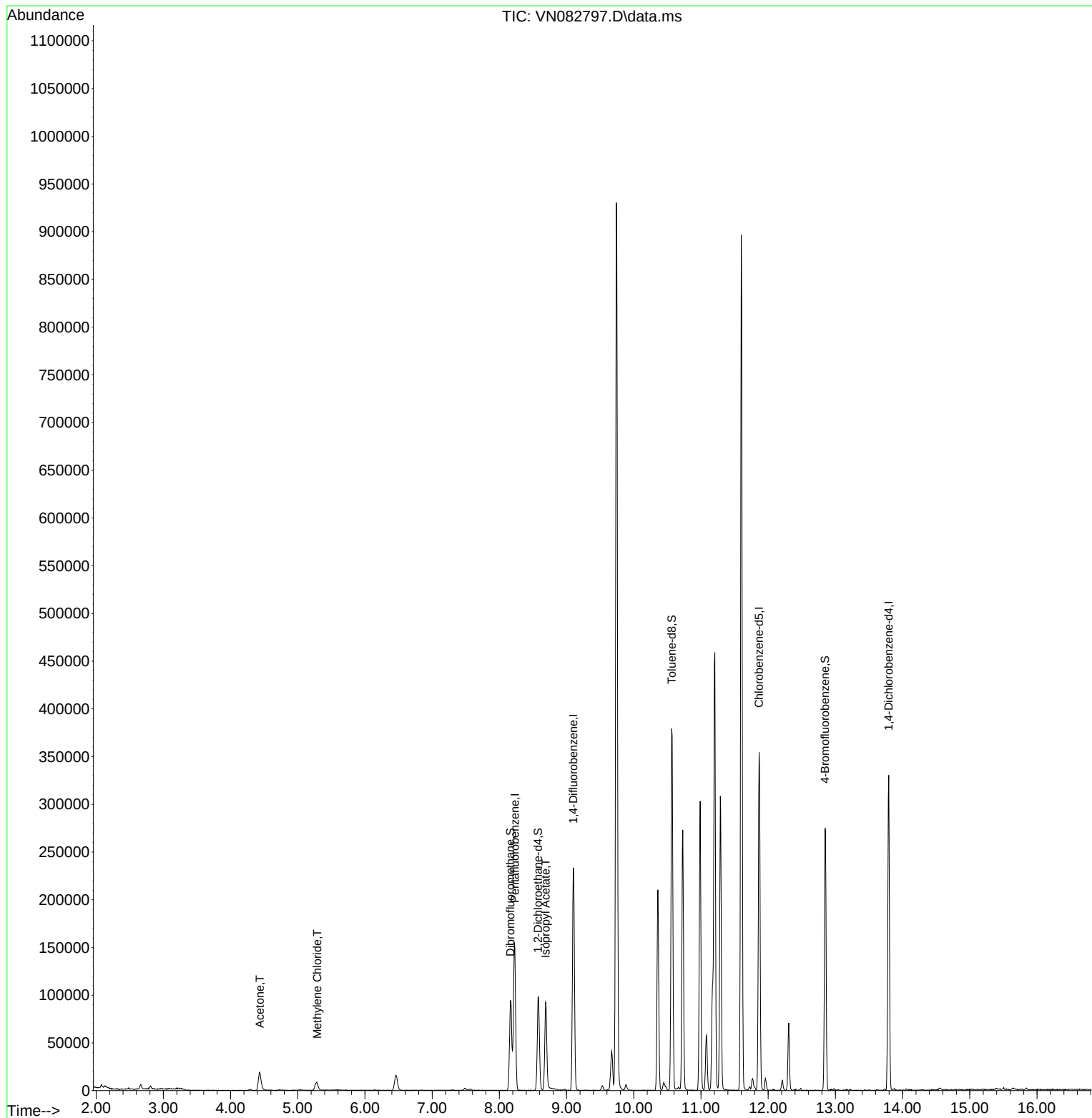
Internal Standards						
1) Pentafluorobenzene	8.230	168	110504	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	204988	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	205267	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	87917	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	83689	49.109	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.220%
35) Dibromofluoromethane	8.165	113	67560	50.058	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.120%
50) Toluene-d8	10.565	98	263087	52.124	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.240%
62) 4-Bromofluorobenzene	12.847	95	92070	53.117	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	106.240%
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	36722	56.876	ug/l	98
20) Methylene Chloride	5.289	84	6826	4.178	ug/l #	81
43) Isopropyl Acetate	8.688	43	106498	29.291	ug/l #	92

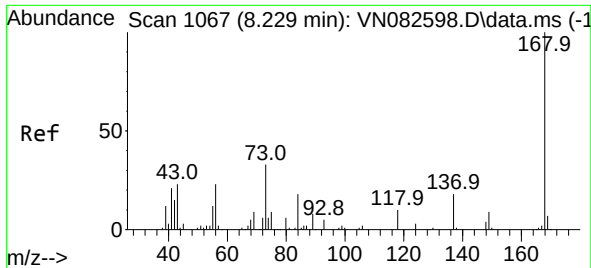
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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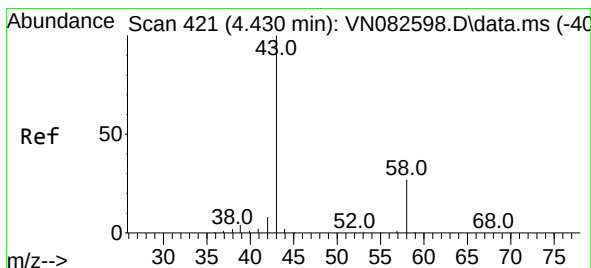
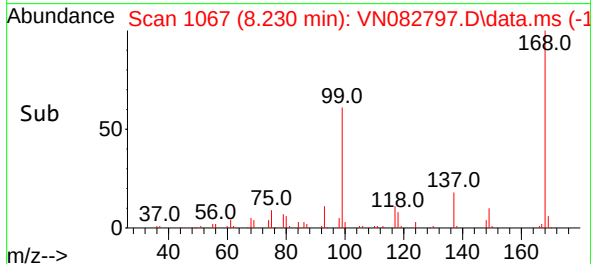
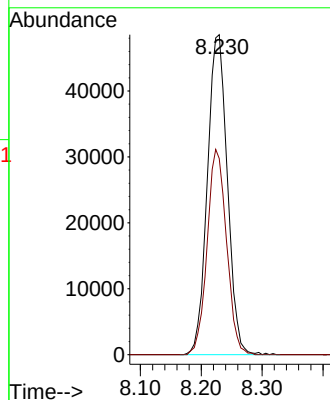
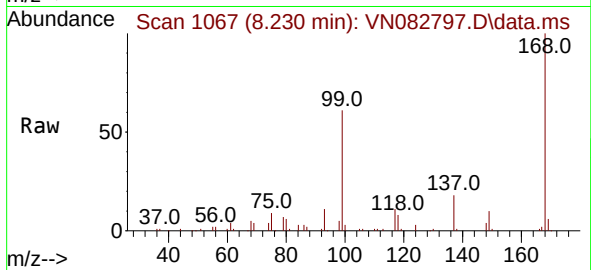




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN082797.D
Acq: 03 Jul 2024 12:50

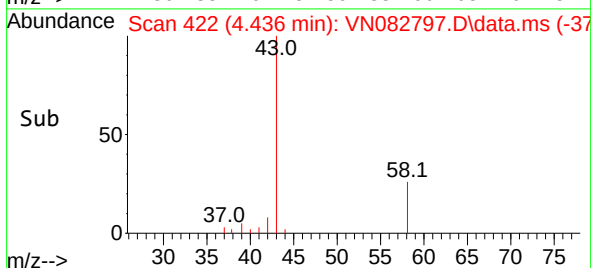
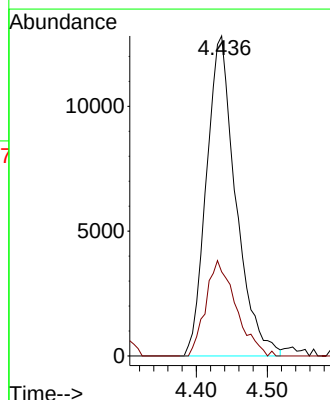
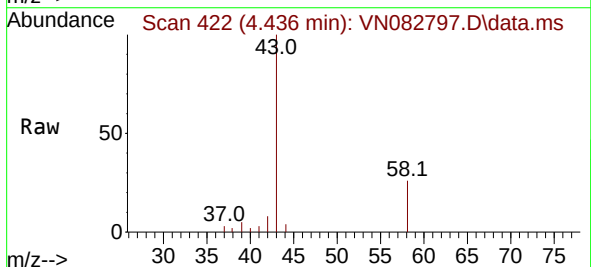
Instrument :
MSVOA_N
ClientSampleId :
PB161888TB

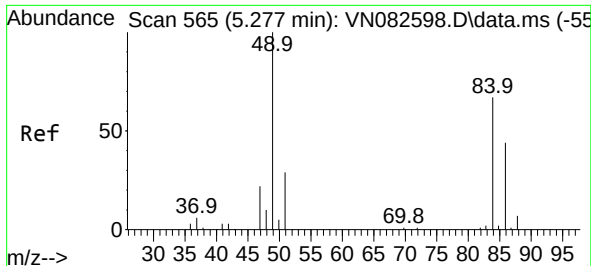
Tgt Ion:168 Resp: 110504
Ion Ratio Lower Upper
168 100
99 61.3 48.2 72.4



#16
Acetone
Concen: 56.876 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN082797.D
Acq: 03 Jul 2024 12:50

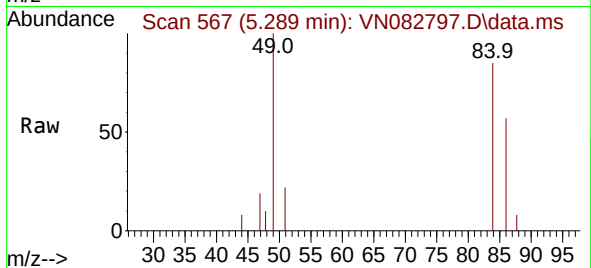
Tgt Ion: 43 Resp: 36722
Ion Ratio Lower Upper
43 100
58 26.3 21.8 32.6





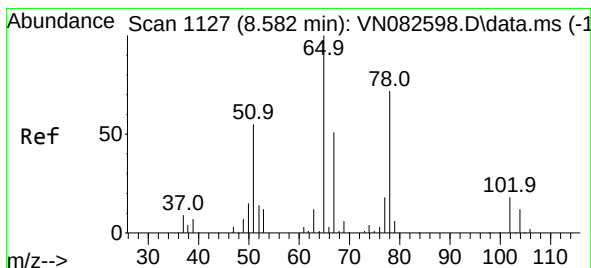
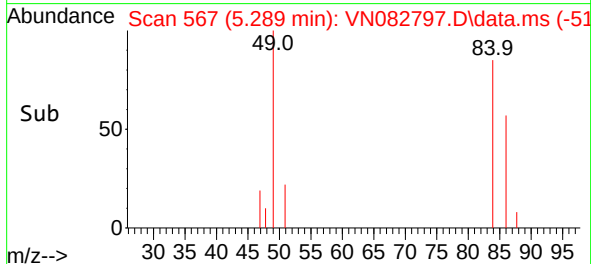
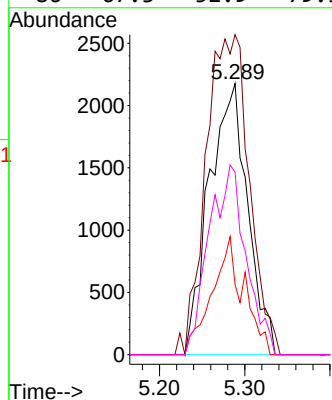
#20
Methylene Chloride
Concen: 4.178 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN082797.D
Acq: 03 Jul 2024 12:50

Instrument :
MSVOA_N
ClientSampleId :
PB161888TB



Tgt Ion: 84 Resp: 6826

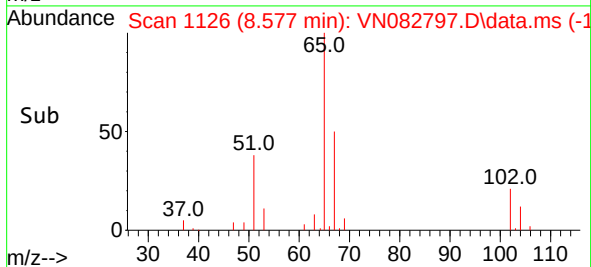
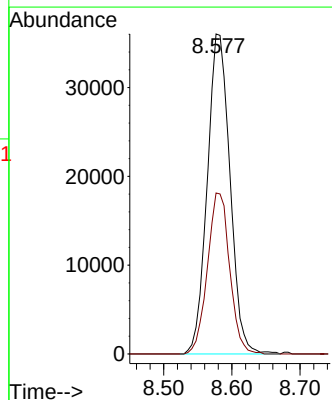
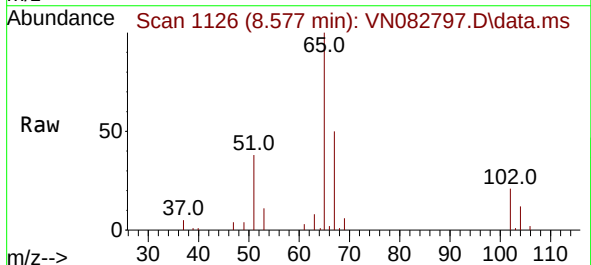
Ion	Ratio	Lower	Upper
84	100		
49	118.0	119.6	179.4#
51	25.8	34.8	52.2#
86	67.3	52.9	79.3

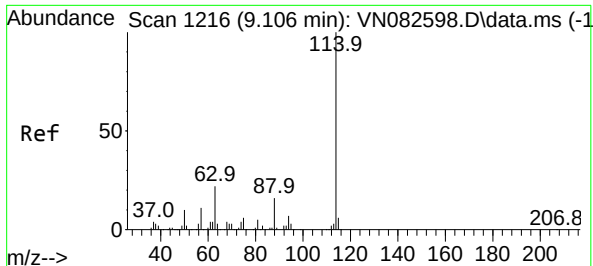


#33
1,2-Dichloroethane-d4
Concen: 49.109 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN082797.D
Acq: 03 Jul 2024 12:50

Tgt Ion: 65 Resp: 83689

Ion	Ratio	Lower	Upper
65	100		
67	49.2	0.0	104.4

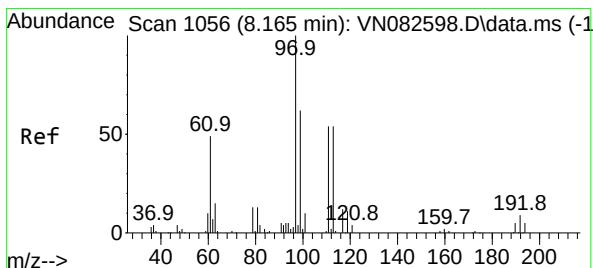
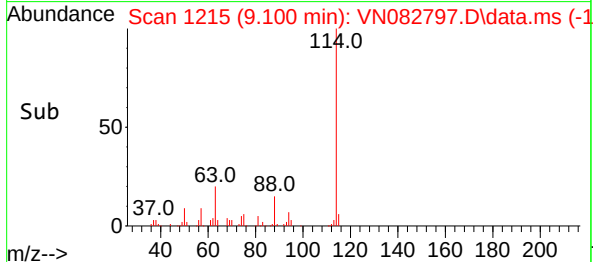
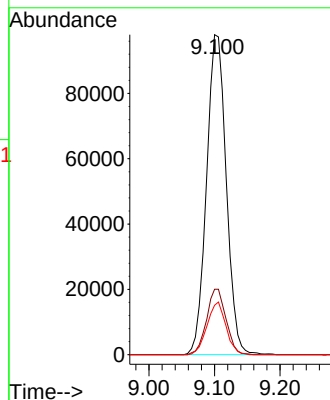
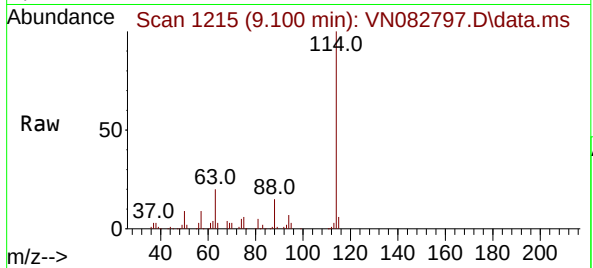




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN082797.D
Acq: 03 Jul 2024 12:50

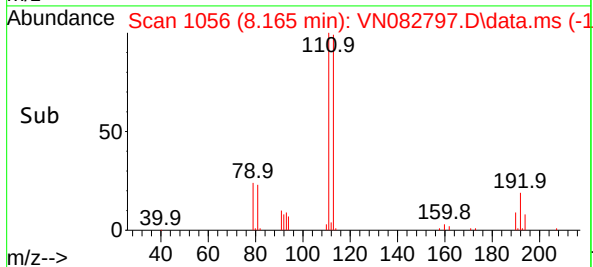
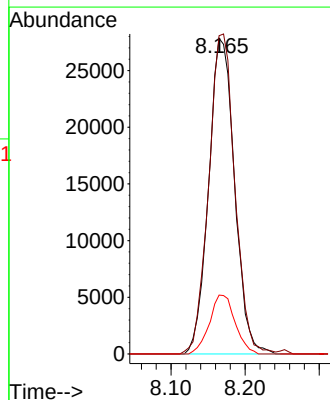
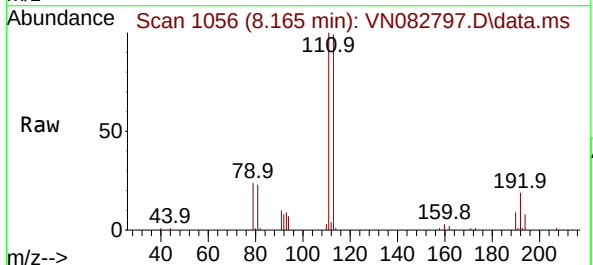
Instrument :
MSVOA_N
ClientSampleId :
PB161888TB

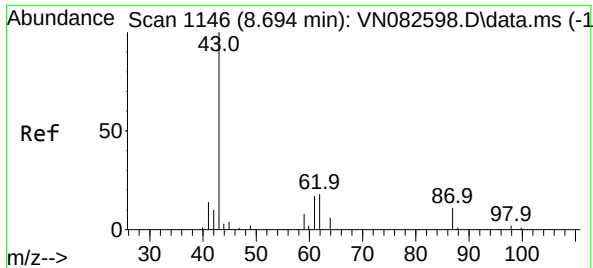
Tgt Ion:114 Resp: 204988
Ion Ratio Lower Upper
114 100
63 20.5 0.0 44.6
88 15.4 0.0 31.4



#35
Dibromofluoromethane
Concen: 50.058 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082797.D
Acq: 03 Jul 2024 12:50

Tgt Ion:113 Resp: 67560
Ion Ratio Lower Upper
113 100
111 102.1 82.4 123.6
192 18.5 14.9 22.3

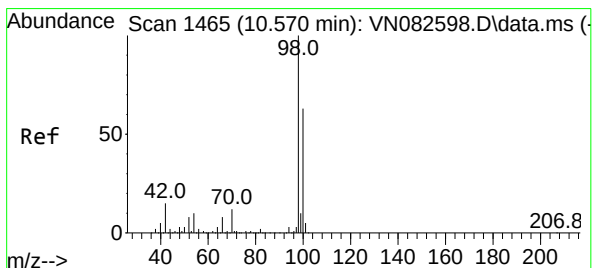
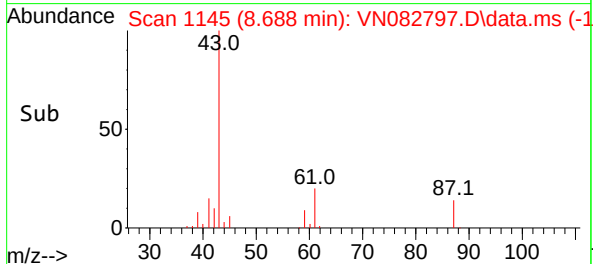
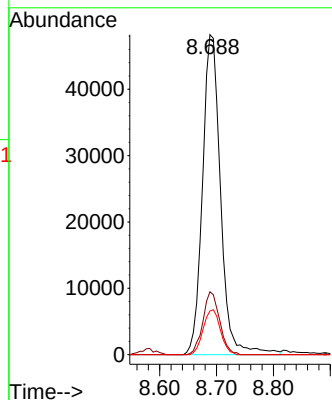
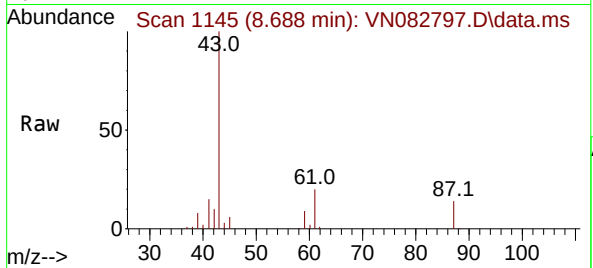




#43
Isopropyl Acetate
Concen: 29.291 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082797.D
Acq: 03 Jul 2024 12:50

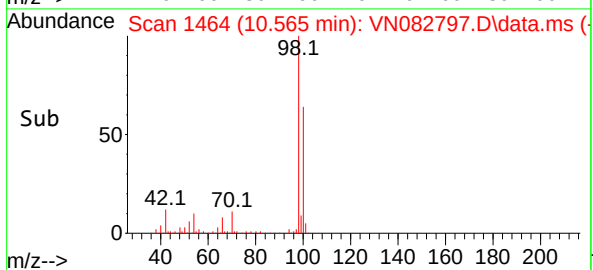
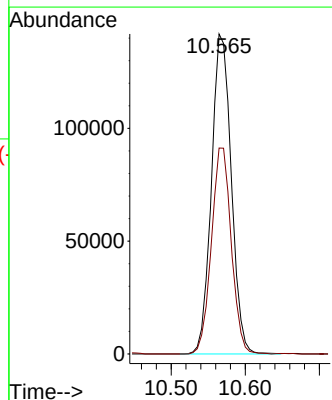
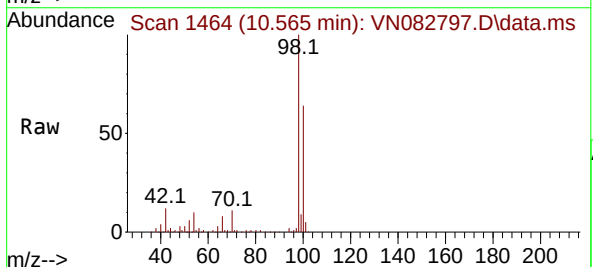
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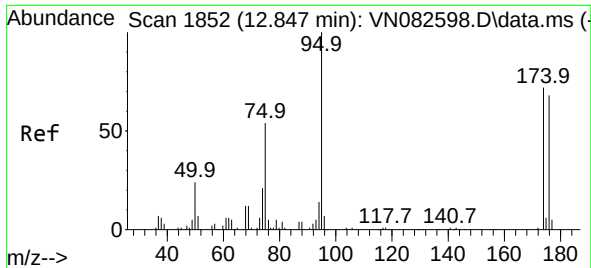
Tgt Ion: 43 Resp: 106498
Ion Ratio Lower Upper
43 100
61 18.2 17.8 26.6
87 13.3 8.2 12.2#



#50
Toluene-d8
Concen: 52.124 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.005 min
Lab File: VN082797.D
Acq: 03 Jul 2024 12:50

Tgt Ion: 98 Resp: 263087
Ion Ratio Lower Upper
98 100
100 64.6 51.5 77.3

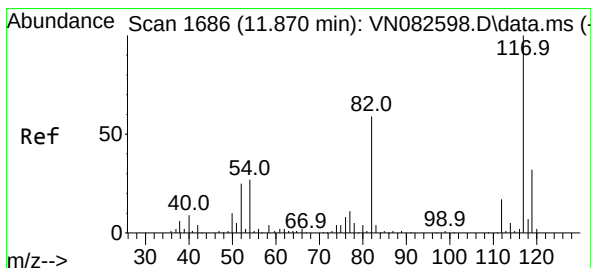
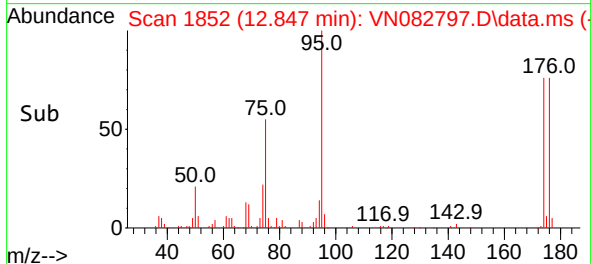
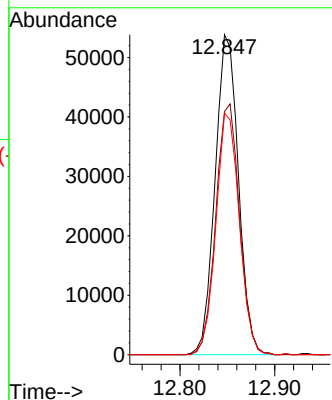
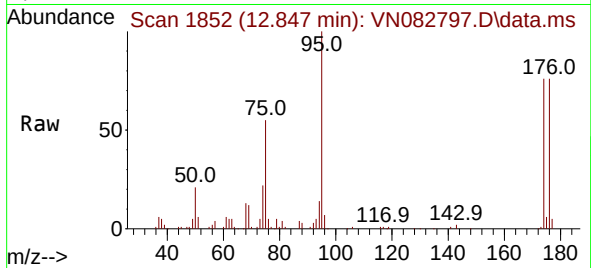




#62
4-Bromofluorobenzene
Concen: 53.117 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082797.D
Acq: 03 Jul 2024 12:50

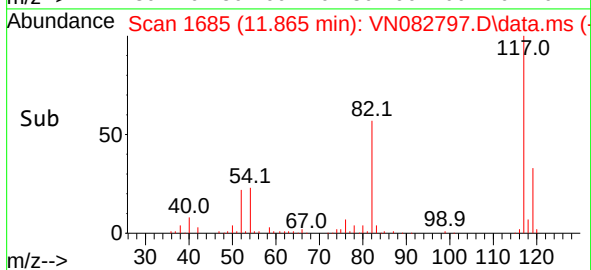
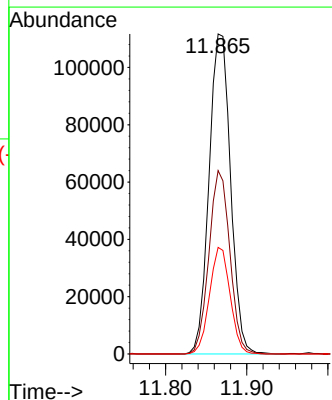
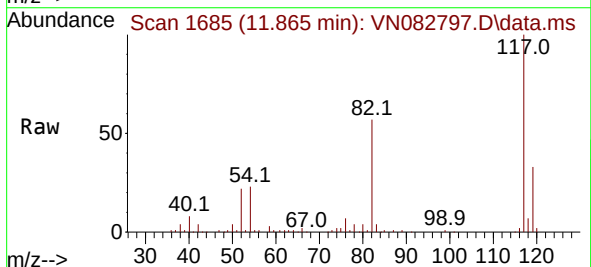
Instrument :
MSVOA_N
ClientSampleId :
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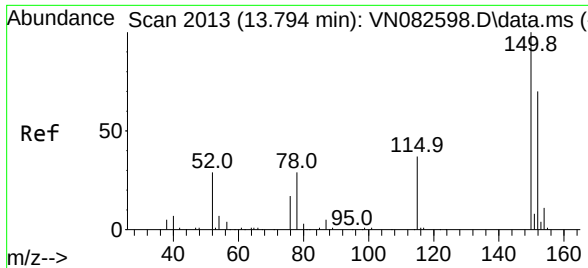
Tgt Ion: 95 Resp: 92070
Ion Ratio Lower Upper
95 100
174 79.9 0.0 159.2
176 75.9 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN082797.D
Acq: 03 Jul 2024 12:50

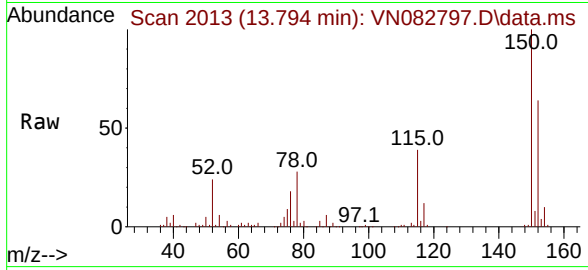
Tgt Ion: 117 Resp: 205267
Ion Ratio Lower Upper
117 100
82 57.3 47.5 71.3
119 33.3 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN082797.D
 Acq: 03 Jul 2024 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161888TB



Tgt Ion:	152	Resp:	87917
Ion	Ratio	Lower	Upper
152	100		
115	60.6	30.6	91.6
150	154.9	0.0	348.6

