

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062124\
 Data File : VN082685.D
 Acq On : 21 Jun 2024 18:11
 Operator : JC\MD
 Sample : PB161606ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161606ZHE#02

Quant Time: Jun 24 02:16:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

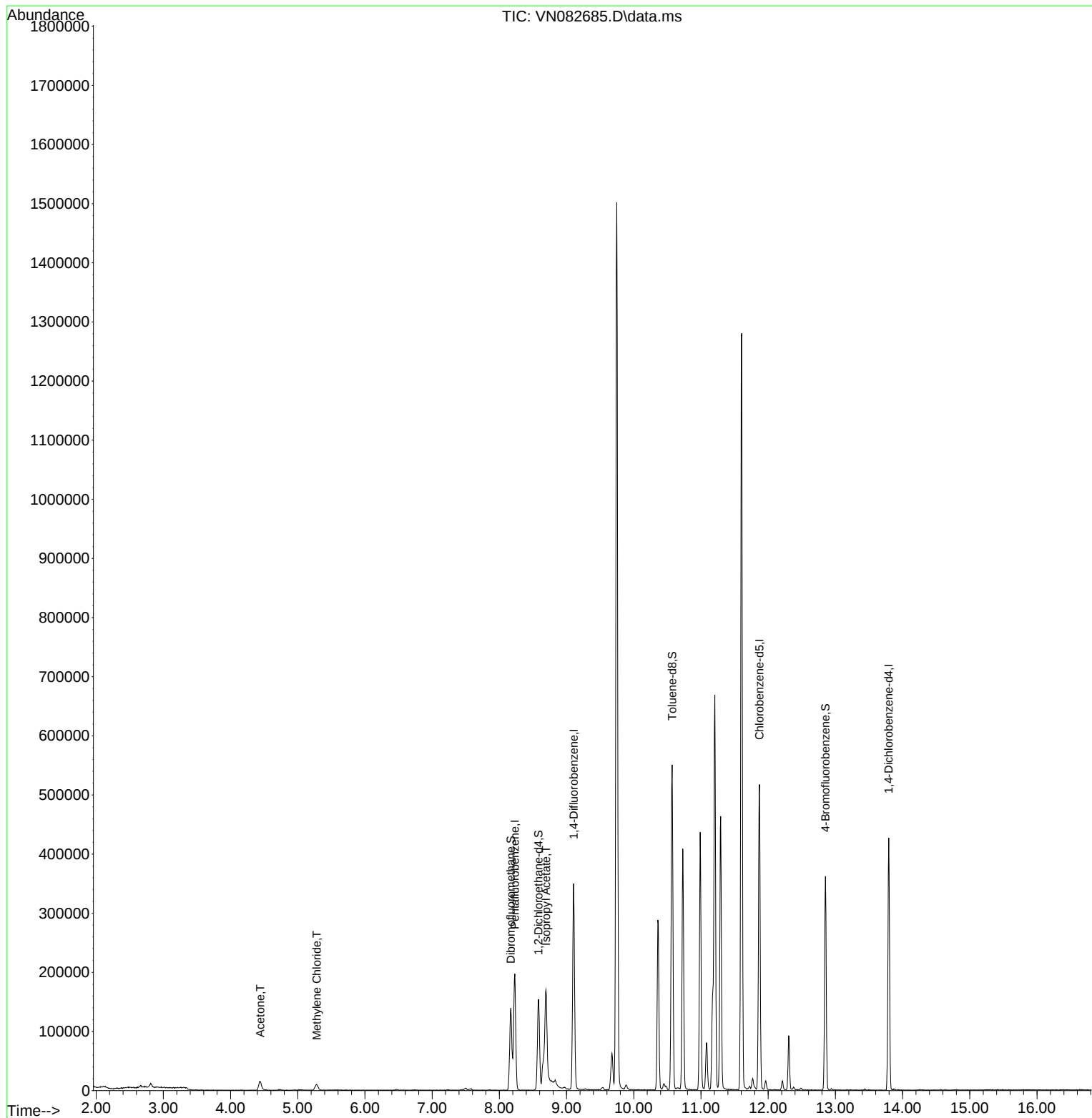
Internal Standards						
1) Pentafluorobenzene	8.229	168	132565	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	263082	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	275181	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	105973	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	126696	59.598	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	119.200%
35) Dibromofluoromethane	8.171	113	95128	53.301	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.600%
50) Toluene-d8	10.571	98	359155	53.215	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.420%
62) 4-Bromofluorobenzene	12.853	95	112436	48.321	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	96.640%
Target Compounds						
						Qvalue
16) Acetone	4.442	43	31309	32.384	ug/l	99
20) Methylene Chloride	5.283	84	7068	4.158	ug/l #	83
43) Isopropyl Acetate	8.694	43	254941	40.140	ug/l #	81

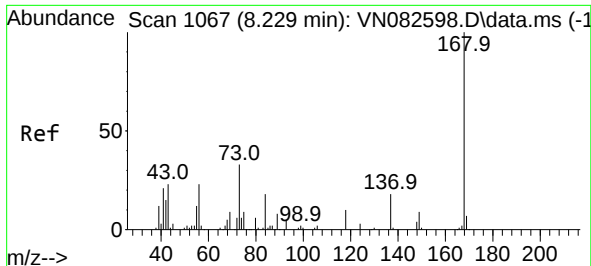
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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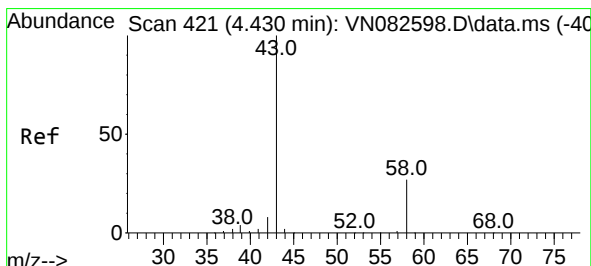
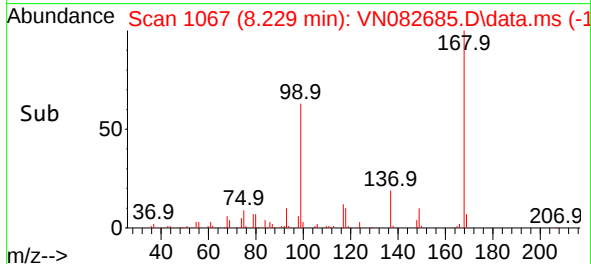
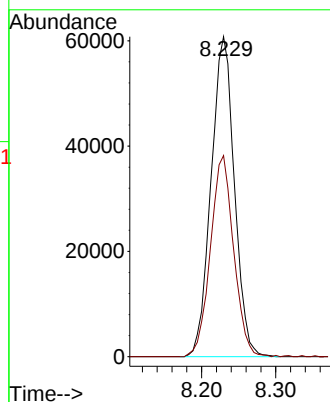
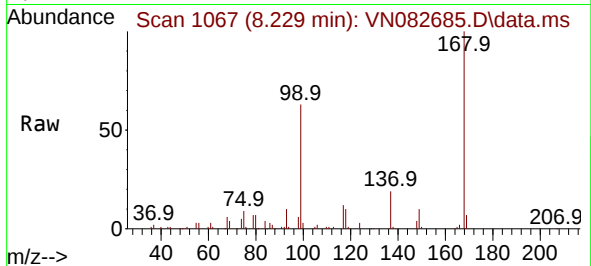




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082685.D
Acq: 21 Jun 2024 18:11

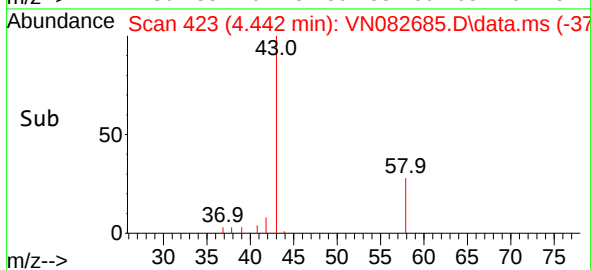
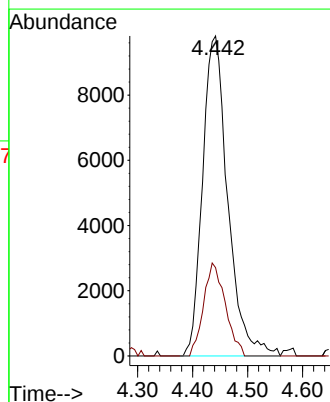
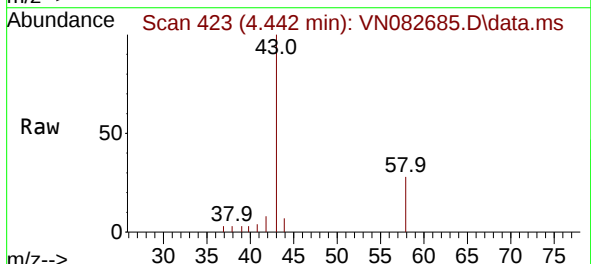
Instrument :
MSVOA_N
ClientSampleId :
PB161606ZHE#02

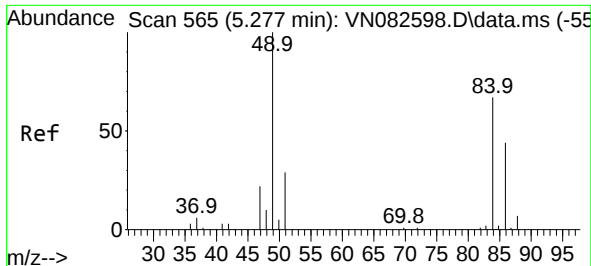
Tgt Ion:168 Resp: 132565
Ion Ratio Lower Upper
168 100
99 62.8 48.2 72.4



#16
Acetone
Concen: 32.384 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN082685.D
Acq: 21 Jun 2024 18:11

Tgt Ion: 43 Resp: 31309
Ion Ratio Lower Upper
43 100
58 27.6 21.8 32.6

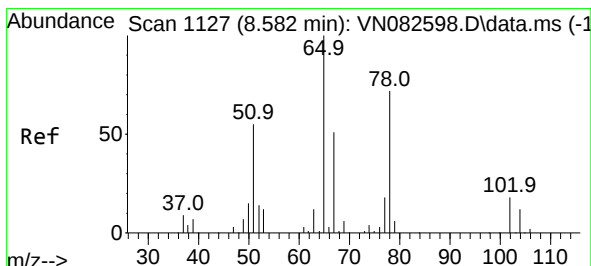
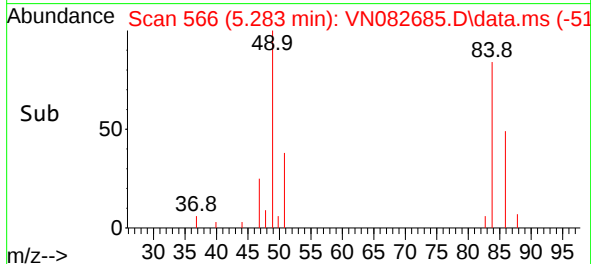
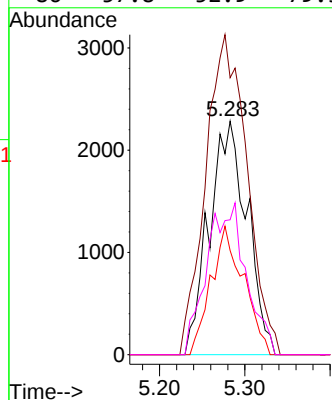
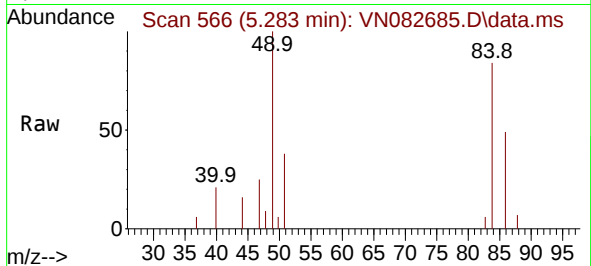




#20
Methylene Chloride
Concen: 4.158 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082685.D
Acq: 21 Jun 2024 18:11

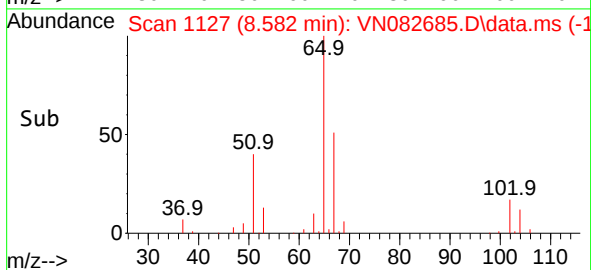
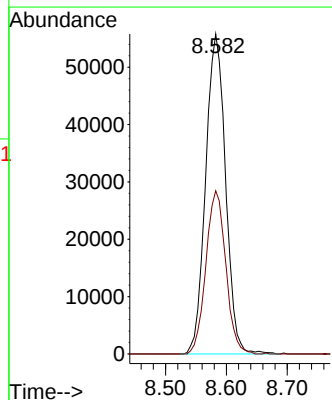
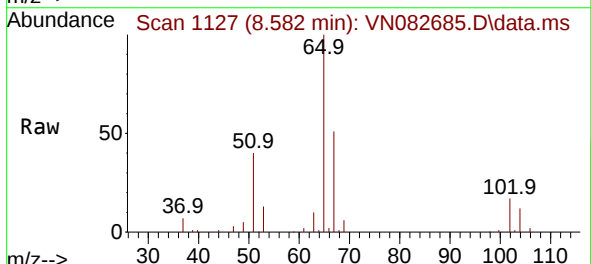
Instrument :
MSVOA_N
ClientSampleId :
PB161606ZHE#02

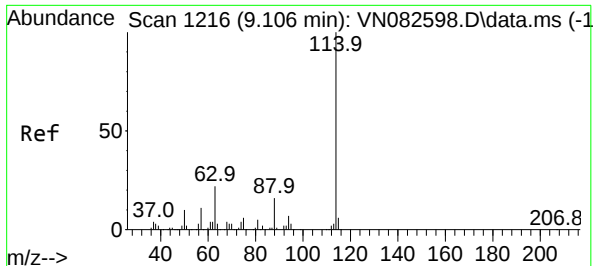
Tgt Ion:	84	Resp:	7068
Ion	Ratio	Lower	Upper
84	100		
49	118.6	119.6	179.4#
51	44.6	34.8	52.2
86	57.8	52.9	79.3



#33
1,2-Dichloroethane-d4
Concen: 59.598 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082685.D
Acq: 21 Jun 2024 18:11

Tgt Ion:	65	Resp:	126696
Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1114

Delta R.T. 0.000 min

Lab File: VN082685.D

Acq: 21 Jun 2024 18:11

Instrument :

MSVOA_N

ClientSampleId :

PB161606ZHE#02

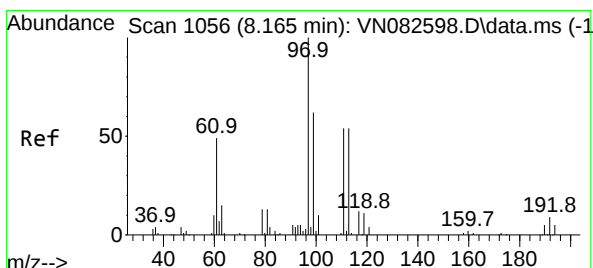
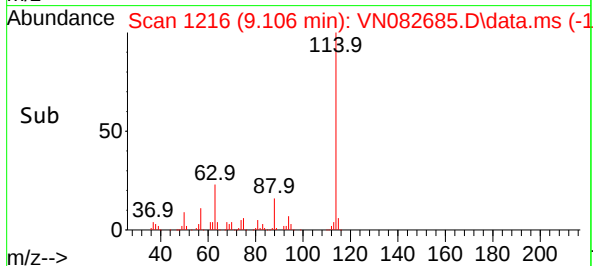
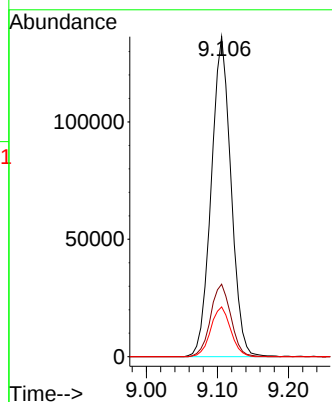
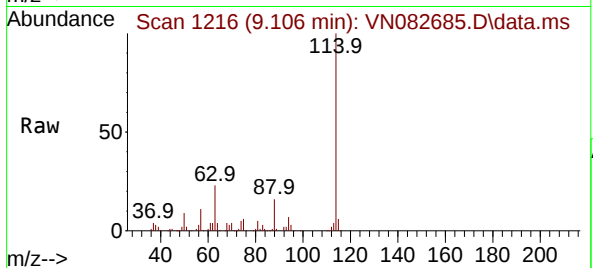
Tgt Ion:114 Resp: 263082

Ion Ratio Lower Upper

114 100

63 22.6 0.0 44.6

88 15.6 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.301 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082685.D

Acq: 21 Jun 2024 18:11

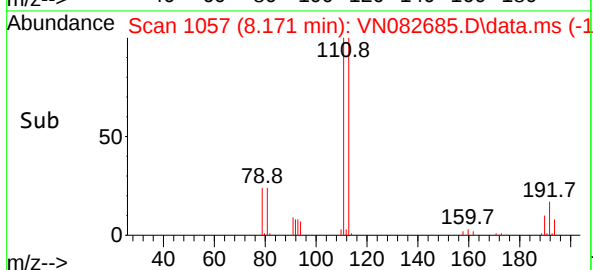
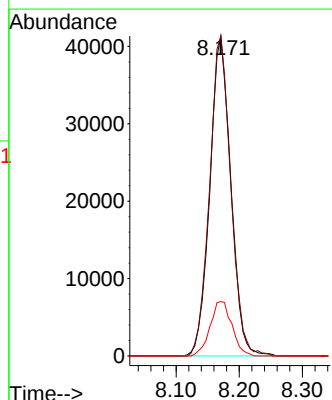
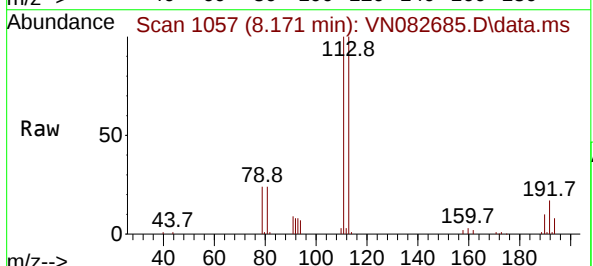
Tgt Ion:113 Resp: 95128

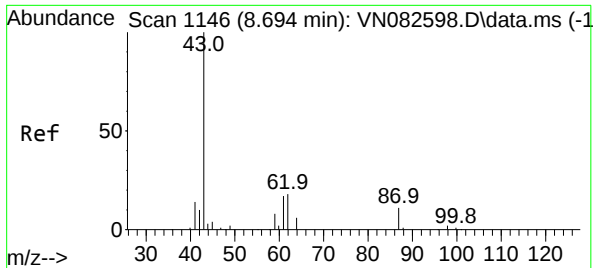
Ion Ratio Lower Upper

113 100

111 101.3 82.4 123.6

192 17.7 14.9 22.3

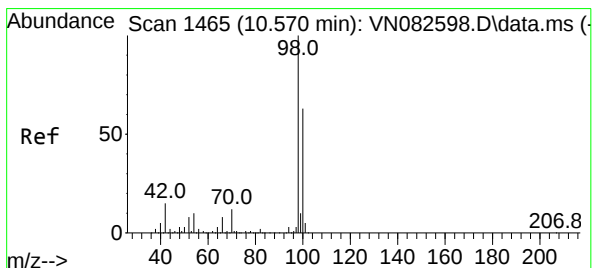
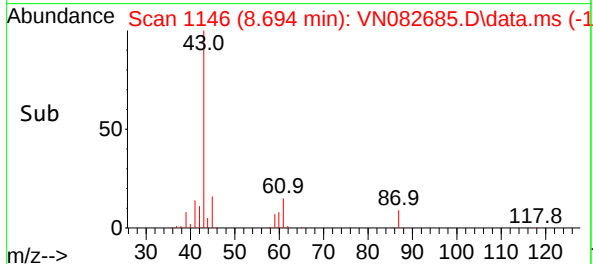
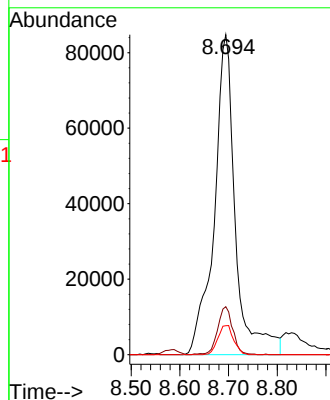
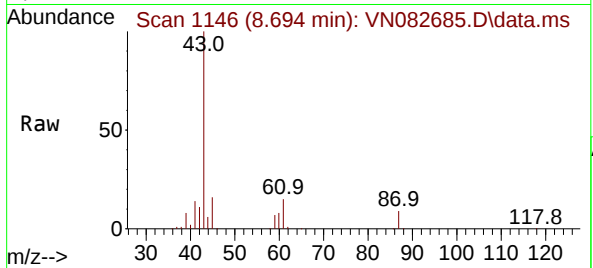




#43
Isopropyl Acetate
Concen: 40.140 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082685.D
Acq: 21 Jun 2024 18:11

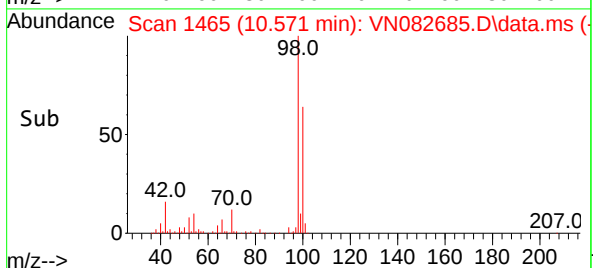
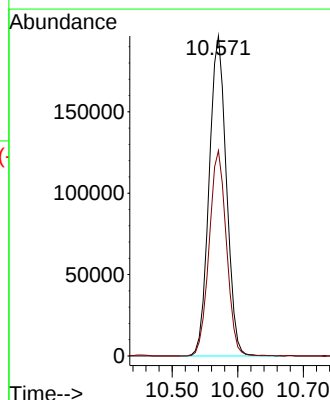
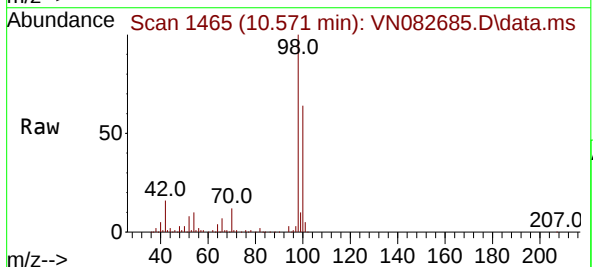
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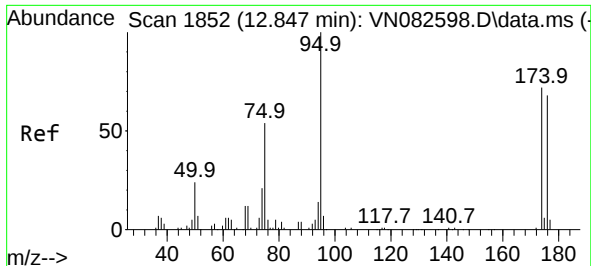
Tgt Ion: 43 Resp: 254941
Ion Ratio Lower Upper
43 100
61 10.7 17.8 26.6#
87 6.8 8.2 12.2#



#50
Toluene-d8
Concen: 53.215 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082685.D
Acq: 21 Jun 2024 18:11

Tgt Ion: 98 Resp: 359155
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3

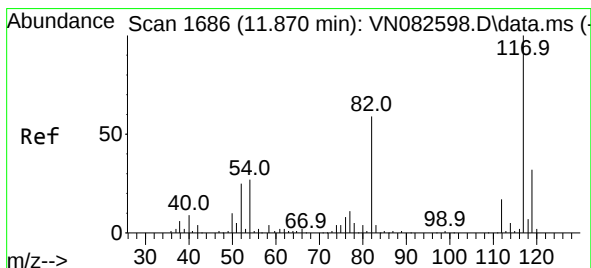
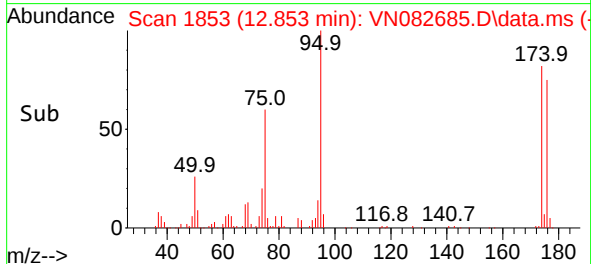
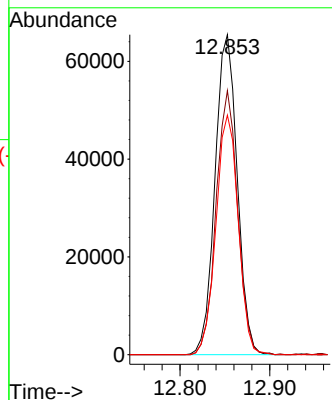
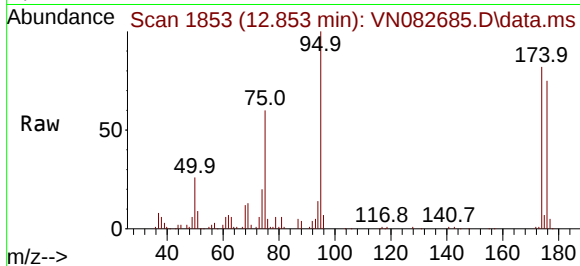




#62
4-Bromofluorobenzene
Concen: 48.321 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082685.D
Acq: 21 Jun 2024 18:11

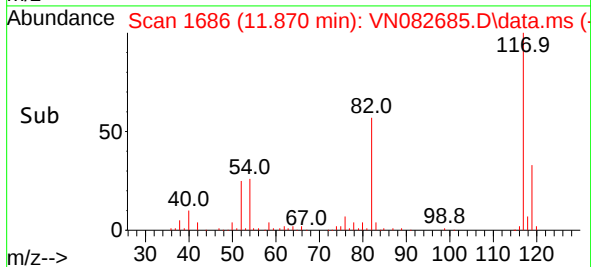
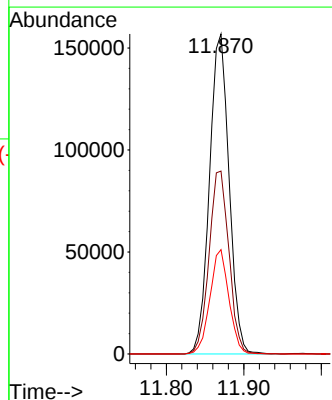
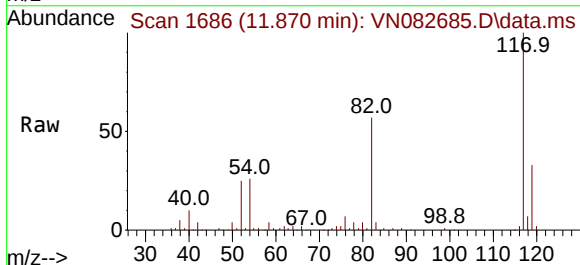
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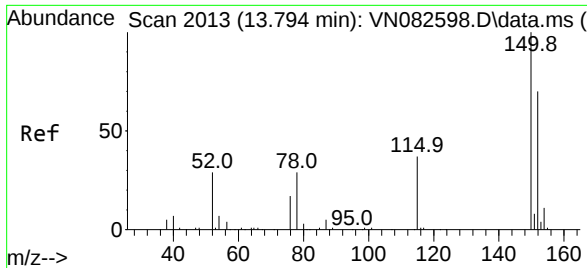
Tgt Ion: 95 Resp: 112436
Ion Ratio Lower Upper
95 100
174 80.4 0.0 159.2
176 74.9 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN082685.D
Acq: 21 Jun 2024 18:11

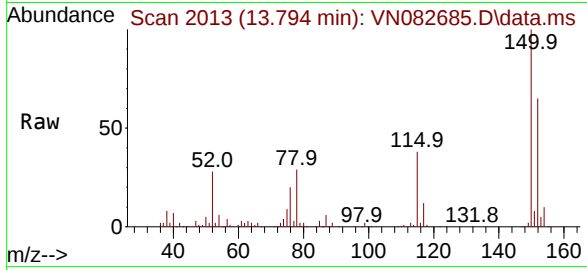
Tgt Ion: 117 Resp: 275181
Ion Ratio Lower Upper
117 100
82 57.2 47.5 71.3
119 32.6 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN082685.D
 Acq: 21 Jun 2024 18:11

Instrument :
 MSVOA_N
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Tgt Ion:152 Resp: 105973
 Ion Ratio Lower Upper
 152 100
 115 60.2 30.6 91.6
 150 158.1 0.0 348.6

