

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070324\
 Data File : VN082801.D
 Acq On : 03 Jul 2024 14:26
 Operator : JC\MD
 Sample : PB161888ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161888ZHE#04

Quant Time: Jul 03 23:59:00 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)

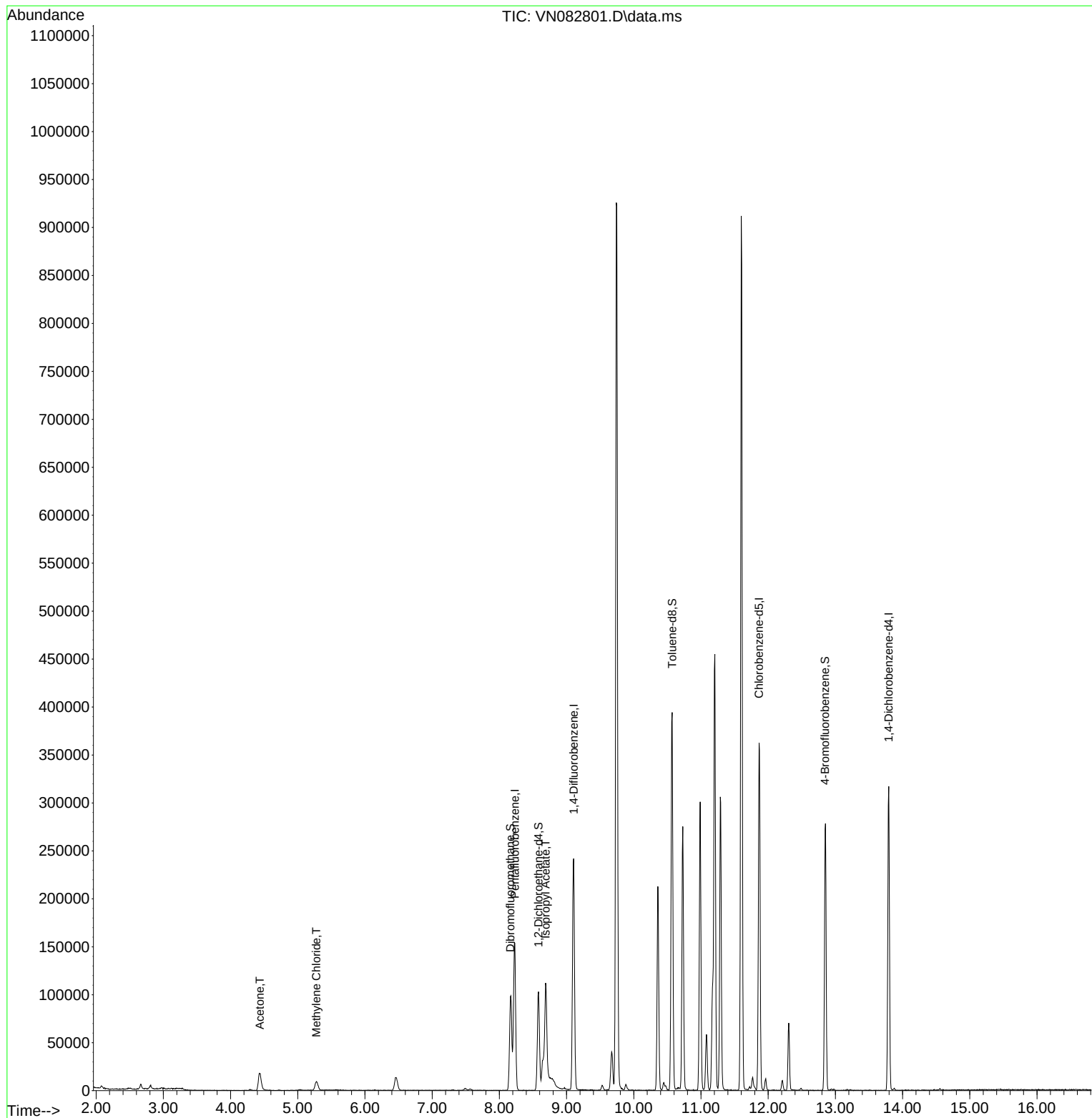
Internal Standards						
1) Pentafluorobenzene	8.230	168	111419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	209932	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	205862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	84641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	84657	49.269	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.540%
35) Dibromofluoromethane	8.165	113	70288	50.853	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.700%
50) Toluene-d8	10.571	98	266057	51.471	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.940%
62) 4-Bromofluorobenzene	12.847	95	94175	53.052	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	106.100%
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	36627	56.263	ug/l	96
20) Methylene Chloride	5.277	84	7455	4.526	ug/l #	82
43) Isopropyl Acetate	8.688	43	158322	42.359	ug/l #	86

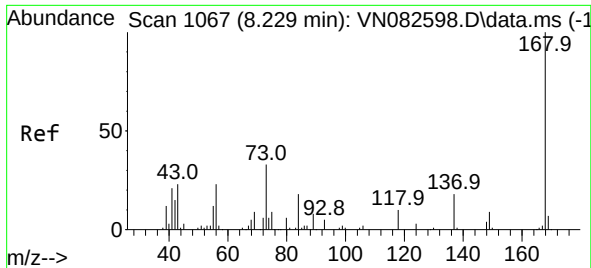
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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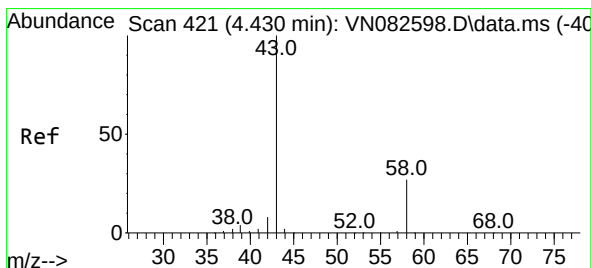
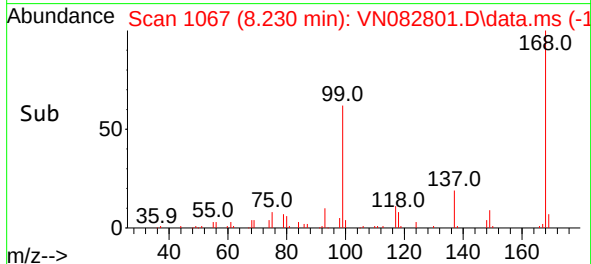
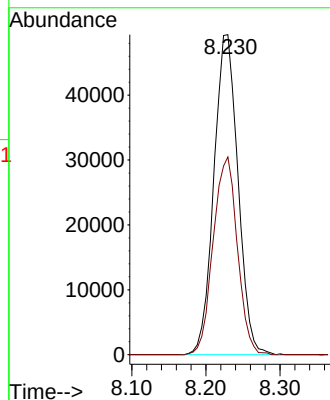
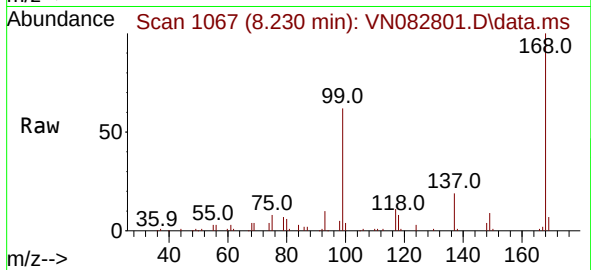




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN082801.D
Acq: 03 Jul 2024 14:26

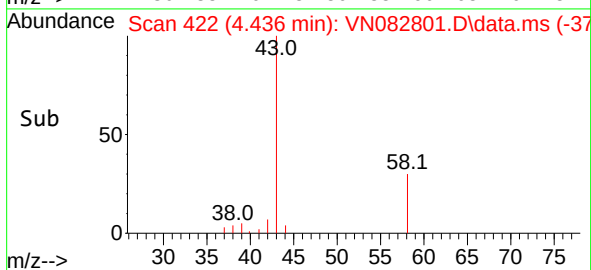
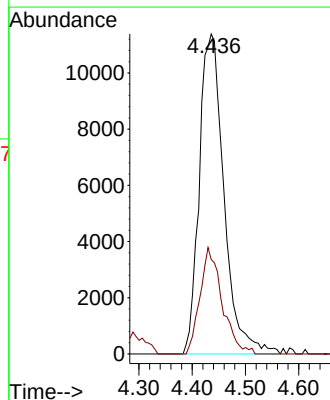
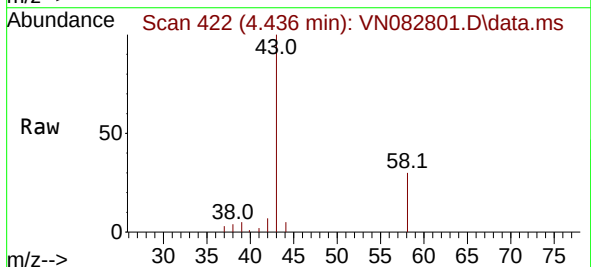
Instrument :
MSVOA_N
ClientSampleId :
PB161888ZHE#04

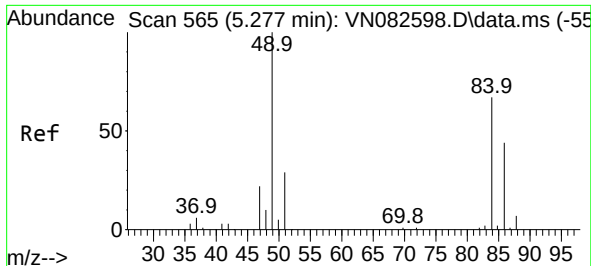
Tgt Ion:168 Resp: 111419
Ion Ratio Lower Upper
168 100
99 61.8 48.2 72.4



#16
Acetone
Concen: 56.263 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN082801.D
Acq: 03 Jul 2024 14:26

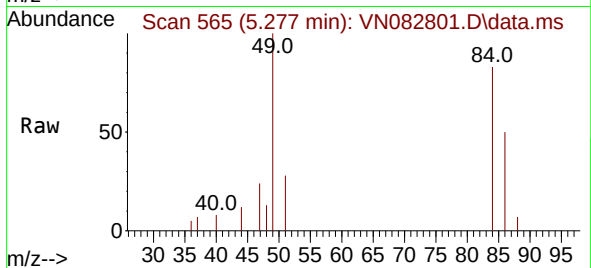
Tgt Ion: 43 Resp: 36627
Ion Ratio Lower Upper
43 100
58 29.5 21.8 32.6



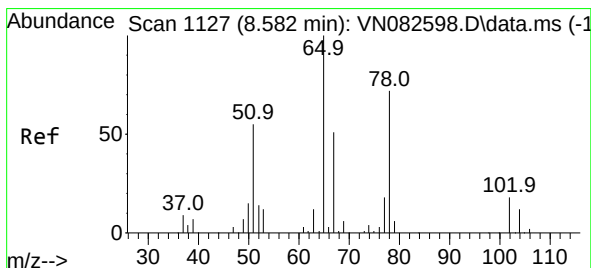
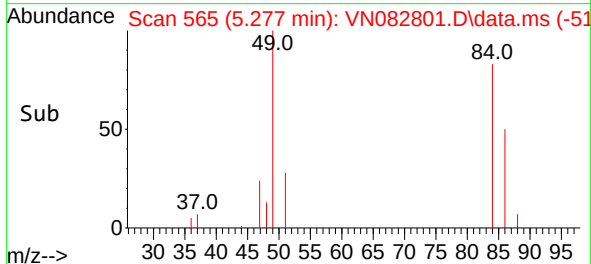
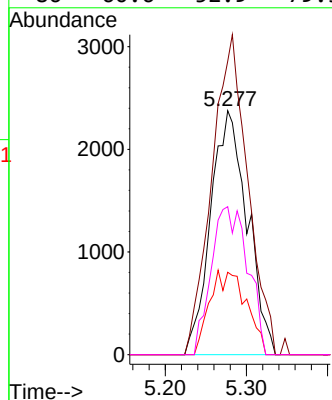


#20
Methylene Chloride
Concen: 4.526 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN082801.D
Acq: 03 Jul 2024 14:26

Instrument :
MSVOA_N
ClientSampleId :
PB161888ZHE#04

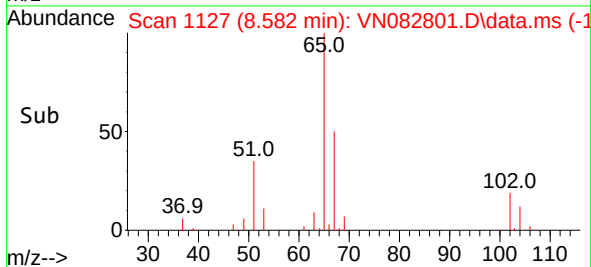
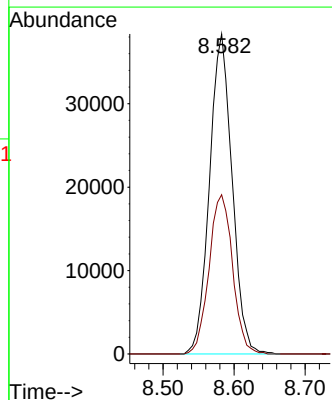
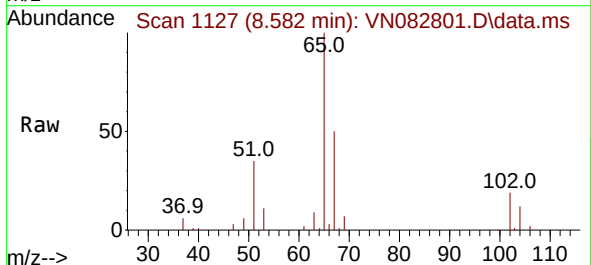


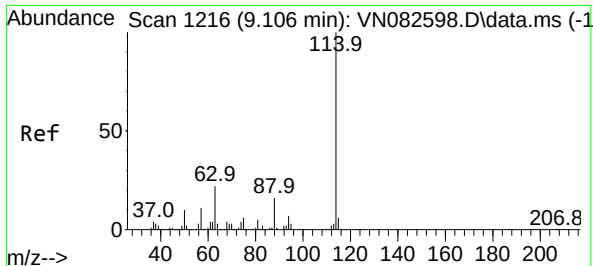
Tgt Ion:	84	Resp:	7455
Ion	Ratio	Lower	Upper
84	100		
49	120.3	119.6	179.4
51	33.8	34.8	52.2#
86	60.6	52.9	79.3



#33
1,2-Dichloroethane-d4
Concen: 49.269 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082801.D
Acq: 03 Jul 2024 14:26

Tgt Ion:	65	Resp:	84657
Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082801.D

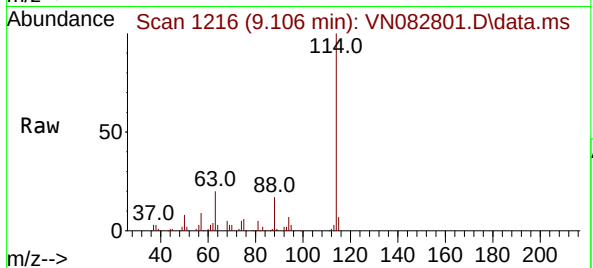
Acq: 03 Jul 2024 14:26

Instrument :

MSVOA_N

ClientSampleId :

PB161888ZHE#04



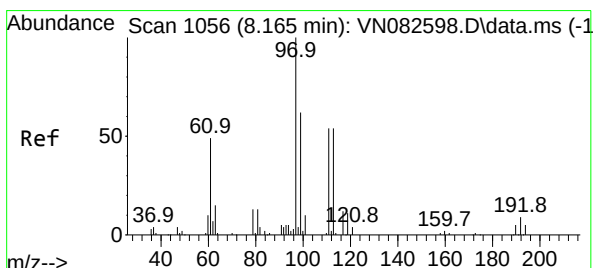
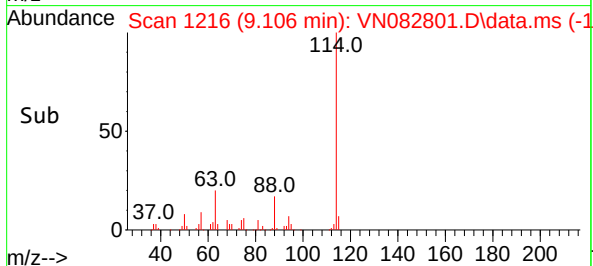
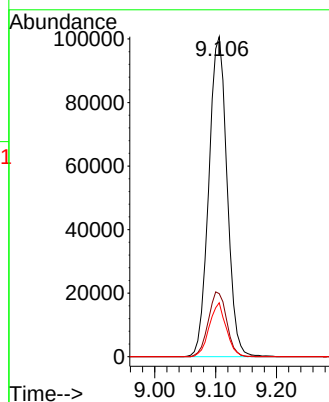
Tgt Ion:114 Resp: 209932

Ion Ratio Lower Upper

114 100

63 19.7 0.0 44.6

88 16.9 0.0 31.4



#35

Dibromofluoromethane

Concen: 50.853 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082801.D

Acq: 03 Jul 2024 14:26

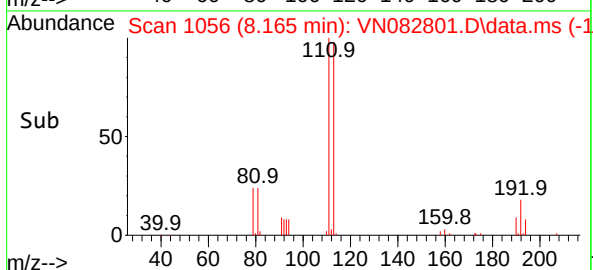
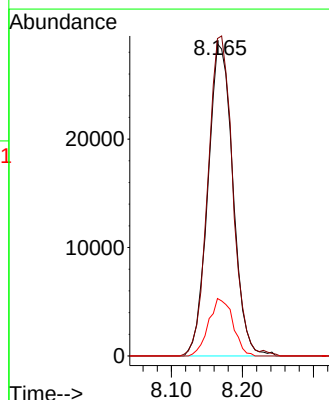
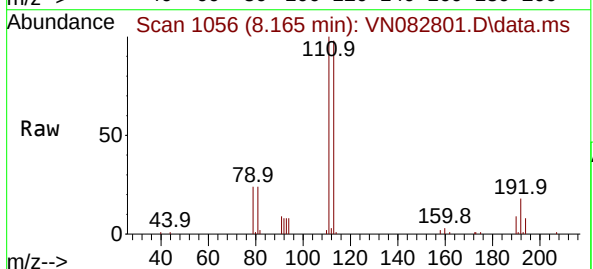
Tgt Ion:113 Resp: 70288

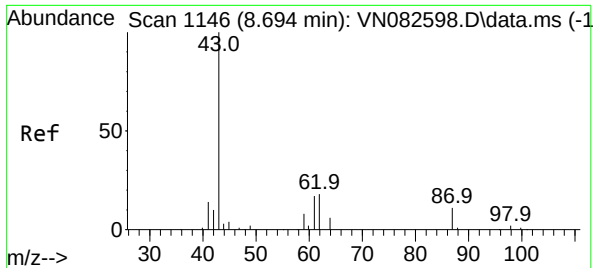
Ion Ratio Lower Upper

113 100

111 101.9 82.4 123.6

192 17.9 14.9 22.3

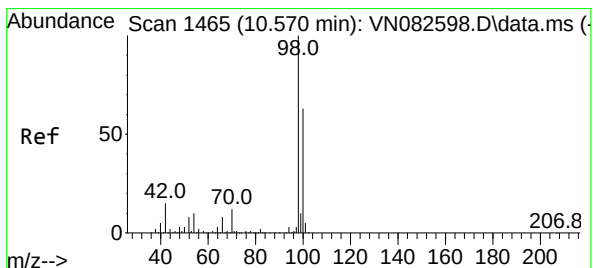
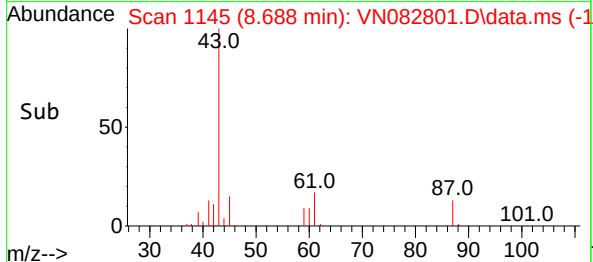
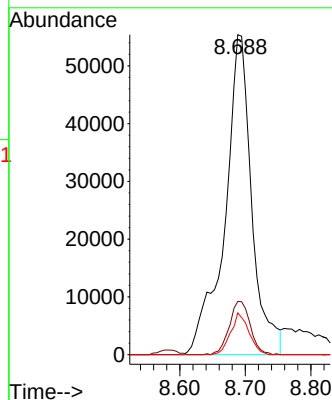
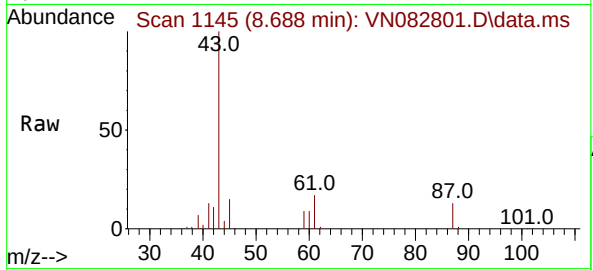




#43
Isopropyl Acetate
Concen: 42.359 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082801.D
Acq: 03 Jul 2024 14:26

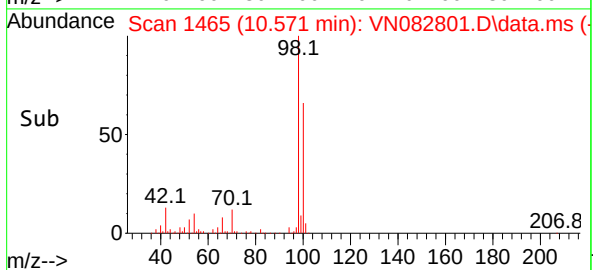
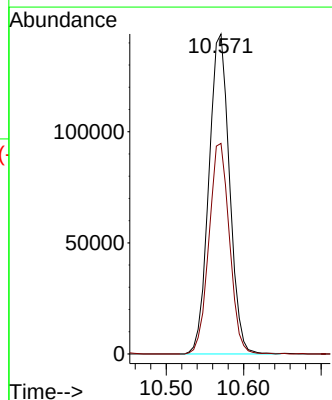
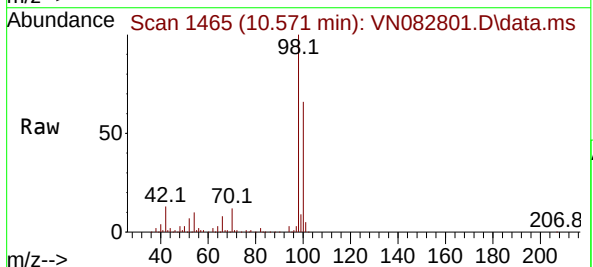
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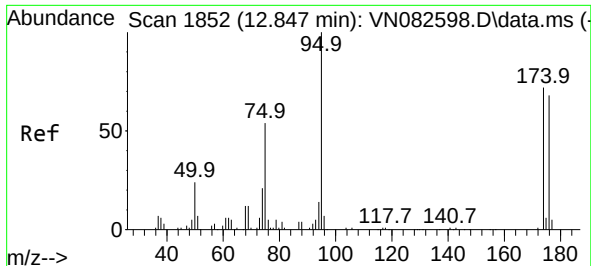
Tgt Ion: 43 Resp: 158322
Ion Ratio Lower Upper
43 100
61 13.0 17.8 26.6#
87 8.8 8.2 12.2



#50
Toluene-d8
Concen: 51.471 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082801.D
Acq: 03 Jul 2024 14:26

Tgt Ion: 98 Resp: 266057
Ion Ratio Lower Upper
98 100
100 65.4 51.5 77.3

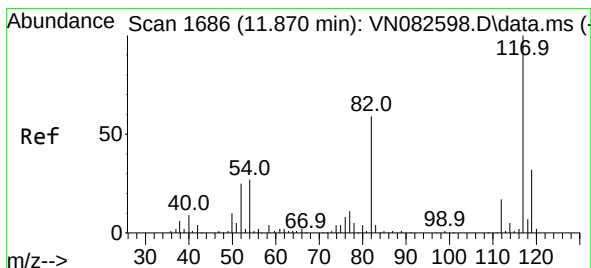
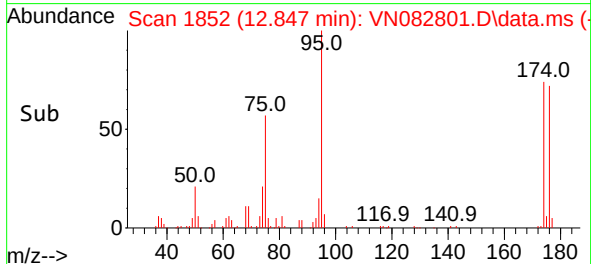
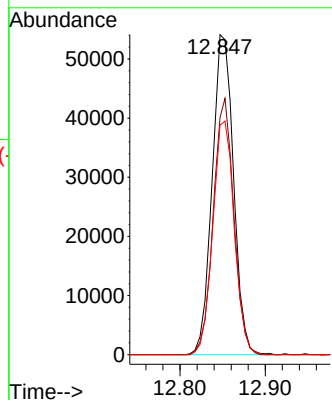
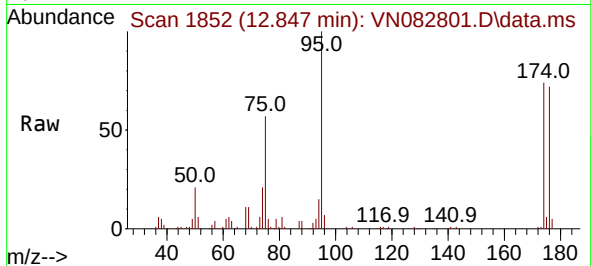




#62
4-Bromofluorobenzene
Concen: 53.052 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082801.D
Acq: 03 Jul 2024 14:26

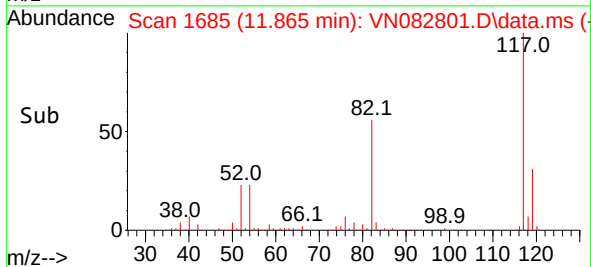
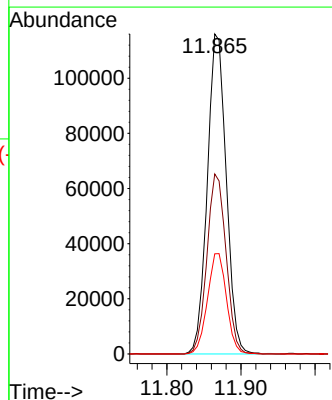
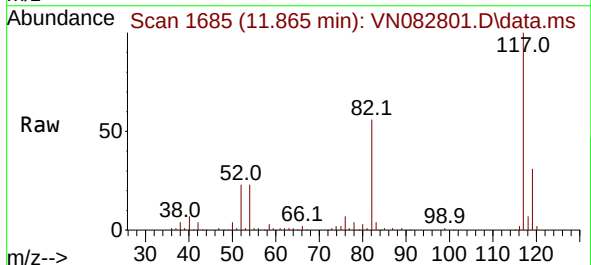
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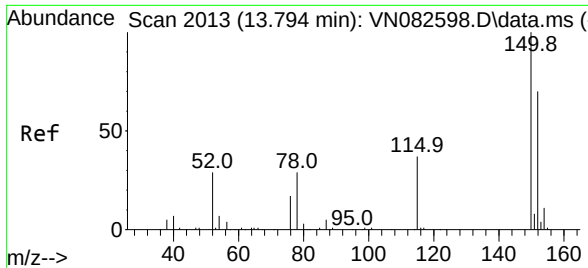
Tgt Ion: 95 Resp: 94175
Ion Ratio Lower Upper
95 100
174 77.0 0.0 159.2
176 73.4 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN082801.D
Acq: 03 Jul 2024 14:26

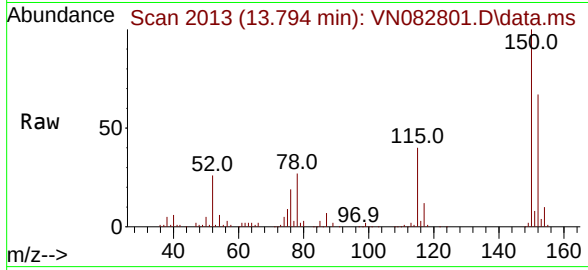
Tgt Ion: 117 Resp: 205862
Ion Ratio Lower Upper
117 100
82 56.2 47.5 71.3
119 31.3 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN082801.D
 Acq: 03 Jul 2024 14:26

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161888ZHE#04



Tgt Ion:152 Resp: 84641
 Ion Ratio Lower Upper
 152 100
 115 61.3 30.6 91.6
 150 156.9 0.0 348.6

