

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061924\
 Data File : VN082641.D
 Acq On : 19 Jun 2024 15:11
 Operator : JC\MD
 Sample : PB161542ZHE#07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161542ZHE#07

Quant Time: Jun 20 03:02:07 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)

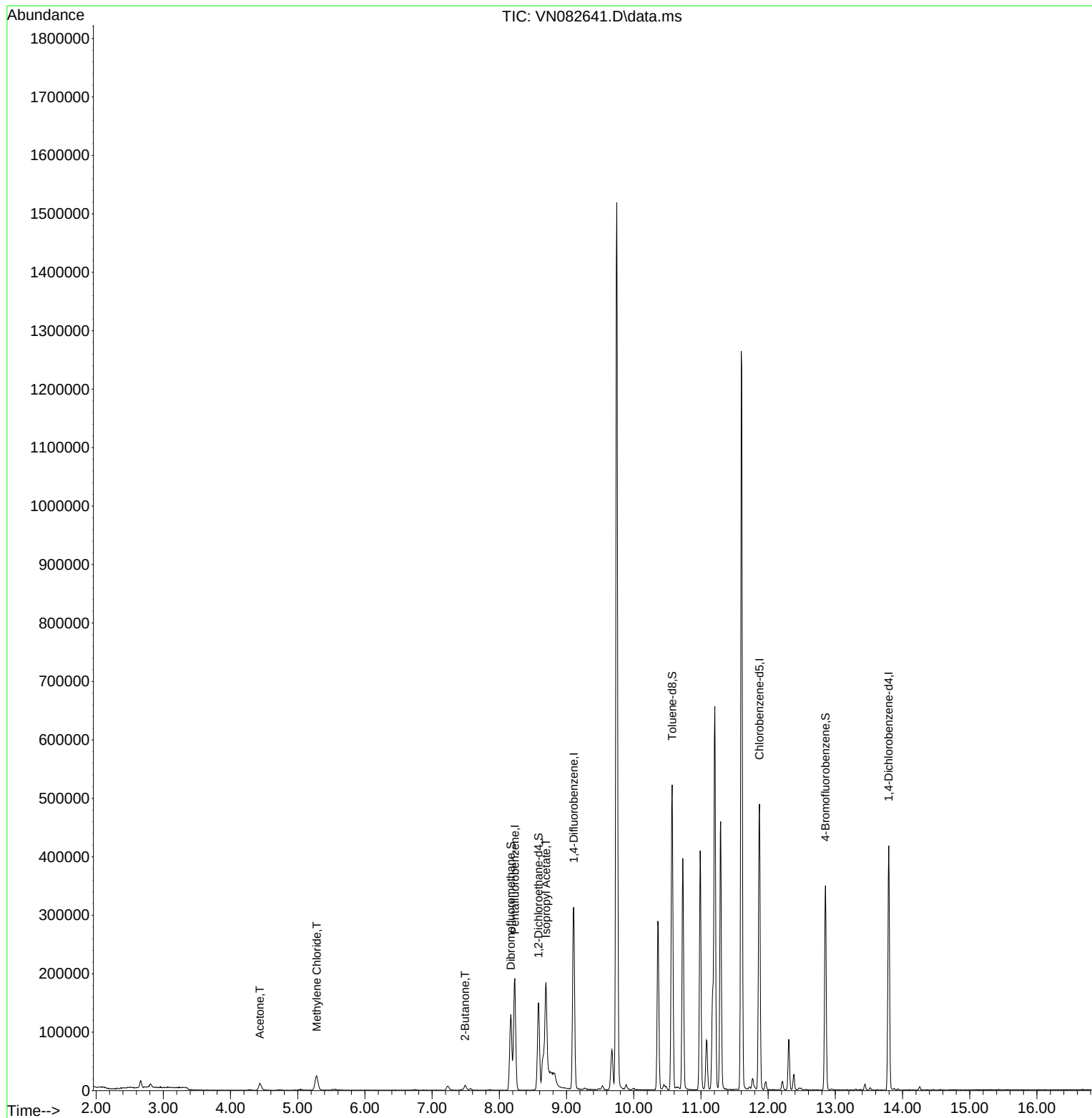
Internal Standards						
1) Pentafluorobenzene	8.230	168	131007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	250894	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	260959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	106622	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	120358	57.289	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.580%
35) Dibromofluoromethane	8.171	113	89203	52.409	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.820%
50) Toluene-d8	10.571	98	335793	52.170	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.340%
62) 4-Bromofluorobenzene	12.853	95	110315	49.712	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	99.420%
Target Compounds						
						Qvalue
16) Acetone	4.436	43	23142	24.221	ug/l	93
20) Methylene Chloride	5.283	84	17747	10.565	ug/l	92
25) 2-Butanone	7.489	43	14016	10.321	ug/l	93
43) Isopropyl Acetate	8.694	43	268631	44.350	ug/l #	81

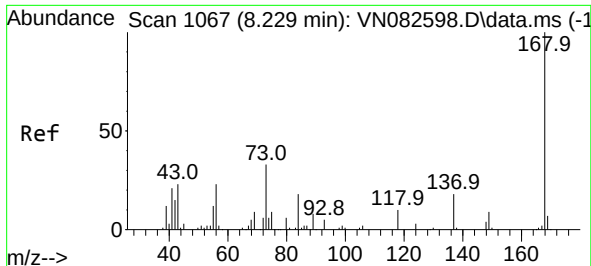
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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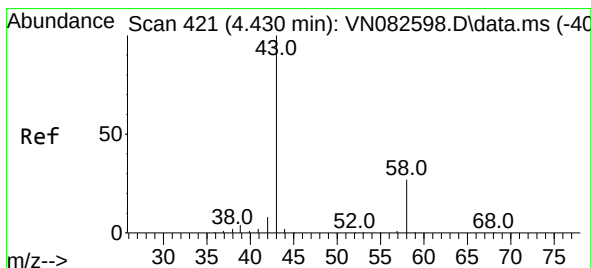
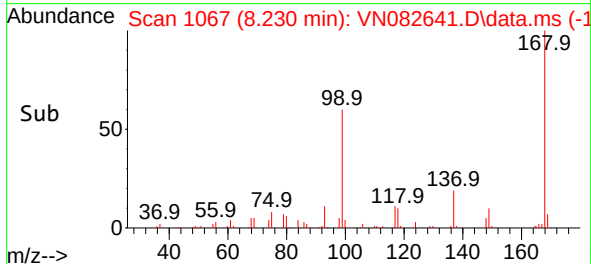
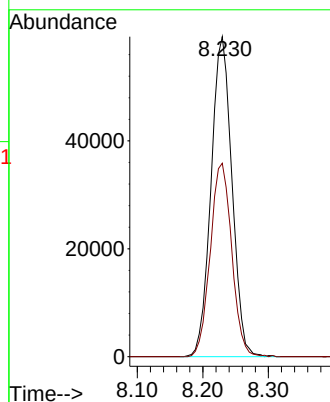
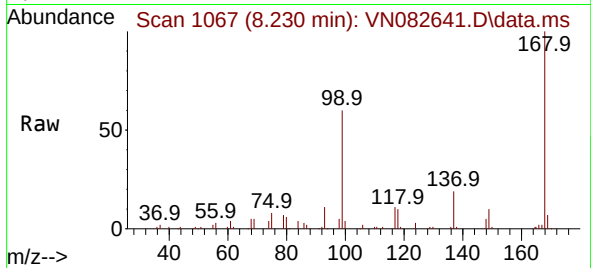




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082641.D
Acq: 19 Jun 2024 15:11

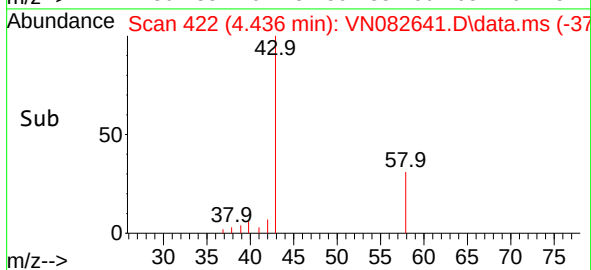
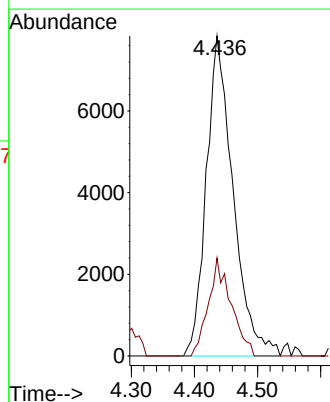
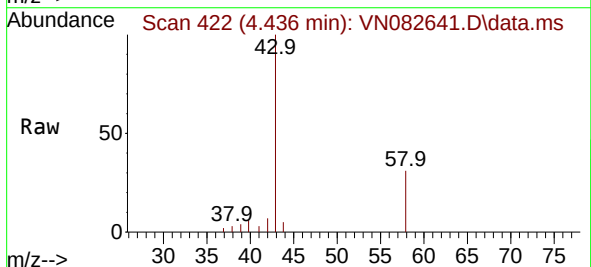
Instrument :
MSVOA_N
ClientSampleId :
PB161542ZHE#07

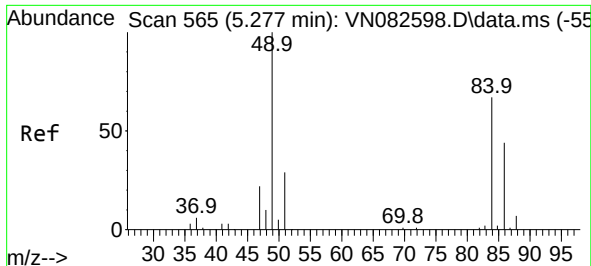
Tgt Ion:168 Resp: 131007
Ion Ratio Lower Upper
168 100
99 60.4 48.2 72.4



#16
Acetone
Concen: 24.221 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN082641.D
Acq: 19 Jun 2024 15:11

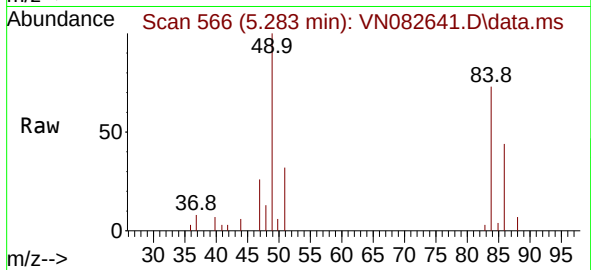
Tgt Ion: 43 Resp: 23142
Ion Ratio Lower Upper
43 100
58 30.6 21.8 32.6



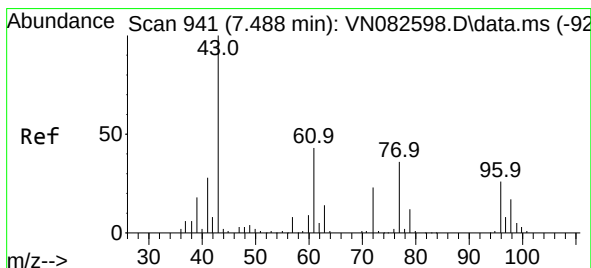
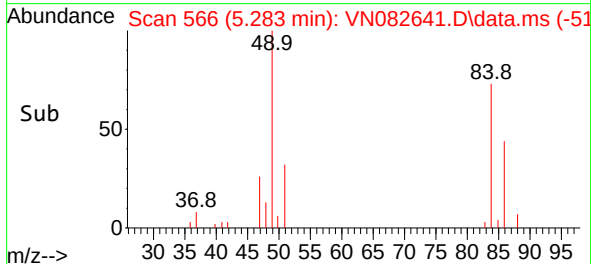
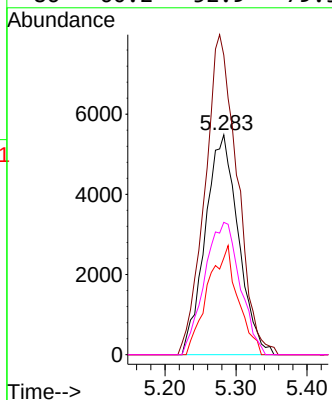


#20
Methylene Chloride
Concen: 10.565 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082641.D
Acq: 19 Jun 2024 15:11

Instrument :
MSVOA_N
ClientSampleId :
PB161542ZHE#07

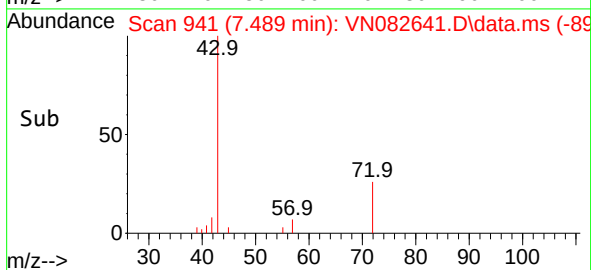
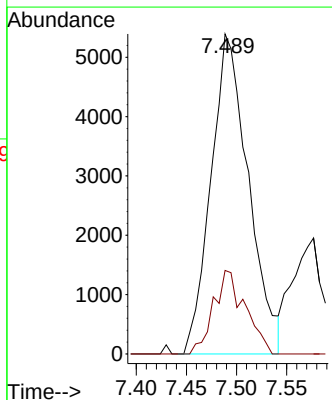
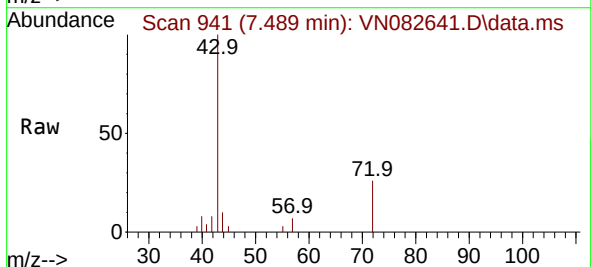


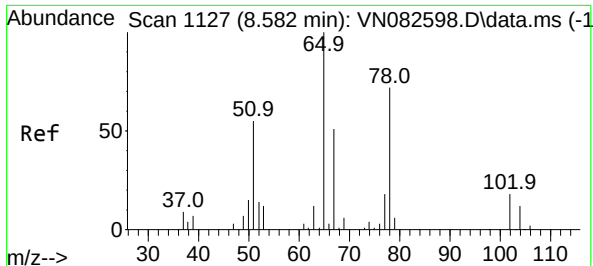
Tgt Ion:	84	Resp:	17747
Ion	Ratio	Lower	Upper
84	100		
49	136.3	119.6	179.4
51	44.0	34.8	52.2
86	60.2	52.9	79.3



#25
2-Butanone
Concen: 10.321 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082641.D
Acq: 19 Jun 2024 15:11

Tgt Ion:	43	Resp:	14016
Ion	Ratio	Lower	Upper
43	100		
72	26.1	18.2	27.2





#33

1,2-Dichloroethane-d4

Concen: 57.289 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN082641.D

Acq: 19 Jun 2024 15:11

Instrument :

MSVOA_N

ClientSampleId :

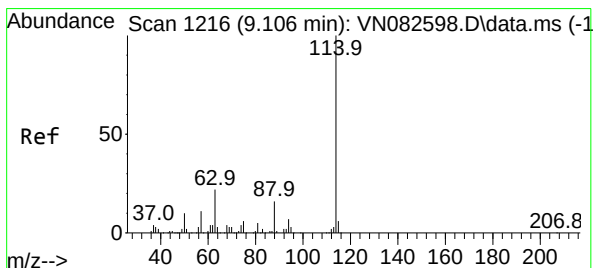
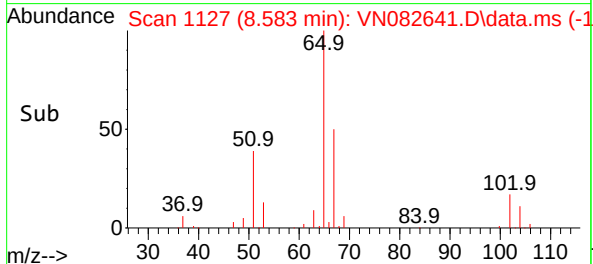
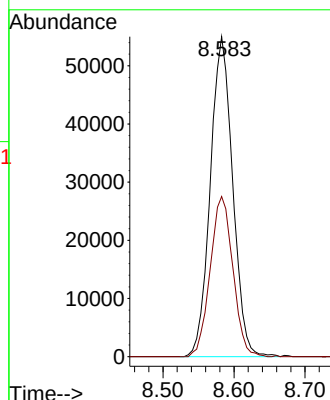
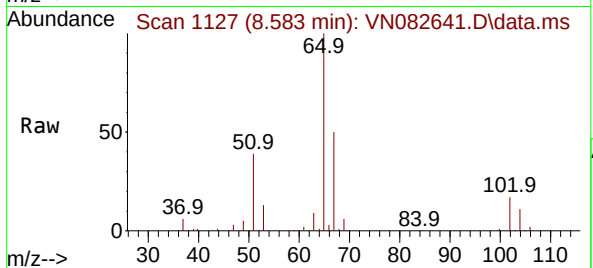
PB161542ZHE#07

Tgt Ion: 65 Resp: 120358

Ion Ratio Lower Upper

65 100

67 50.7 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: VN082641.D

Acq: 19 Jun 2024 15:11

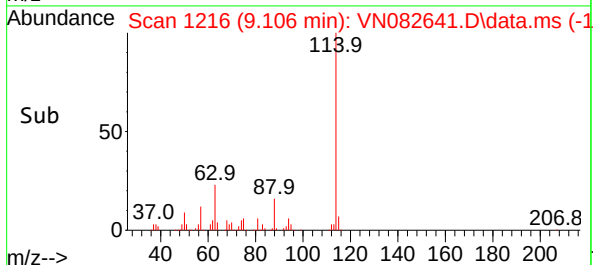
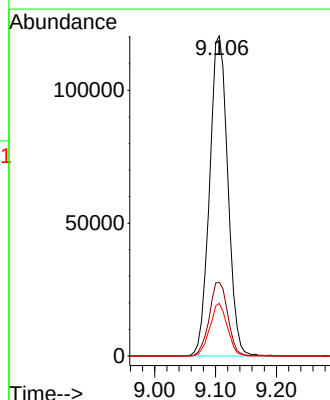
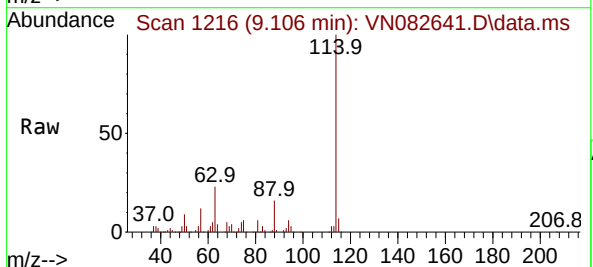
Tgt Ion: 114 Resp: 250894

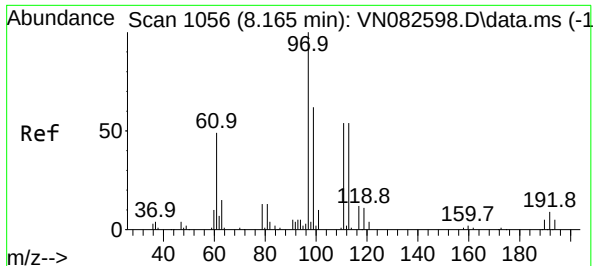
Ion Ratio Lower Upper

114 100

63 23.0 0.0 44.6

88 16.4 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.409 ug/l

RT: 8.171 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VN082641.D

Acq: 19 Jun 2024 15:11

Instrument :

MSVOA_N

ClientSampleId :

PB161542ZHE#07

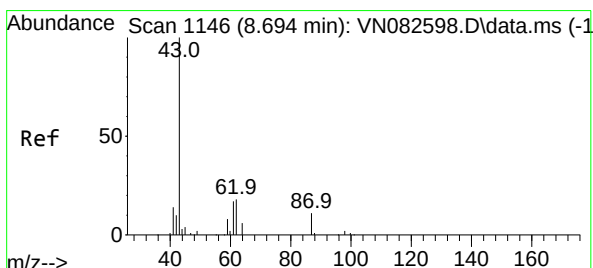
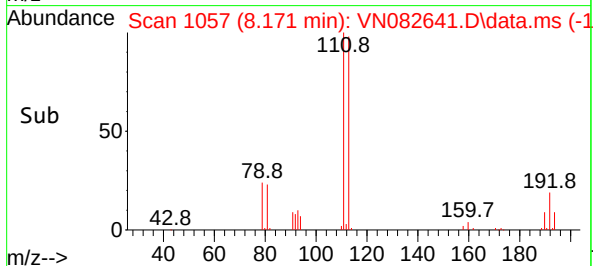
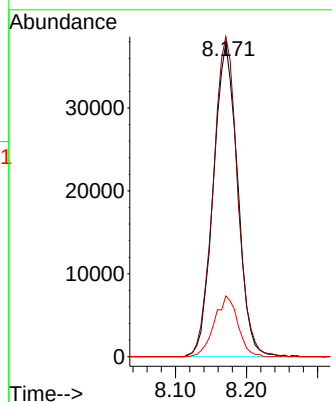
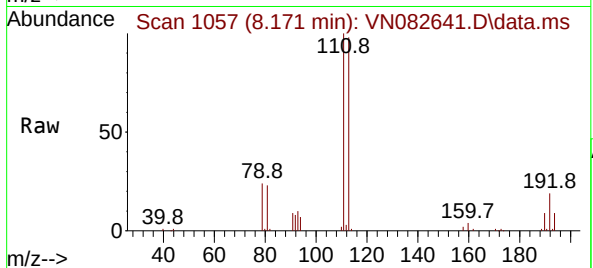
Tgt Ion:113 Resp: 89203

Ion Ratio Lower Upper

113 100

111 102.9 82.4 123.6

192 18.8 14.9 22.3



#43

Isopropyl Acetate

Concen: 44.350 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN082641.D

Acq: 19 Jun 2024 15:11

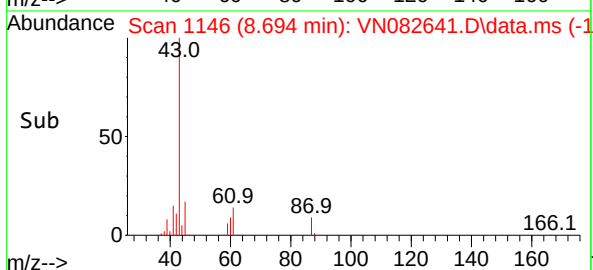
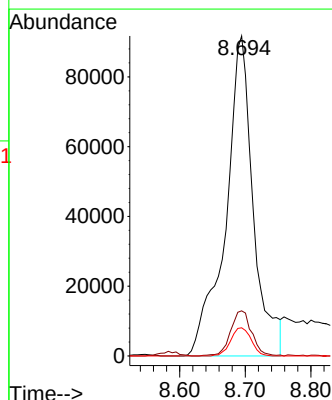
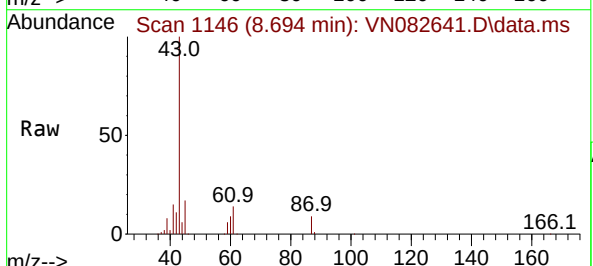
Tgt Ion: 43 Resp: 268631

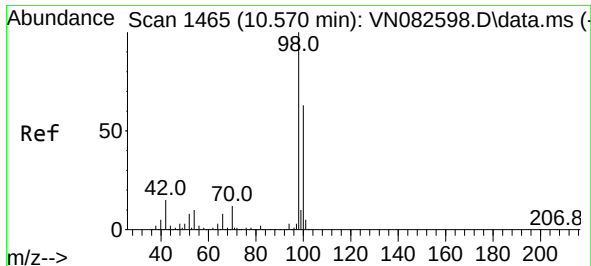
Ion Ratio Lower Upper

43 100

61 10.8 17.8 26.6#

87 6.5 8.2 12.2#

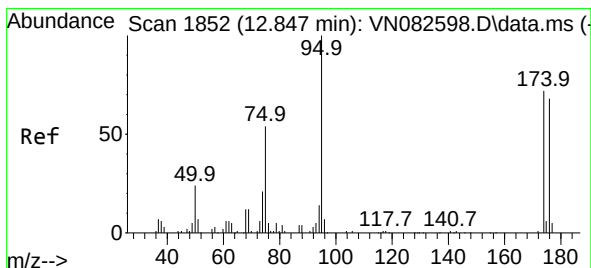
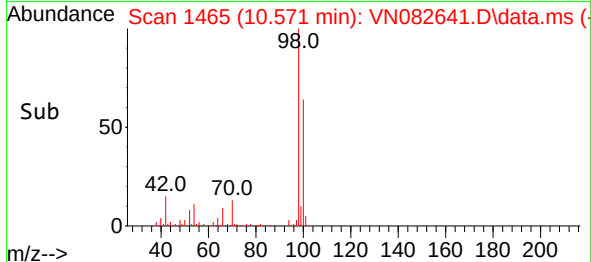
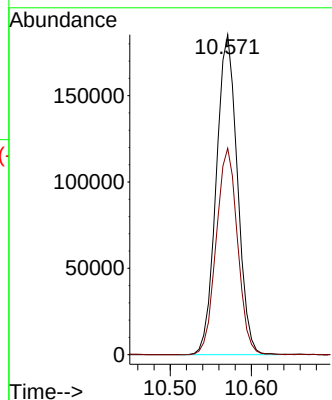
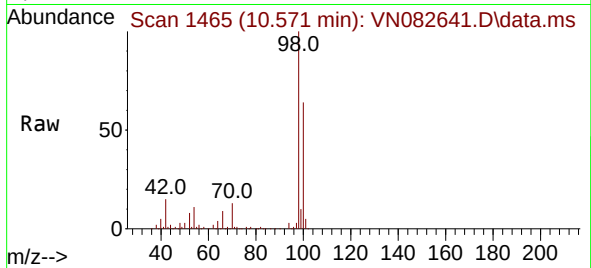




#50
Toluene-d8
Concen: 52.170 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082641.D
Acq: 19 Jun 2024 15:11

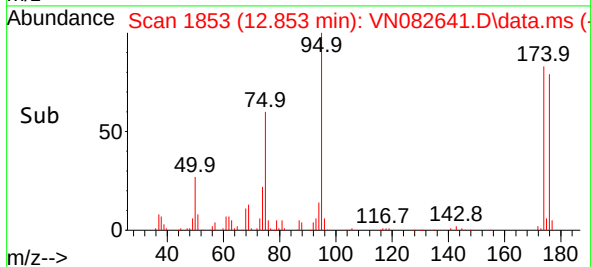
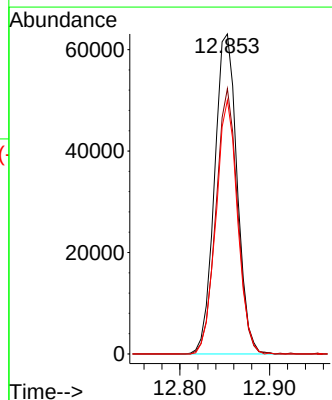
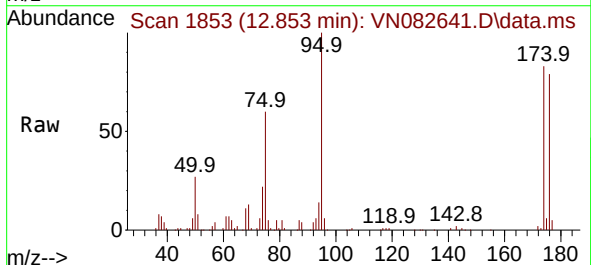
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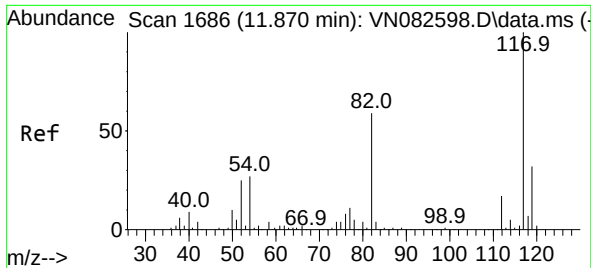
Tgt Ion: 98 Resp: 335793
Ion Ratio Lower Upper
98 100
100 65.0 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 49.712 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082641.D
Acq: 19 Jun 2024 15:11

Tgt Ion: 95 Resp: 110315
Ion Ratio Lower Upper
95 100
174 79.4 0.0 159.2
176 75.9 0.0 147.6

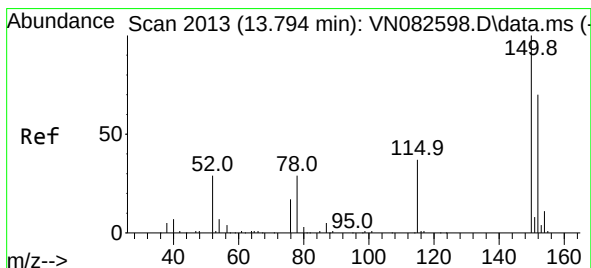
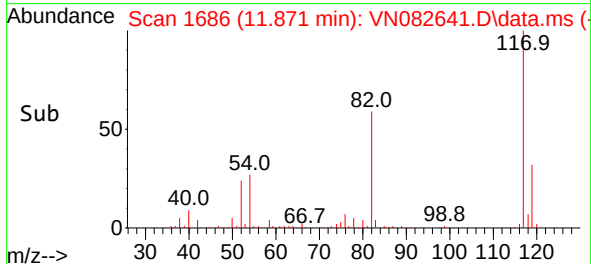
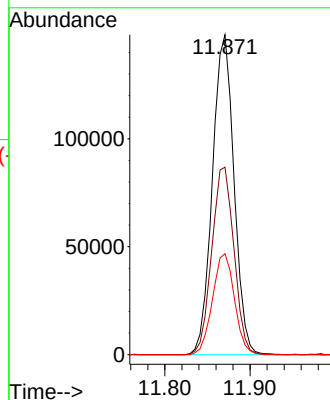
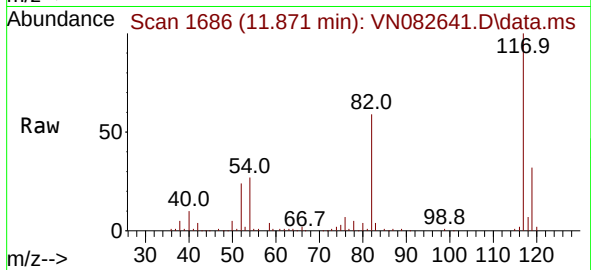




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082641.D
Acq: 19 Jun 2024 15:11

Instrument :
MSVOA_N
ClientSampleId :
PB161542ZHE#07

Tgt Ion:117 Resp: 260959
Ion Ratio Lower Upper
117 100
82 58.6 47.5 71.3
119 31.6 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: VN082641.D
Acq: 19 Jun 2024 15:11

Tgt Ion:152 Resp: 106622
Ion Ratio Lower Upper
152 100
115 58.8 30.6 91.6
150 156.6 0.0 348.6

