

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070324\
 Data File : VN082802.D
 Acq On : 03 Jul 2024 14:51
 Operator : JC\MD
 Sample : PB161888ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161888ZHE#05

Quant Time: Jul 03 23:59:26 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)

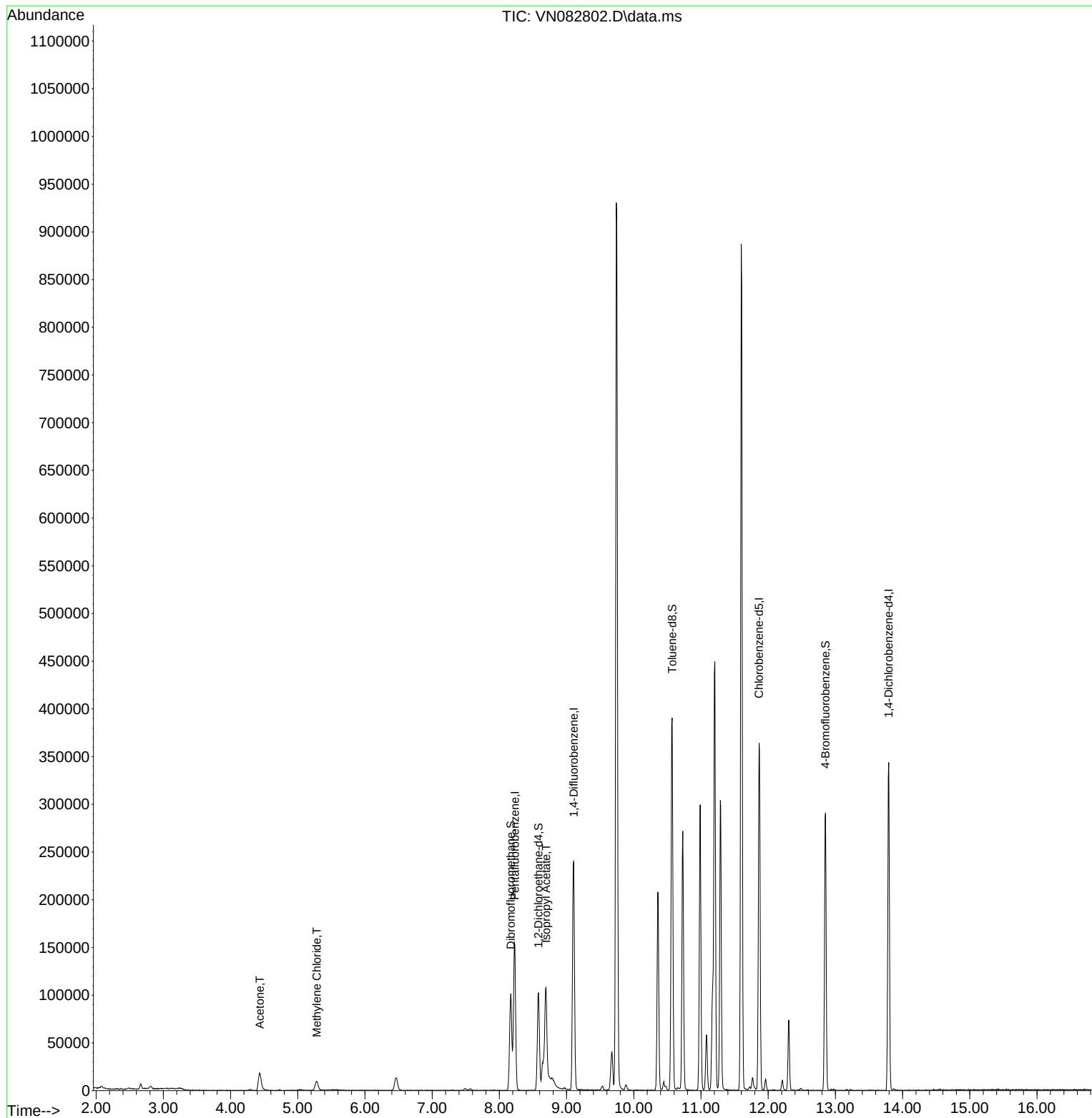
Internal Standards						
1) Pentafluorobenzene	8.229	168	109851	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	208730	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	208430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	91960	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	85468	50.451	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.900%	
35) Dibromofluoromethane	8.171	113	71756	52.214	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.420%	
50) Toluene-d8	10.570	98	267242	51.998	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.000%	
62) 4-Bromofluorobenzene	12.853	95	96648	54.759	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 109.520%	
Target Compounds						Qvalue
16) Acetone	4.436	43	36501	56.869	ug/l	95
20) Methylene Chloride	5.283	84	7872	4.847	ug/l #	77
43) Isopropyl Acetate	8.694	43	157709	42.437	ug/l #	86

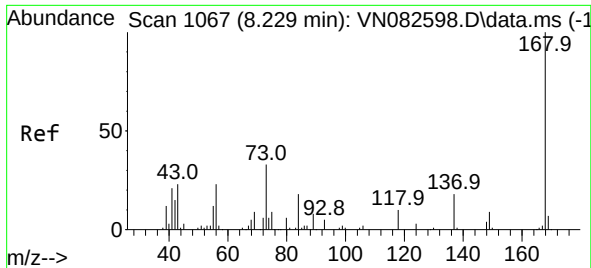
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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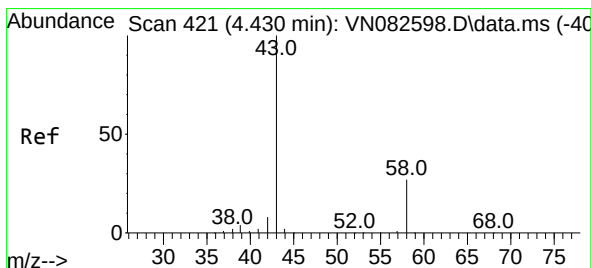
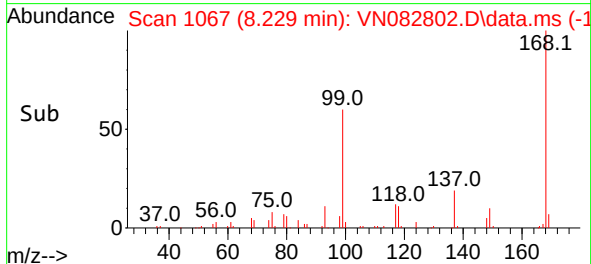
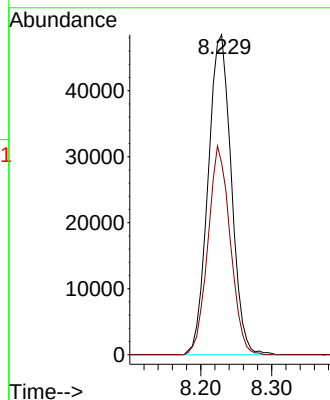
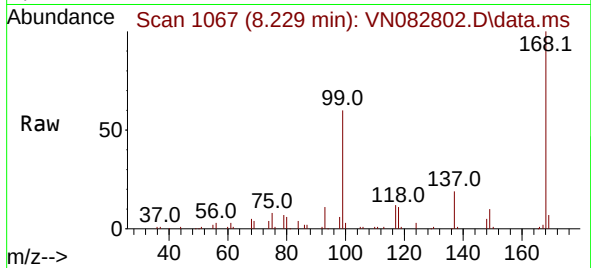




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.000 min
Lab File: VN082802.D
Acq: 03 Jul 2024 14:51

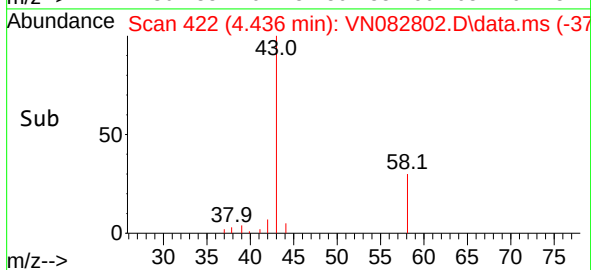
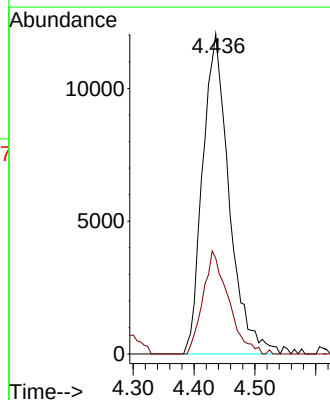
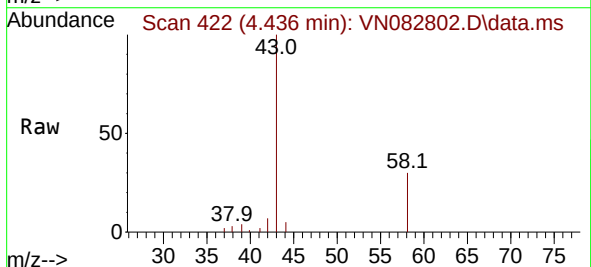
Instrument :
MSVOA_N
ClientSampleId :
PB161888ZHE#05

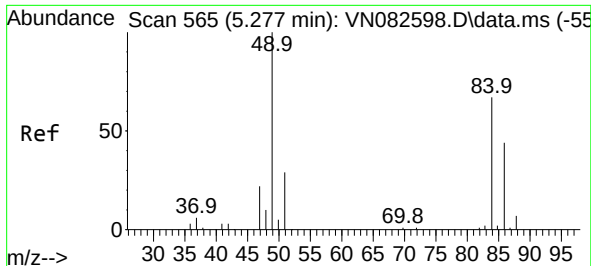
Tgt Ion:168 Resp: 109851
Ion Ratio Lower Upper
168 100
99 59.8 48.2 72.4



#16
Acetone
Concen: 56.869 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN082802.D
Acq: 03 Jul 2024 14:51

Tgt Ion: 43 Resp: 36501
Ion Ratio Lower Upper
43 100
58 29.9 21.8 32.6

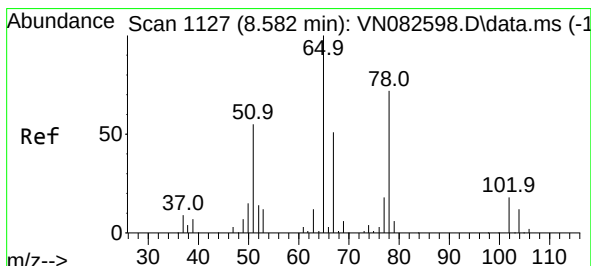
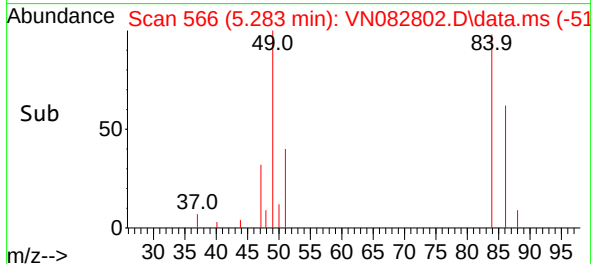
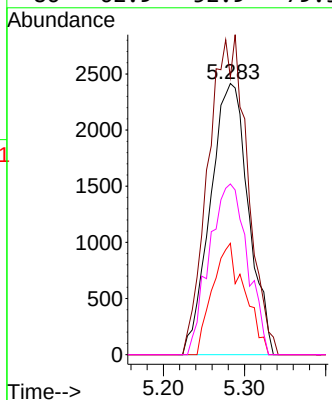
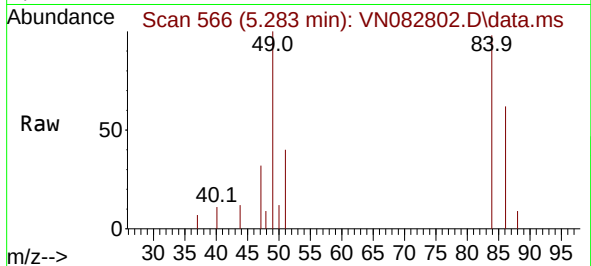




#20
Methylene Chloride
Concen: 4.847 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082802.D
Acq: 03 Jul 2024 14:51

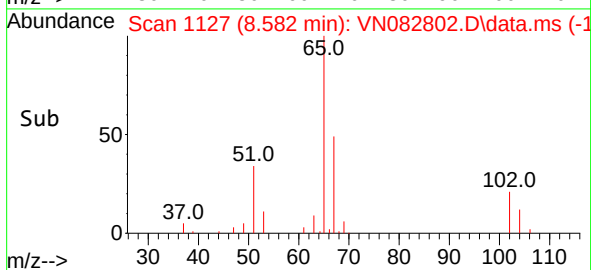
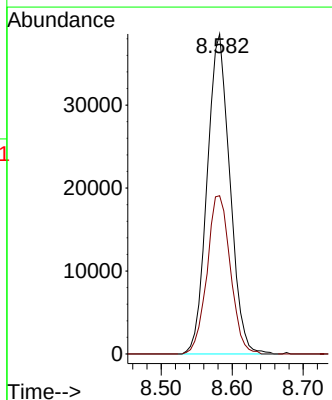
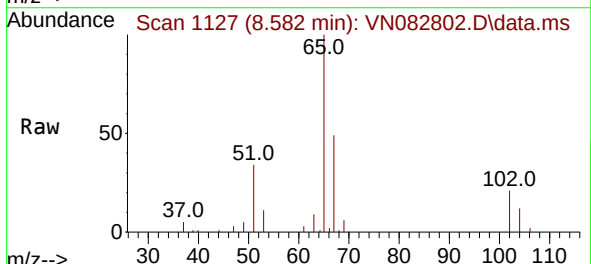
Instrument :
MSVOA_N
ClientSampleId :
PB161888ZHE#05

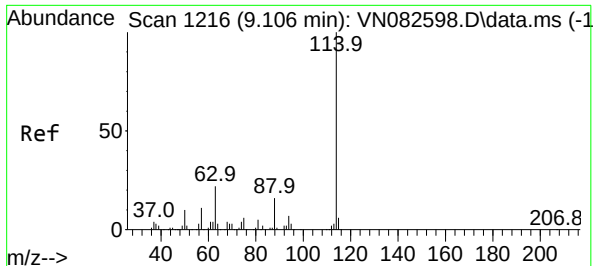
Tgt Ion: 84	Resp:	7872
Ion	Ratio	Lower Upper
84	100	
49	102.3	119.6 179.4#
51	41.0	34.8 52.2
86	62.9	52.9 79.3



#33
1,2-Dichloroethane-d4
Concen: 50.451 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082802.D
Acq: 03 Jul 2024 14:51

Tgt Ion: 65	Resp:	85468
Ion	Ratio	Lower Upper
65	100	
67	50.9	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: VN082802.D

Acq: 03 Jul 2024 14:51

Instrument :

MSVOA_N

ClientSampleId :

PB161888ZHE#05

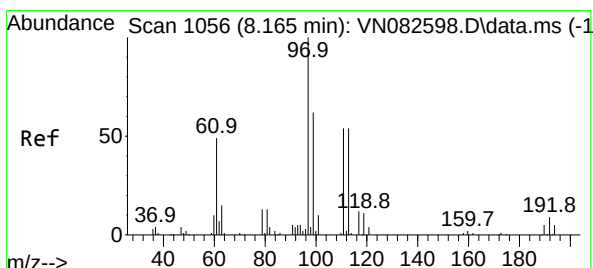
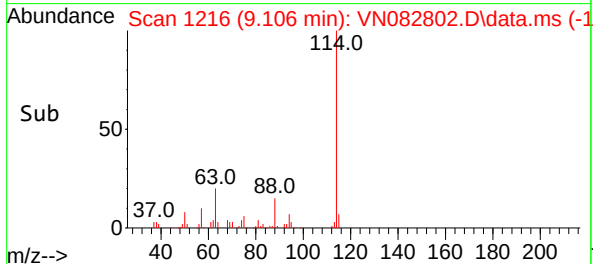
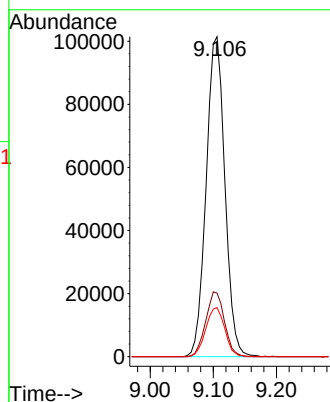
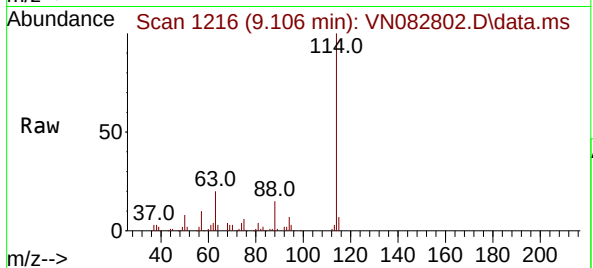
Tgt Ion:114 Resp: 208730

Ion Ratio Lower Upper

114 100

63 19.9 0.0 44.6

88 15.4 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.214 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082802.D

Acq: 03 Jul 2024 14:51

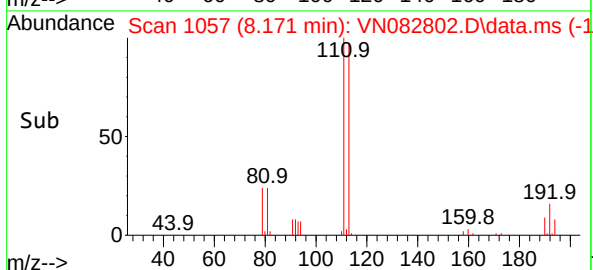
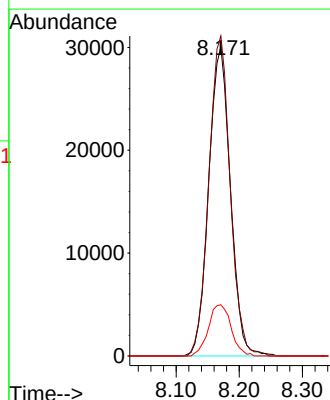
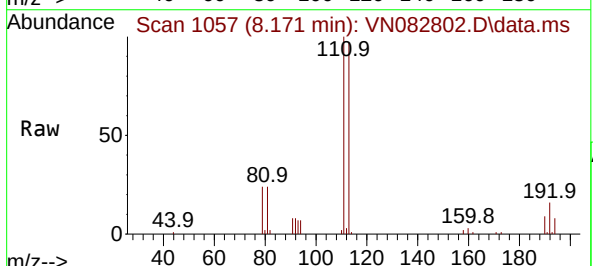
Tgt Ion:113 Resp: 71756

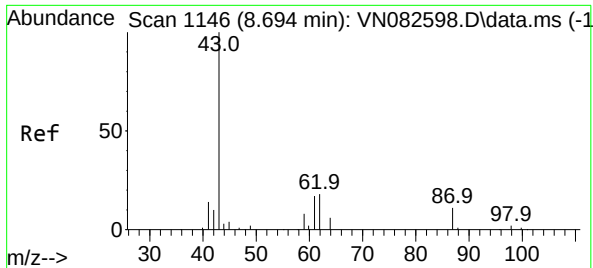
Ion Ratio Lower Upper

113 100

111 101.7 82.4 123.6

192 17.3 14.9 22.3

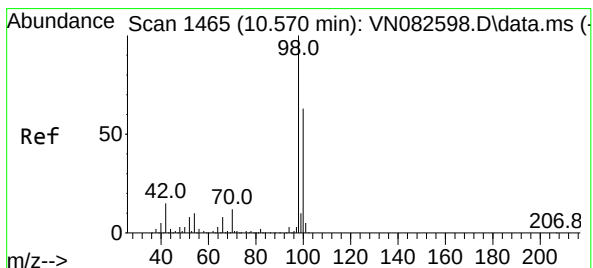
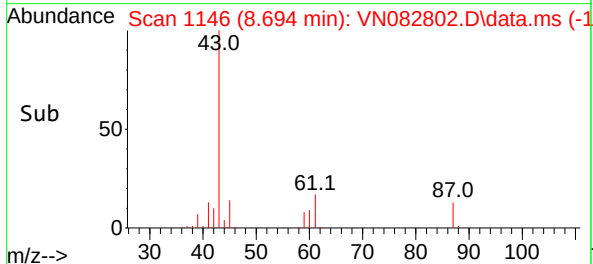
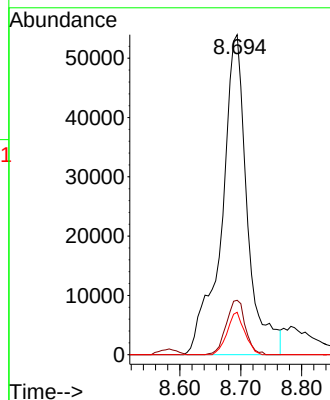
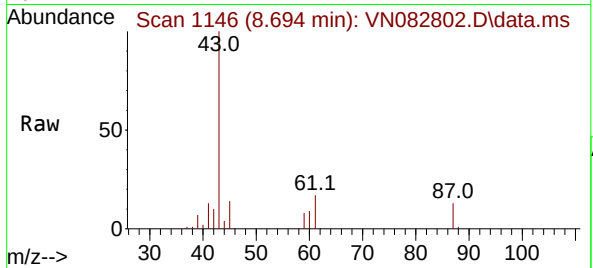




#43
Isopropyl Acetate
Concen: 42.437 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082802.D
Acq: 03 Jul 2024 14:51

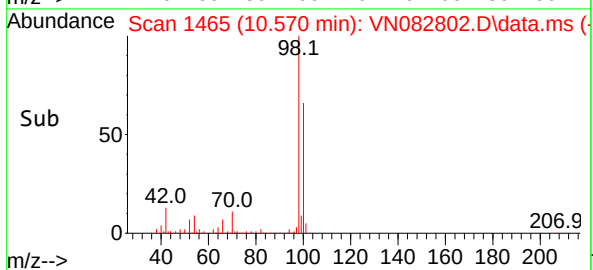
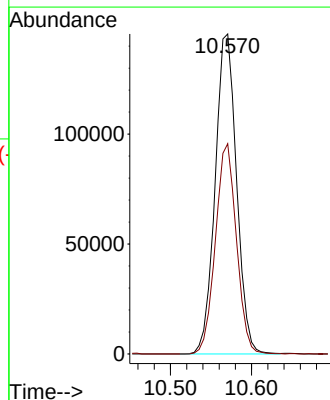
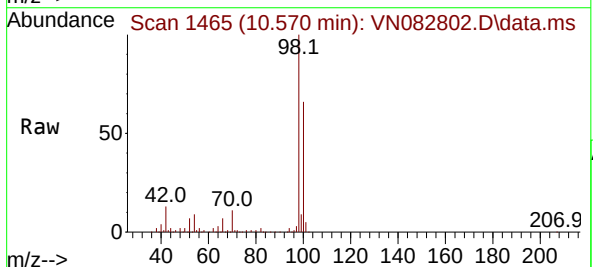
Instrument :
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PB161888ZHE#05

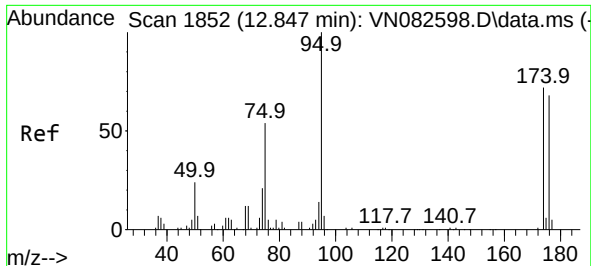
Tgt Ion: 43 Resp: 157709
Ion Ratio Lower Upper
43 100
61 12.7 17.8 26.6#
87 9.1 8.2 12.2



#50
Toluene-d8
Concen: 51.998 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082802.D
Acq: 03 Jul 2024 14:51

Tgt Ion: 98 Resp: 267242
Ion Ratio Lower Upper
98 100
100 64.3 51.5 77.3





#62

4-Bromofluorobenzene

Concen: 54.759 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082802.D

Acq: 03 Jul 2024 14:51

Instrument :

MSVOA_N

ClientSampleId :

PB161888ZHE#05

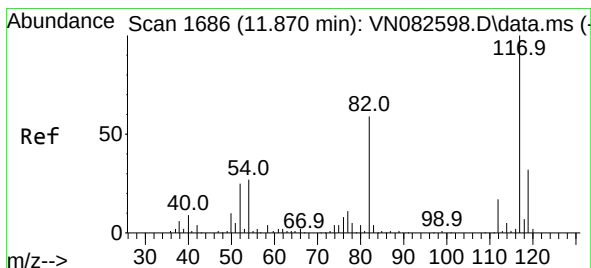
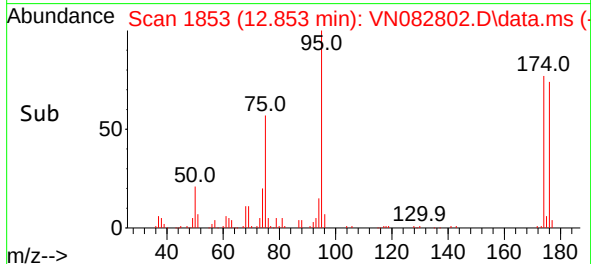
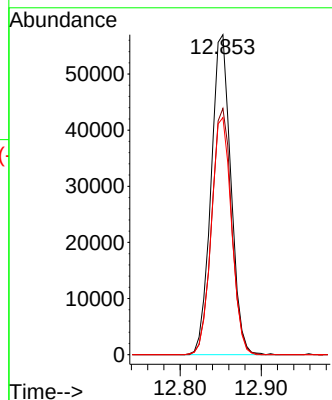
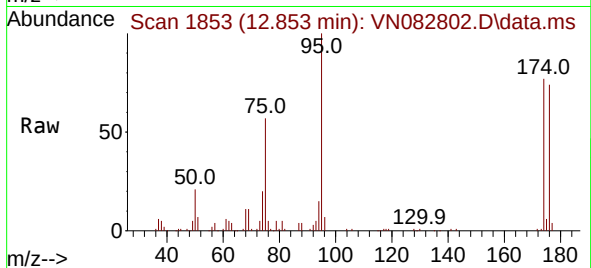
Tgt Ion: 95 Resp: 96648

Ion Ratio Lower Upper

95 100

174 77.5 0.0 159.2

176 75.2 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: VN082802.D

Acq: 03 Jul 2024 14:51

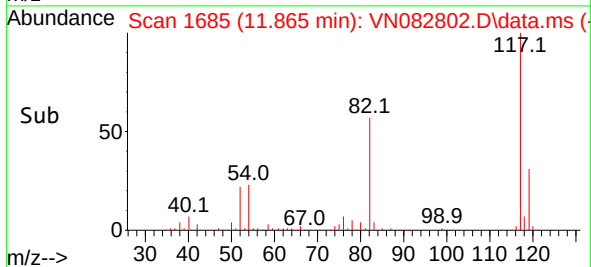
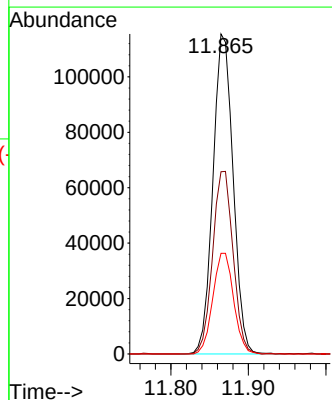
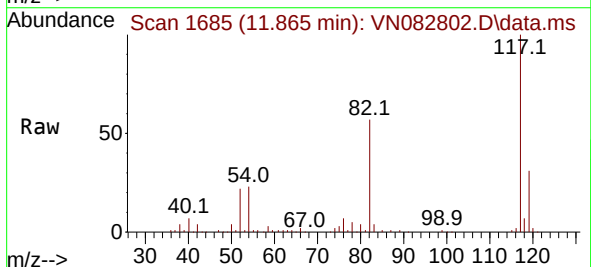
Tgt Ion: 117 Resp: 208430

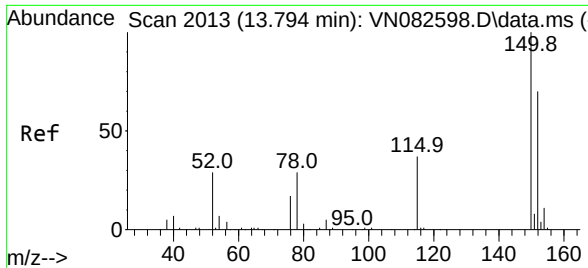
Ion Ratio Lower Upper

117 100

82 56.9 47.5 71.3

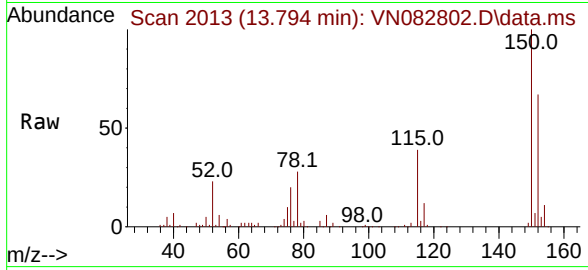
119 31.4 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN082802.D
 Acq: 03 Jul 2024 14:51

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161888ZHE#05



Tgt Ion:152 Resp: 91960
 Ion Ratio Lower Upper
 152 100
 115 60.5 30.6 91.6
 150 155.3 0.0 348.6

