

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061924\
 Data File : VN082642.D
 Acq On : 19 Jun 2024 15:36
 Operator : JC\MD
 Sample : PB161542ZHE#08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161542ZHE#08

Quant Time: Jun 20 03:02:38 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)

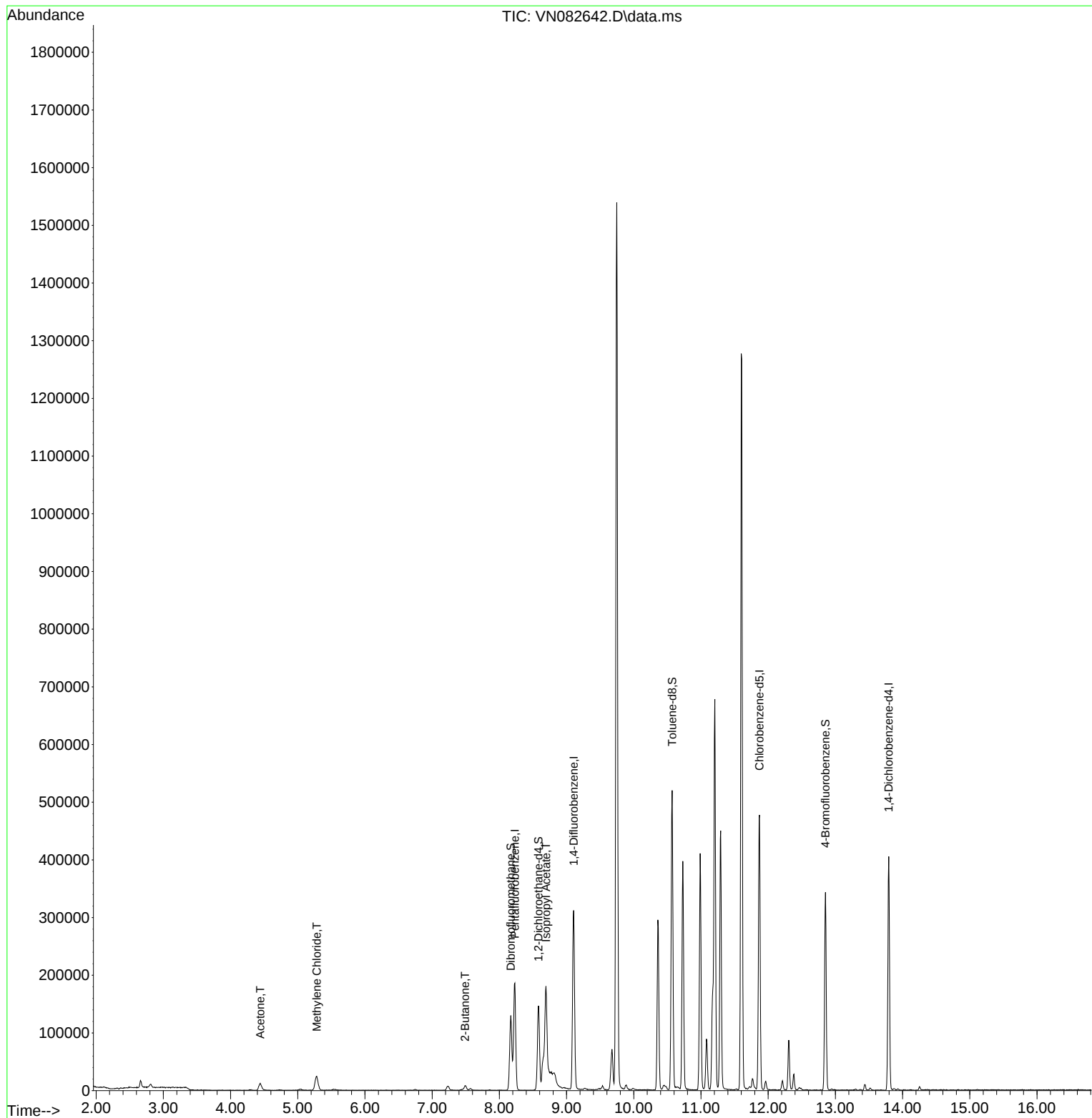
Internal Standards						
1) Pentafluorobenzene	8.229	168	129253	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	249773	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	256568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	102599	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	120481	58.126	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.260%			
35) Dibromofluoromethane	8.171	113	89009	52.530	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.060%			
50) Toluene-d8	10.571	98	333149	51.992	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.980%			
62) 4-Bromofluorobenzene	12.853	95	108596	49.157	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 98.320%			
Target Compounds						
16) Acetone	4.441	43	23329	24.748	ug/l	92
20) Methylene Chloride	5.283	84	17402	10.500	ug/l	92
25) 2-Butanone	7.488	43	14271	10.651	ug/l	93
43) Isopropyl Acetate	8.694	43	275812	45.740	ug/l #	80

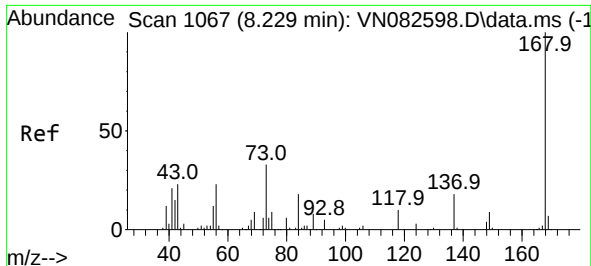
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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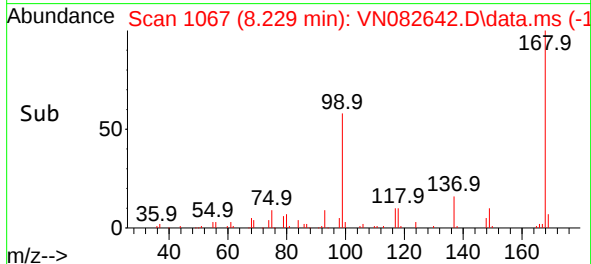
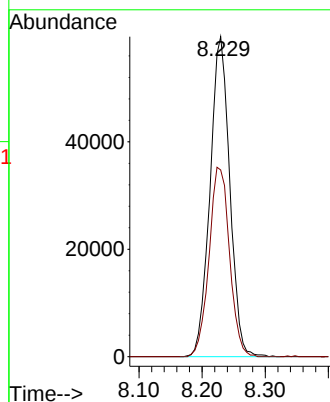
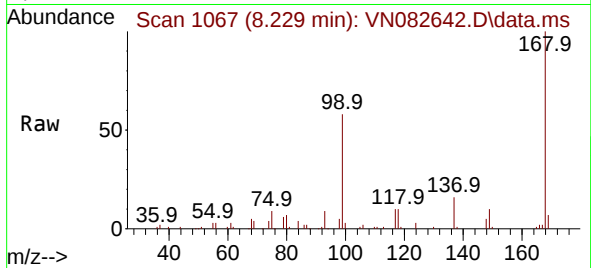




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.000 min
Lab File: VN082642.D
Acq: 19 Jun 2024 15:36

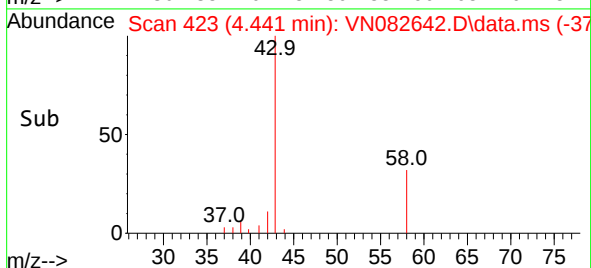
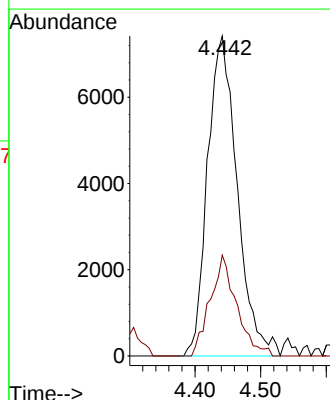
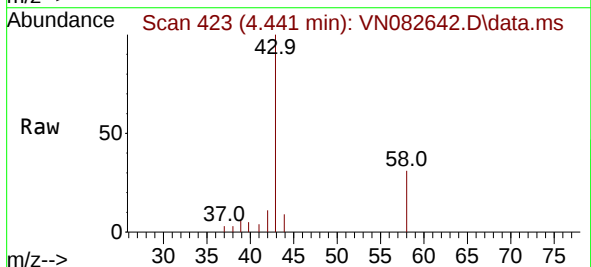
Instrument :
MSVOA_N
ClientSampleId :
PB161542ZHE#08

Tgt Ion:168 Resp: 129253
Ion Ratio Lower Upper
168 100
99 58.4 48.2 72.4



#16
Acetone
Concen: 24.748 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN082642.D
Acq: 19 Jun 2024 15:36

Tgt Ion: 43 Resp: 23329
Ion Ratio Lower Upper
43 100
58 31.5 21.8 32.6

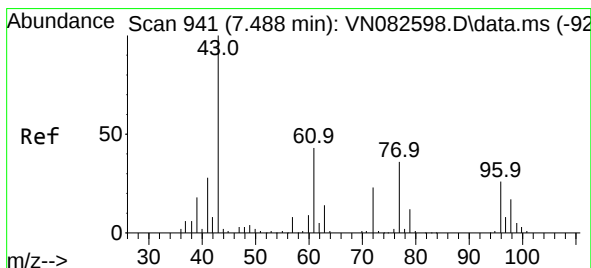
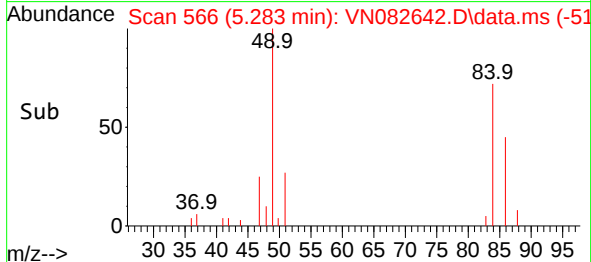
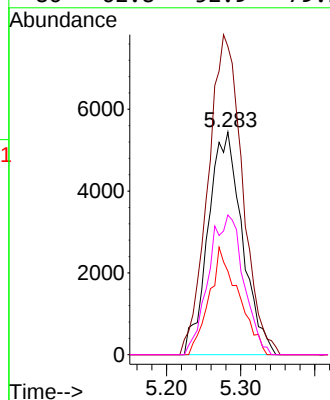
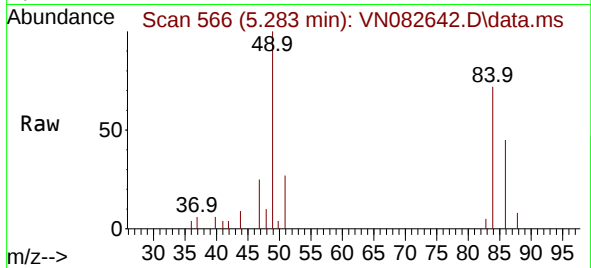




#20
Methylene Chloride
Concen: 10.500 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082642.D
Acq: 19 Jun 2024 15:36

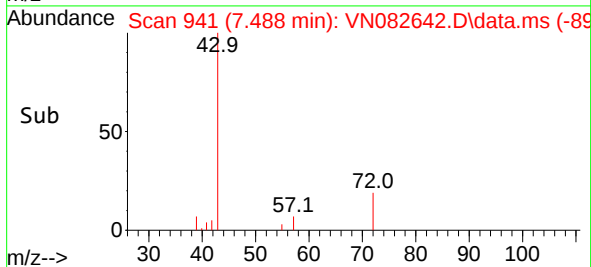
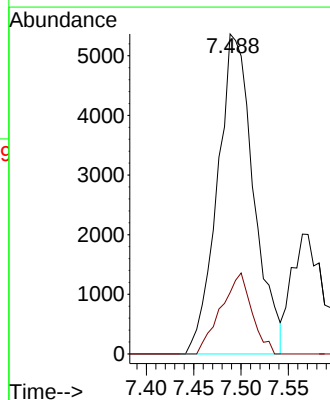
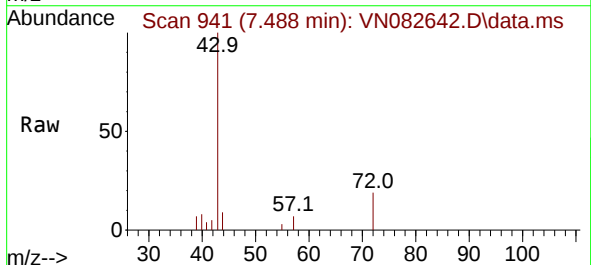
Instrument :
MSVOA_N
ClientSampleId :
PB161542ZHE#08

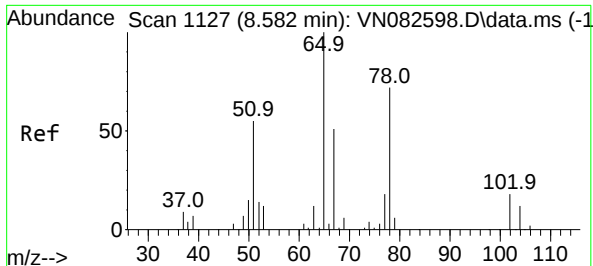
Tgt Ion:	84	Resp:	17402
Ion	Ratio	Lower	Upper
84	100		
49	138.4	119.6	179.4
51	37.5	34.8	52.2
86	62.8	52.9	79.3



#25
2-Butanone
Concen: 10.651 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082642.D
Acq: 19 Jun 2024 15:36

Tgt Ion:	43	Resp:	14271
Ion	Ratio	Lower	Upper
43	100		
72	19.2	18.2	27.2





#33

1,2-Dichloroethane-d4

Concen: 58.126 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN082642.D

Acq: 19 Jun 2024 15:36

Instrument :

MSVOA_N

ClientSampleId :

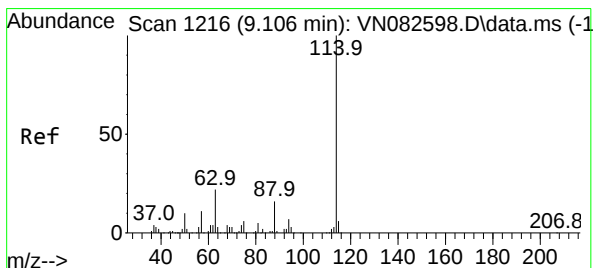
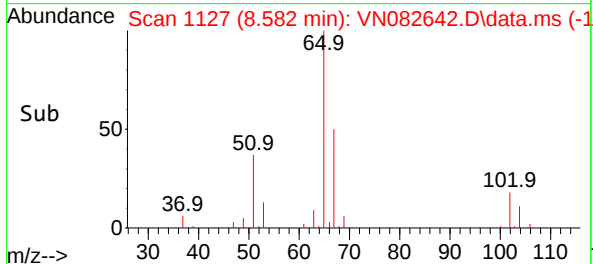
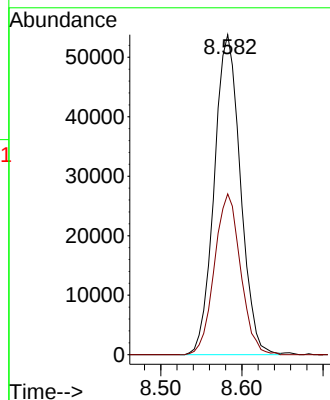
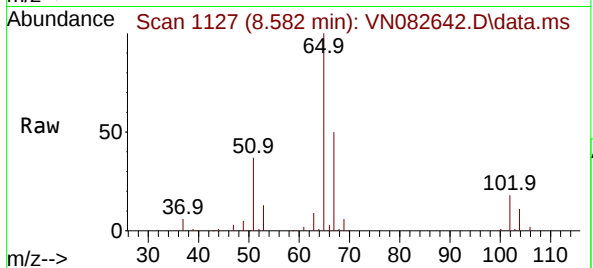
PB161542ZHE#08

Tgt Ion: 65 Resp: 120481

Ion Ratio Lower Upper

65 100

67 50.2 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: VN082642.D

Acq: 19 Jun 2024 15:36

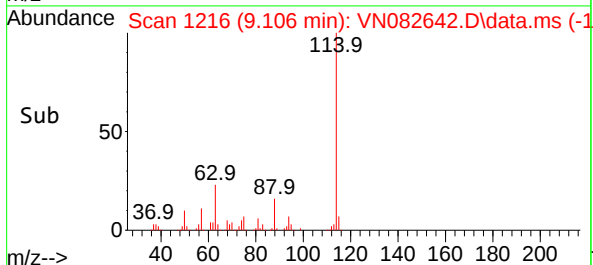
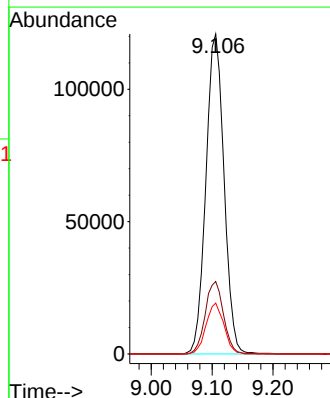
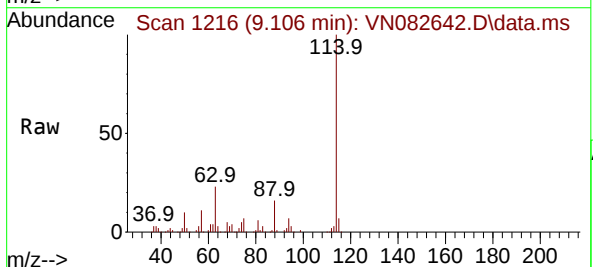
Tgt Ion: 114 Resp: 249773

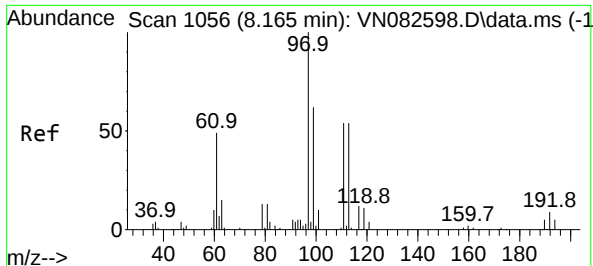
Ion Ratio Lower Upper

114 100

63 22.6 0.0 44.6

88 15.9 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.530 ug/l

RT: 8.171 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VN082642.D

Acq: 19 Jun 2024 15:36

Instrument :

MSVOA_N

ClientSampleId :

PB161542ZHE#08

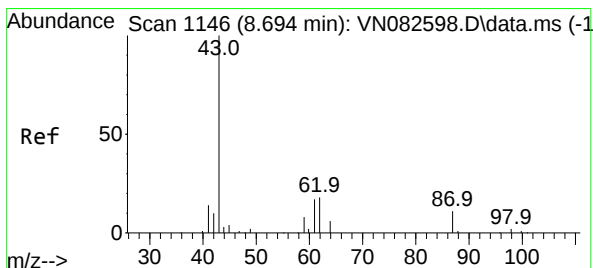
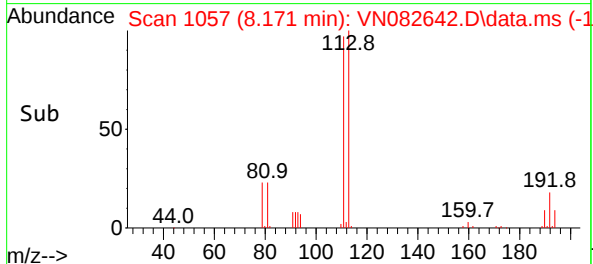
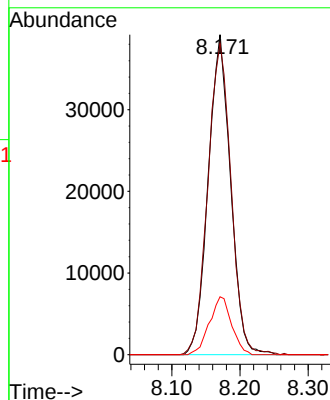
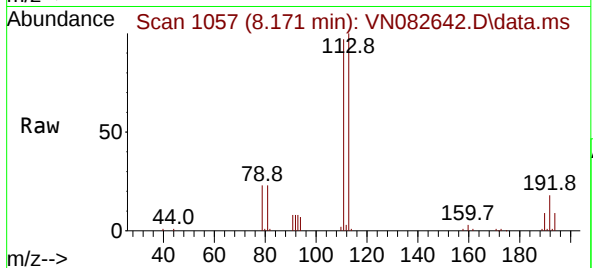
Tgt Ion:113 Resp: 89009

Ion Ratio Lower Upper

113 100

111 101.5 82.4 123.6

192 18.0 14.9 22.3



#43

Isopropyl Acetate

Concen: 45.740 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN082642.D

Acq: 19 Jun 2024 15:36

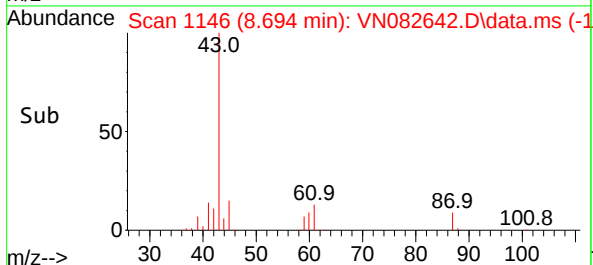
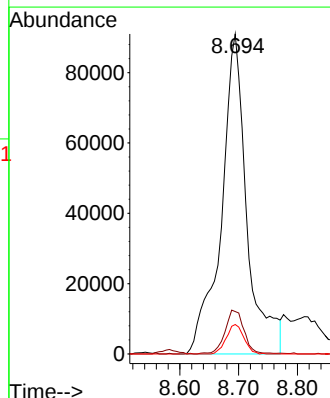
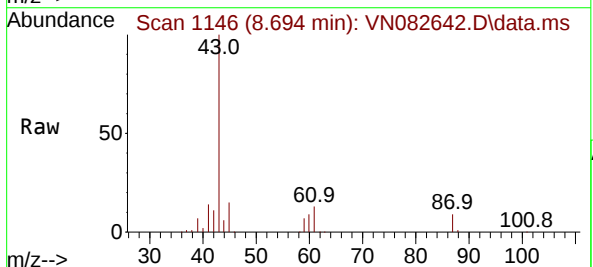
Tgt Ion: 43 Resp: 275812

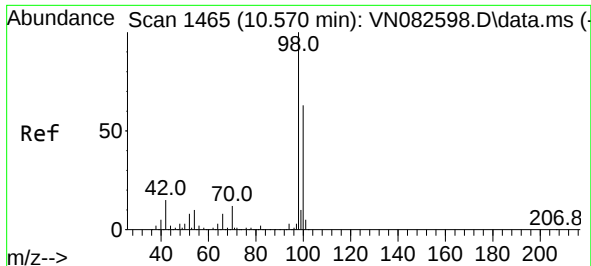
Ion Ratio Lower Upper

43 100

61 10.2 17.8 26.6#

87 6.3 8.2 12.2#

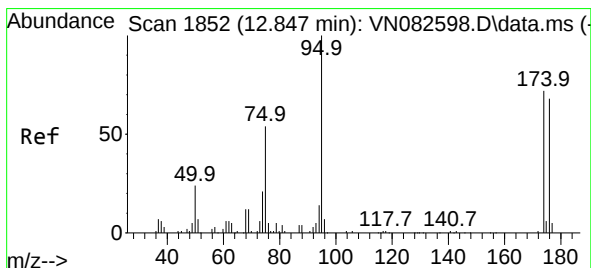
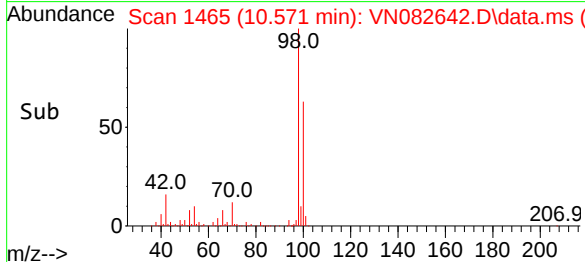
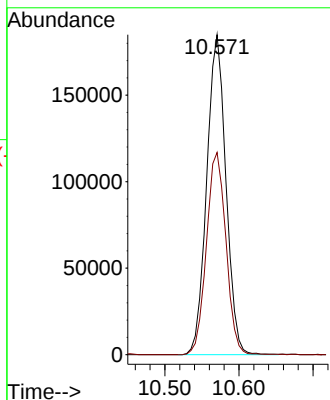
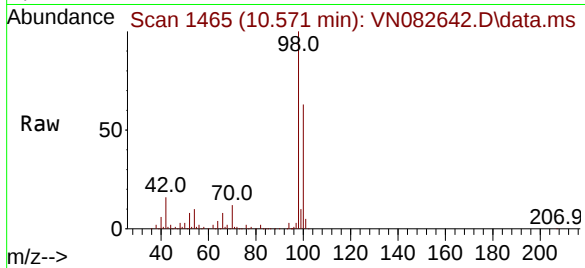




#50
Toluene-d8
Concen: 51.992 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082642.D
Acq: 19 Jun 2024 15:36

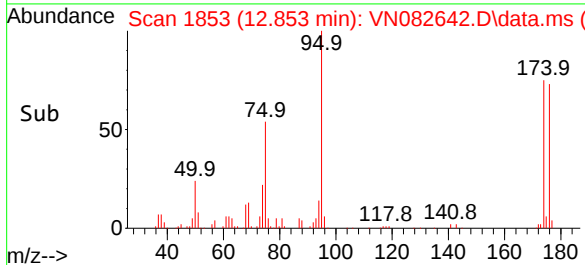
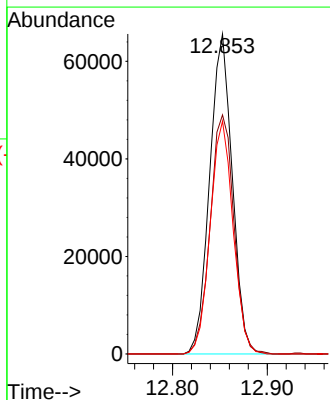
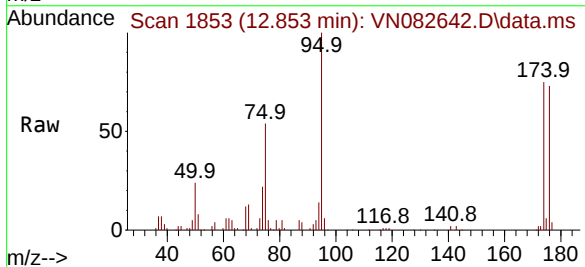
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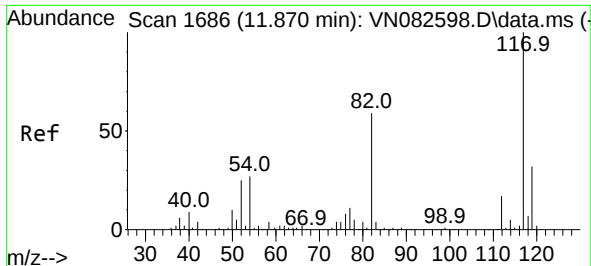
Tgt Ion: 98 Resp: 333149
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 49.157 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082642.D
Acq: 19 Jun 2024 15:36

Tgt Ion: 95 Resp: 108596
Ion Ratio Lower Upper
95 100
174 78.6 0.0 159.2
176 73.8 0.0 147.6

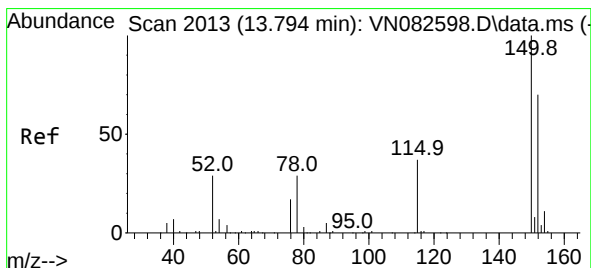
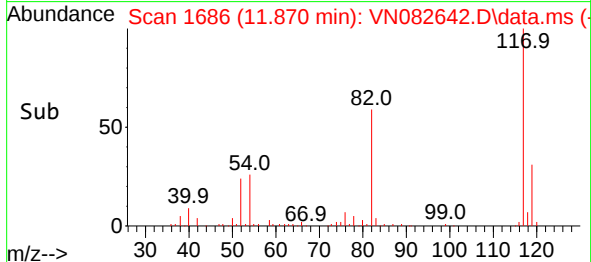
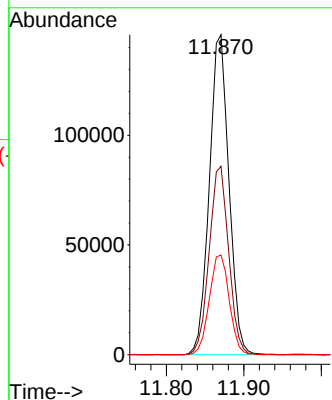
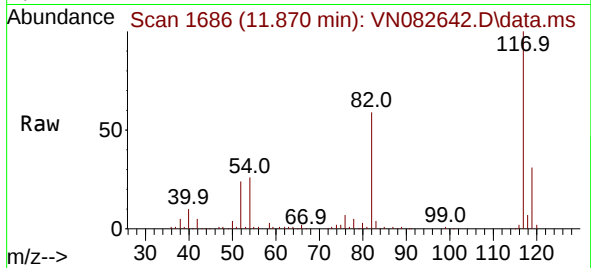




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN082642.D
Acq: 19 Jun 2024 15:36

Instrument :
MSVOA_N
ClientSampleId :
PB161542ZHE#08

Tgt Ion:117 Resp: 256568
Ion Ratio Lower Upper
117 100
82 58.8 47.5 71.3
119 31.2 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: VN082642.D
Acq: 19 Jun 2024 15:36

Tgt Ion:152 Resp: 102599
Ion Ratio Lower Upper
152 100
115 59.6 30.6 91.6
150 155.4 0.0 348.6

