

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061924\
 Data File : VN082639.D
 Acq On : 19 Jun 2024 14:22
 Operator : JC\MD
 Sample : PB161542ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161542ZHE#05

Quant Time: Jun 20 03:01:09 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)

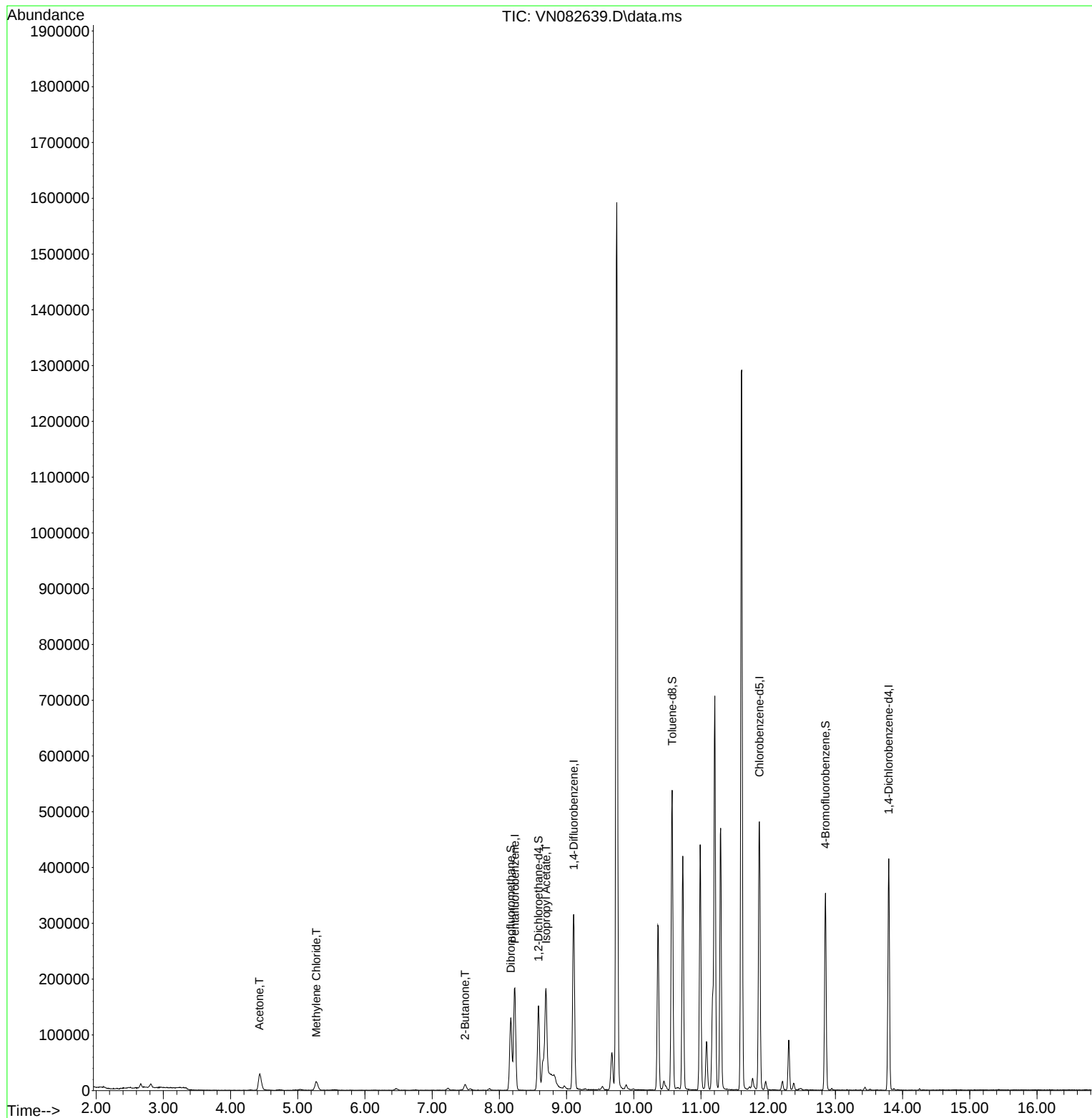
Internal Standards						
1) Pentafluorobenzene	8.230	168	130512	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	252268	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	258429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	103172	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	120428	57.540	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 115.080%	
35) Dibromofluoromethane	8.171	113	90235	52.727	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.460%	
50) Toluene-d8	10.571	98	340485	52.611	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.220%	
62) 4-Bromofluorobenzene	12.853	95	109133	48.912	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 97.820%	
Target Compounds						
						Qvalue
16) Acetone	4.430	43	60184	63.229	ug/l	95
20) Methylene Chloride	5.277	84	11363	6.790	ug/l	88
25) 2-Butanone	7.488	43	17607	13.014	ug/l	94
43) Isopropyl Acetate	8.694	43	293462	48.186	ug/l #	79

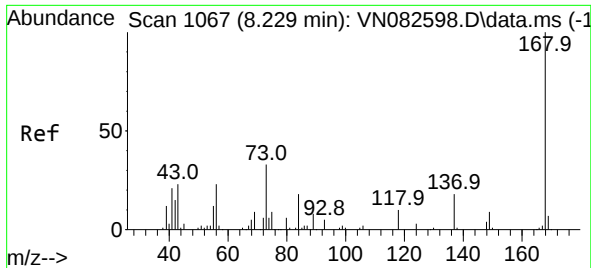
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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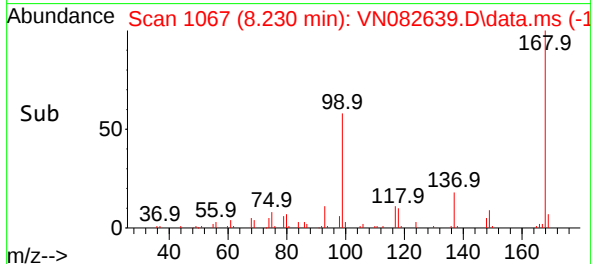
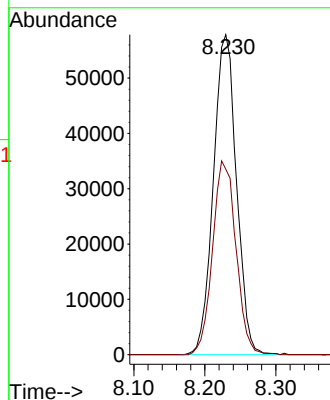
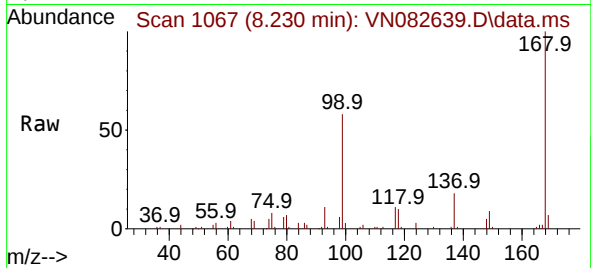




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082639.D
Acq: 19 Jun 2024 14:22

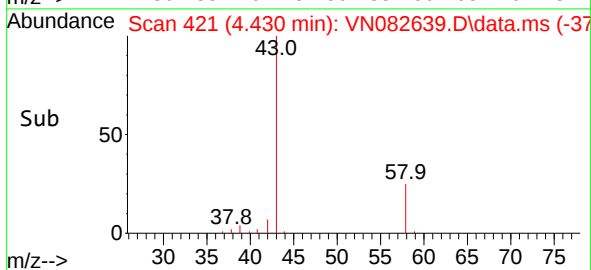
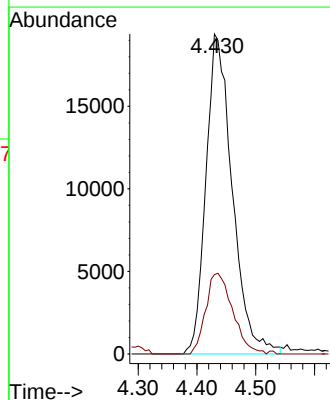
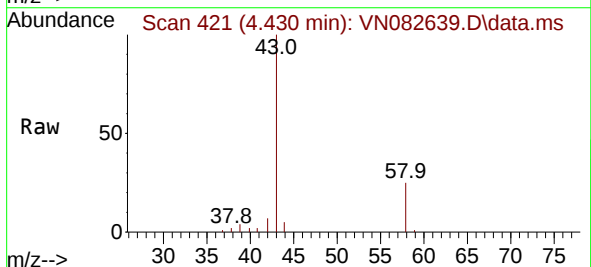
Instrument :
MSVOA_N
ClientSampleId :
PB161542ZHE#05

Tgt Ion:168 Resp: 130512
Ion Ratio Lower Upper
168 100
99 58.0 48.2 72.4



#16
Acetone
Concen: 63.229 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN082639.D
Acq: 19 Jun 2024 14:22

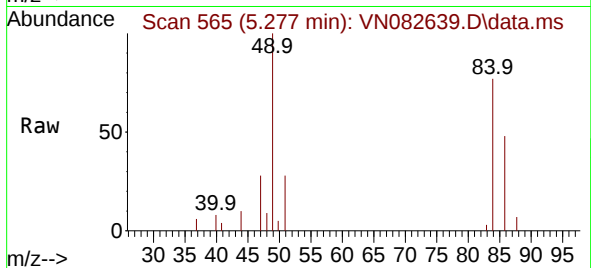
Tgt Ion: 43 Resp: 60184
Ion Ratio Lower Upper
43 100
58 24.8 21.8 32.6



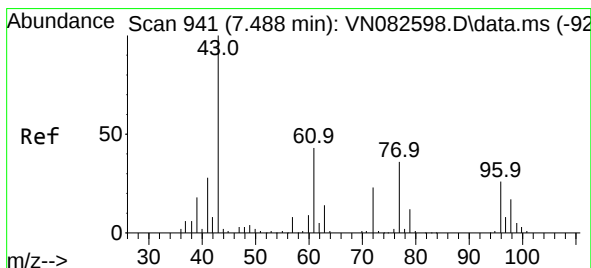
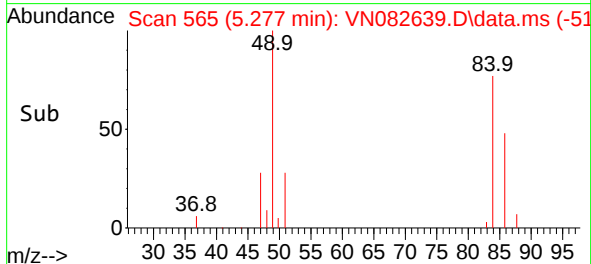
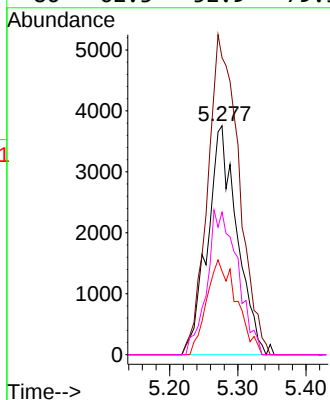


#20
Methylene Chloride
Concen: 6.790 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN082639.D
Acq: 19 Jun 2024 14:22

Instrument :
MSVOA_N
ClientSampleId :
PB161542ZHE#05

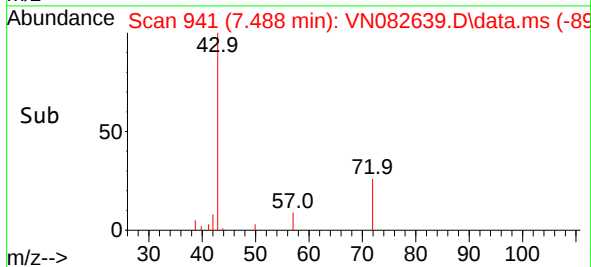
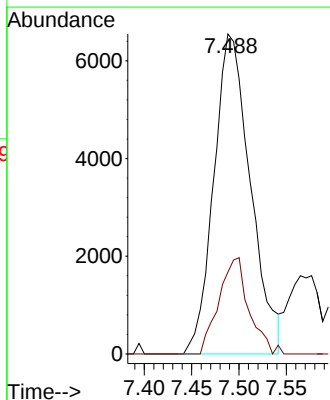
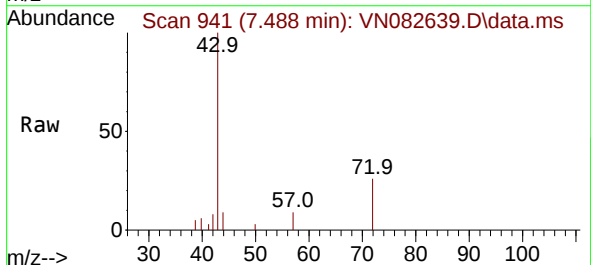


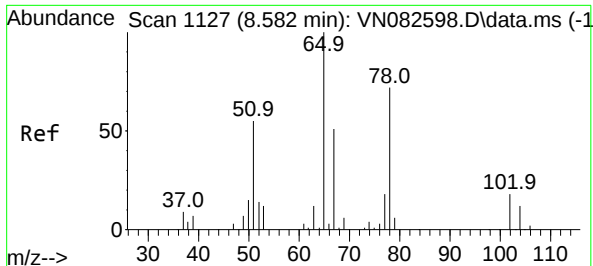
Tgt Ion:	84	Resp:	11363
Ion	Ratio	Lower	Upper
84	100		
49	129.7	119.6	179.4
51	36.5	34.8	52.2
86	62.3	52.9	79.3



#25
2-Butanone
Concen: 13.014 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082639.D
Acq: 19 Jun 2024 14:22

Tgt Ion:	43	Resp:	17607
Ion	Ratio	Lower	Upper
43	100		
72	25.6	18.2	27.2





#33

1,2-Dichloroethane-d4

Concen: 57.540 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN082639.D

Acq: 19 Jun 2024 14:22

Instrument :

MSVOA_N

ClientSampleId :

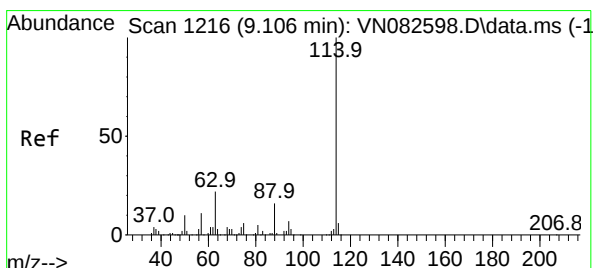
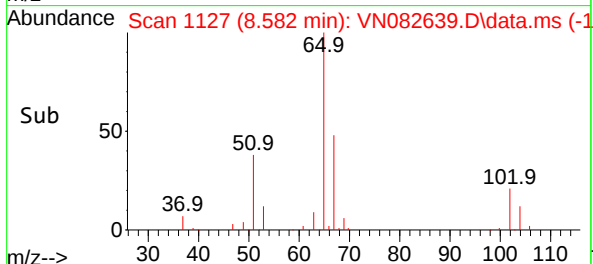
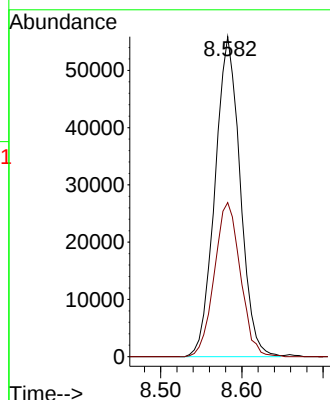
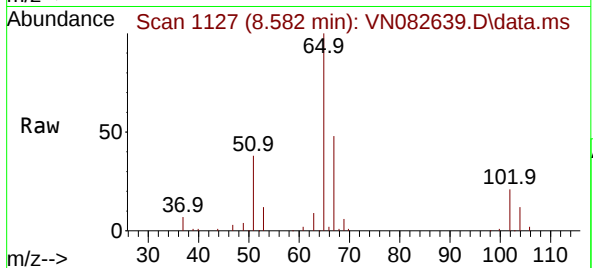
PB161542ZHE#05

Tgt Ion: 65 Resp: 120428

Ion Ratio Lower Upper

65 100

67 49.7 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: VN082639.D

Acq: 19 Jun 2024 14:22

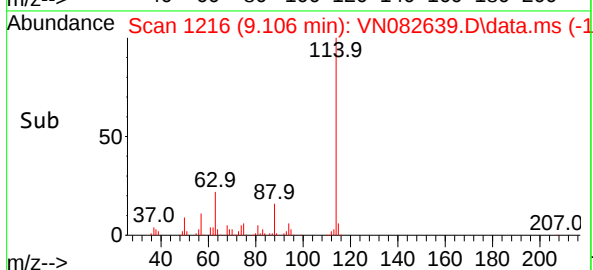
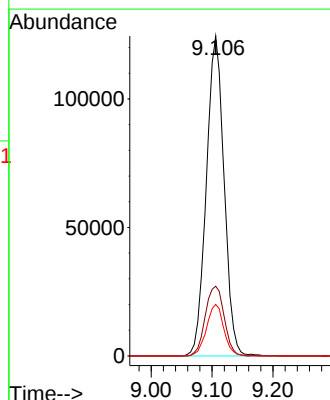
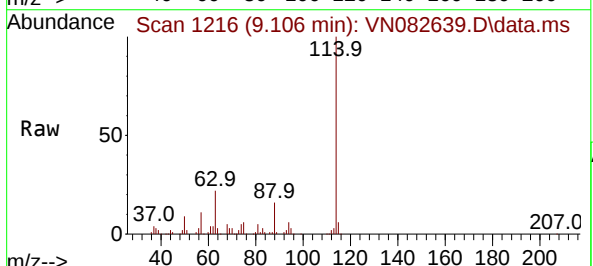
Tgt Ion: 114 Resp: 252268

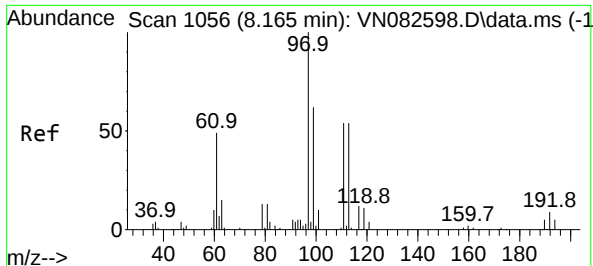
Ion Ratio Lower Upper

114 100

63 21.8 0.0 44.6

88 16.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.727 ug/l

RT: 8.171 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VN082639.D

Acq: 19 Jun 2024 14:22

Instrument :

MSVOA_N

ClientSampleId :

PB161542ZHE#05

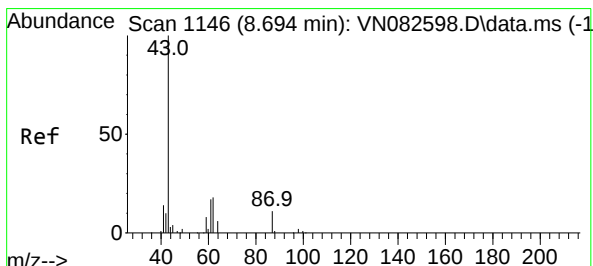
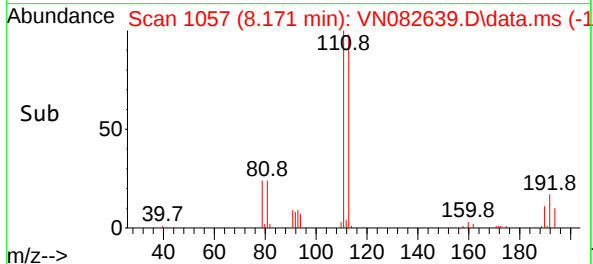
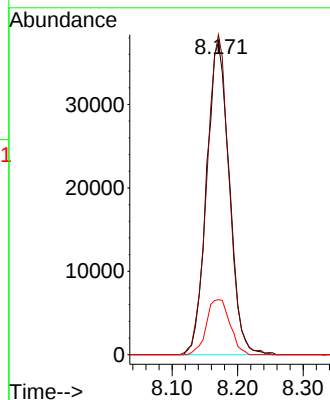
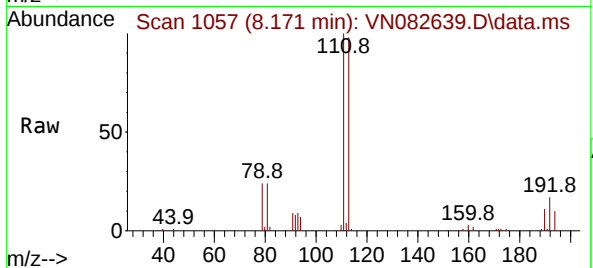
Tgt Ion:113 Resp: 90235

Ion Ratio Lower Upper

113 100

111 100.5 82.4 123.6

192 18.2 14.9 22.3



#43

Isopropyl Acetate

Concen: 48.186 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN082639.D

Acq: 19 Jun 2024 14:22

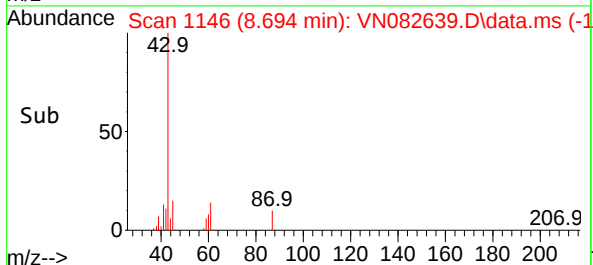
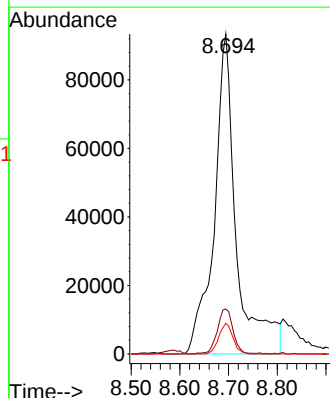
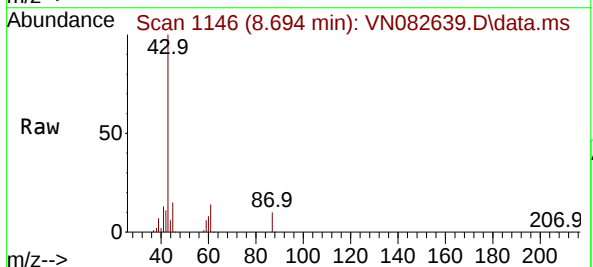
Tgt Ion: 43 Resp: 293462

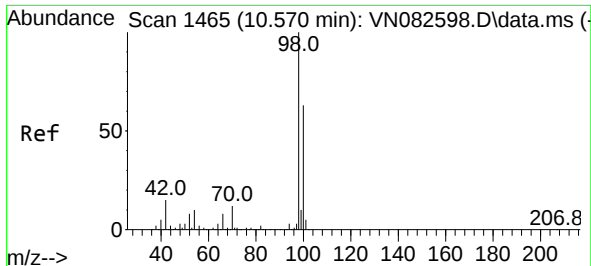
Ion Ratio Lower Upper

43 100

61 10.0 17.8 26.6#

87 6.1 8.2 12.2#

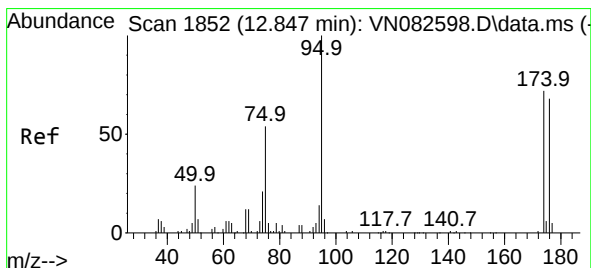
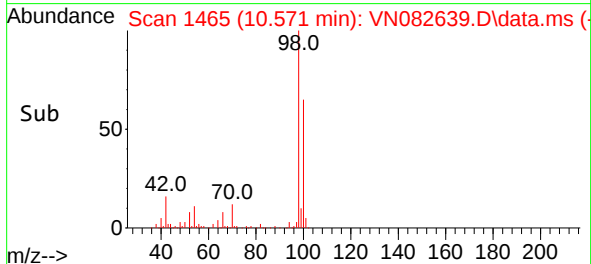
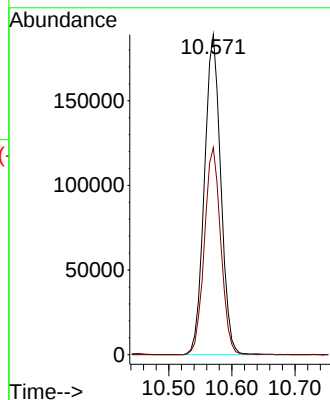
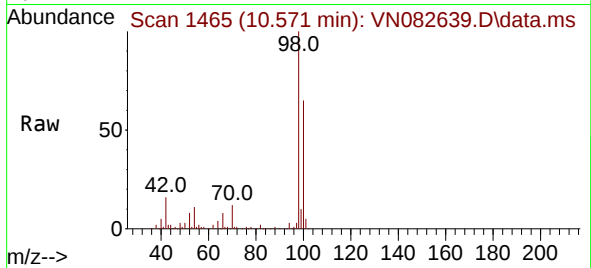




#50
Toluene-d8
Concen: 52.611 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082639.D
Acq: 19 Jun 2024 14:22

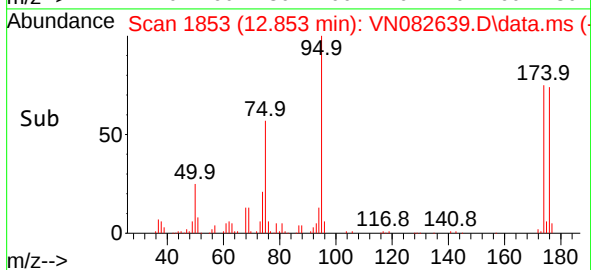
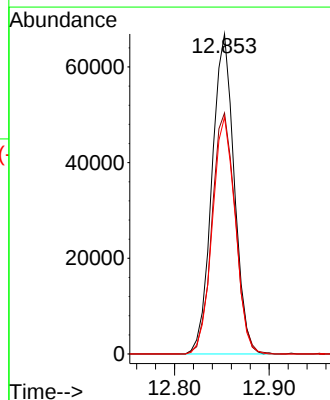
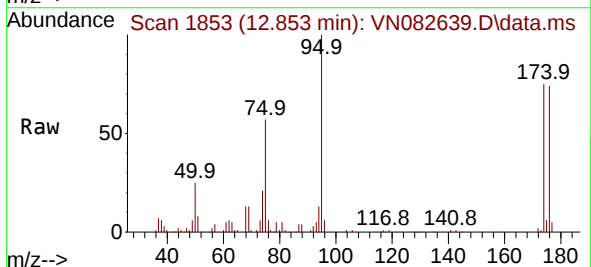
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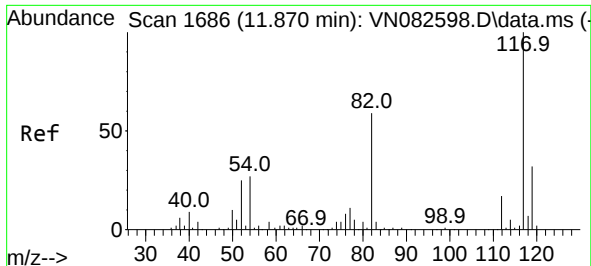
Tgt Ion: 98 Resp: 340485
Ion Ratio Lower Upper
98 100
100 64.8 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 48.912 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082639.D
Acq: 19 Jun 2024 14:22

Tgt Ion: 95 Resp: 109133
Ion Ratio Lower Upper
95 100
174 79.0 0.0 159.2
176 76.0 0.0 147.6

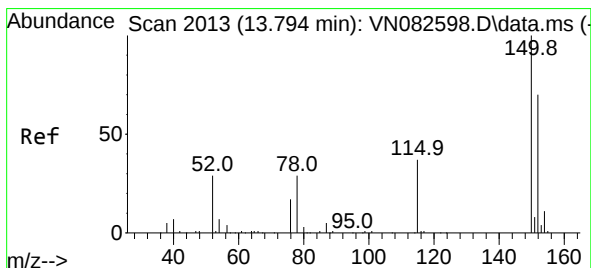
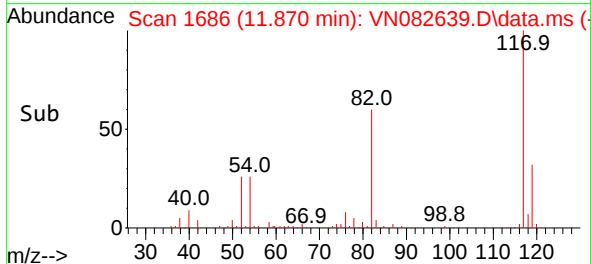
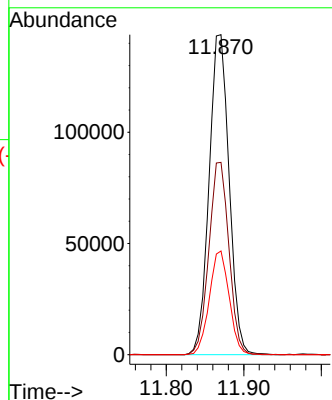
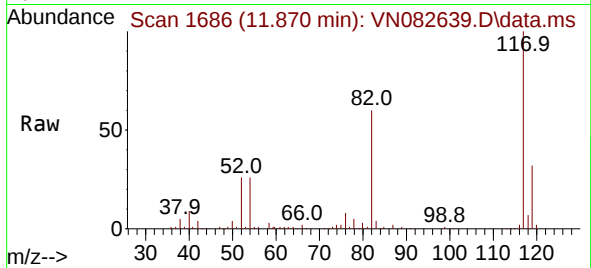




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082639.D
Acq: 19 Jun 2024 14:22

Instrument :
MSVOA_N
ClientSampleId :
PB161542ZHE#05

Tgt Ion:117 Resp: 258429
Ion Ratio Lower Upper
117 100
82 60.1 47.5 71.3
119 32.4 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: VN082639.D
Acq: 19 Jun 2024 14:22

Tgt Ion:152 Resp: 103172
Ion Ratio Lower Upper
152 100
115 60.6 30.6 91.6
150 156.9 0.0 348.6

