

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061924\
 Data File : VN082651.D
 Acq On : 19 Jun 2024 19:18
 Operator : JC\MD
 Sample : PB161587TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161587TB

Quant Time: Jun 20 03:06:01 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)

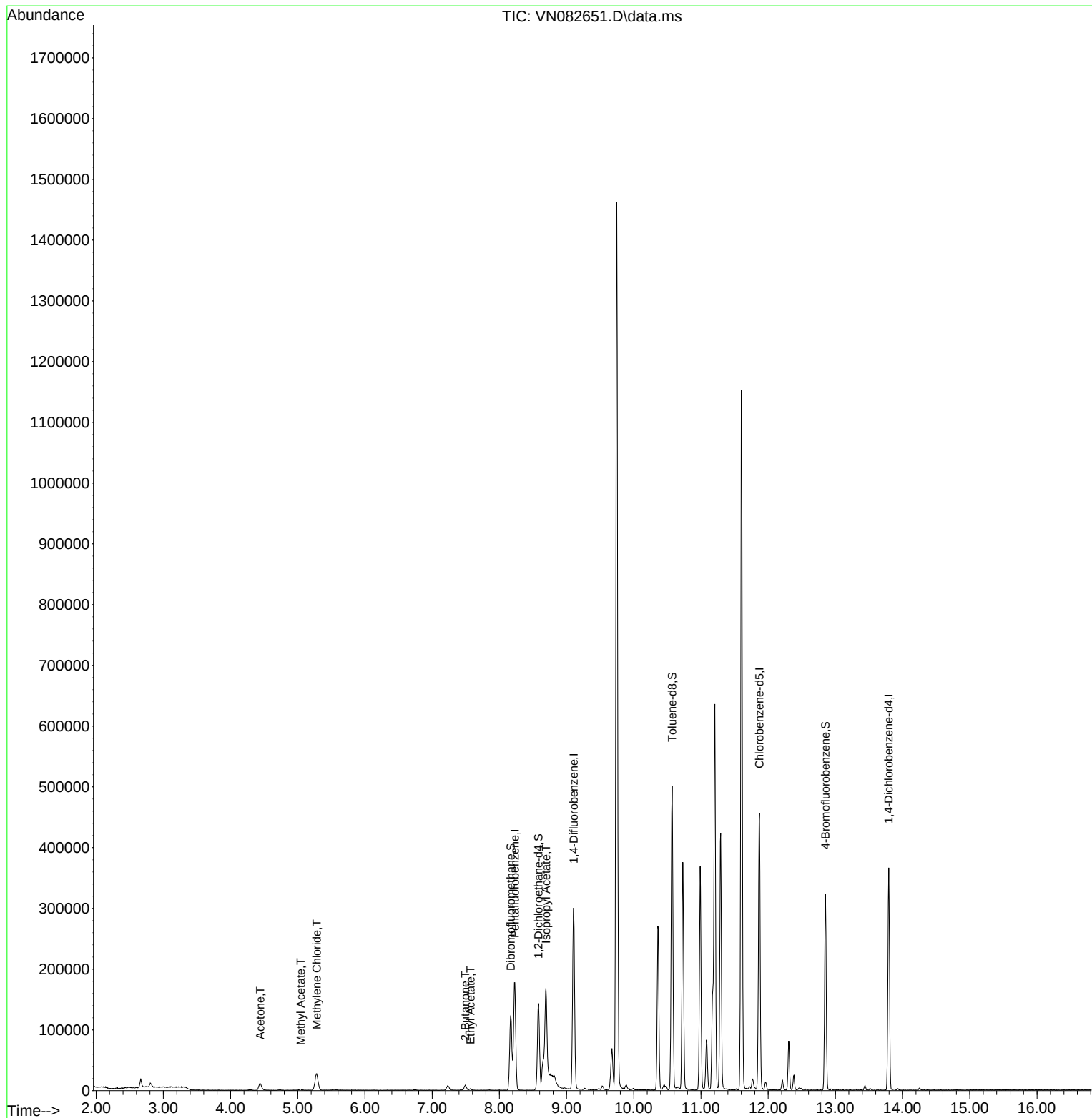
Internal Standards						
1) Pentafluorobenzene	8.230	168	125024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	240400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	245292	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	89764	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	116921	58.317	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 116.640%	
35) Dibromofluoromethane	8.171	113	86356	52.951	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.900%	
50) Toluene-d8	10.571	98	326055	52.868	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.740%	
62) 4-Bromofluorobenzene	12.853	95	100030	47.045	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 94.080%	
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	23049	25.278	ug/l	98
18) Methyl Acetate	5.047	43	3270	1.466	ug/l #	77
20) Methylene Chloride	5.283	84	19648	12.257	ug/l #	82
25) 2-Butanone	7.494	43	13943	10.758	ug/l	100
37) Ethyl Acetate	7.571	43	4044	1.302	ug/l #	88
43) Isopropyl Acetate	8.694	43	262802	45.282	ug/l #	80

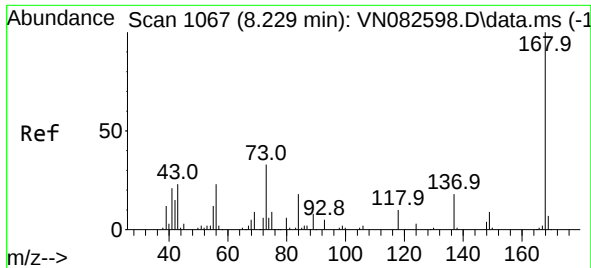
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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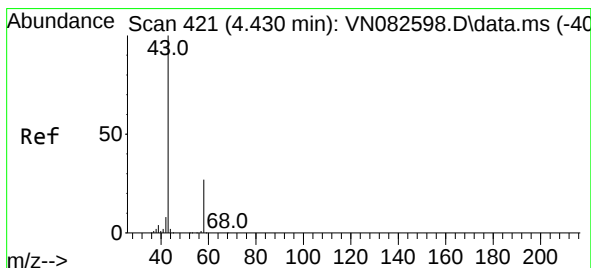
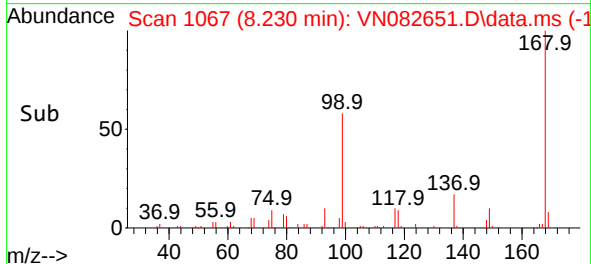
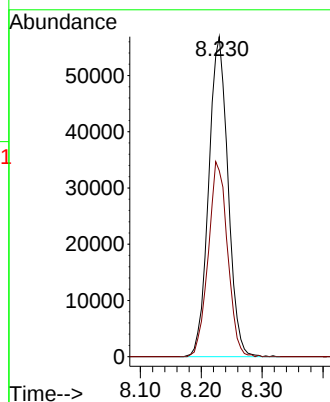
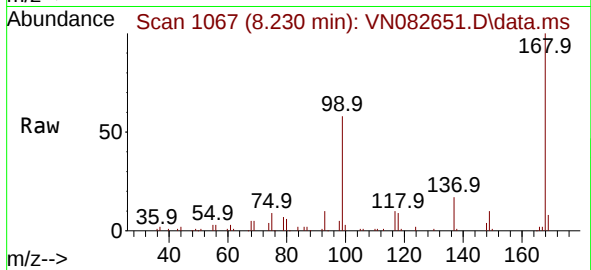




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082651.D
Acq: 19 Jun 2024 19:18

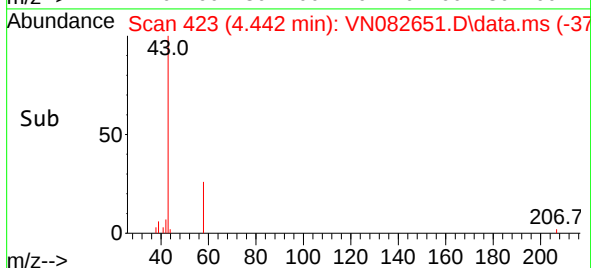
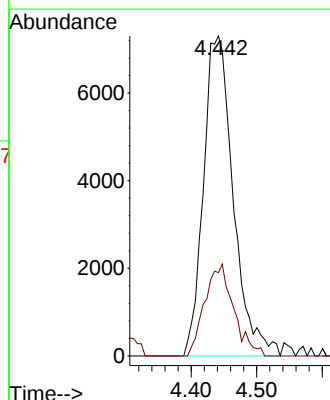
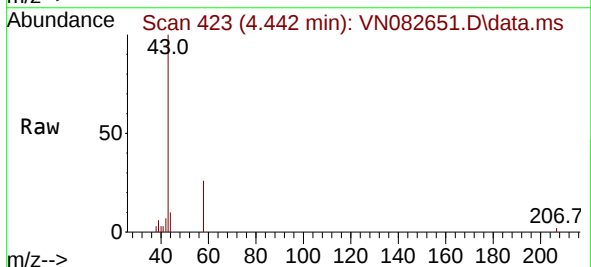
Instrument :
MSVOA_N
ClientSampleId :
PB161587TB

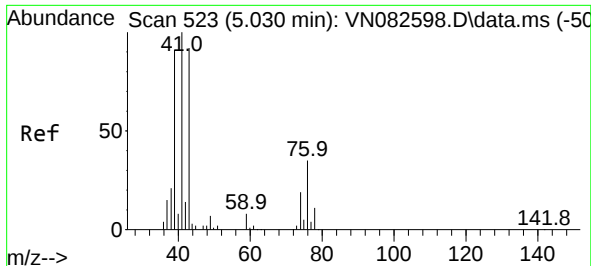
Tgt Ion:168 Resp: 125024
Ion Ratio Lower Upper
168 100
99 58.2 48.2 72.4



#16
Acetone
Concen: 25.278 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN082651.D
Acq: 19 Jun 2024 19:18

Tgt Ion: 43 Resp: 23049
Ion Ratio Lower Upper
43 100
58 26.0 21.8 32.6





#18

Methyl Acetate

Concen: 1.466 ug/l

RT: 5.047 min Scan# 51

Delta R.T. 0.018 min

Lab File: VN082651.D

Acq: 19 Jun 2024 19:18

Instrument :

MSVOA_N

ClientSampleId :

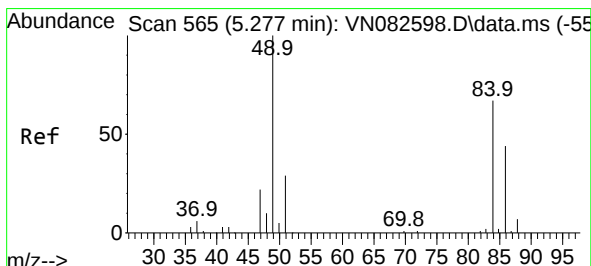
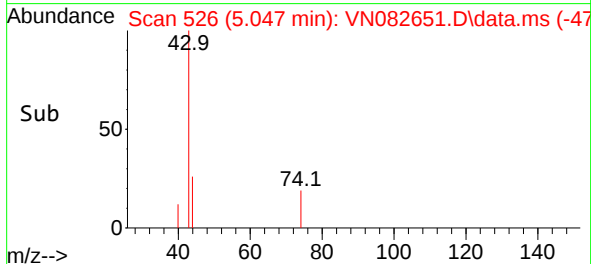
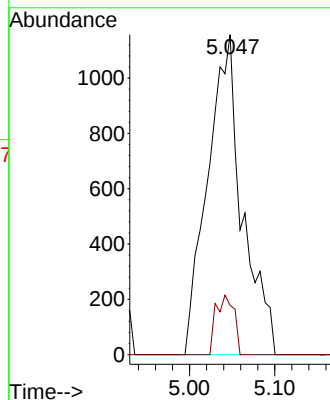
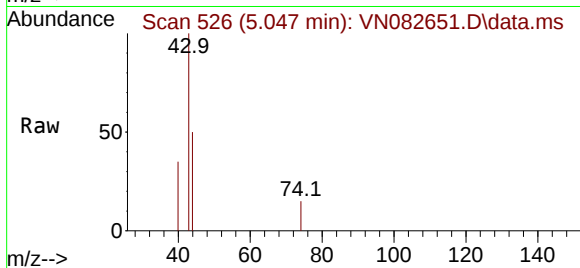
PB161587TB

Tgt Ion: 43 Resp: 3270

Ion Ratio Lower Upper

43 100

74 9.7 16.3 24.5#



#20

Methylene Chloride

Concen: 12.257 ug/l

RT: 5.283 min Scan# 566

Delta R.T. 0.006 min

Lab File: VN082651.D

Acq: 19 Jun 2024 19:18

Tgt Ion: 84 Resp: 19648

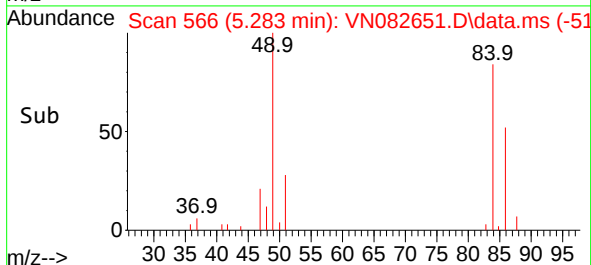
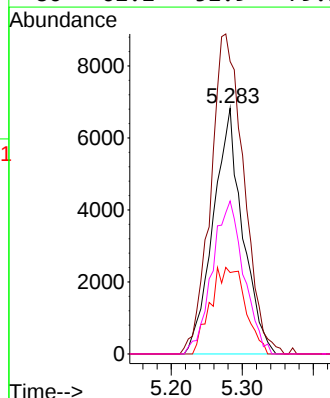
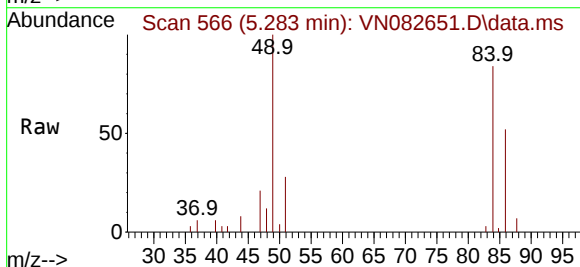
Ion Ratio Lower Upper

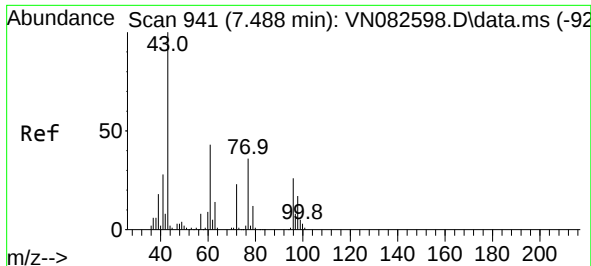
84 100

49 119.0 119.6 179.4#

51 33.1 34.8 52.2#

86 62.2 52.9 79.3

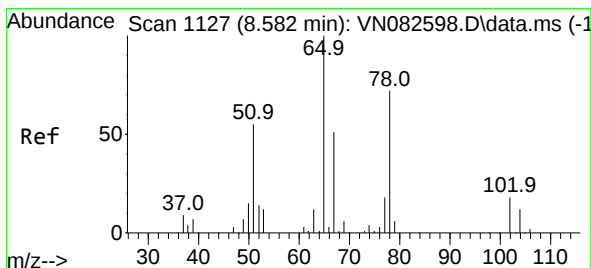
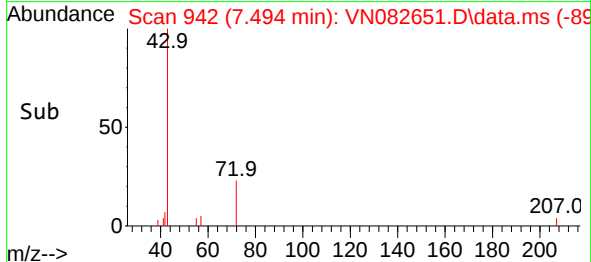
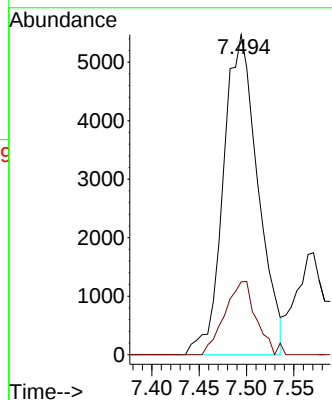
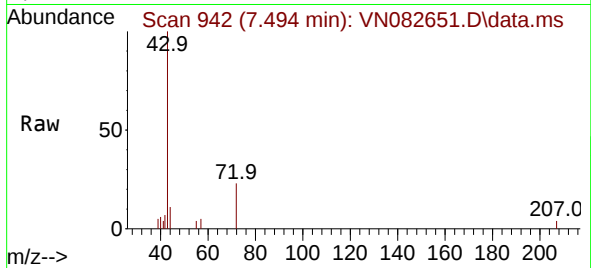




#25
2-Butanone
Concen: 10.758 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082651.D
Acq: 19 Jun 2024 19:18

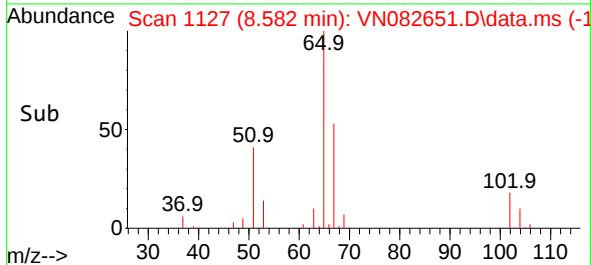
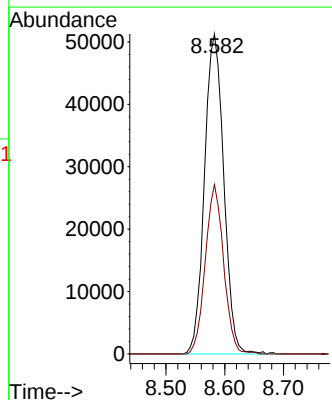
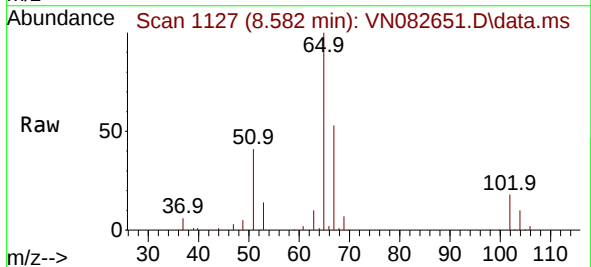
Instrument :
MSVOA_N
ClientSampleId :
PB161587TB

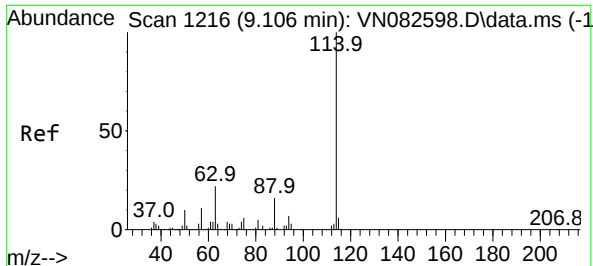
Tgt Ion: 43 Resp: 13943
Ion Ratio Lower Upper
43 100
72 22.7 18.2 27.2



#33
1,2-Dichloroethane-d4
Concen: 58.317 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082651.D
Acq: 19 Jun 2024 19:18

Tgt Ion: 65 Resp: 116921
Ion Ratio Lower Upper
65 100
67 50.3 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 111

Delta R.T. 0.000 min

Lab File: VN082651.D

Acq: 19 Jun 2024 19:18

Instrument :

MSVOA_N

ClientSampleId :

PB161587TB

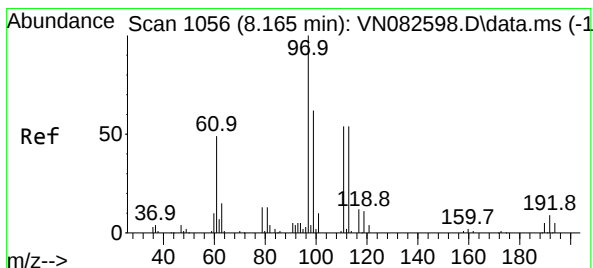
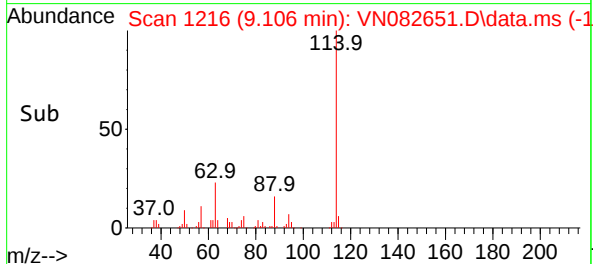
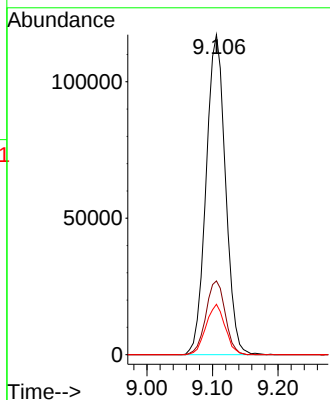
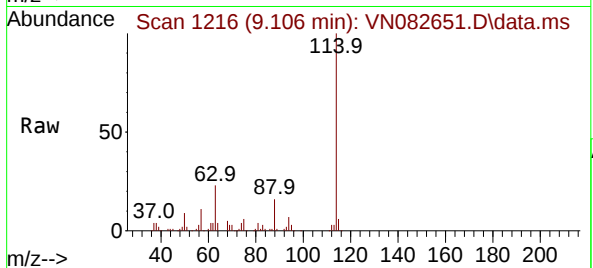
Tgt Ion:114 Resp: 240400

Ion Ratio Lower Upper

114 100

63 23.1 0.0 44.6

88 15.7 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.951 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082651.D

Acq: 19 Jun 2024 19:18

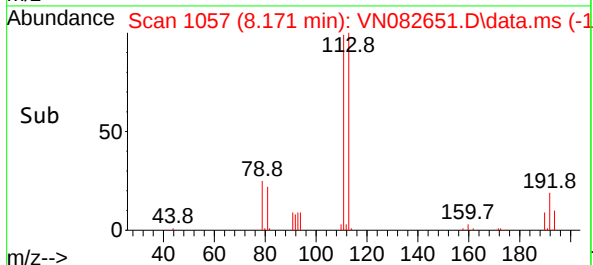
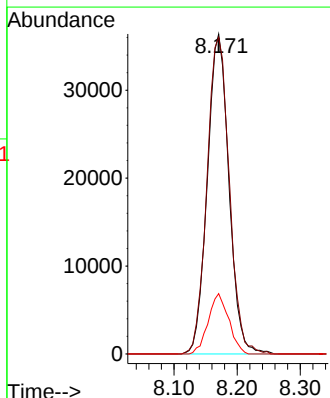
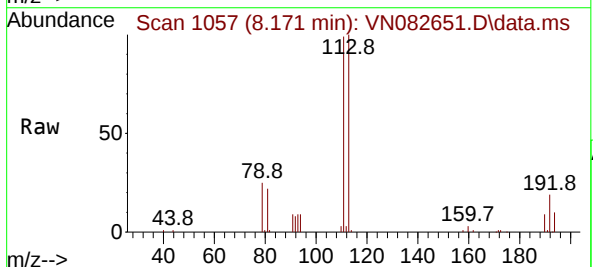
Tgt Ion:113 Resp: 86356

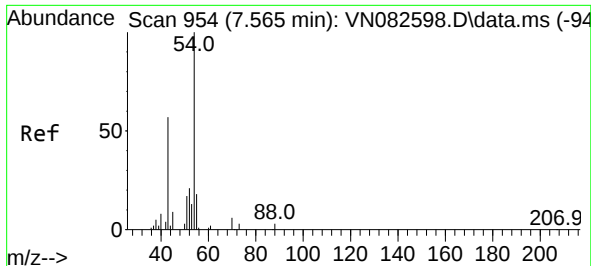
Ion Ratio Lower Upper

113 100

111 102.4 82.4 123.6

192 18.0 14.9 22.3





#37

Ethyl Acetate

Concen: 1.302 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN082651.D

Acq: 19 Jun 2024 19:18

Instrument :

MSVOA_N

ClientSampleId :

PB161587TB

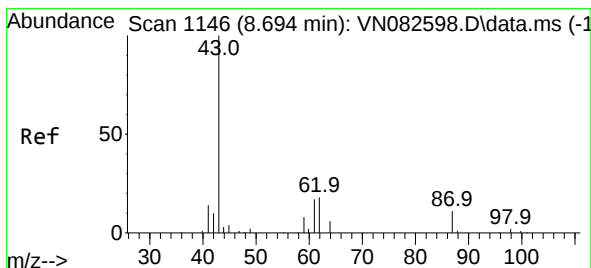
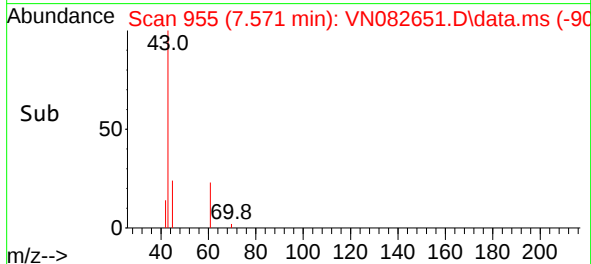
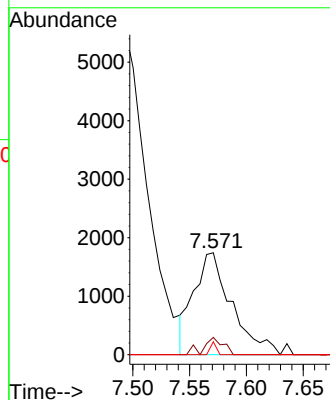
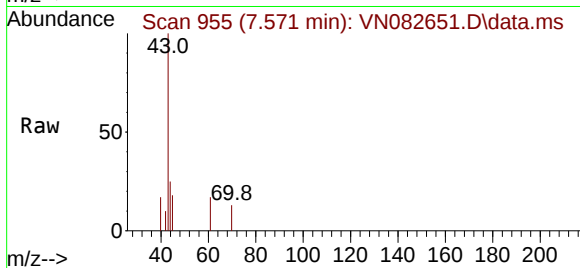
Tgt Ion: 43 Resp: 4044

Ion Ratio Lower Upper

43 100

61 8.8 9.3 13.9#

70 2.0 7.0 10.6#



#43

Isopropyl Acetate

Concen: 45.282 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN082651.D

Acq: 19 Jun 2024 19:18

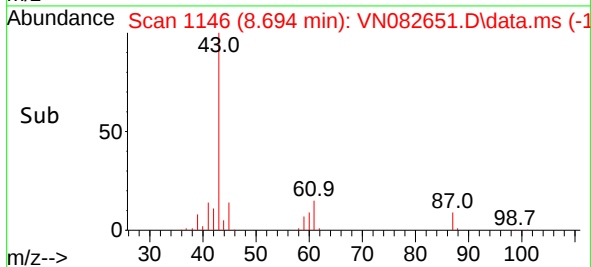
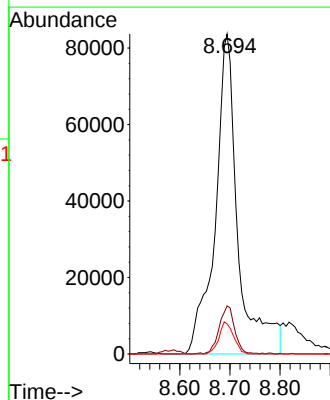
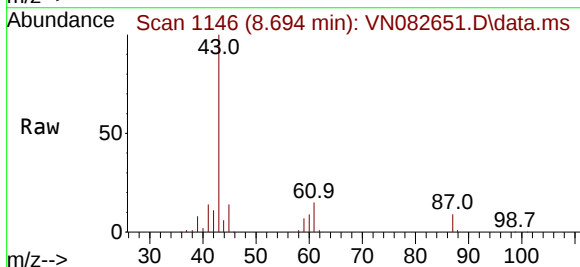
Tgt Ion: 43 Resp: 262802

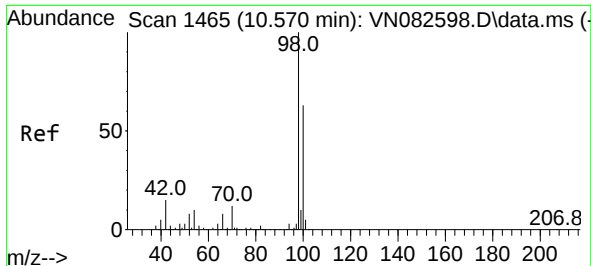
Ion Ratio Lower Upper

43 100

61 10.3 17.8 26.6#

87 6.4 8.2 12.2#

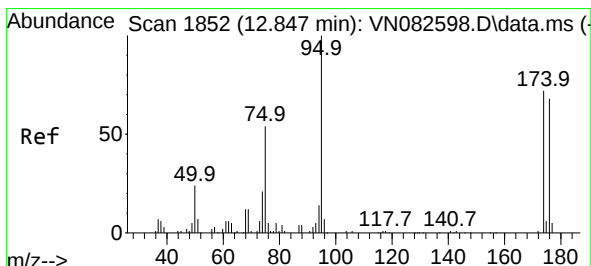
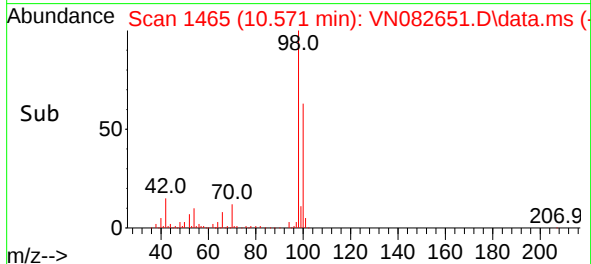
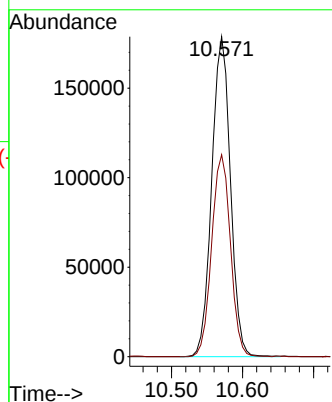
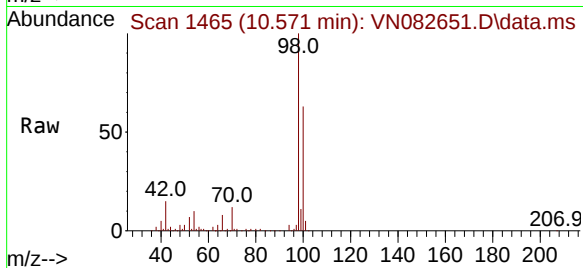




#50
Toluene-d8
Concen: 52.868 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082651.D
Acq: 19 Jun 2024 19:18

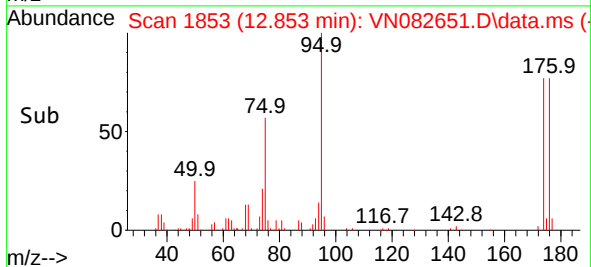
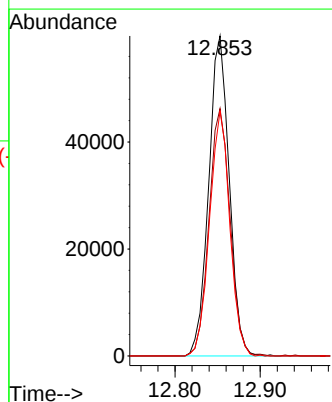
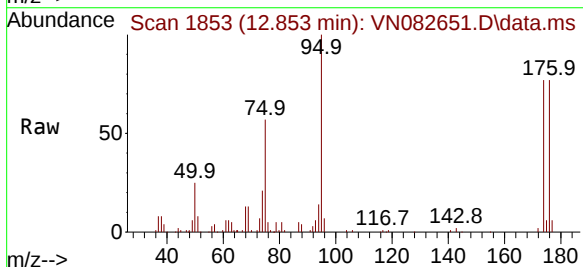
Instrument :
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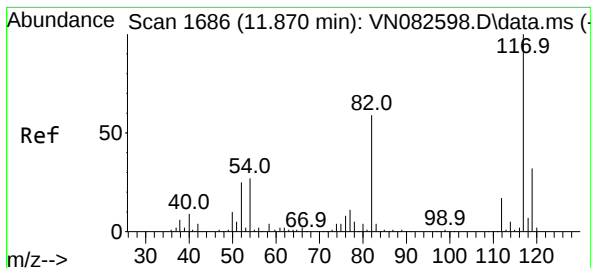
Tgt Ion: 98 Resp: 326055
Ion Ratio Lower Upper
98 100
100 63.4 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 47.045 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082651.D
Acq: 19 Jun 2024 19:18

Tgt Ion: 95 Resp: 100030
Ion Ratio Lower Upper
95 100
174 79.6 0.0 159.2
176 75.5 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082651.D

Acq: 19 Jun 2024 19:18

Instrument :

MSVOA_N

ClientSampleId :

PB161587TB

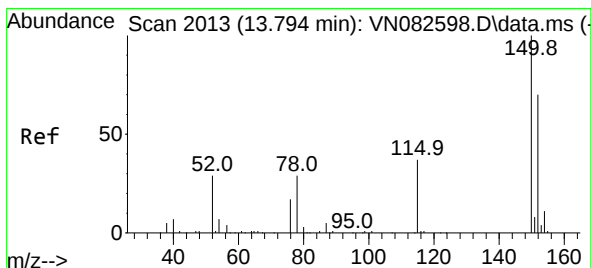
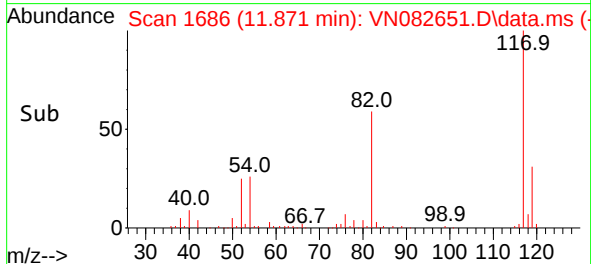
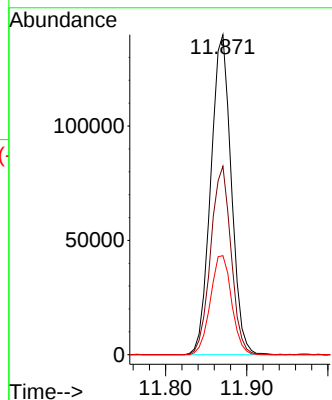
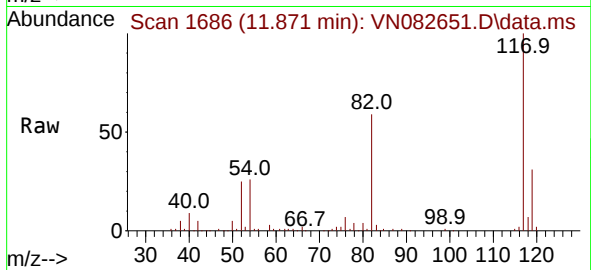
Tgt Ion:117 Resp: 245292

Ion Ratio Lower Upper

117 100

82 58.9 47.5 71.3

119 31.0 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: VN082651.D

Acq: 19 Jun 2024 19:18

Tgt Ion:152 Resp: 89764

Ion Ratio Lower Upper

152 100

115 60.8 30.6 91.6

150 162.9 0.0 348.6

