

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061924\
 Data File : VN082637.D
 Acq On : 19 Jun 2024 13:33
 Operator : JC\MD
 Sample : PB161542ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161542ZHE#03

Quant Time: Jun 20 03:00:11 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)

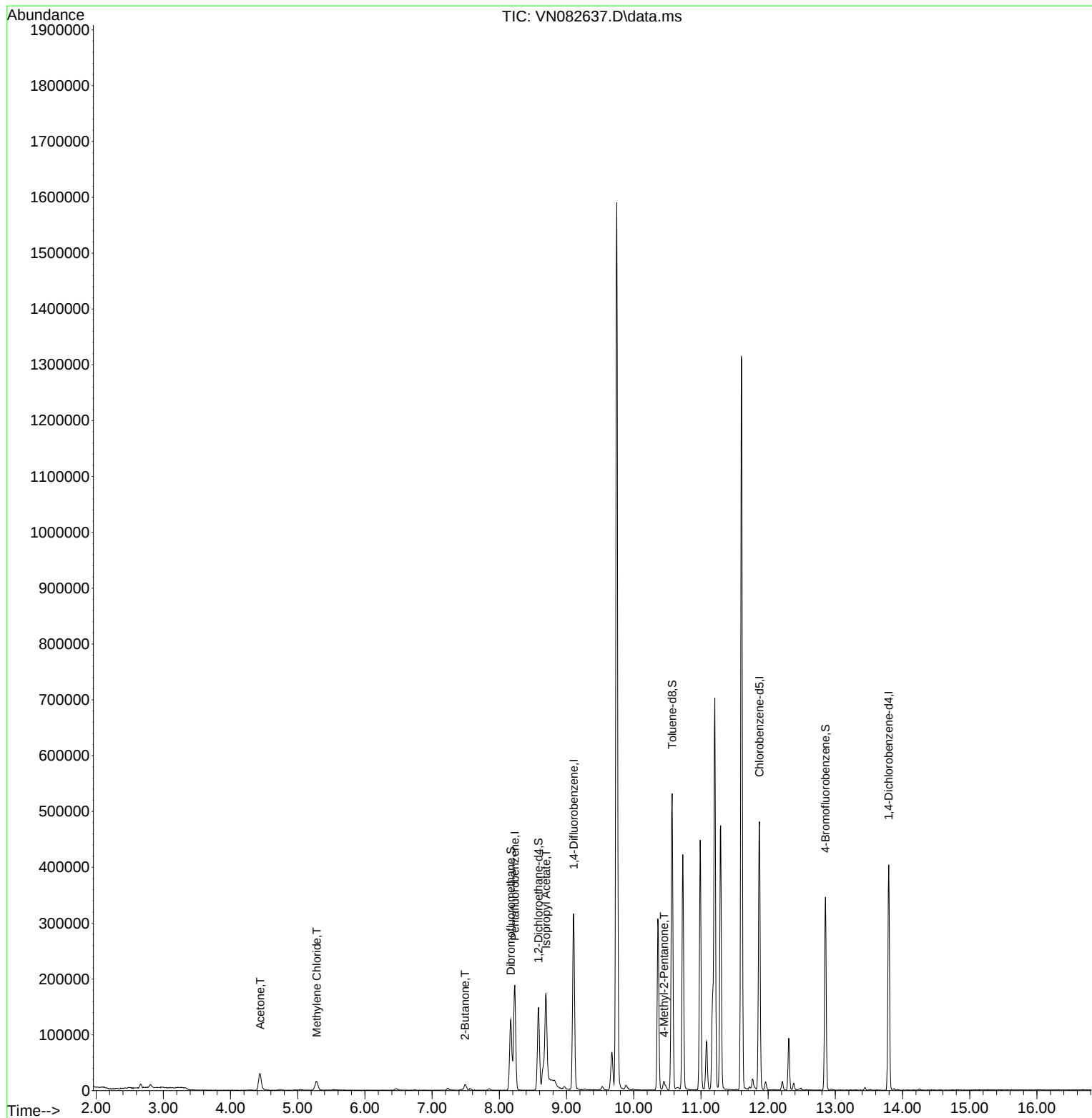
Internal Standards						
1) Pentafluorobenzene	8.230	168	129565	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	247496	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	259494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	101460	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	118489	57.028	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.060%	
35) Dibromofluoromethane	8.171	113	89555	53.339	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.680%	
50) Toluene-d8	10.571	98	334811	52.732	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.460%	
62) 4-Bromofluorobenzene	12.853	95	109220	49.894	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 99.780%	
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	59182	62.631	ug/l	98
20) Methylene Chloride	5.283	84	11740	7.067	ug/l	95
25) 2-Butanone	7.489	43	17122	12.748	ug/l	98
43) Isopropyl Acetate	8.694	43	251739	42.132	ug/l #	82
51) 4-Methyl-2-Pentanone	10.453	43	15996	5.220	ug/l #	79

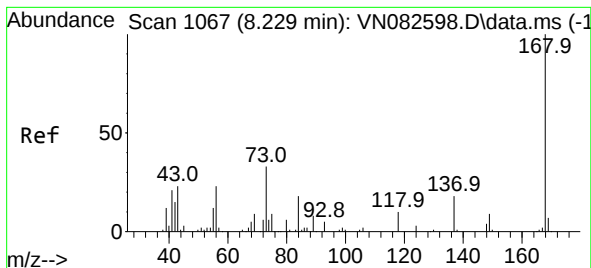
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061924\
Data File : VN082637.D
Acq On : 19 Jun 2024 13:33
Operator : JC\MD
Sample : PB161542ZHE#03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB161542ZHE#03

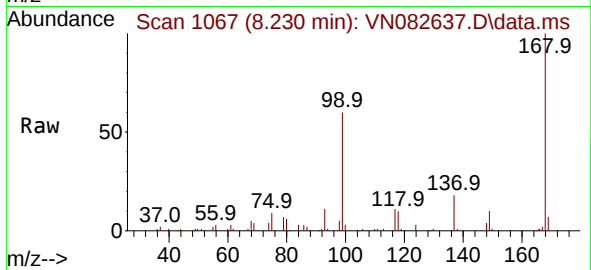
Quant Time: Jun 20 03:00:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 18 04:52:44 2024
Response via : Initial Calibration



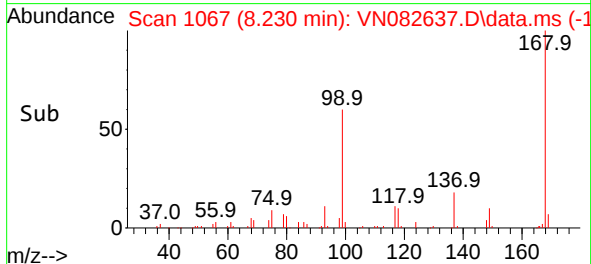
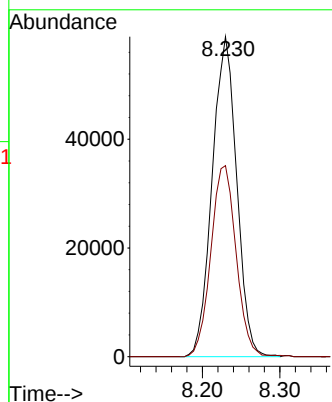


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082637.D
Acq: 19 Jun 2024 13:33

Instrument :
MSVOA_N
ClientSampleId :
PB161542ZHE#03

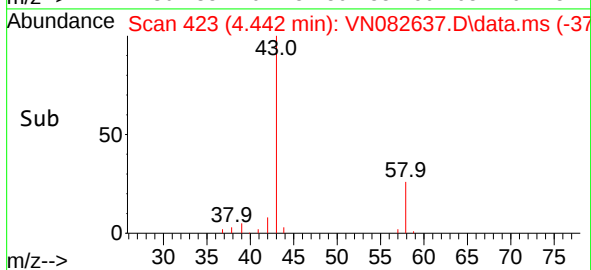
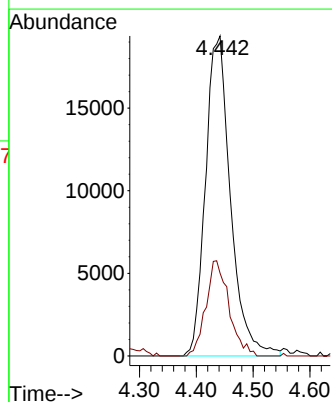
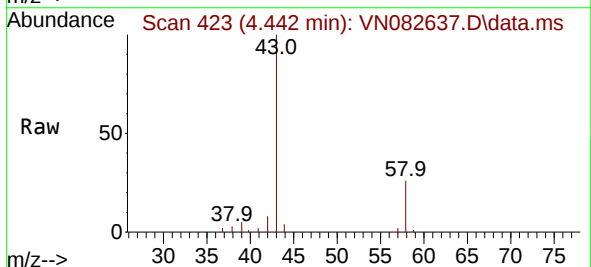


Tgt Ion:168 Resp: 129565
Ion Ratio Lower Upper
168 100
99 59.7 48.2 72.4



#16
Acetone
Concen: 62.631 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN082637.D
Acq: 19 Jun 2024 13:33

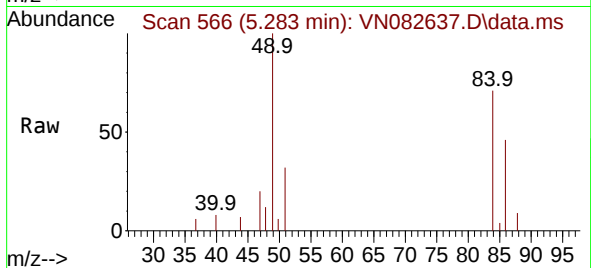
Tgt Ion: 43 Resp: 59182
Ion Ratio Lower Upper
43 100
58 25.9 21.8 32.6



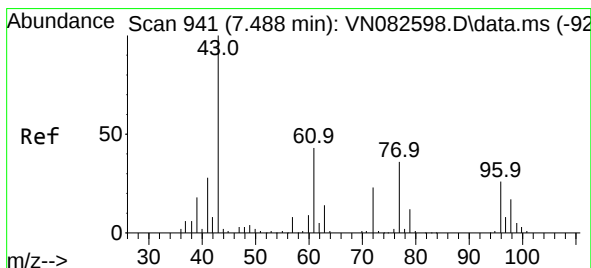
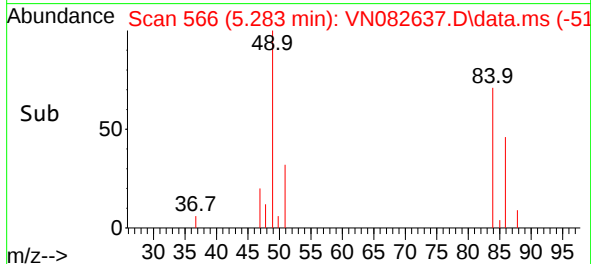
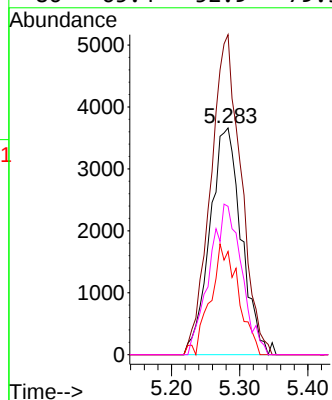


#20
Methylene Chloride
Concen: 7.067 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082637.D
Acq: 19 Jun 2024 13:33

Instrument :
MSVOA_N
ClientSampleId :
PB161542ZHE#03

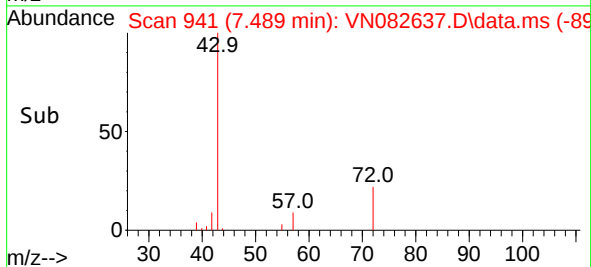
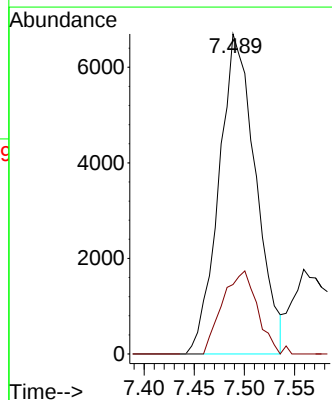
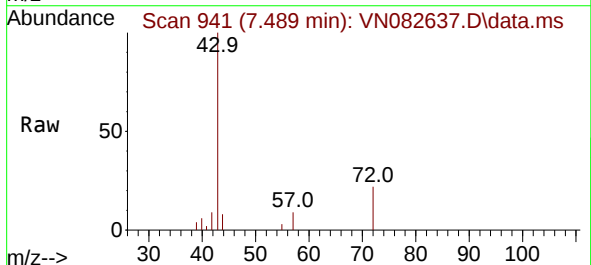


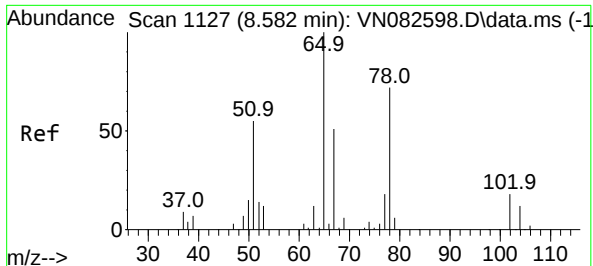
Tgt Ion:	84	Resp:	11740
Ion	Ratio	Lower	Upper
84	100		
49	141.1	119.6	179.4
51	45.5	34.8	52.2
86	65.4	52.9	79.3



#25
2-Butanone
Concen: 12.748 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082637.D
Acq: 19 Jun 2024 13:33

Tgt Ion:	43	Resp:	17122
Ion	Ratio	Lower	Upper
43	100		
72	21.7	18.2	27.2





#33

1,2-Dichloroethane-d4

Concen: 57.028 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN082637.D

Acq: 19 Jun 2024 13:33

Instrument :

MSVOA_N

ClientSampleId :

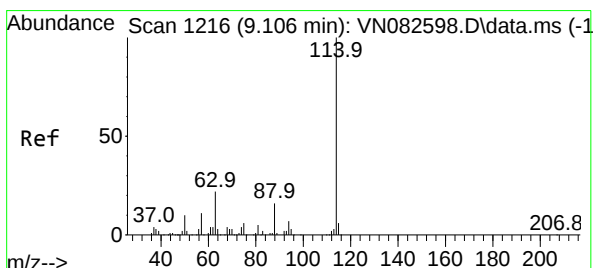
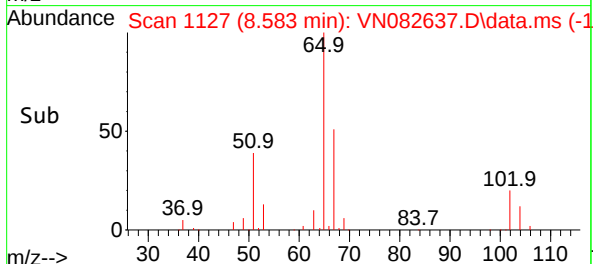
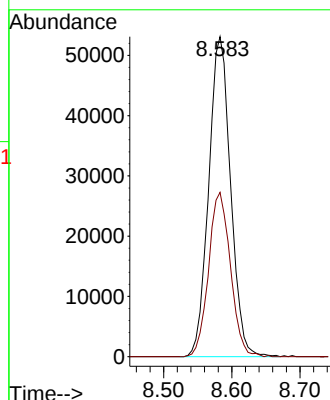
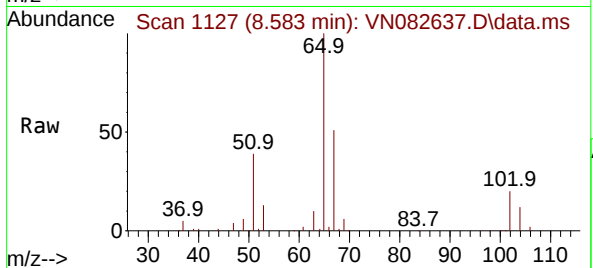
PB161542ZHE#03

Tgt Ion: 65 Resp: 118489

Ion Ratio Lower Upper

65 100

67 51.4 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: VN082637.D

Acq: 19 Jun 2024 13:33

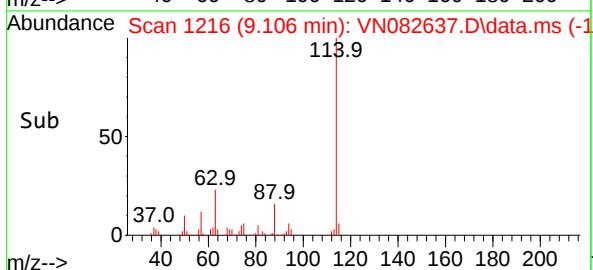
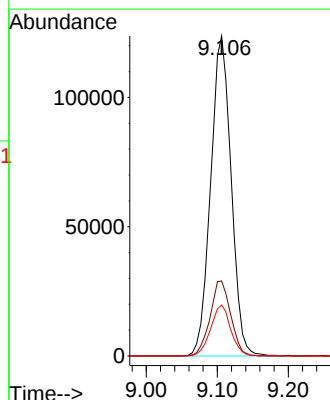
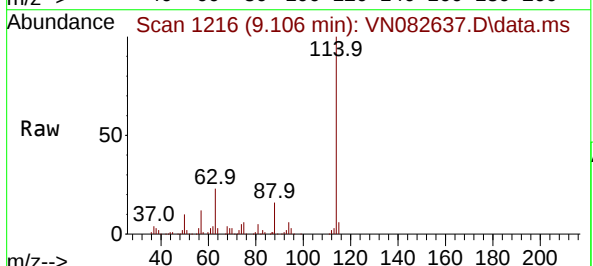
Tgt Ion: 114 Resp: 247496

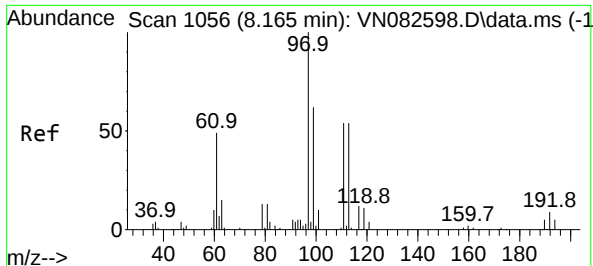
Ion Ratio Lower Upper

114 100

63 23.5 0.0 44.6

88 15.9 0.0 31.4





#35

Dibromofluoromethane

Concen: 53.339 ug/l

RT: 8.171 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VN082637.D

Acq: 19 Jun 2024 13:33

Instrument :

MSVOA_N

ClientSampleId :

PB161542ZHE#03

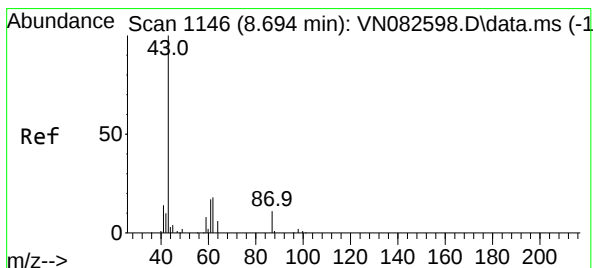
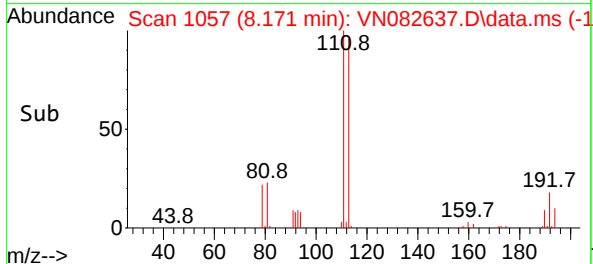
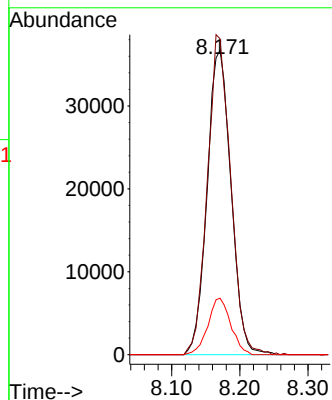
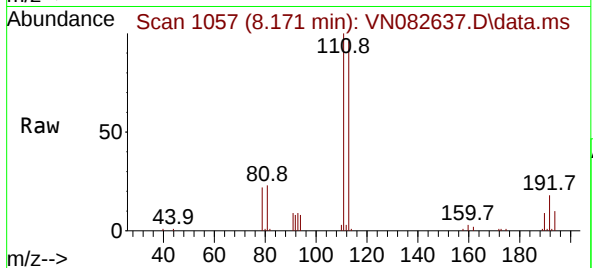
Tgt Ion:113 Resp: 89555

Ion Ratio Lower Upper

113 100

111 102.3 82.4 123.6

192 17.7 14.9 22.3



#43

Isopropyl Acetate

Concen: 42.132 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN082637.D

Acq: 19 Jun 2024 13:33

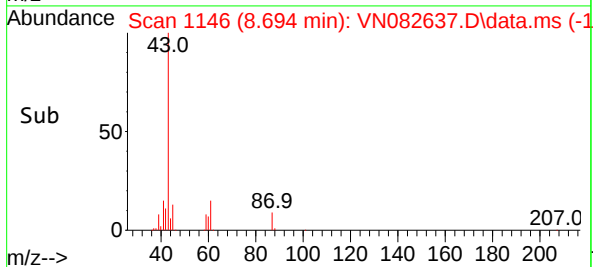
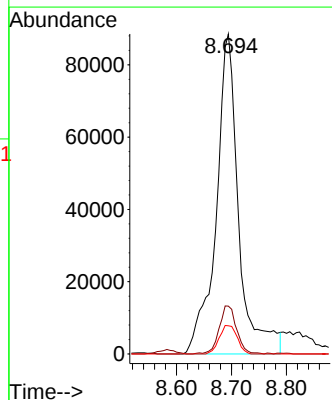
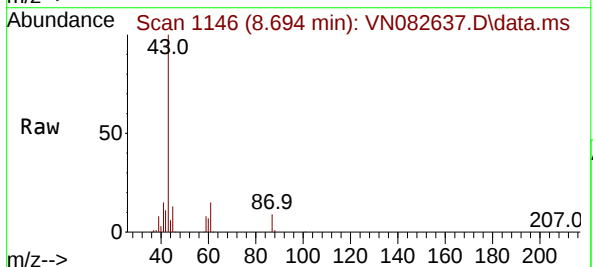
Tgt Ion: 43 Resp: 251739

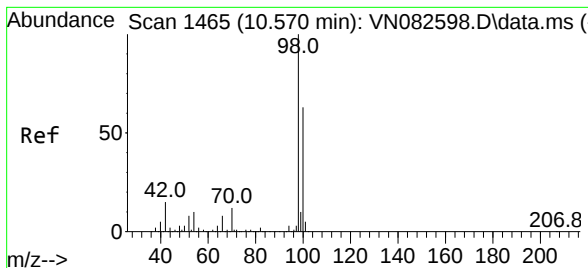
Ion Ratio Lower Upper

43 100

61 11.6 17.8 26.6#

87 7.1 8.2 12.2#

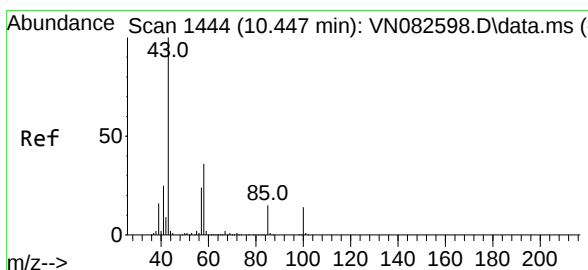
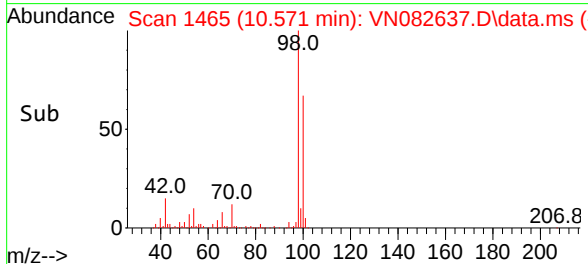
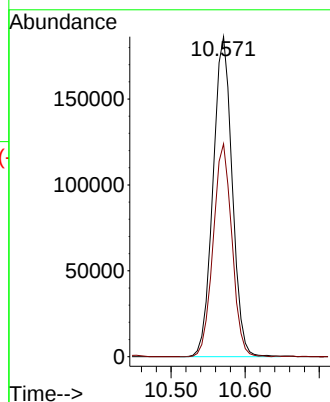
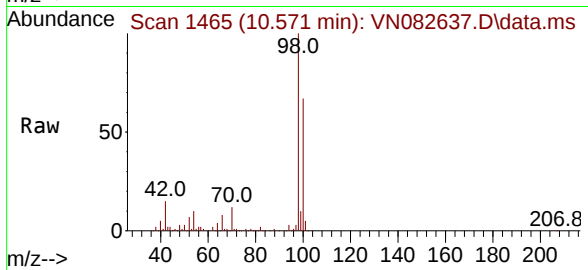




#50
Toluene-d8
Concen: 52.732 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082637.D
Acq: 19 Jun 2024 13:33

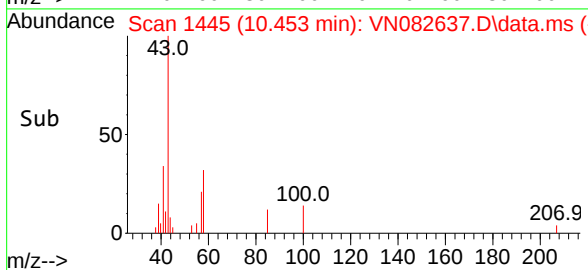
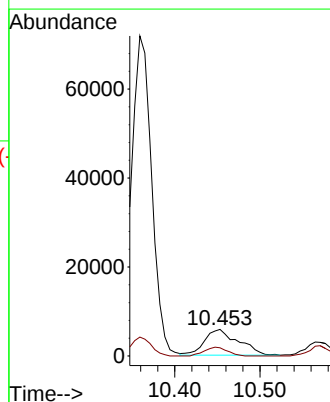
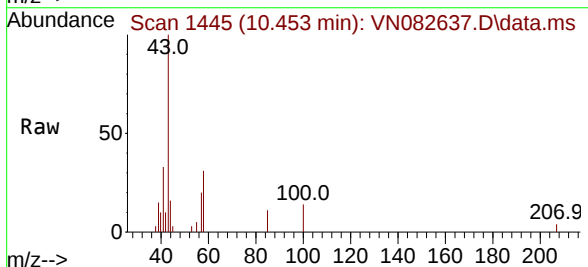
Instrument :
MSVOA_N
ClientSampleId :
PB161542ZHE#03

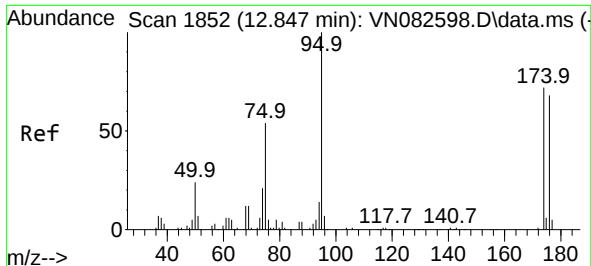
Tgt Ion: 98 Resp: 334811
Ion Ratio Lower Upper
98 100
100 64.9 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 5.220 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN082637.D
Acq: 19 Jun 2024 13:33

Tgt Ion: 43 Resp: 15996
Ion Ratio Lower Upper
43 100
58 23.0 28.2 42.4#

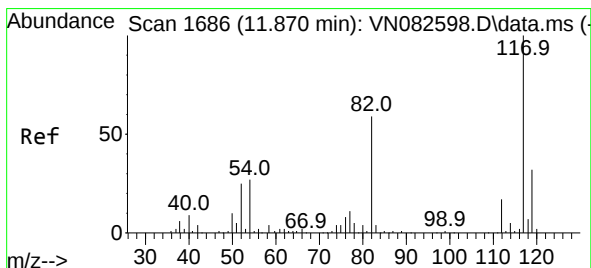
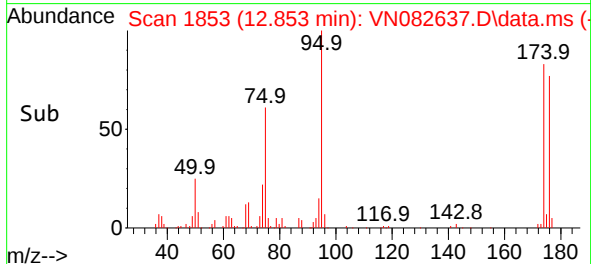
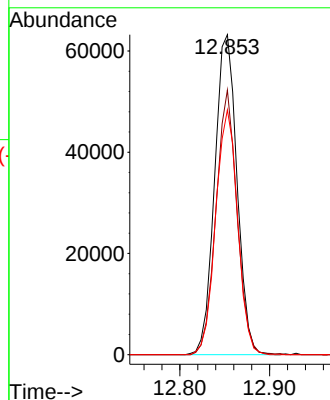
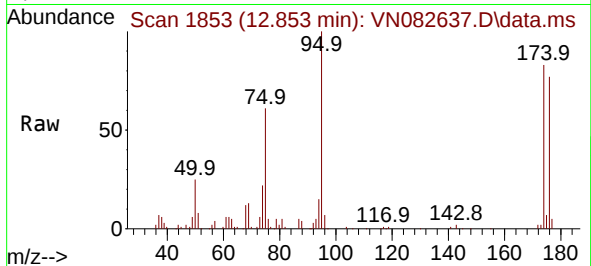




#62
4-Bromofluorobenzene
Concen: 49.894 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082637.D
Acq: 19 Jun 2024 13:33

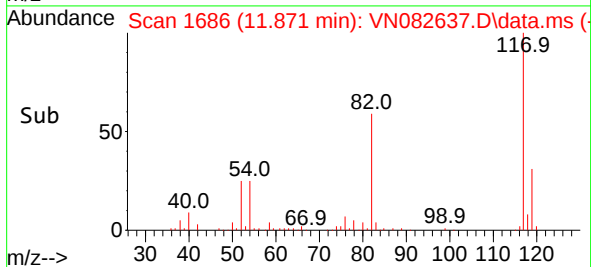
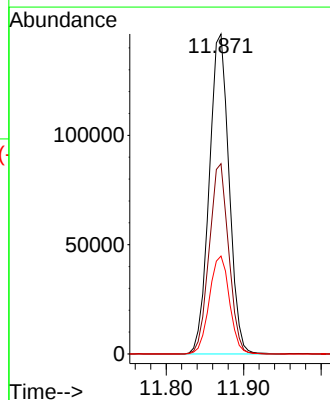
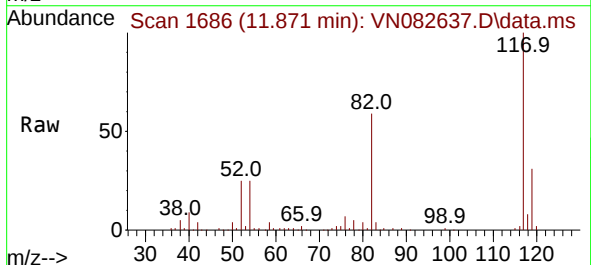
Instrument :
MSVOA_N
ClientSampleId :
PB161542ZHE#03

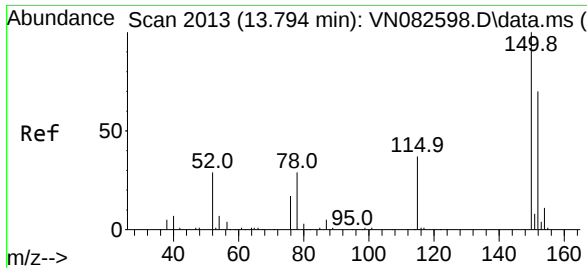
Tgt Ion: 95 Resp: 109220
Ion Ratio Lower Upper
95 100
174 78.0 0.0 159.2
176 75.3 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN082637.D
Acq: 19 Jun 2024 13:33

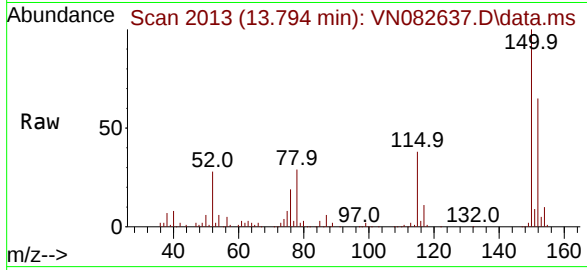
Tgt Ion: 117 Resp: 259494
Ion Ratio Lower Upper
117 100
82 59.5 47.5 71.3
119 30.6 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN082637.D
 Acq: 19 Jun 2024 13:33

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161542ZHE#03



Tgt Ion:152 Resp: 101460
 Ion Ratio Lower Upper
 152 100
 115 61.6 30.6 91.6
 150 156.9 0.0 348.6

