

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060324\
 Data File : VN082437.D
 Acq On : 03 Jun 2024 16:25
 Operator : JC\MD
 Sample : PB161254ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161254ZHE#04

Quant Time: Jun 04 00:31:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

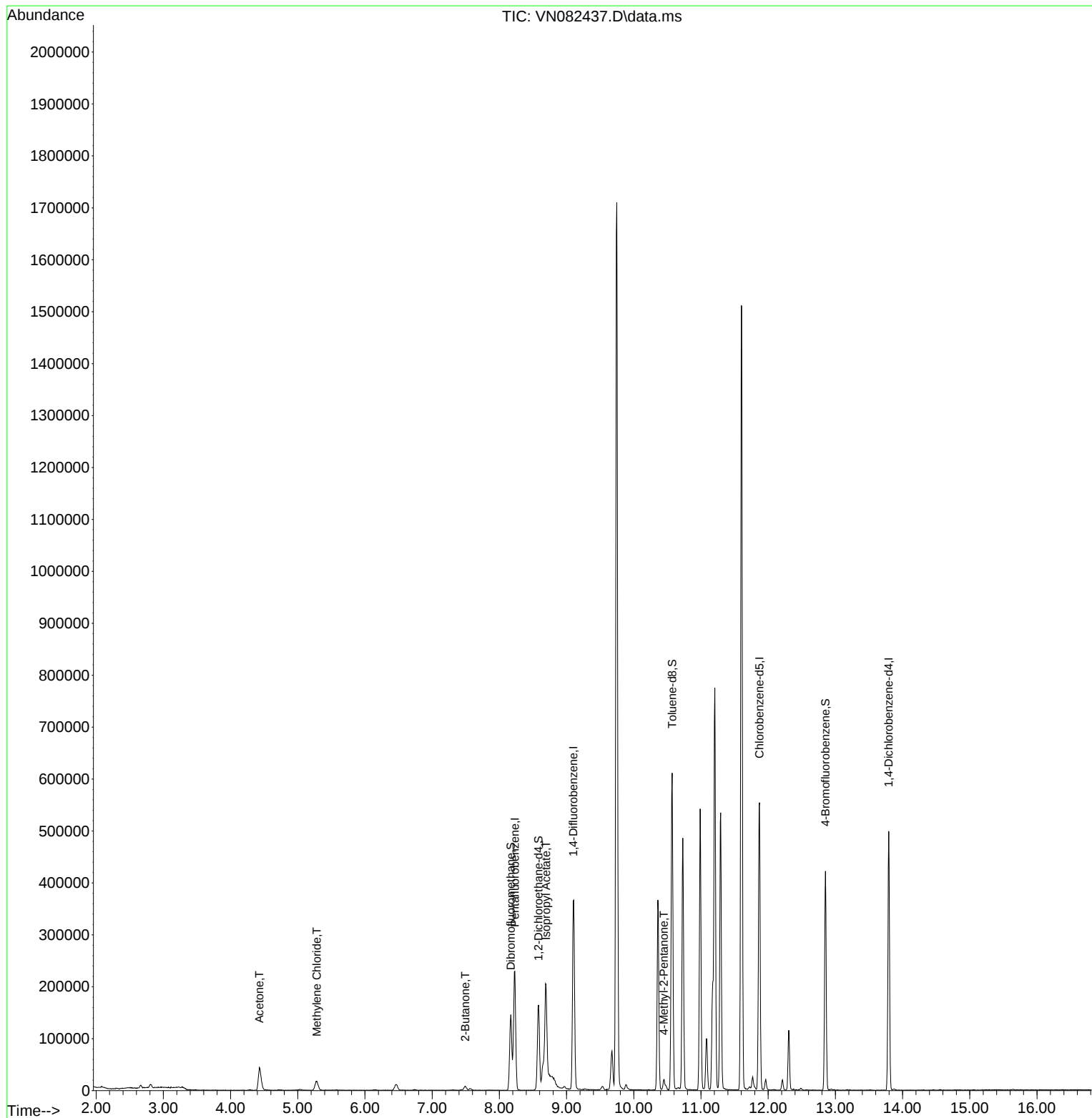
Internal Standards						
1) Pentafluorobenzene	8.230	168	157845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	295963	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	292650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	120678	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	136505	54.768	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.540%	
35) Dibromofluoromethane	8.171	113	98845	54.292	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.580%	
50) Toluene-d8	10.571	98	387168	55.467	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.940%	
62) 4-Bromofluorobenzene	12.853	95	134258	53.889	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 107.780%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	84816	82.955	ug/l	96
20) Methylene Chloride	5.283	84	13219	6.408	ug/l #	87
25) 2-Butanone	7.494	43	13858	8.940	ug/l #	80
43) Isopropyl Acetate	8.694	43	299988	49.543	ug/l #	72
51) 4-Methyl-2-Pentanone	10.447	43	20247	5.885	ug/l #	71

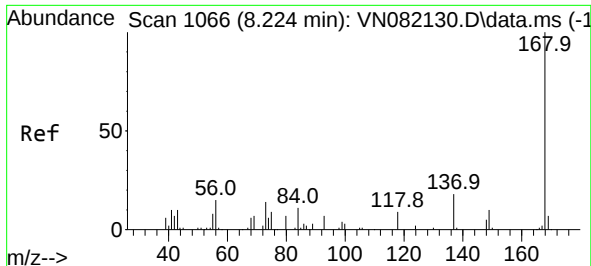
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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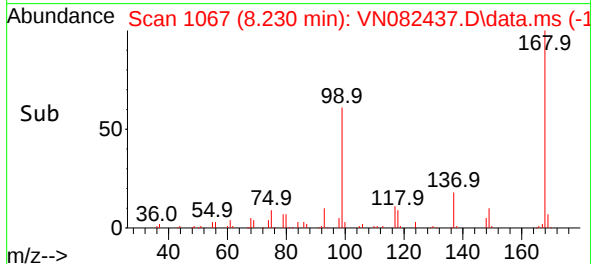
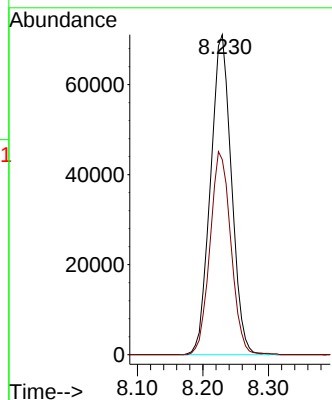
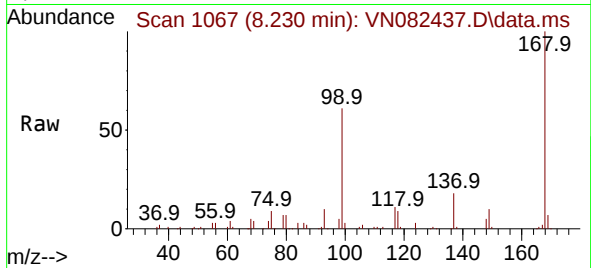




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082437.D
Acq: 03 Jun 2024 16:25

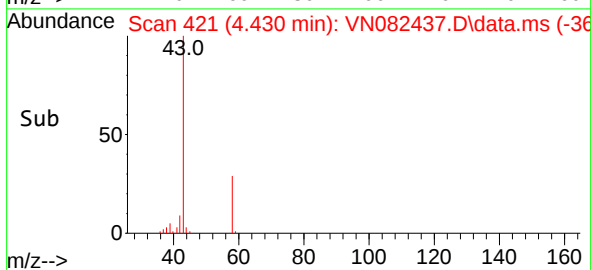
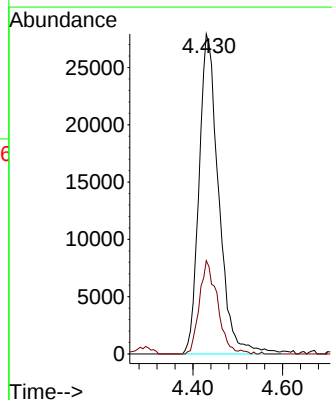
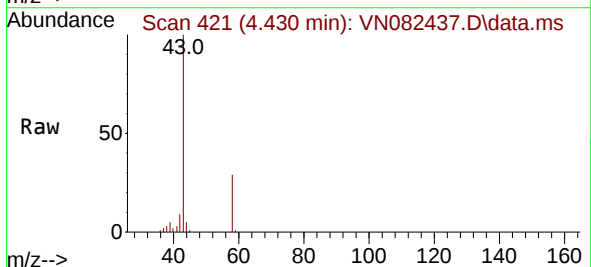
Instrument :
MSVOA_N
ClientSampleId :
PB161254ZHE#04

Tgt Ion:168 Resp: 157845
Ion Ratio Lower Upper
168 100
99 60.9 48.2 72.4



#16
Acetone
Concen: 82.955 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082437.D
Acq: 03 Jun 2024 16:25

Tgt Ion: 43 Resp: 84816
Ion Ratio Lower Upper
43 100
58 29.1 25.2 37.8

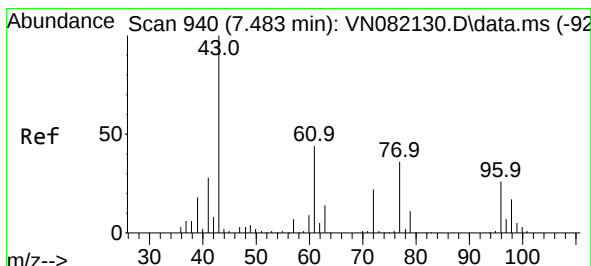
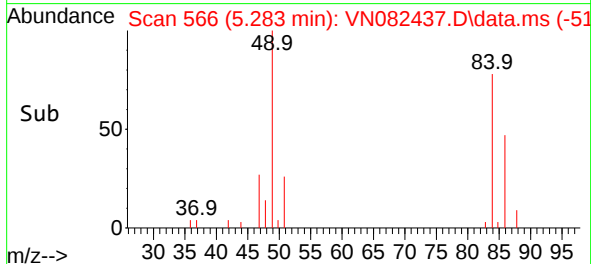
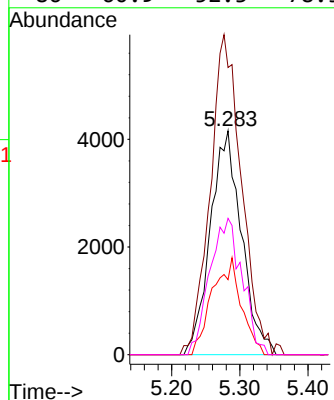
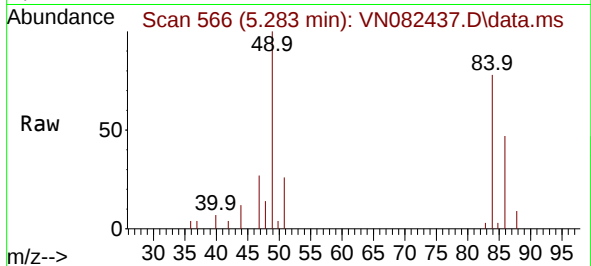




#20
Methylene Chloride
Concen: 6.408 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082437.D
Acq: 03 Jun 2024 16:25

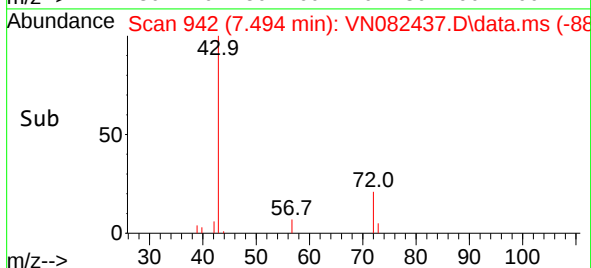
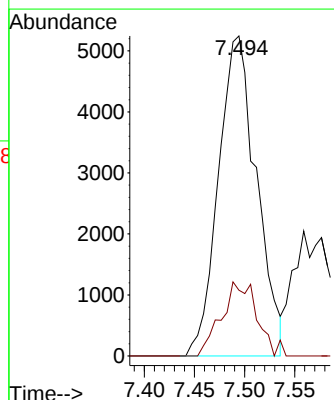
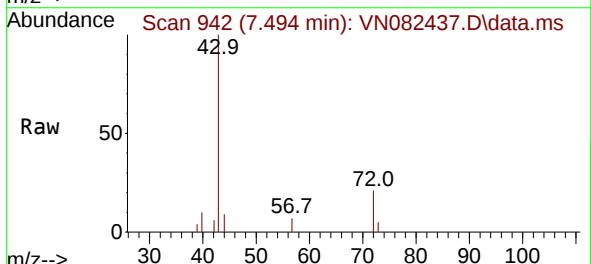
Instrument :
MSVOA_N
ClientSampleId :
PB161254ZHE#04

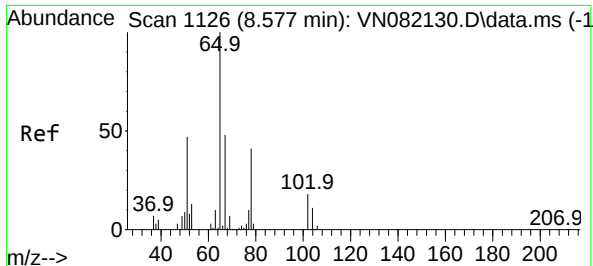
Tgt Ion: 84	Resp: 13219
Ion Ratio	Lower Upper
84 100	
49 128.3	84.9 127.3#
51 33.5	27.0 40.6
86 60.9	52.3 78.5



#25
2-Butanone
Concen: 8.940 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN082437.D
Acq: 03 Jun 2024 16:25

Tgt Ion: 43	Resp: 13858
Ion Ratio	Lower Upper
43 100	
72 20.6	25.3 37.9#





#33

1,2-Dichloroethane-d4

Concen: 54.768 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082437.D

Acq: 03 Jun 2024 16:25

Instrument :

MSVOA_N

ClientSampleId :

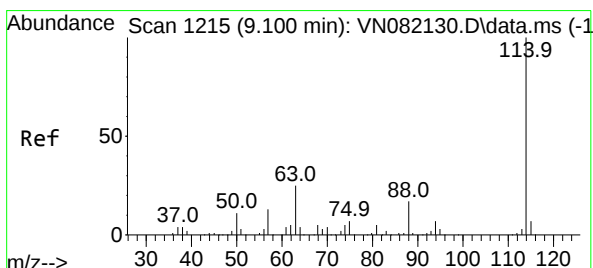
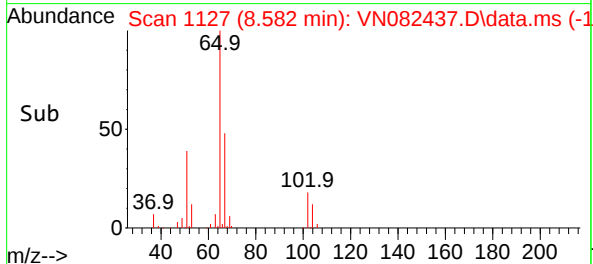
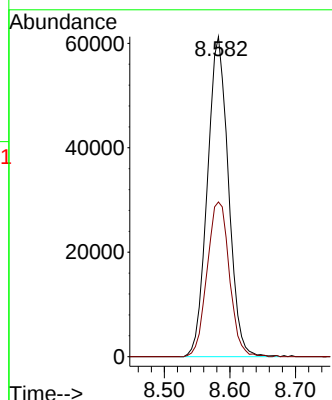
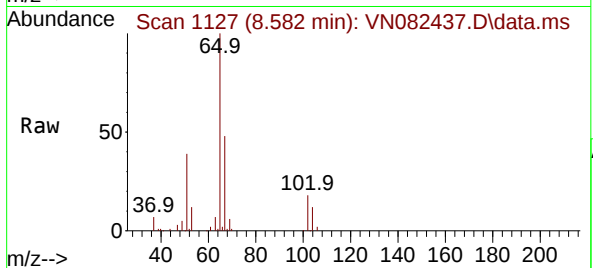
PB161254ZHE#04

Tgt Ion: 65 Resp: 136505

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN082437.D

Acq: 03 Jun 2024 16:25

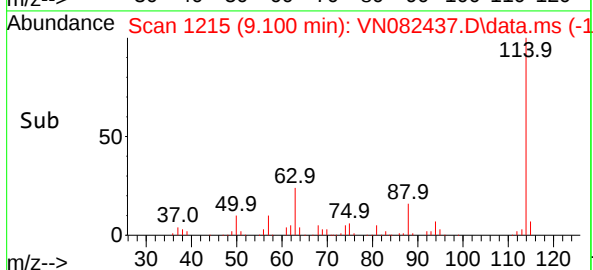
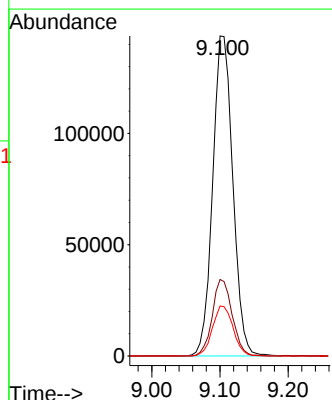
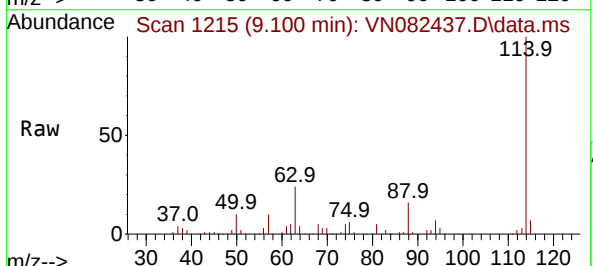
Tgt Ion: 114 Resp: 295963

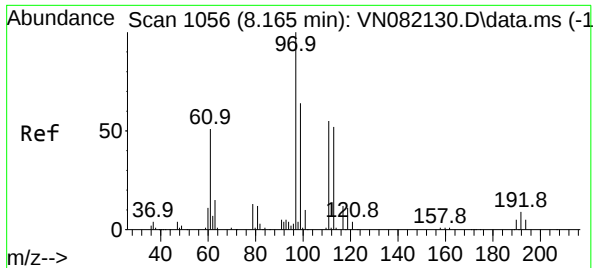
Ion Ratio Lower Upper

114 100

63 23.9 0.0 41.0

88 15.6 0.0 31.4

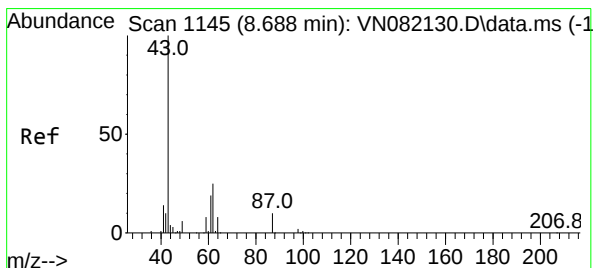
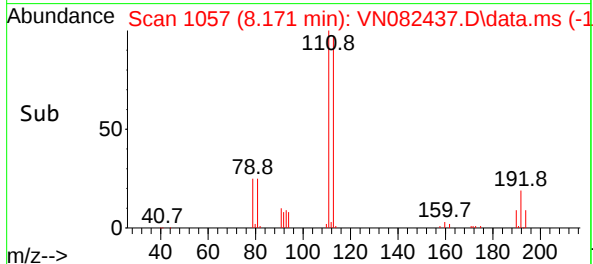
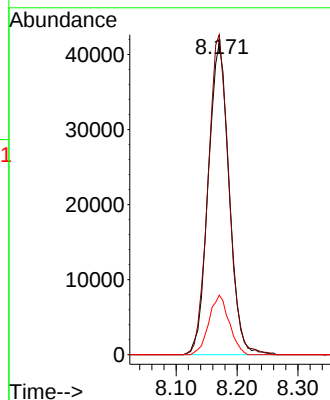
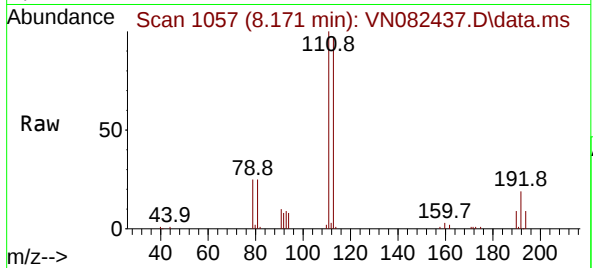




#35
Dibromofluoromethane
Concen: 54.292 ug/l
RT: 8.171 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VN082437.D
Acq: 03 Jun 2024 16:25

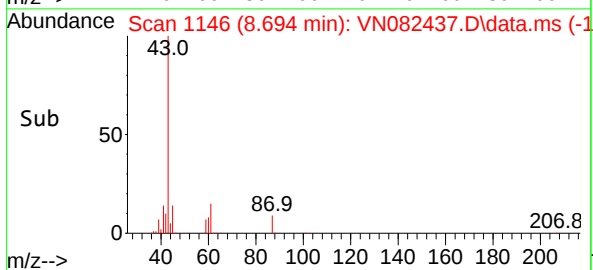
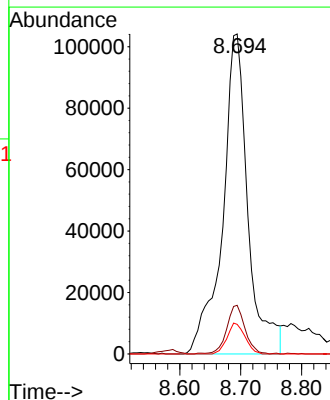
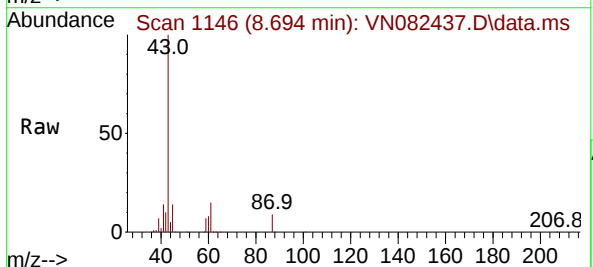
Instrument :
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ClientSampleId :
PB161254ZHE#04

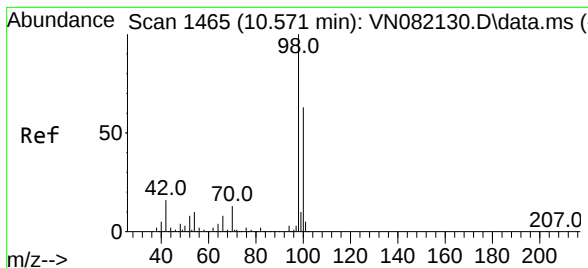
Tgt Ion:113 Resp: 98845
Ion Ratio Lower Upper
113 100
111 102.1 83.4 125.2
192 18.5 14.0 21.0



#43
Isopropyl Acetate
Concen: 49.543 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN082437.D
Acq: 03 Jun 2024 16:25

Tgt Ion: 43 Resp: 299988
Ion Ratio Lower Upper
43 100
61 11.1 22.8 34.2#
87 6.8 12.0 18.0#

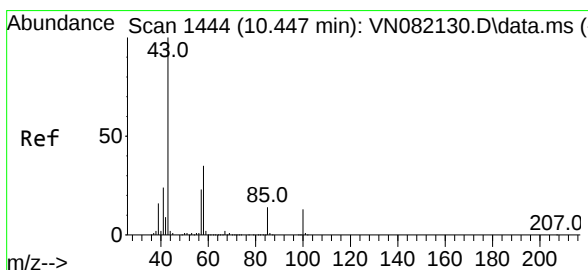
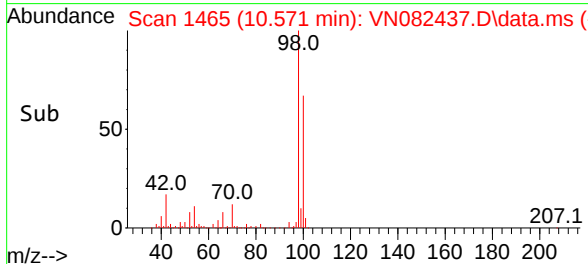
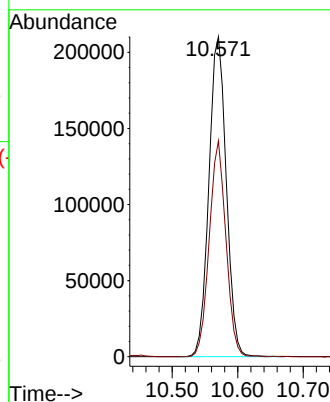
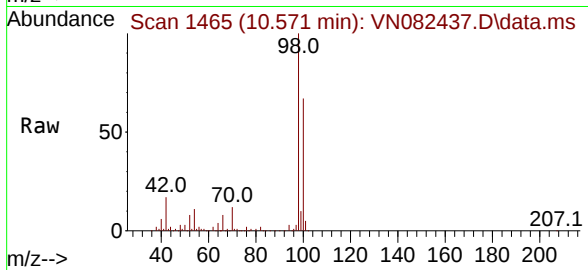




#50
Toluene-d8
Concen: 55.467 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082437.D
Acq: 03 Jun 2024 16:25

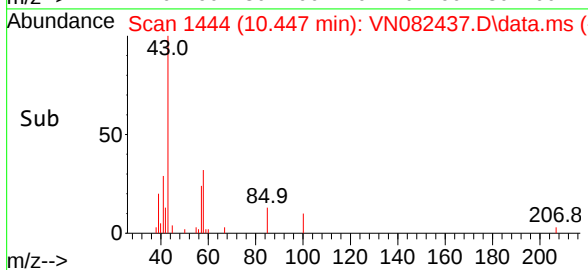
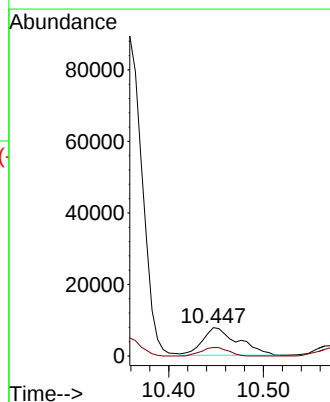
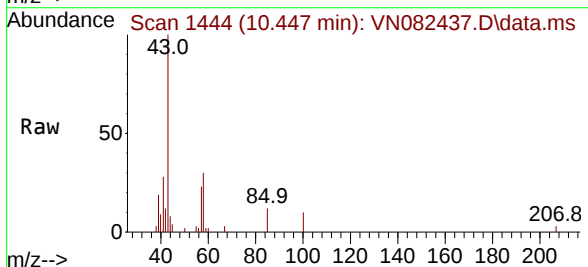
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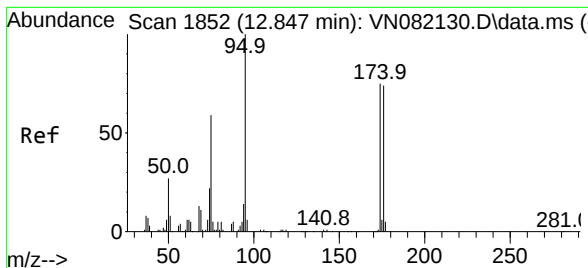
Tgt Ion: 98 Resp: 387168
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 5.885 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082437.D
Acq: 03 Jun 2024 16:25

Tgt Ion: 43 Resp: 20247
Ion Ratio Lower Upper
43 100
58 23.0 33.2 49.8#

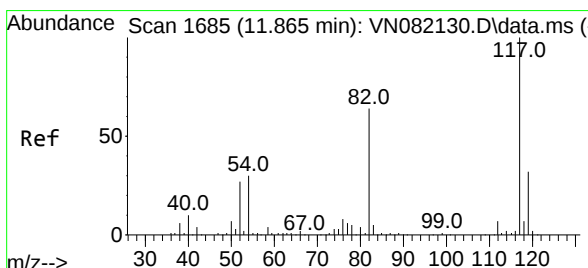
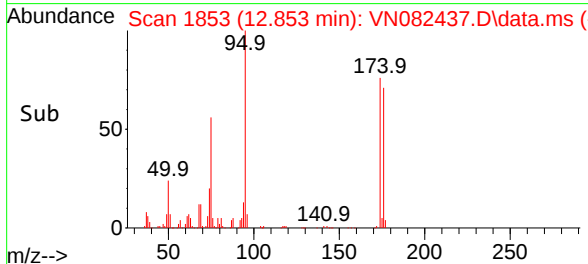
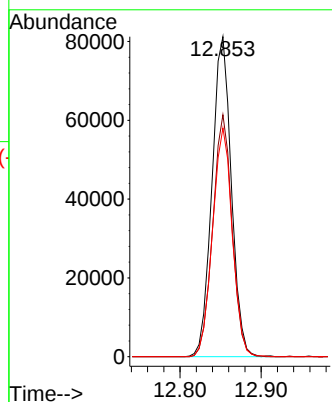
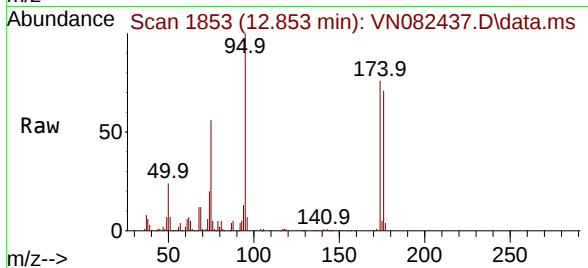




#62
4-Bromofluorobenzene
Concen: 53.889 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082437.D
Acq: 03 Jun 2024 16:25

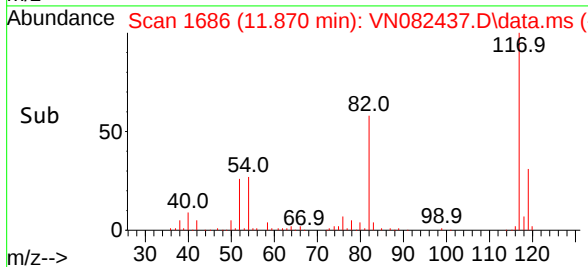
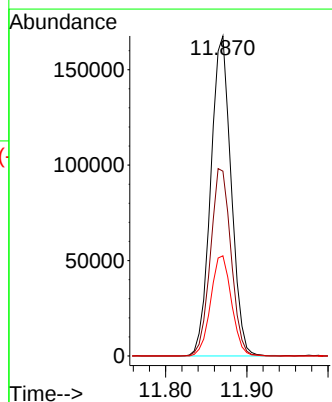
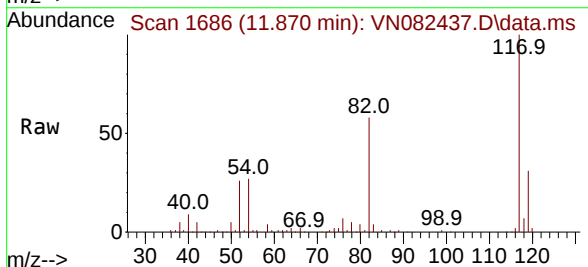
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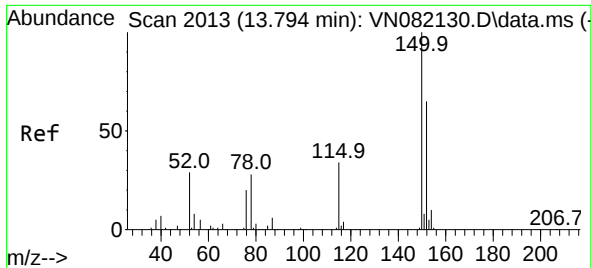
Tgt Ion: 95 Resp: 134258
Ion Ratio Lower Upper
95 100
174 75.2 0.0 160.6
176 73.0 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082437.D
Acq: 03 Jun 2024 16:25

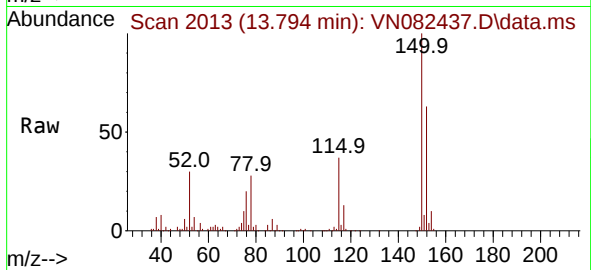
Tgt Ion: 117 Resp: 292650
Ion Ratio Lower Upper
117 100
82 57.8 44.6 66.8
119 31.3 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN082437.D
 Acq: 03 Jun 2024 16:25

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161254ZHE#04



Tgt Ion:152 Resp: 120678
 Ion Ratio Lower Upper
 152 100
 115 60.6 30.4 91.3
 150 156.7 0.0 353.2

