

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060324\
 Data File : VN082435.D
 Acq On : 03 Jun 2024 15:36
 Operator : JC\MD
 Sample : PB161254ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161254ZHE#02

Quant Time: Jun 04 00:30:30 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)

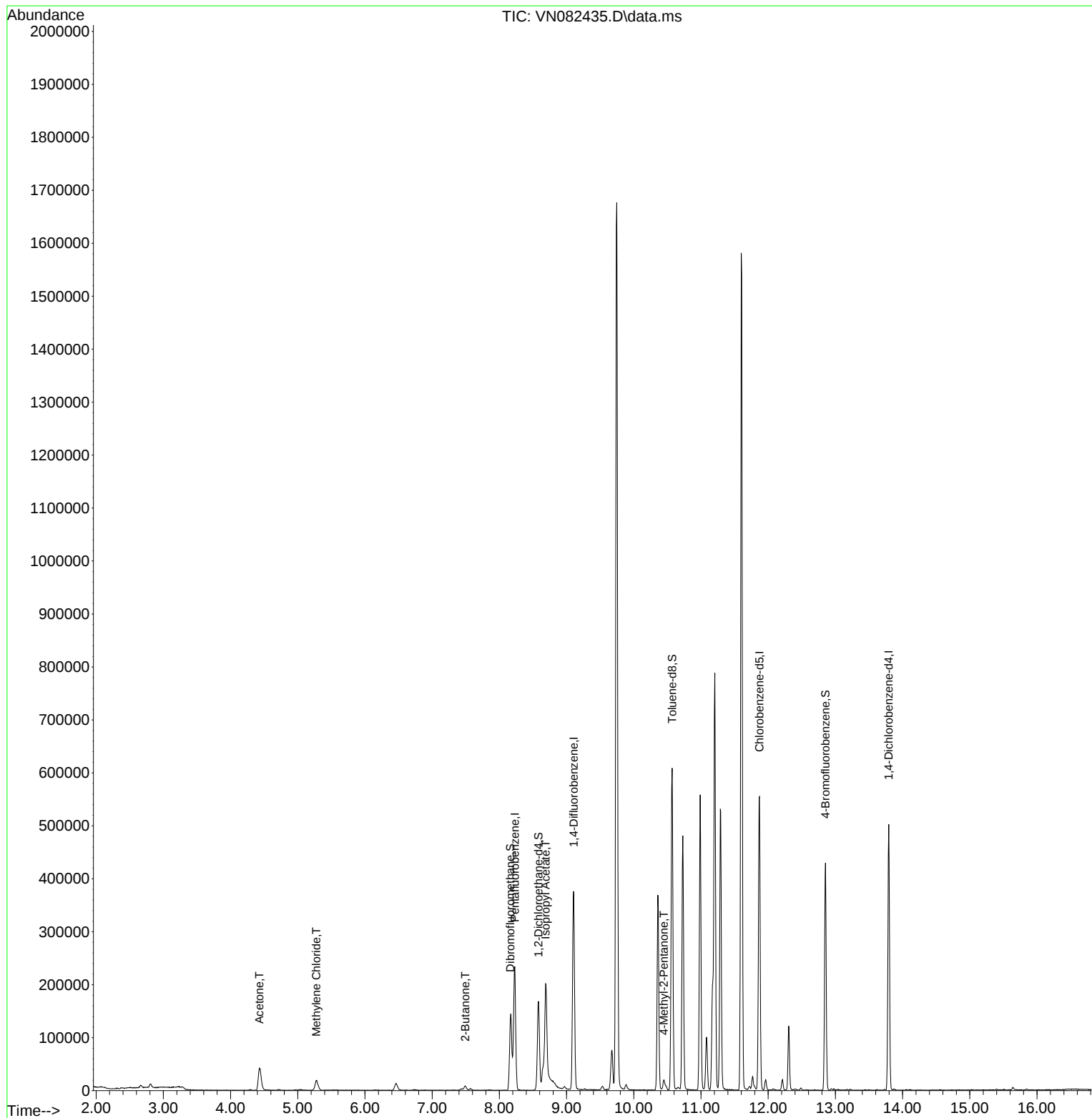
Internal Standards						
1) Pentafluorobenzene	8.230	168	161147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	296739	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	295612	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	125037	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	137962	54.219	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.440%	
35) Dibromofluoromethane	8.165	113	100387	54.994	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.980%	
50) Toluene-d8	10.571	98	388429	55.502	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 111.000%	
62) 4-Bromofluorobenzene	12.853	95	135967	54.432	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 108.860%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	84826	81.265	ug/l	90
20) Methylene Chloride	5.277	84	12921	6.135	ug/l #	78
25) 2-Butanone	7.494	43	13685	8.647	ug/l #	86
43) Isopropyl Acetate	8.688	43	296006	48.758	ug/l #	73
51) 4-Methyl-2-Pentanone	10.447	43	21089	6.114	ug/l #	71

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

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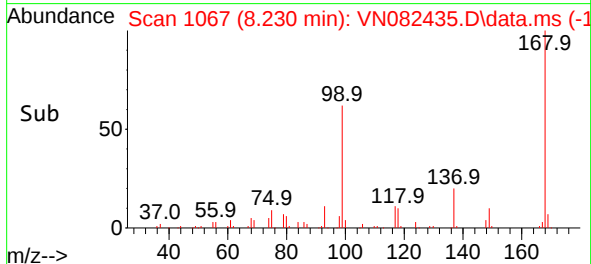
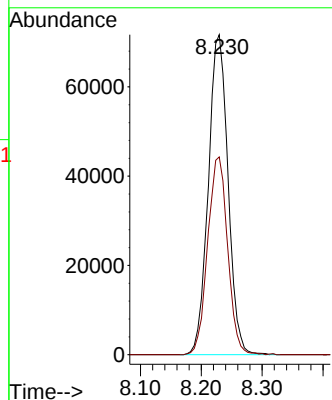
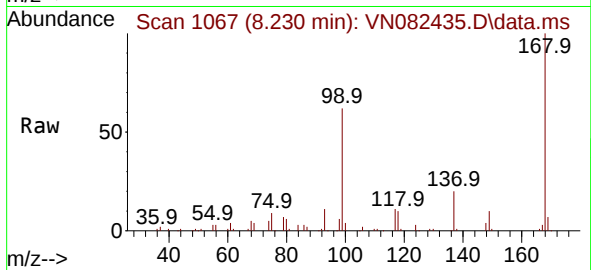




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082435.D
Acq: 03 Jun 2024 15:36

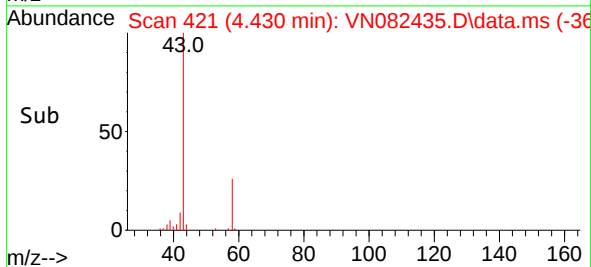
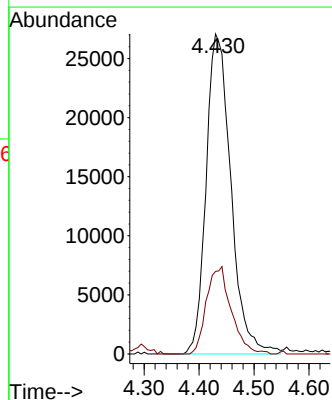
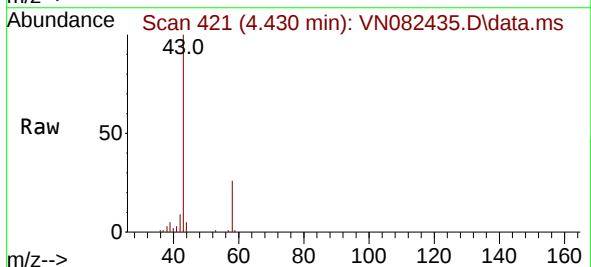
Instrument :
MSVOA_N
ClientSampleId :
PB161254ZHE#02

Tgt Ion:168 Resp: 161147
Ion Ratio Lower Upper
168 100
99 61.8 48.2 72.4



#16
Acetone
Concen: 81.265 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082435.D
Acq: 03 Jun 2024 15:36

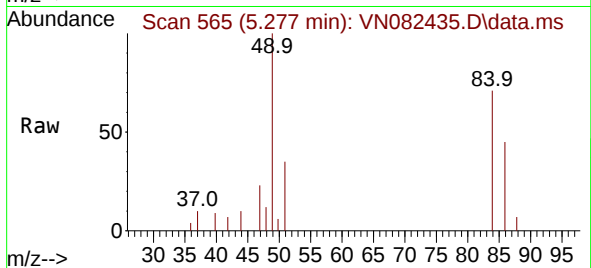
Tgt Ion: 43 Resp: 84826
Ion Ratio Lower Upper
43 100
58 25.8 25.2 37.8



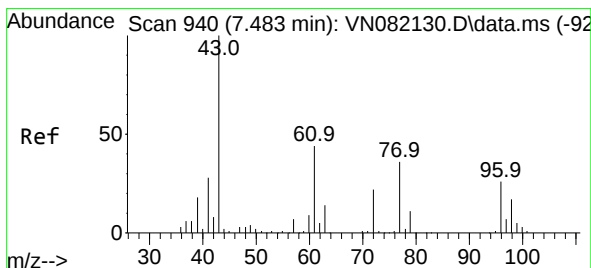
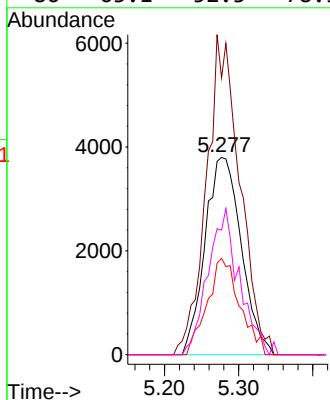


#20
Methylene Chloride
Concen: 6.135 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN082435.D
Acq: 03 Jun 2024 15:36

Instrument :
MSVOA_N
ClientSampleId :
PB161254ZHE#02

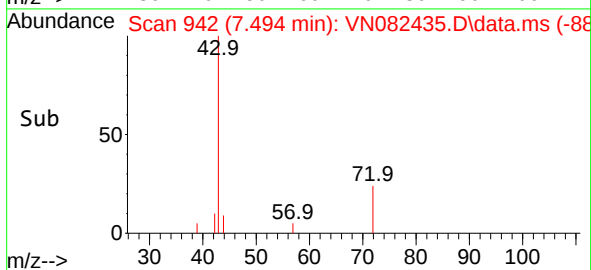
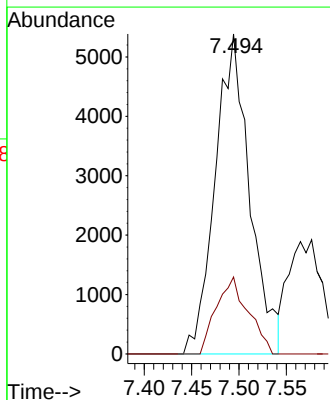
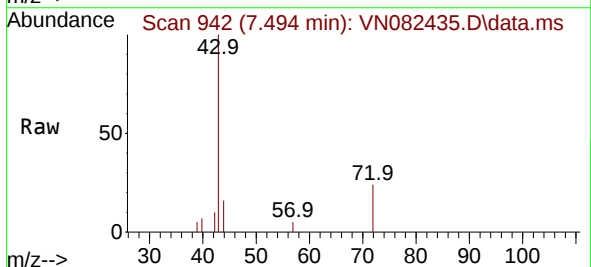


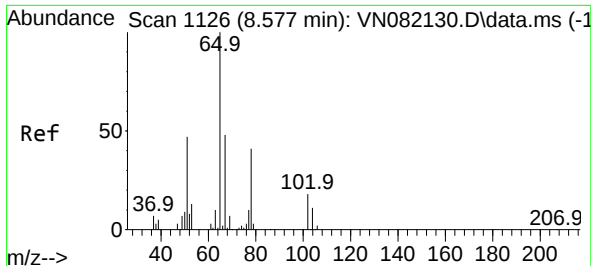
Tgt Ion:	84	Resp:	12921
Ion	Ratio	Lower	Upper
84	100		
49	140.3	84.9	127.3#
51	48.8	27.0	40.6#
86	63.1	52.3	78.5



#25
2-Butanone
Concen: 8.647 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN082435.D
Acq: 03 Jun 2024 15:36

Tgt Ion:	43	Resp:	13685
Ion	Ratio	Lower	Upper
43	100		
72	24.1	25.3	37.9#





#33

1,2-Dichloroethane-d4

Concen: 54.219 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082435.D

Acq: 03 Jun 2024 15:36

Instrument :

MSVOA_N

ClientSampleId :

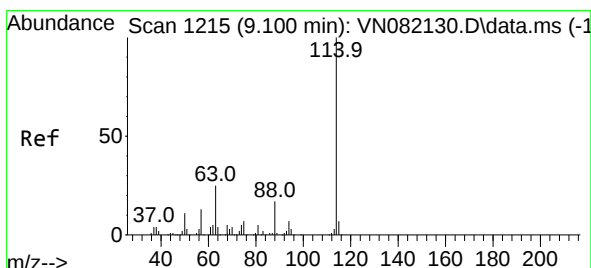
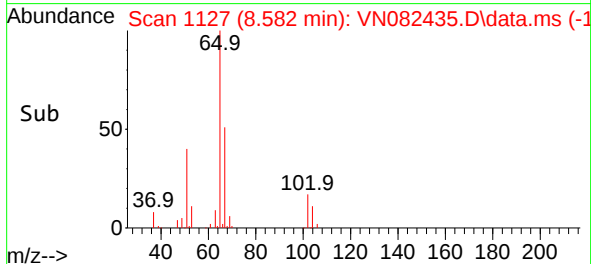
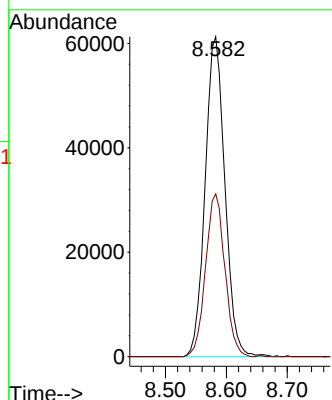
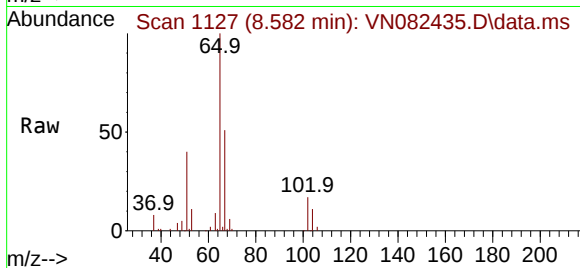
PB161254ZHE#02

Tgt Ion: 65 Resp: 137962

Ion Ratio Lower Upper

65 100

67 49.8 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082435.D

Acq: 03 Jun 2024 15:36

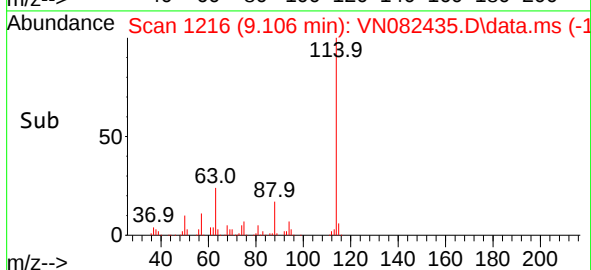
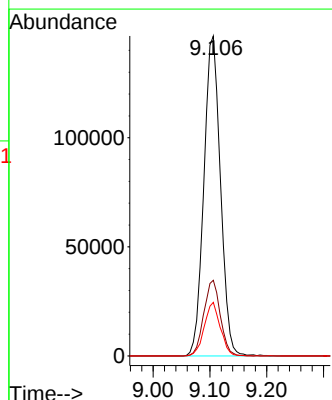
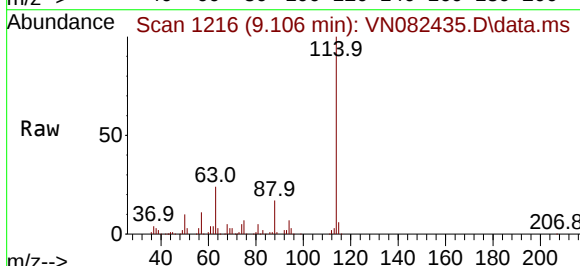
Tgt Ion: 114 Resp: 296739

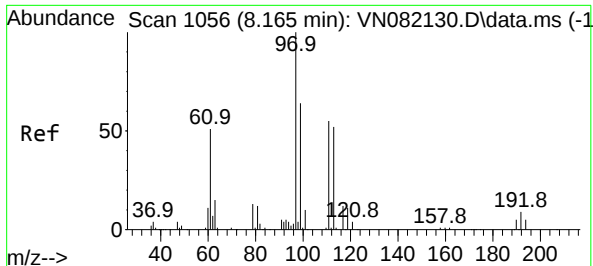
Ion Ratio Lower Upper

114 100

63 23.7 0.0 41.0

88 16.7 0.0 31.4

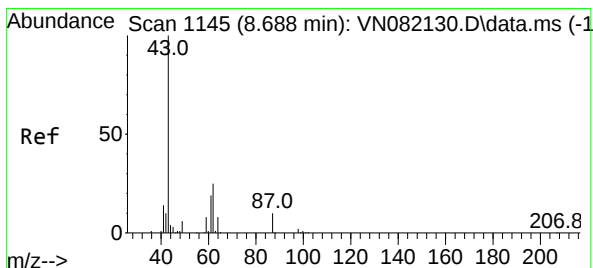
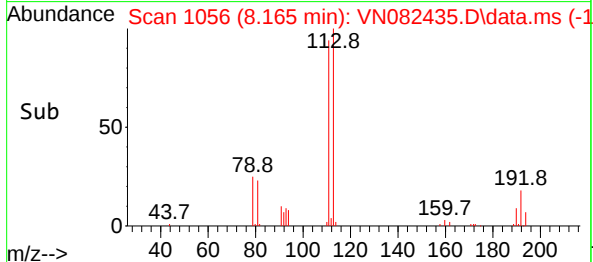
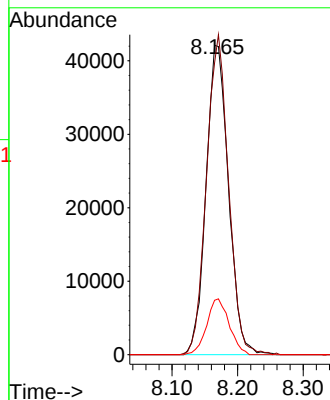
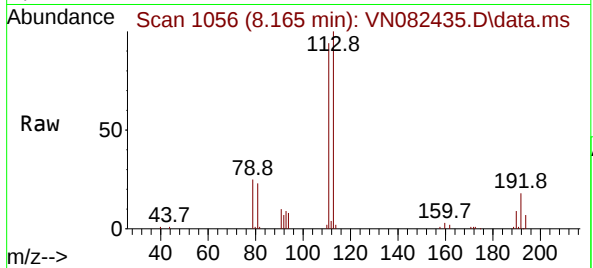




#35
Dibromofluoromethane
Concen: 54.994 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082435.D
Acq: 03 Jun 2024 15:36

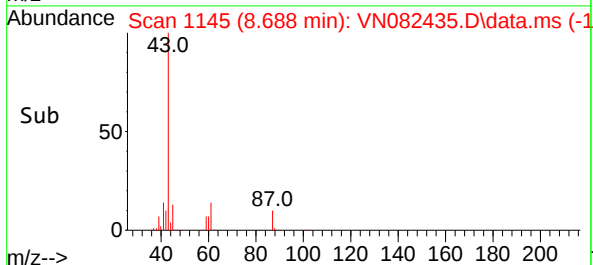
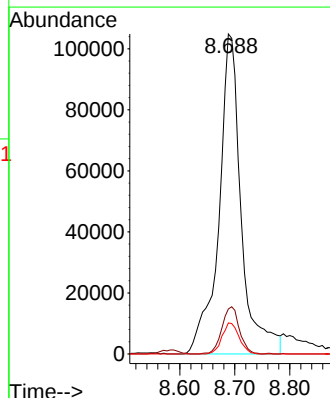
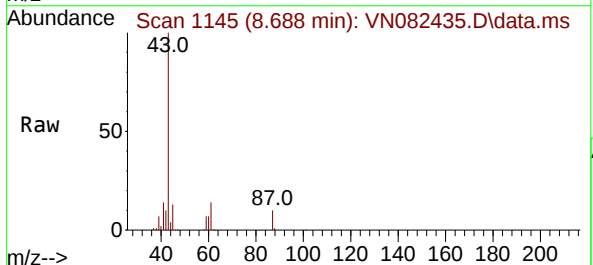
Instrument :
MSVOA_N
ClientSampleId :
PB161254ZHE#02

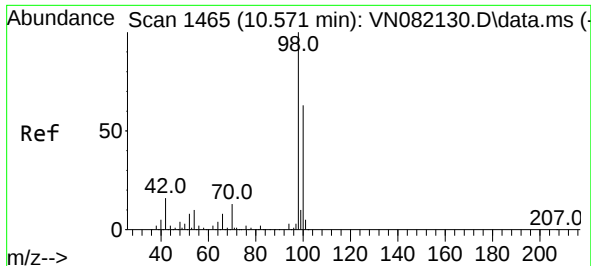
Tgt Ion:113 Resp: 100387
Ion Ratio Lower Upper
113 100
111 101.4 83.4 125.2
192 18.0 14.0 21.0



#43
Isopropyl Acetate
Concen: 48.758 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082435.D
Acq: 03 Jun 2024 15:36

Tgt Ion: 43 Resp: 296006
Ion Ratio Lower Upper
43 100
61 11.5 22.8 34.2#
87 7.4 12.0 18.0#

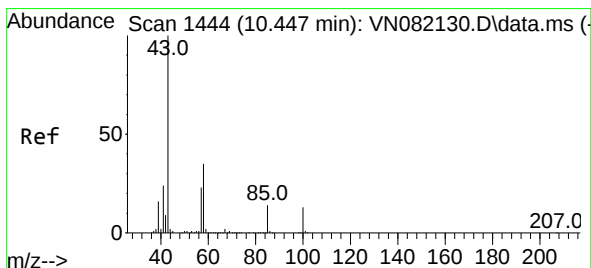
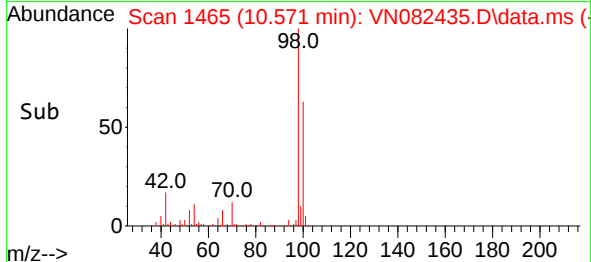
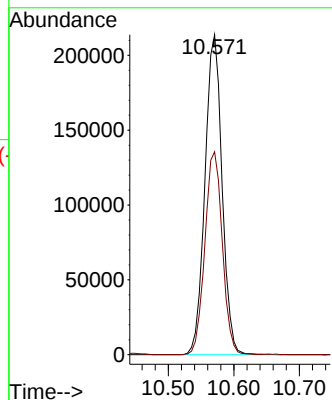
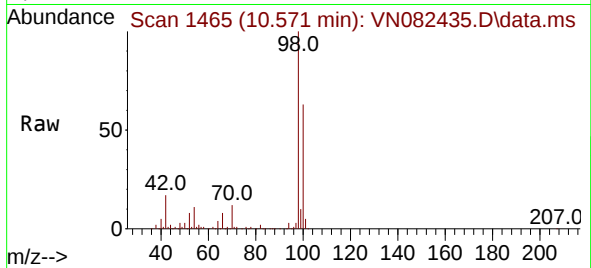




#50
Toluene-d8
Concen: 55.502 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082435.D
Acq: 03 Jun 2024 15:36

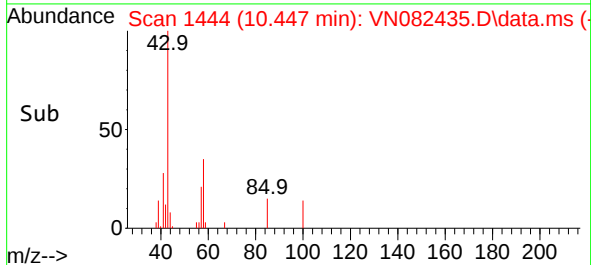
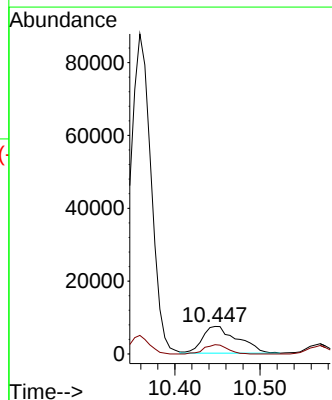
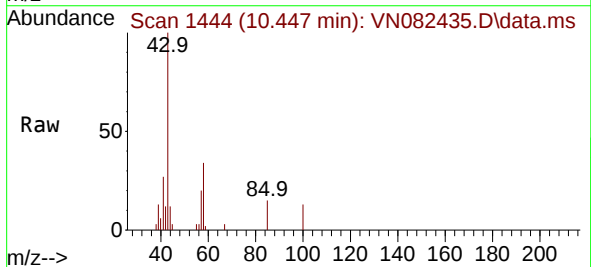
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MSVOA_N
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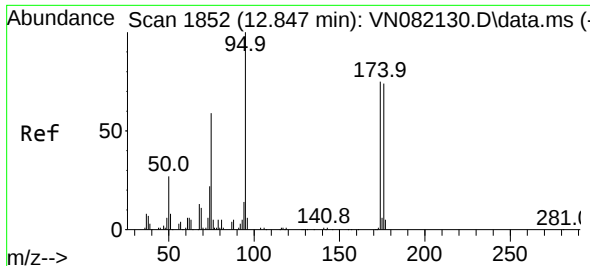
Tgt Ion: 98 Resp: 388429
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 6.114 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082435.D
Acq: 03 Jun 2024 15:36

Tgt Ion: 43 Resp: 21089
Ion Ratio Lower Upper
43 100
58 23.1 33.2 49.8#

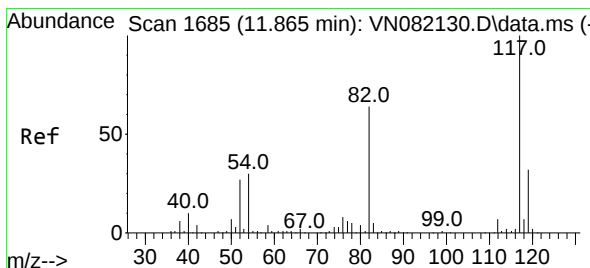
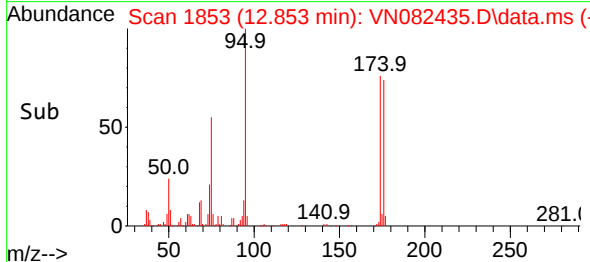
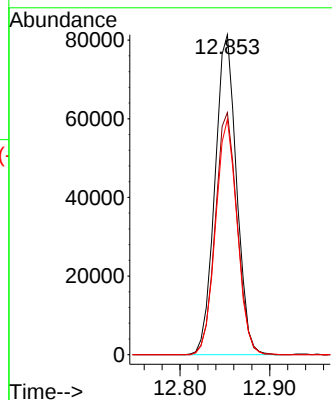
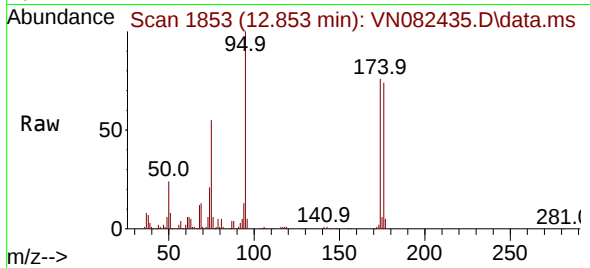




#62
4-Bromofluorobenzene
Concen: 54.432 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082435.D
Acq: 03 Jun 2024 15:36

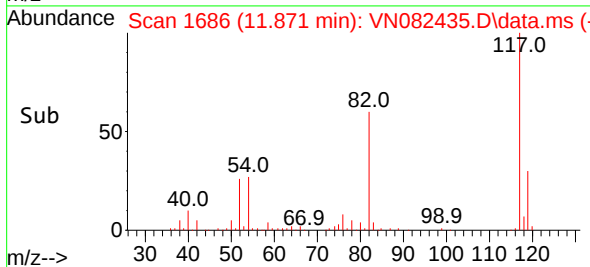
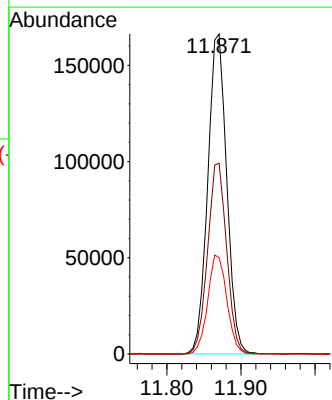
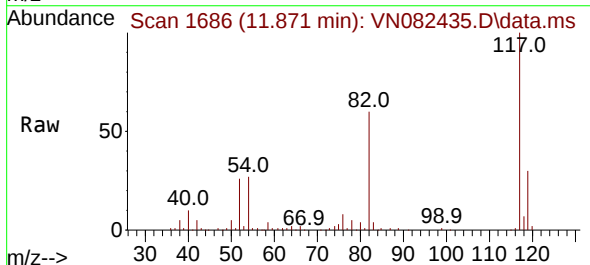
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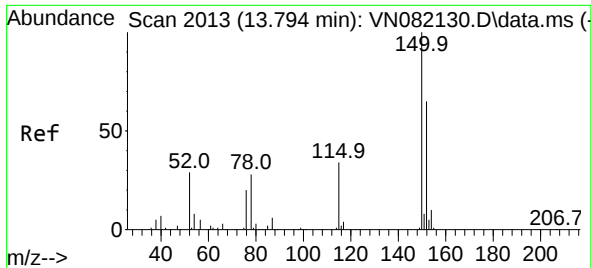
Tgt Ion: 95 Resp: 135967
Ion Ratio Lower Upper
95 100
174 76.7 0.0 160.6
176 73.5 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082435.D
Acq: 03 Jun 2024 15:36

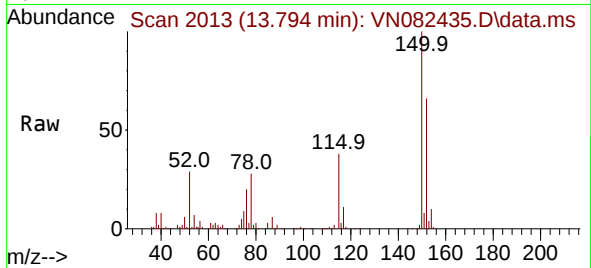
Tgt Ion: 117 Resp: 295612
Ion Ratio Lower Upper
117 100
82 59.6 44.6 66.8
119 30.1 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN082435.D
 Acq: 03 Jun 2024 15:36

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161254ZHE#02



Tgt Ion:152 Resp: 125037
 Ion Ratio Lower Upper
 152 100
 115 60.5 30.4 91.3
 150 155.4 0.0 353.2

