

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052224\
 Data File : VN082305.D
 Acq On : 22 May 2024 20:17
 Operator : JC\MD
 Sample : PB161037ZHE#18
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161037ZHE#18

Quant Time: May 23 01:58:08 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)

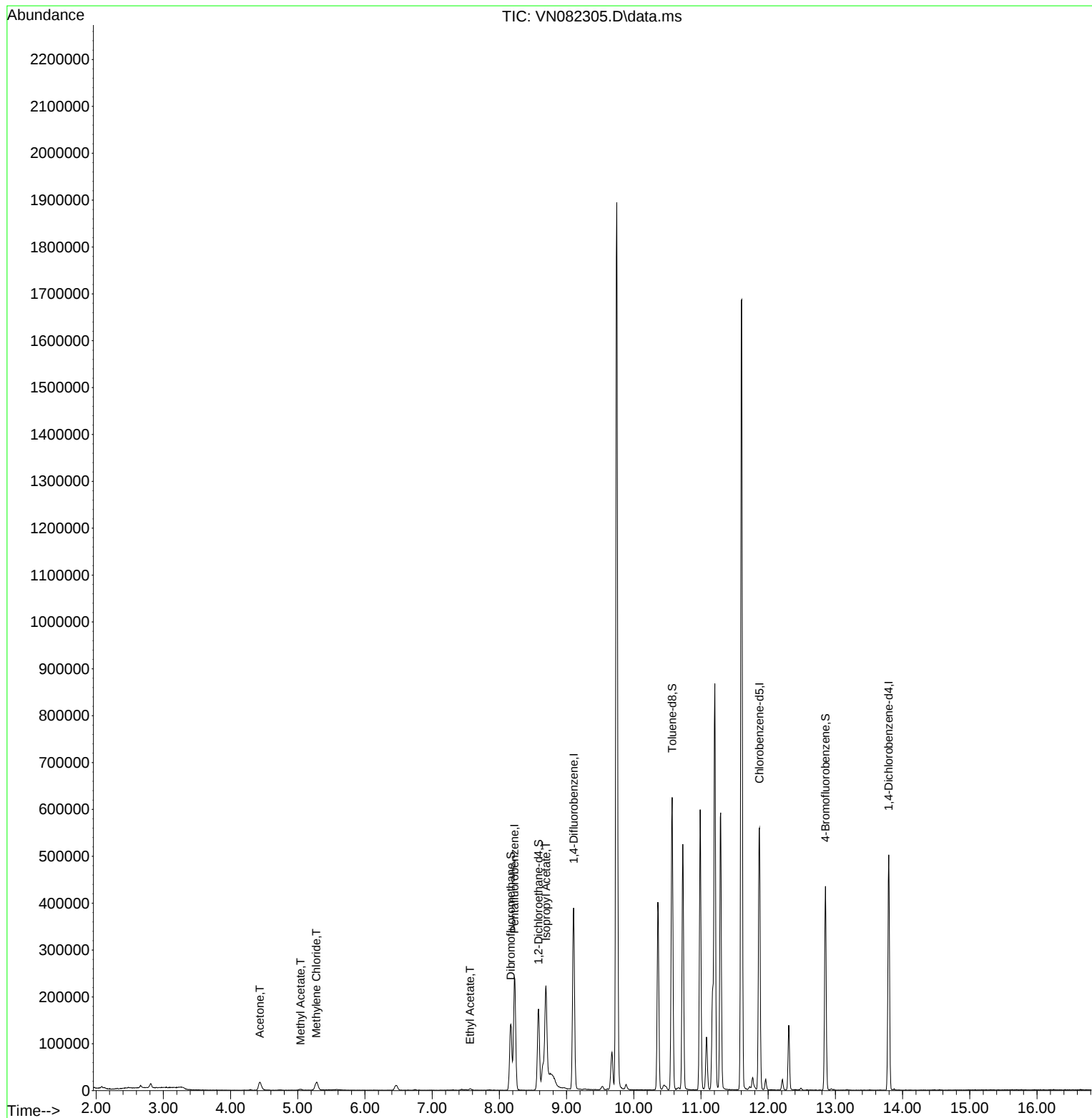
Internal Standards						
1) Pentafluorobenzene	8.224	168	167586	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	307793	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	300041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	123478	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	143058	54.061	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.120%	
35) Dibromofluoromethane	8.171	113	99499	52.550	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.100%	
50) Toluene-d8	10.571	98	397279	54.728	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.460%	
62) 4-Bromofluorobenzene	12.853	95	136744	52.777	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 105.560%	
Target Compounds						
						Qvalue
16) Acetone	4.436	43	35198	32.425	ug/l	89
18) Methyl Acetate	5.042	43	4519	1.672	ug/l #	67
20) Methylene Chloride	5.277	84	12181	5.562	ug/l #	86
37) Ethyl Acetate	7.565	43	5748	1.617	ug/l #	78
43) Isopropyl Acetate	8.694	43	319115	50.676	ug/l #	72

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

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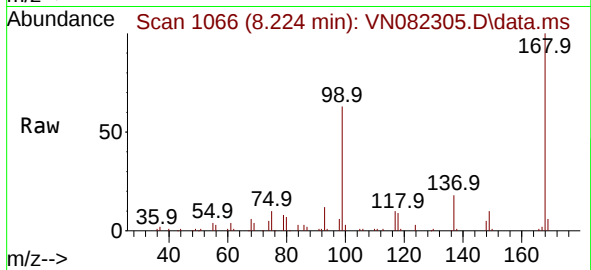
Quant Time: May 23 01:58:08 2024
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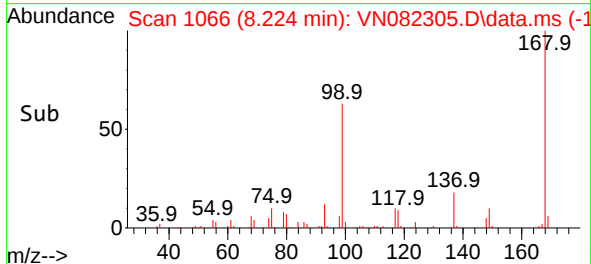
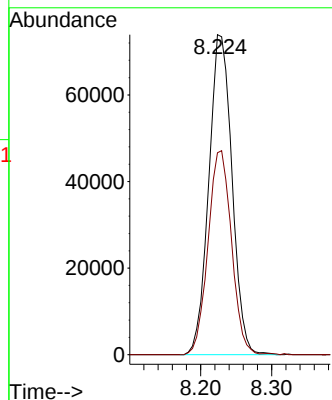


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082305.D
Acq: 22 May 2024 20:17

Instrument :
MSVOA_N
ClientSampleId :
PB161037ZHE#18

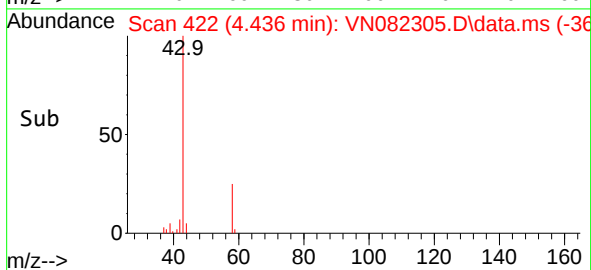
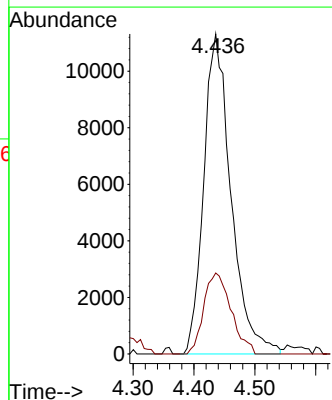
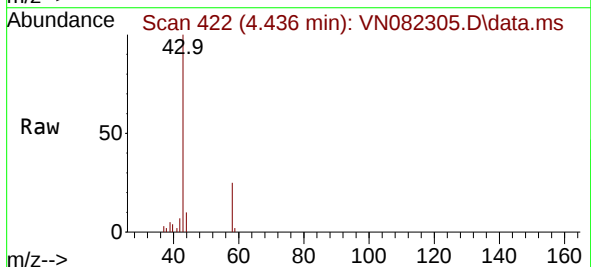


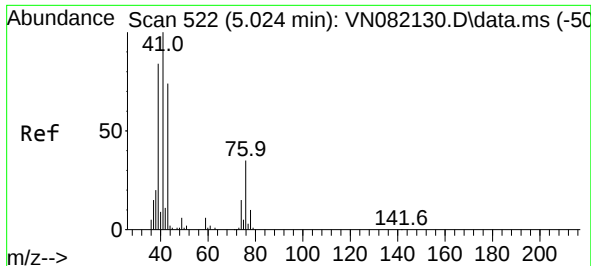
Tgt Ion:168 Resp: 167586
Ion Ratio Lower Upper
168 100
99 63.1 48.2 72.4



#16
Acetone
Concen: 32.425 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082305.D
Acq: 22 May 2024 20:17

Tgt Ion: 43 Resp: 35198
Ion Ratio Lower Upper
43 100
58 25.3 25.2 37.8





#18

Methyl Acetate

Concen: 1.672 ug/l

RT: 5.042 min Scan# 51

Delta R.T. 0.018 min

Lab File: VN082305.D

Acq: 22 May 2024 20:17

Instrument :

MSVOA_N

ClientSampleId :

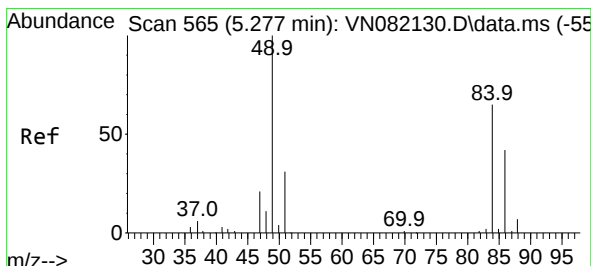
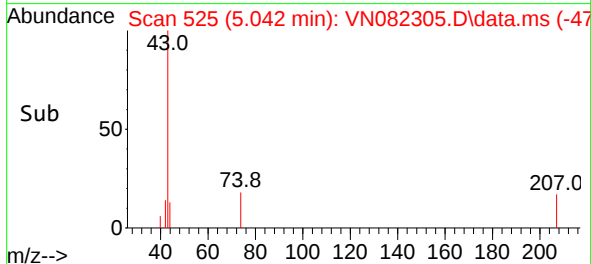
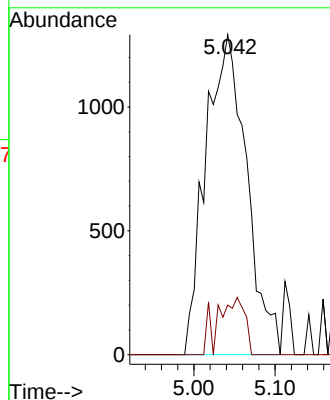
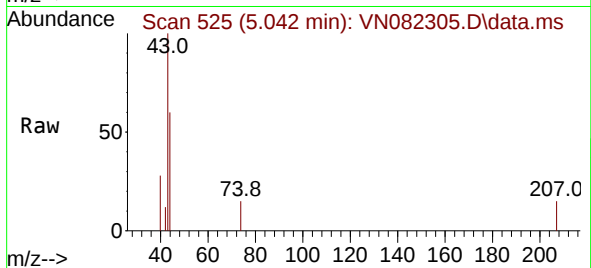
PB161037ZHE#18

Tgt Ion: 43 Resp: 4519

Ion Ratio Lower Upper

43 100

74 10.2 22.2 33.2#



#20

Methylene Chloride

Concen: 5.562 ug/l

RT: 5.277 min Scan# 565

Delta R.T. -0.000 min

Lab File: VN082305.D

Acq: 22 May 2024 20:17

Tgt Ion: 84 Resp: 12181

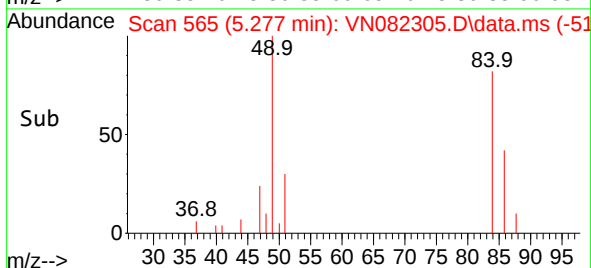
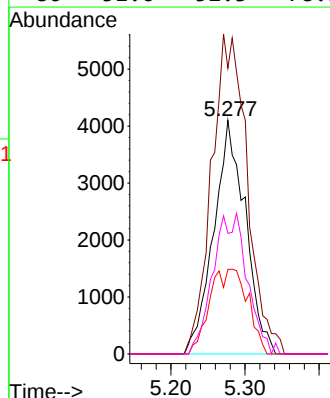
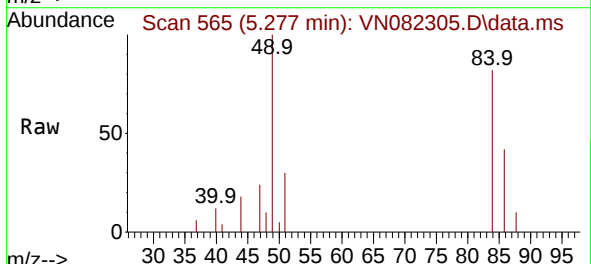
Ion Ratio Lower Upper

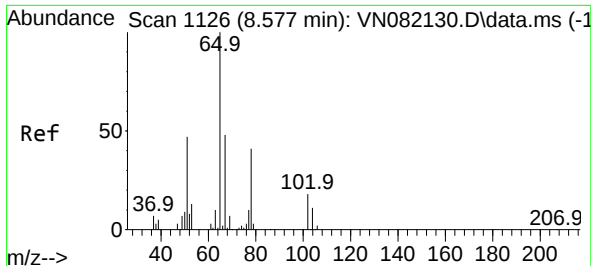
84 100

49 122.3 84.9 127.3

51 36.2 27.0 40.6

86 51.6 52.3 78.5#





#33

1,2-Dichloroethane-d4

Concen: 54.061 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082305.D

Acq: 22 May 2024 20:17

Instrument :

MSVOA_N

ClientSampleId :

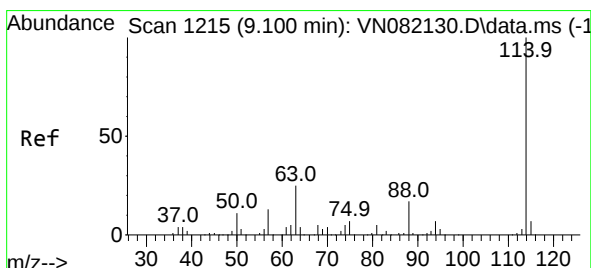
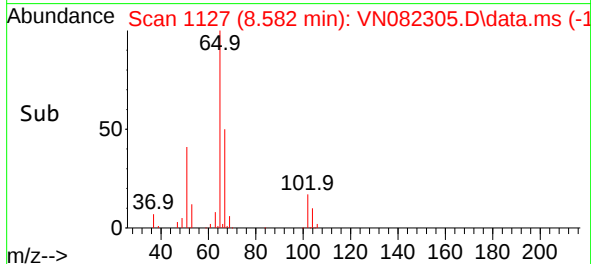
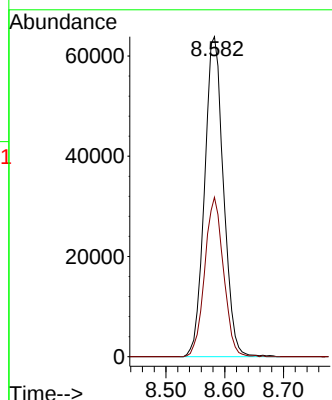
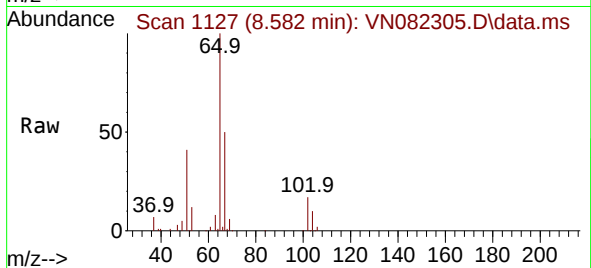
PB161037ZHE#18

Tgt Ion: 65 Resp: 143058

Ion Ratio Lower Upper

65 100

67 49.4 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: VN082305.D

Acq: 22 May 2024 20:17

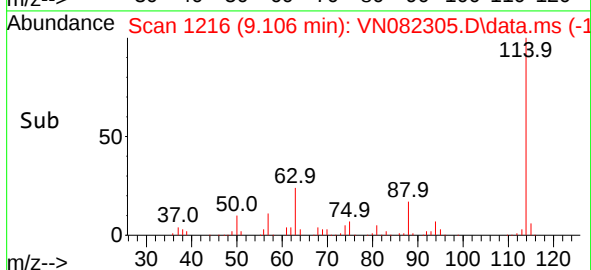
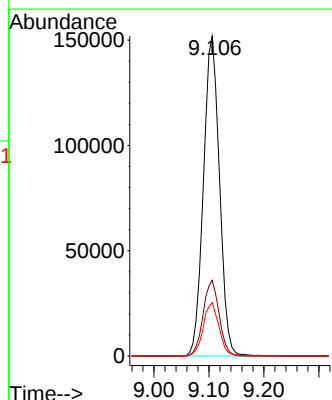
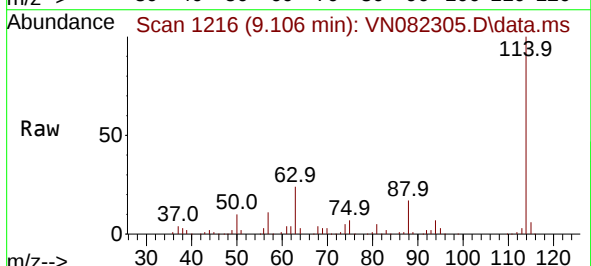
Tgt Ion: 114 Resp: 307793

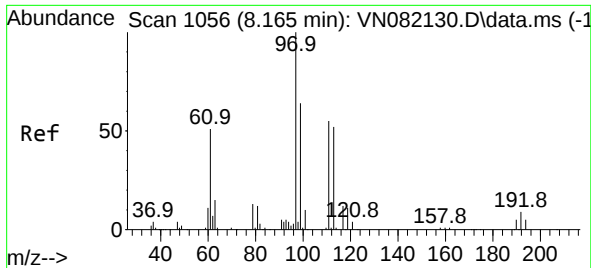
Ion Ratio Lower Upper

114 100

63 23.6 0.0 41.0

88 16.7 0.0 31.4

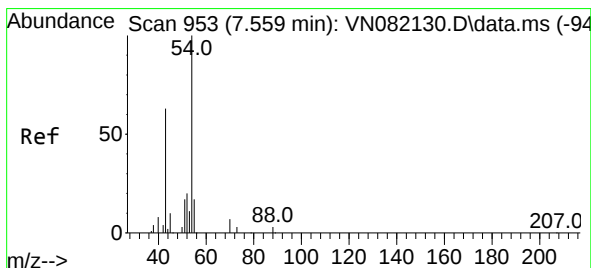
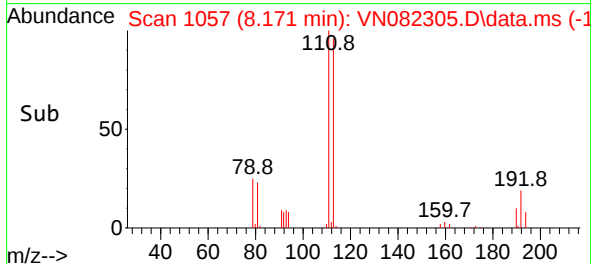
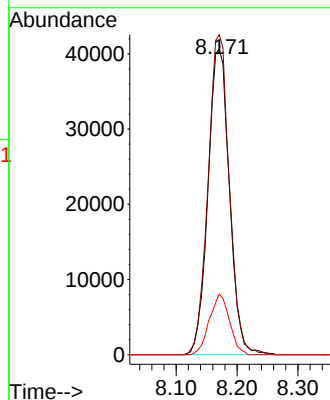
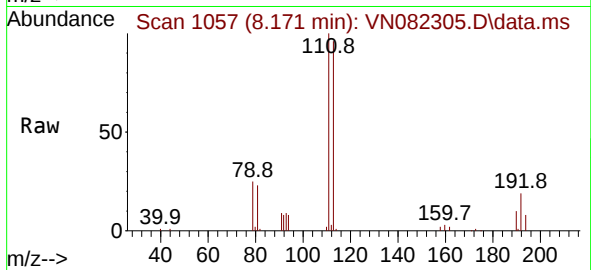




#35
Dibromofluoromethane
Concen: 52.550 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082305.D
Acq: 22 May 2024 20:17

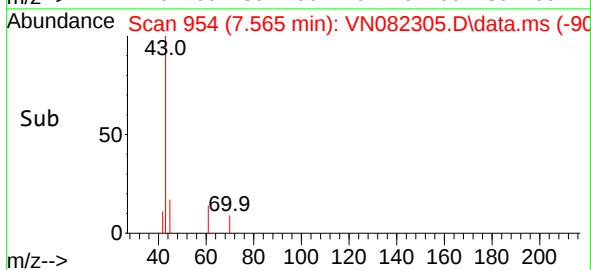
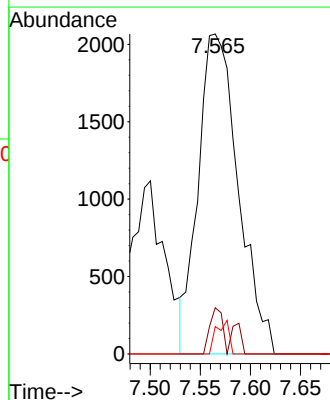
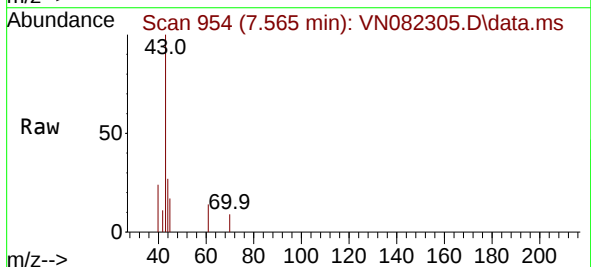
Instrument :
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ClientSampleId :
PB161037ZHE#18

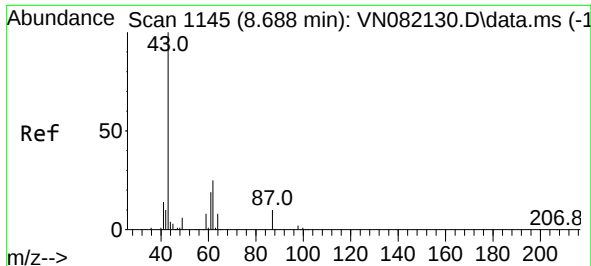
Tgt Ion:113 Resp: 99499
Ion Ratio Lower Upper
113 100
111 103.5 83.4 125.2
192 18.5 14.0 21.0



#37
Ethyl Acetate
Concen: 1.617 ug/l
RT: 7.565 min Scan# 954
Delta R.T. 0.006 min
Lab File: VN082305.D
Acq: 22 May 2024 20:17

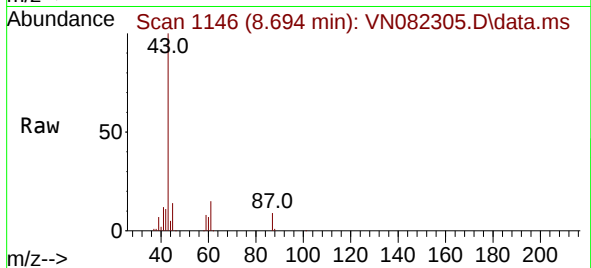
Tgt Ion: 43 Resp: 5748
Ion Ratio Lower Upper
43 100
61 4.6 11.3 16.9#
70 3.4 8.7 13.1#



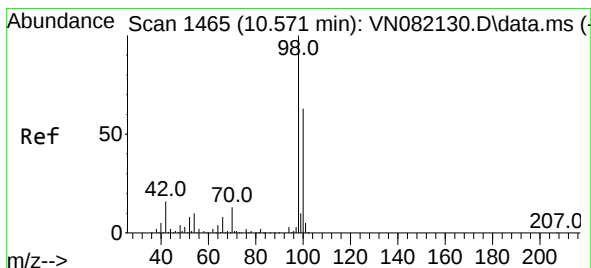
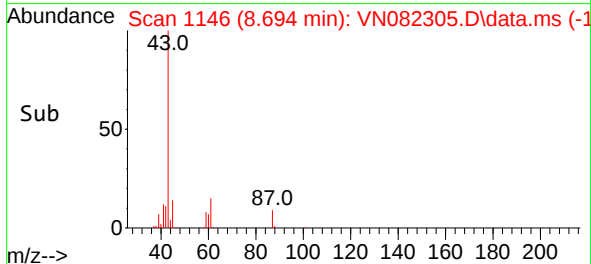
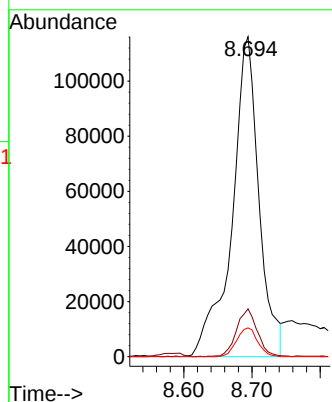


#43
Isopropyl Acetate
Concen: 50.676 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN082305.D
Acq: 22 May 2024 20:17

Instrument :
MSVOA_N
ClientSampleId :
PB161037ZHE#18

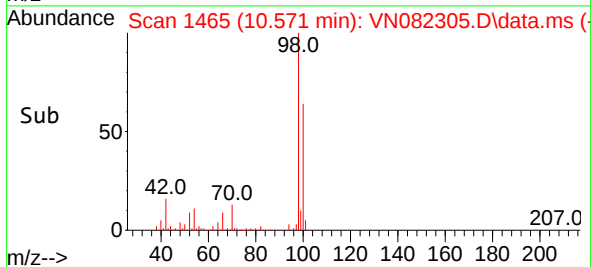
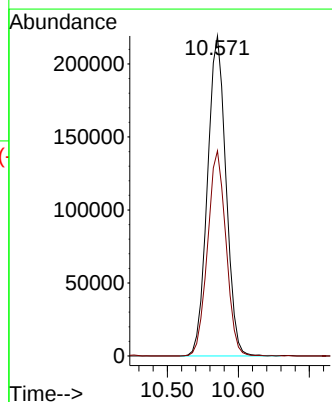
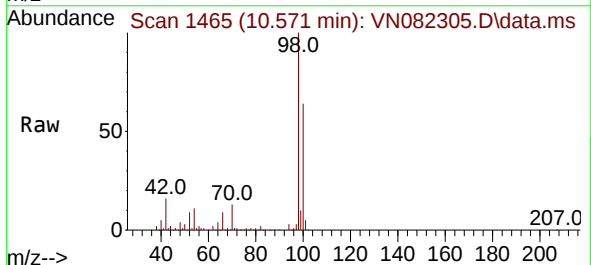


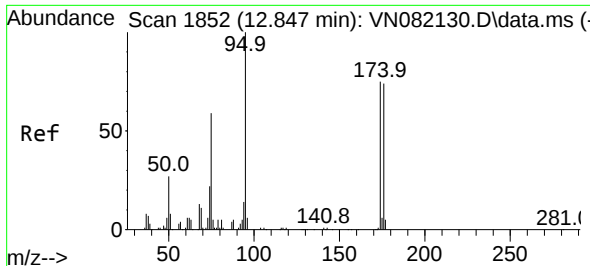
Tgt Ion: 43 Resp: 319115
Ion Ratio Lower Upper
43 100
61 11.6 22.8 34.2#
87 7.0 12.0 18.0#



#50
Toluene-d8
Concen: 54.728 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082305.D
Acq: 22 May 2024 20:17

Tgt Ion: 98 Resp: 397279
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.6

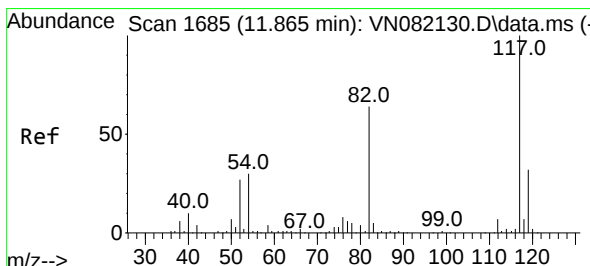
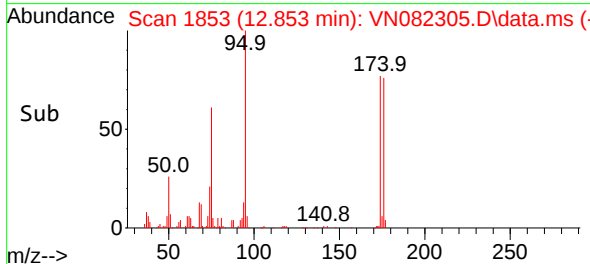
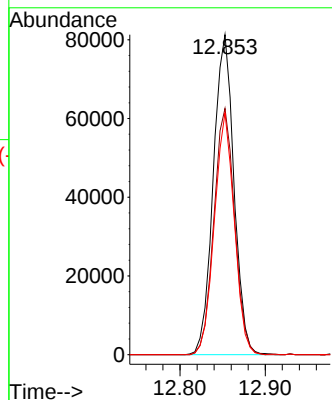
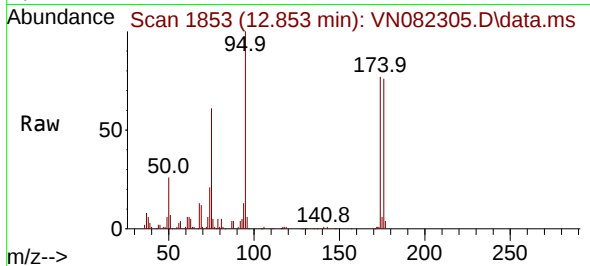




#62
4-Bromofluorobenzene
Concen: 52.777 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082305.D
Acq: 22 May 2024 20:17

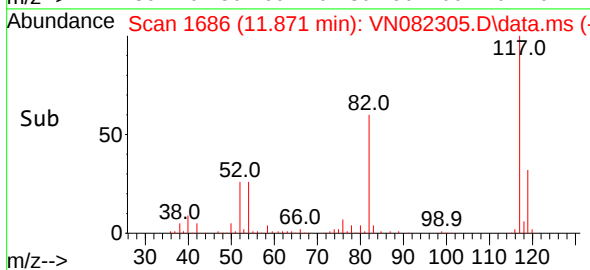
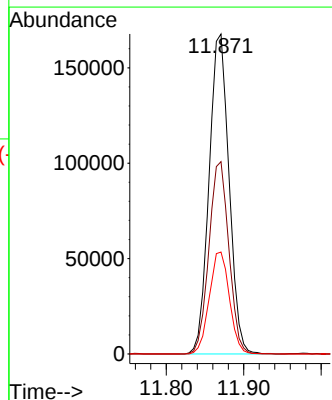
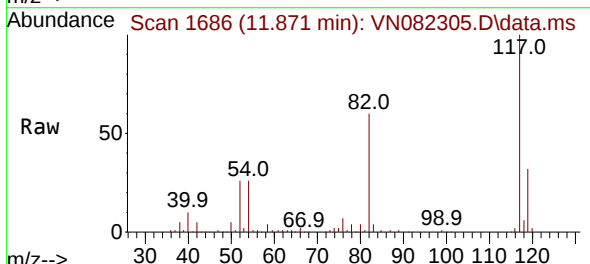
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MSVOA_N
ClientSampleId :
PB161037ZHE#18

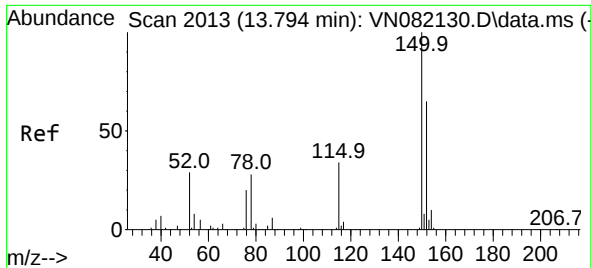
Tgt Ion: 95 Resp: 136744
Ion Ratio Lower Upper
95 100
174 77.2 0.0 160.6
176 72.8 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082305.D
Acq: 22 May 2024 20:17

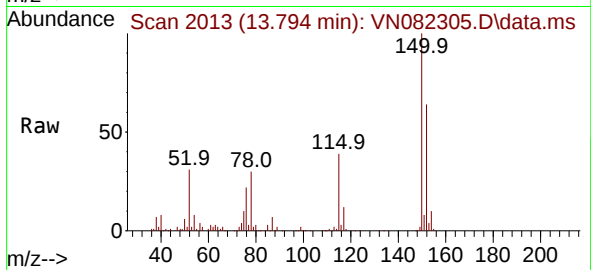
Tgt Ion: 117 Resp: 300041
Ion Ratio Lower Upper
117 100
82 60.1 44.6 66.8
119 31.8 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN082305.D
 Acq: 22 May 2024 20:17

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161037ZHE#18



Tgt Ion:152 Resp: 123478

Ion	Ratio	Lower	Upper
152	100		
115	60.9	30.4	91.3
150	158.8	0.0	353.2

