

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061324\
 Data File : VN082560.D
 Acq On : 13 Jun 2024 15:31
 Operator : JC\MD
 Sample : P2853-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 8

Quant Time: Jun 14 02:30:16 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)

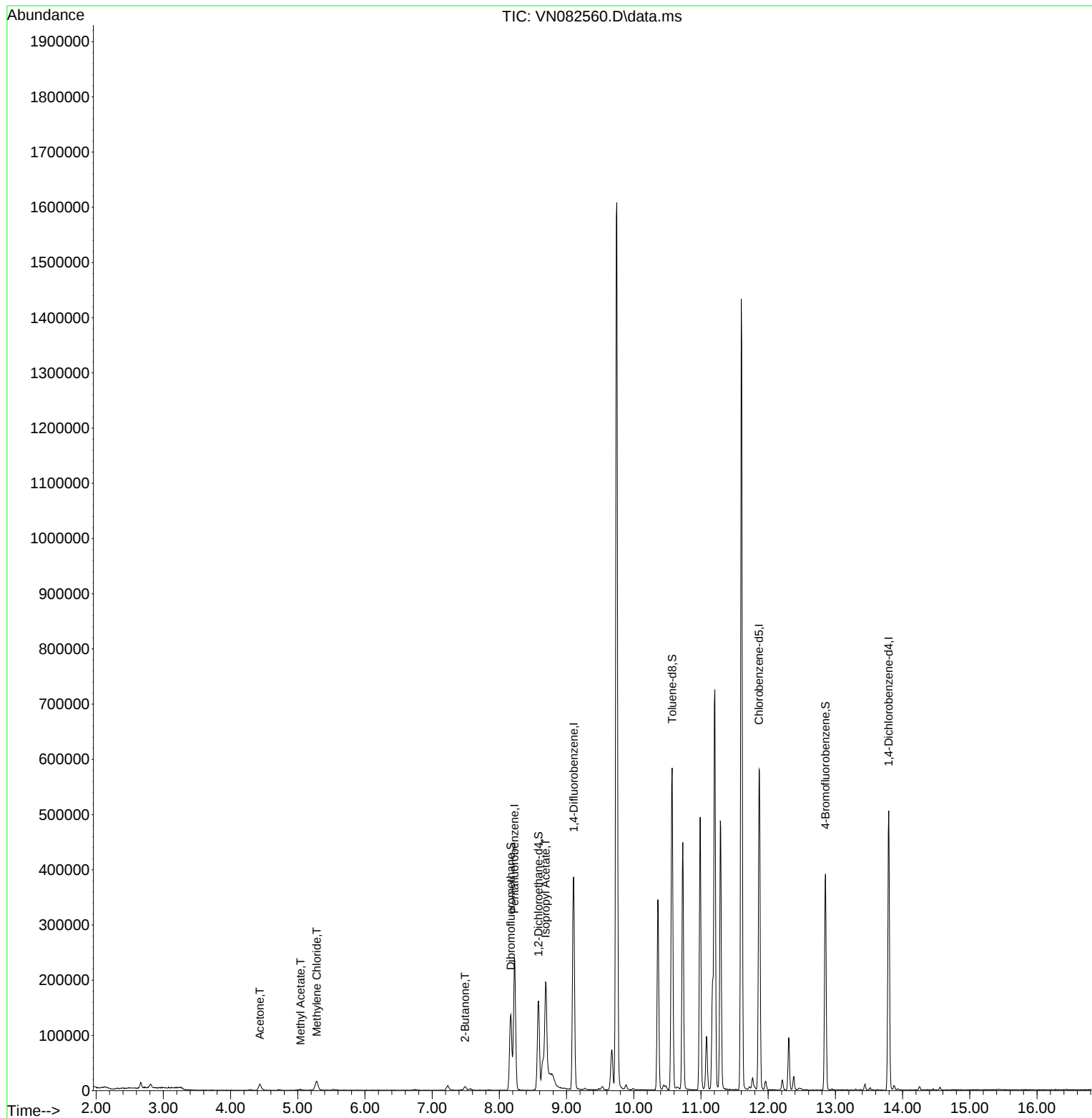
Internal Standards						
1) Pentafluorobenzene	8.224	168	161089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	310957	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	315972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	130883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	135440	53.247	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.500%	
35) Dibromofluoromethane	8.171	113	97514	50.978	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.960%	
50) Toluene-d8	10.570	98	378621	51.627	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.260%	
62) 4-Bromofluorobenzene	12.853	95	126634	48.378	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 96.760%	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	20848	19.980	ug/l	99
18) Methyl Acetate	5.041	43	3502	1.348	ug/l #	67
20) Methylene Chloride	5.283	84	12262	5.824	ug/l #	88
25) 2-Butanone	7.488	43	12394	7.834	ug/l #	84
43) Isopropyl Acetate	8.688	43	282449	44.397	ug/l #	72

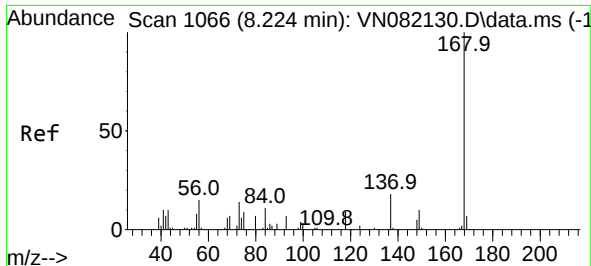
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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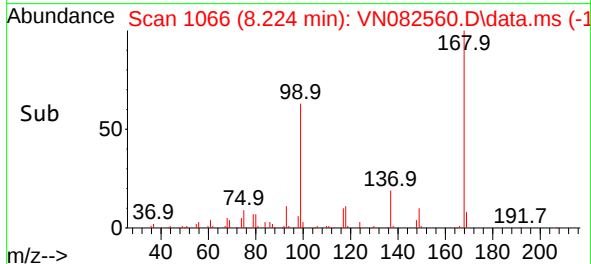
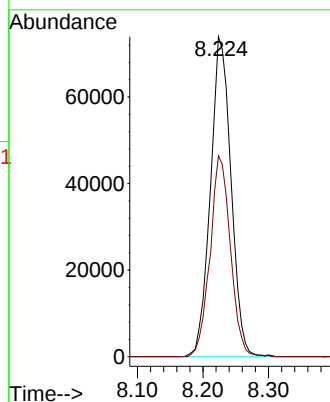
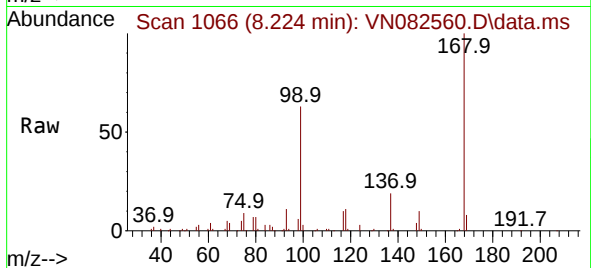




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082560.D
Acq: 13 Jun 2024 15:31

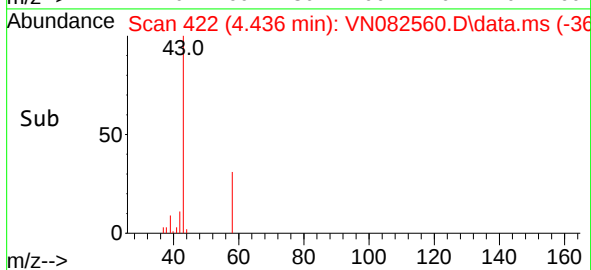
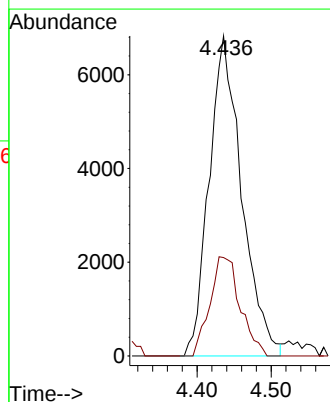
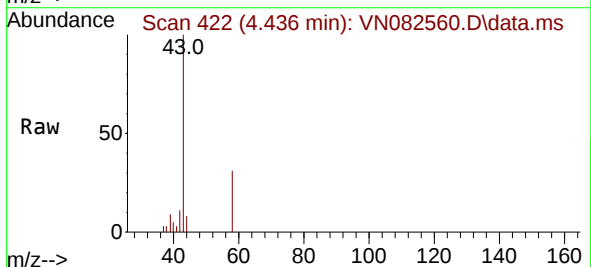
Instrument :
MSVOA_N
ClientSampleId :
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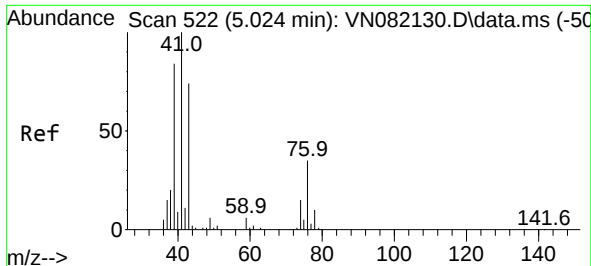
Tgt Ion:168 Resp: 161089
Ion Ratio Lower Upper
168 100
99 62.8 48.2 72.4



#16
Acetone
Concen: 19.980 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082560.D
Acq: 13 Jun 2024 15:31

Tgt Ion: 43 Resp: 20848
Ion Ratio Lower Upper
43 100
58 30.8 25.2 37.8

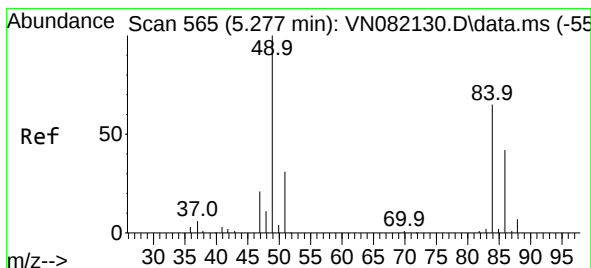
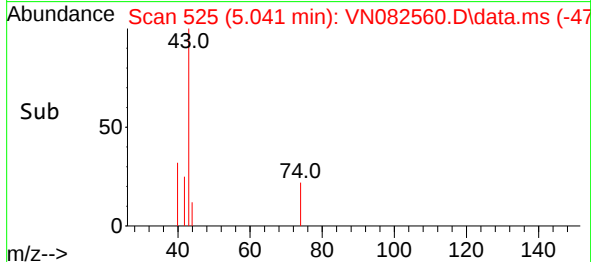
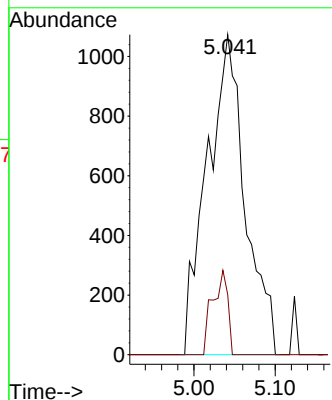
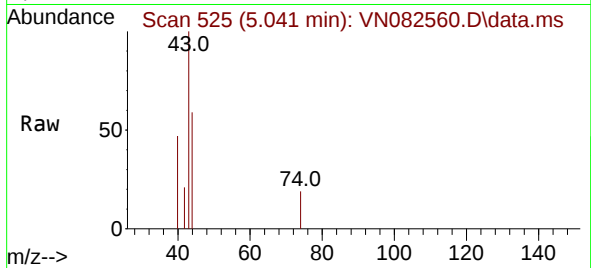




#18
Methyl Acetate
Concen: 1.348 ug/l
RT: 5.041 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN082560.D
Acq: 13 Jun 2024 15:31

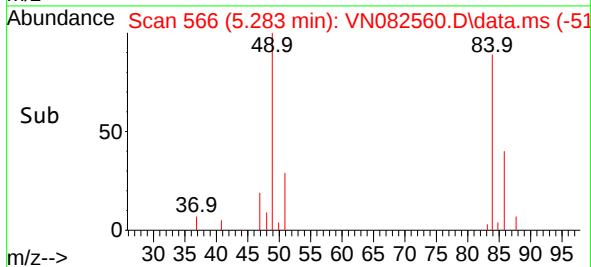
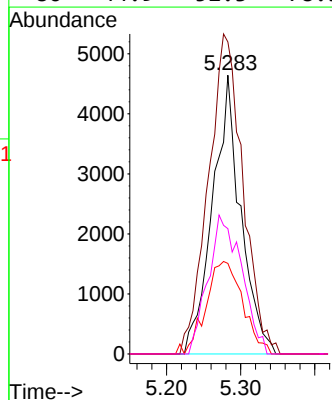
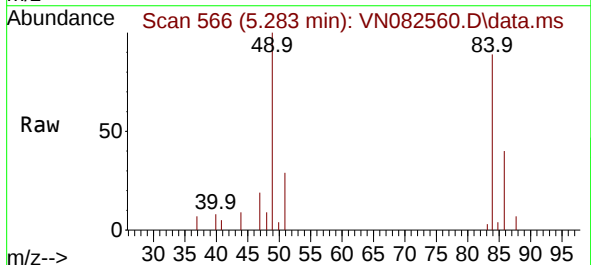
Instrument :
MSVOA_N
ClientSampleId :
8

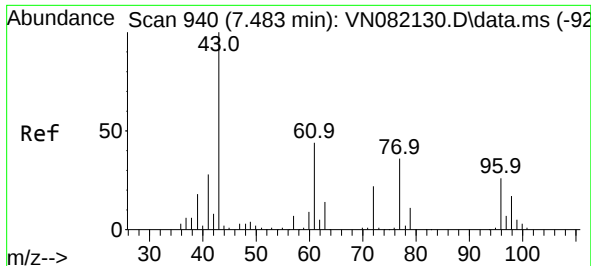
Tgt Ion: 43 Resp: 3502
Ion Ratio Lower Upper
43 100
74 10.5 22.2 33.2#



#20
Methylene Chloride
Concen: 5.824 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN082560.D
Acq: 13 Jun 2024 15:31

Tgt Ion: 84 Resp: 12262
Ion Ratio Lower Upper
84 100
49 112.0 84.9 127.3
51 32.5 27.0 40.6
86 44.9 52.3 78.5#

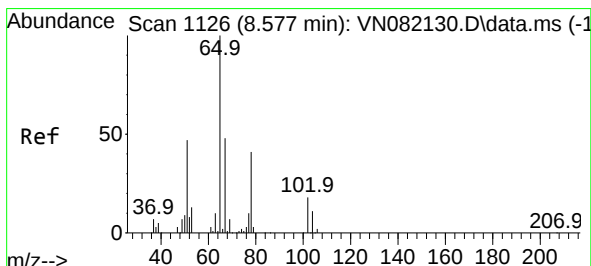
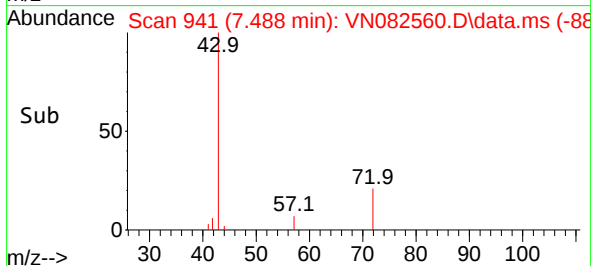
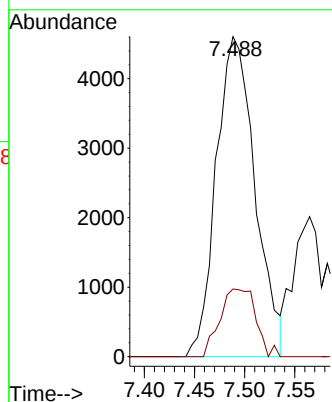
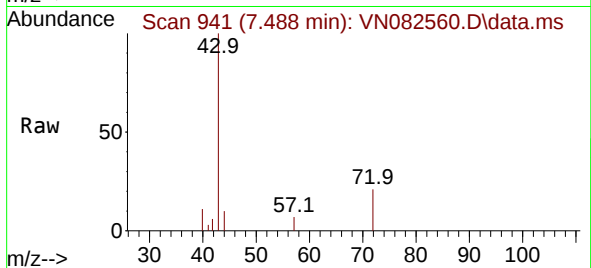




#25
2-Butanone
Concen: 7.834 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082560.D
Acq: 13 Jun 2024 15:31

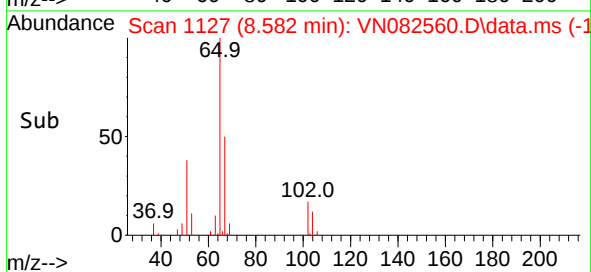
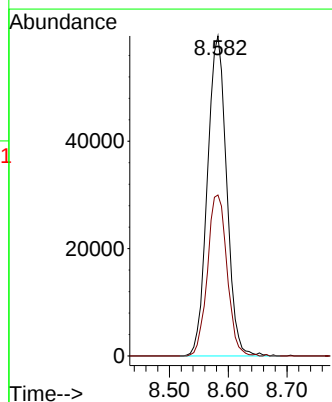
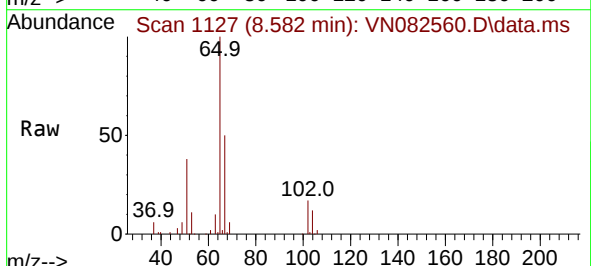
Instrument :
MSVOA_N
ClientSampleId :
8

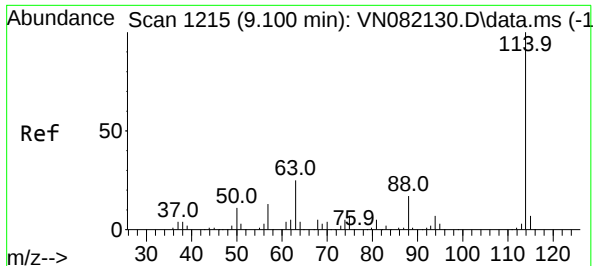
Tgt Ion: 43 Resp: 12394
Ion Ratio Lower Upper
43 100
72 22.6 25.3 37.9#



#33
1,2-Dichloroethane-d4
Concen: 53.247 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082560.D
Acq: 13 Jun 2024 15:31

Tgt Ion: 65 Resp: 135440
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082560.D

Acq: 13 Jun 2024 15:31

Instrument :

MSVOA_N

ClientSampleId :

8

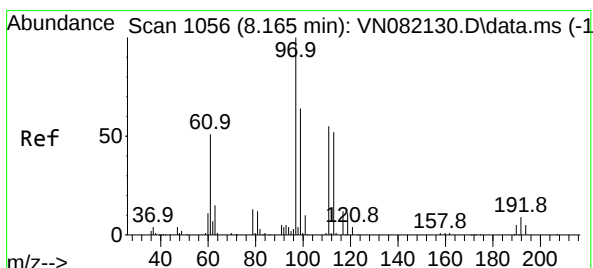
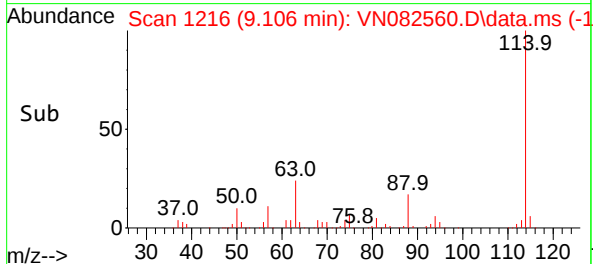
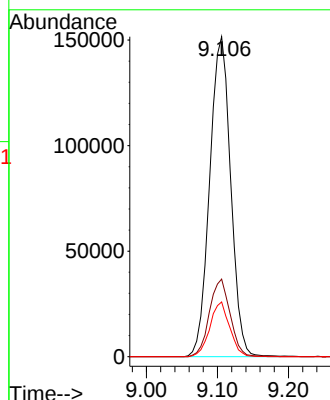
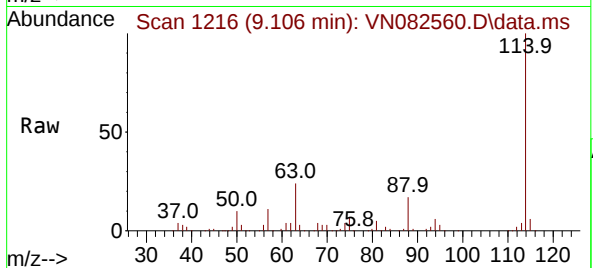
Tgt Ion:114 Resp: 310957

Ion Ratio Lower Upper

114 100

63 24.3 0.0 41.0

88 17.1 0.0 31.4



#35

Dibromofluoromethane

Concen: 50.978 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082560.D

Acq: 13 Jun 2024 15:31

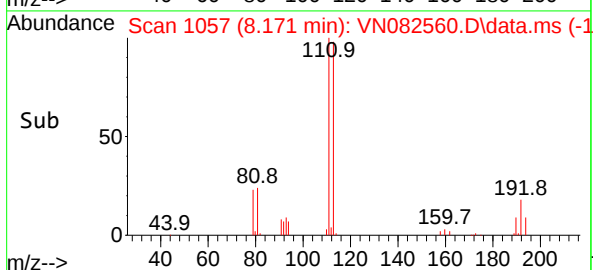
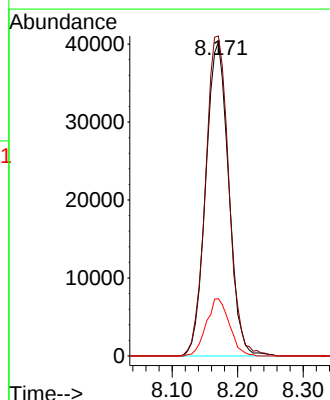
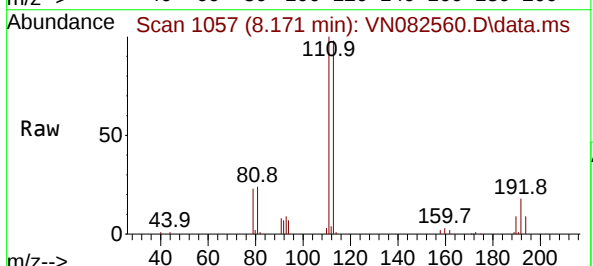
Tgt Ion:113 Resp: 97514

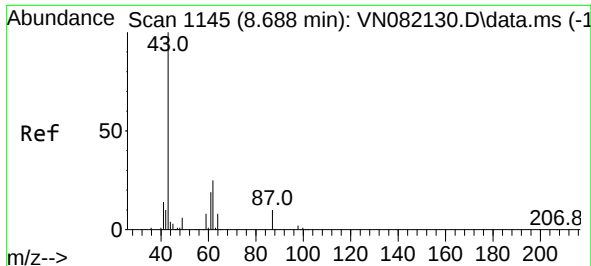
Ion Ratio Lower Upper

113 100

111 104.0 83.4 125.2

192 18.4 14.0 21.0

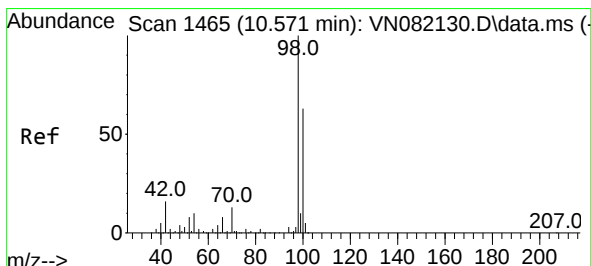
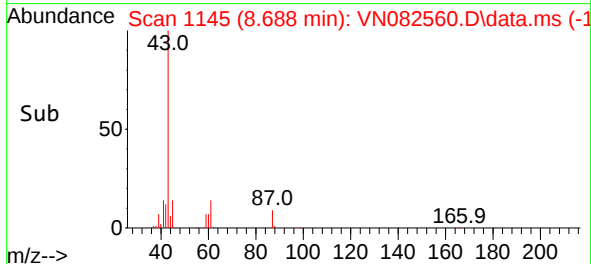
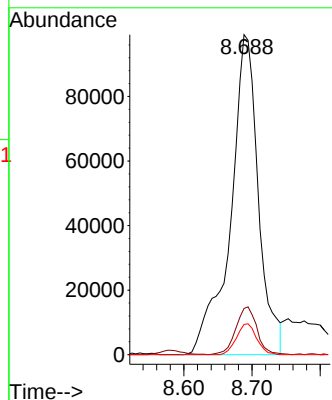
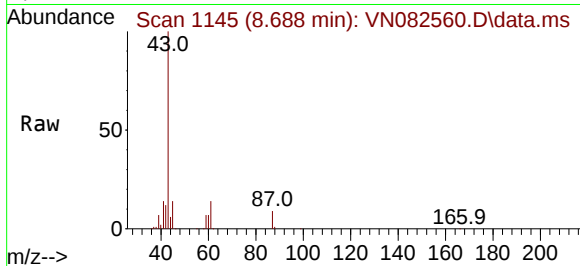




#43
Isopropyl Acetate
Concen: 44.397 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082560.D
Acq: 13 Jun 2024 15:31

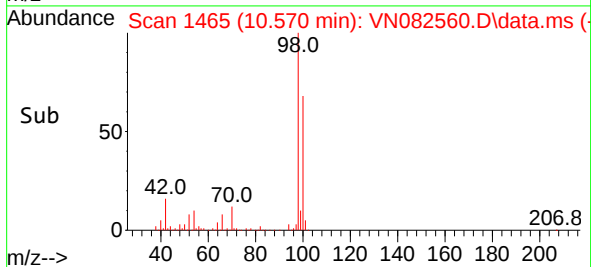
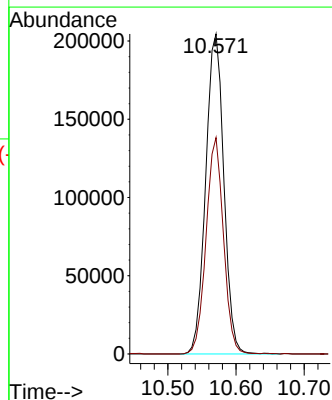
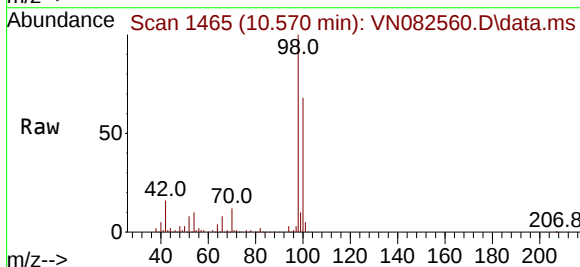
Instrument :
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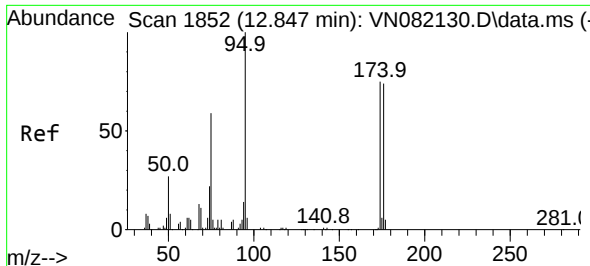
Tgt Ion: 43 Resp: 282449
Ion Ratio Lower Upper
43 100
61 11.4 22.8 34.2#
87 7.0 12.0 18.0#



#50
Toluene-d8
Concen: 51.627 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082560.D
Acq: 13 Jun 2024 15:31

Tgt Ion: 98 Resp: 378621
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6

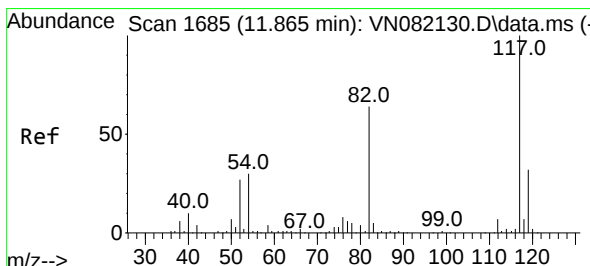
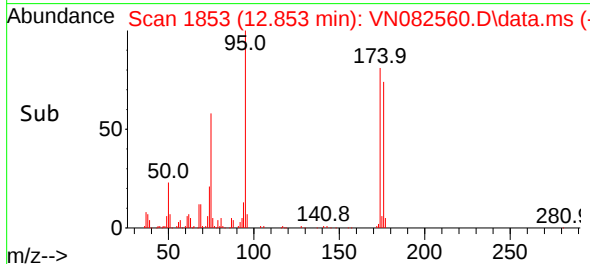
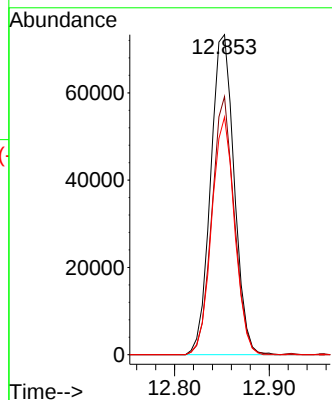
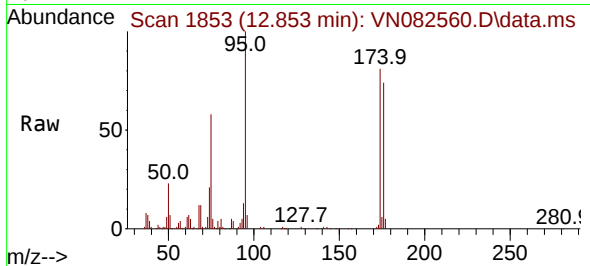




#62
4-Bromofluorobenzene
Concen: 48.378 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082560.D
Acq: 13 Jun 2024 15:31

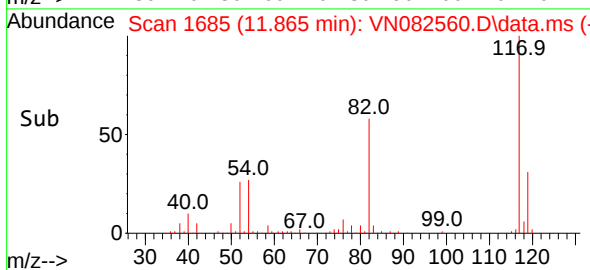
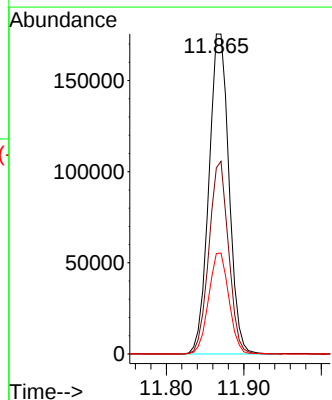
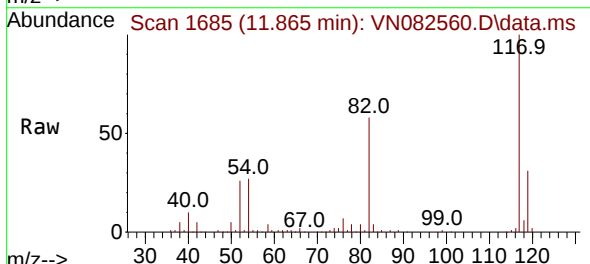
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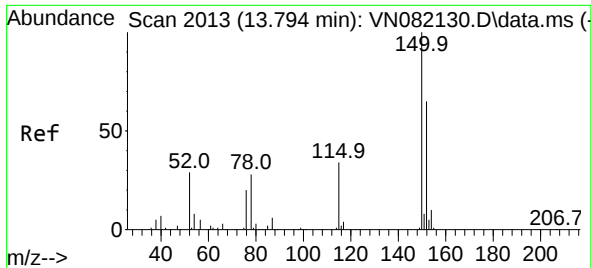
Tgt Ion: 95 Resp: 126634
Ion Ratio Lower Upper
95 100
174 76.8 0.0 160.6
176 72.3 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082560.D
Acq: 13 Jun 2024 15:31

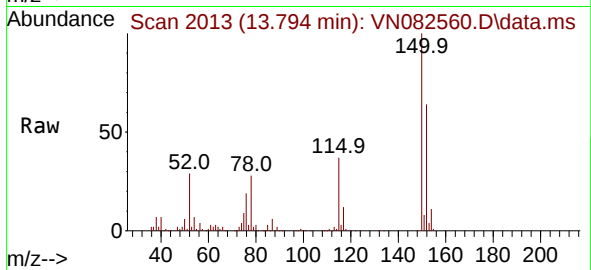
Tgt Ion: 117 Resp: 315972
Ion Ratio Lower Upper
117 100
82 58.1 44.6 66.8
119 31.4 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN082560.D
 Acq: 13 Jun 2024 15:31

Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion:152 Resp: 130883
 Ion Ratio Lower Upper
 152 100
 115 57.8 30.4 91.3
 150 155.6 0.0 353.2

