

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061324\
 Data File : VN082564.D
 Acq On : 13 Jun 2024 17:09
 Operator : JC\MD
 Sample : P2853-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 12

Quant Time: Jun 14 02:32:26 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)

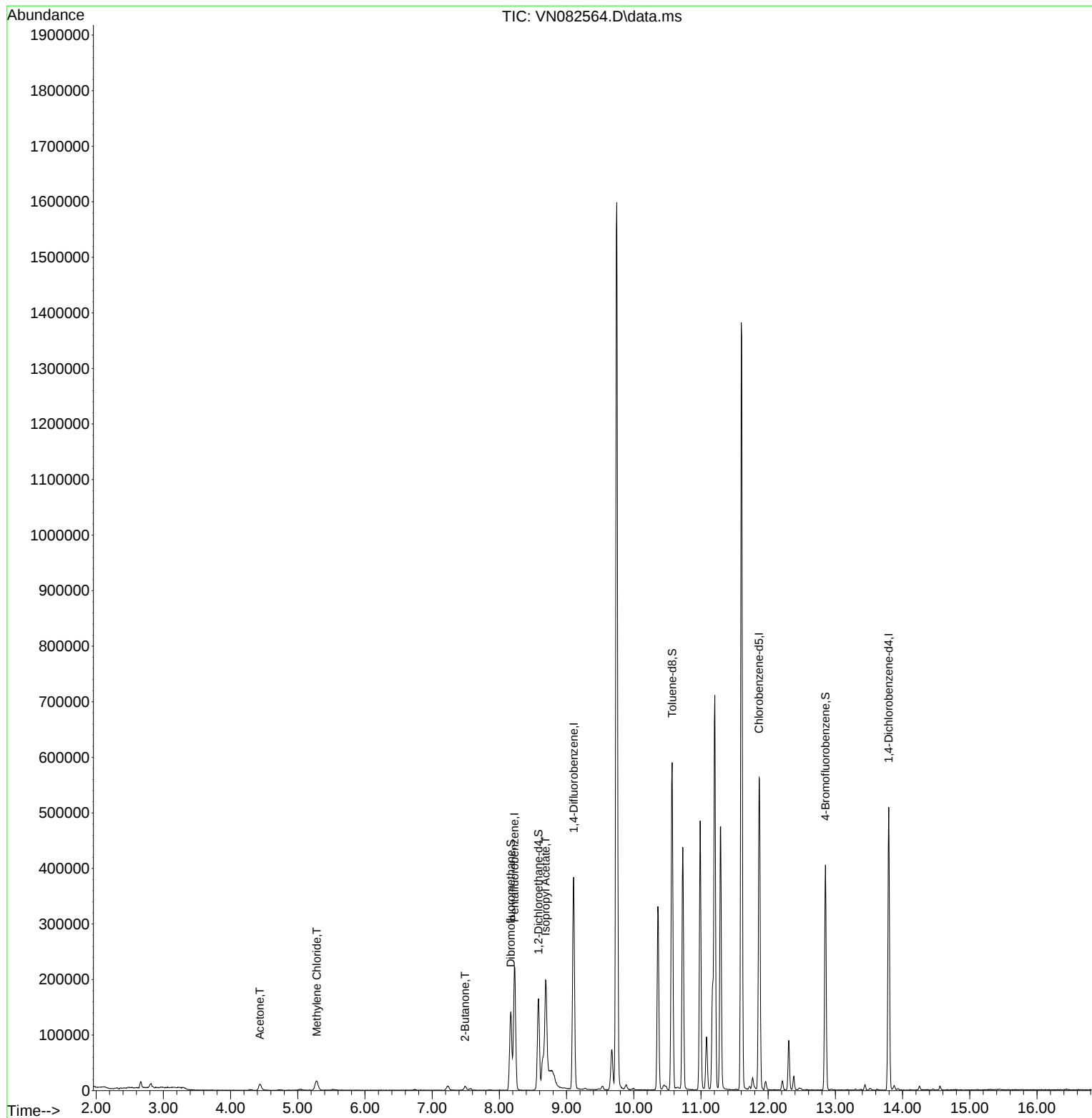
Internal Standards						
1) Pentafluorobenzene	8.224	168	153745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	296170	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	309375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	125014	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	132065	54.400	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.800%	
35) Dibromofluoromethane	8.171	113	96469	52.950	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.900%	
50) Toluene-d8	10.570	98	382440	54.751	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.500%	
62) 4-Bromofluorobenzene	12.853	95	125784	50.452	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 100.900%	
Target Compounds						Qvalue
16) Acetone	4.436	43	21751	21.841	ug/l	98
20) Methylene Chloride	5.283	84	12993	6.466	ug/l #	73
25) 2-Butanone	7.488	43	12058	7.986	ug/l #	85
43) Isopropyl Acetate	8.688	43	296286	48.898	ug/l #	71

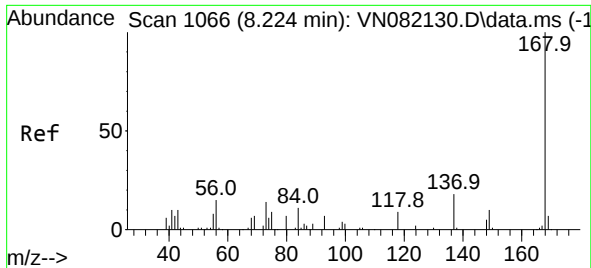
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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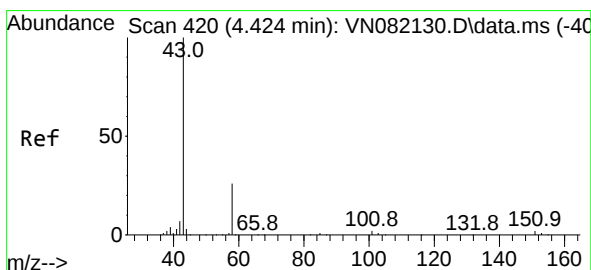
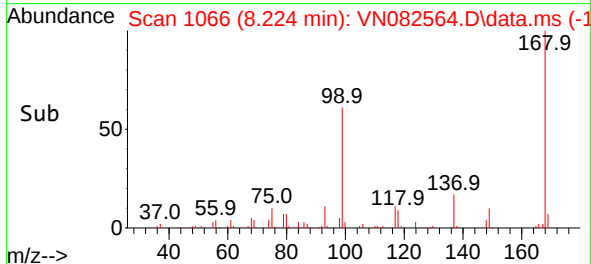
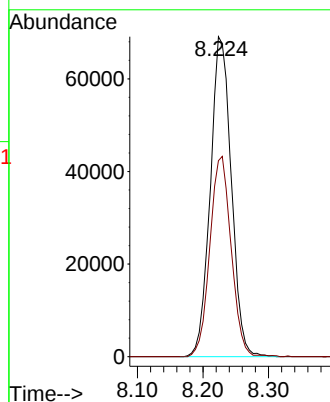
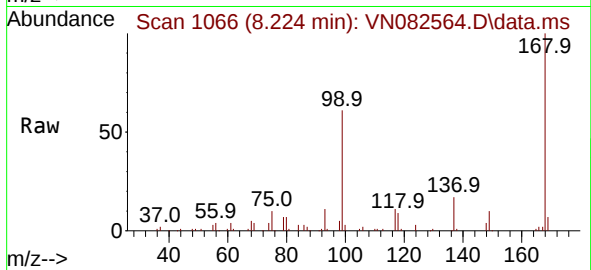




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082564.D
Acq: 13 Jun 2024 17:09

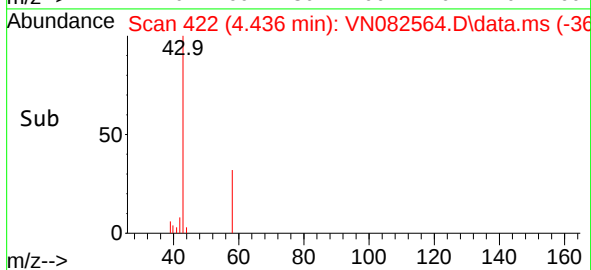
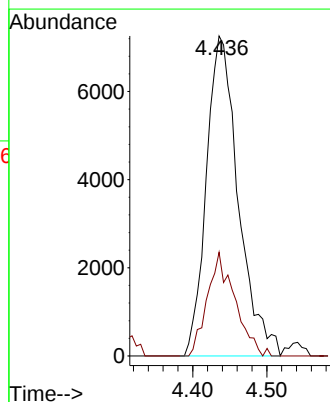
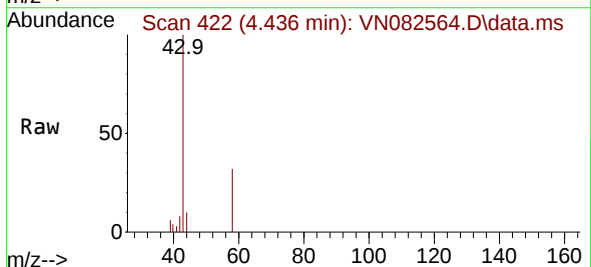
Instrument :
MSVOA_N
ClientSampleId :
12

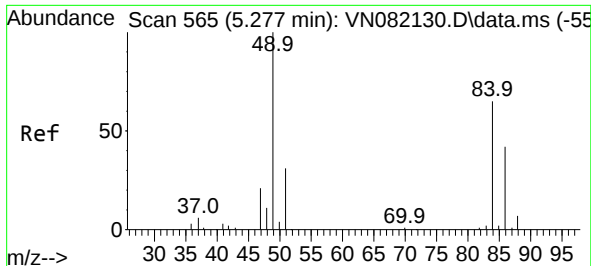
Tgt Ion:168 Resp: 153745
Ion Ratio Lower Upper
168 100
99 61.2 48.2 72.4



#16
Acetone
Concen: 21.841 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082564.D
Acq: 13 Jun 2024 17:09

Tgt Ion: 43 Resp: 21751
Ion Ratio Lower Upper
43 100
58 32.4 25.2 37.8

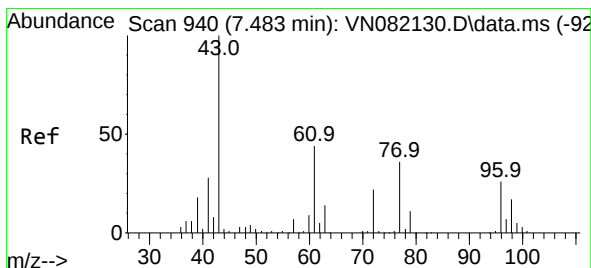
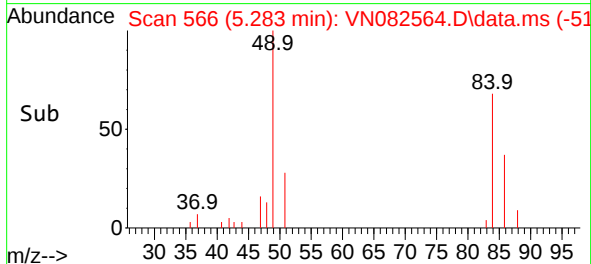
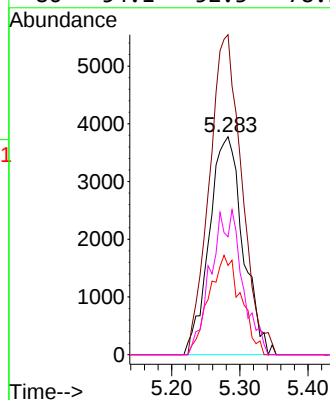
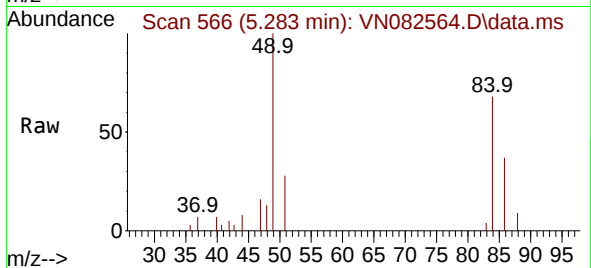




#20
Methylene Chloride
Concen: 6.466 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082564.D
Acq: 13 Jun 2024 17:09

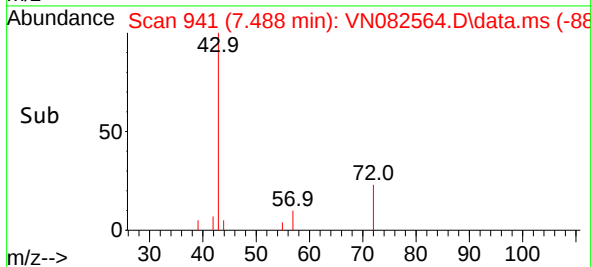
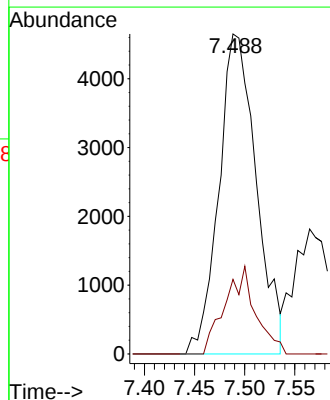
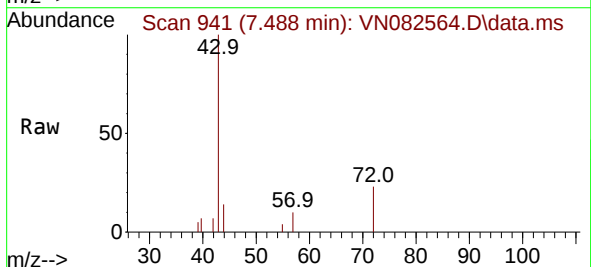
Instrument :
MSVOA_N
ClientSampleId :
12

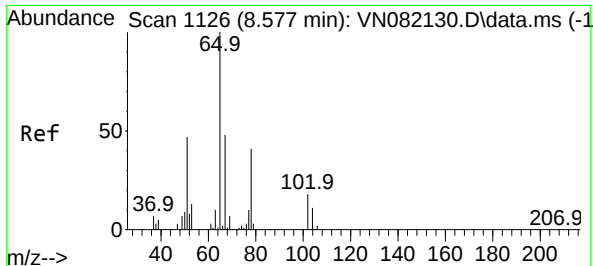
Tgt Ion:	84	Resp:	12993
Ion	Ratio	Lower	Upper
84	100		
49	146.9	84.9	127.3#
51	41.0	27.0	40.6#
86	54.1	52.3	78.5



#25
2-Butanone
Concen: 7.986 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082564.D
Acq: 13 Jun 2024 17:09

Tgt Ion:	43	Resp:	12058
Ion	Ratio	Lower	Upper
43	100		
72	23.3	25.3	37.9#

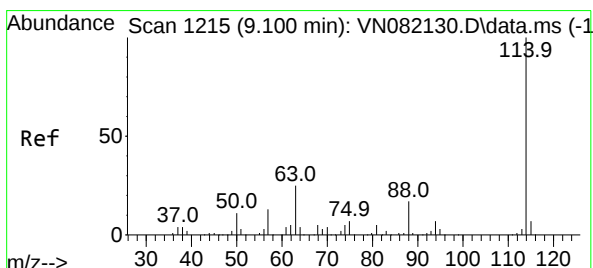
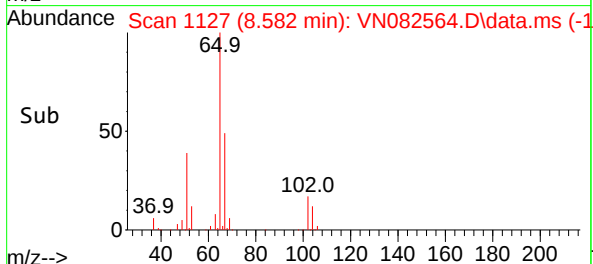
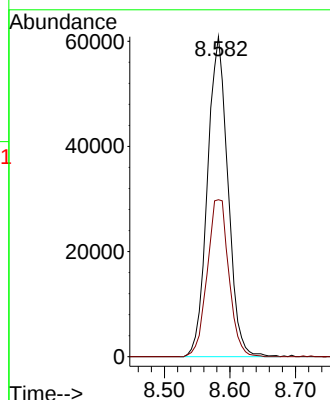
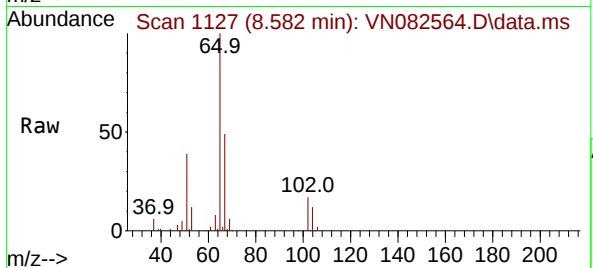




#33
1,2-Dichloroethane-d4
Concen: 54.400 ug/l
RT: 8.582 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN082564.D
Acq: 13 Jun 2024 17:09

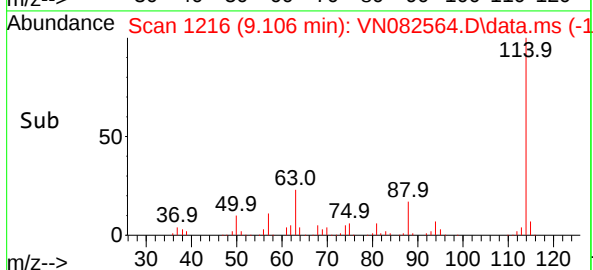
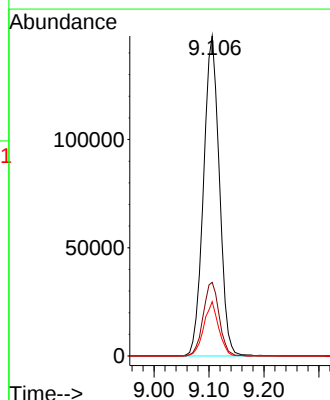
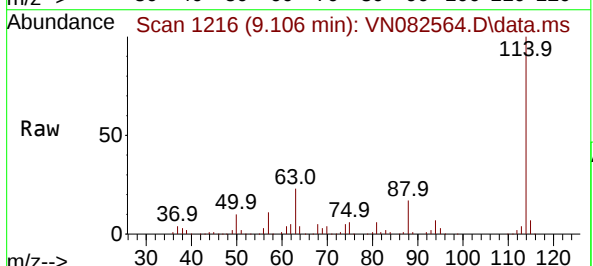
Instrument :
MSVOA_N
ClientSampleId :
12

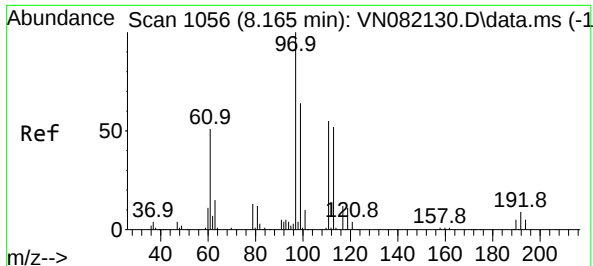
Tgt Ion: 65 Resp: 132065
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN082564.D
Acq: 13 Jun 2024 17:09

Tgt Ion: 114 Resp: 296170
Ion Ratio Lower Upper
114 100
63 23.0 0.0 41.0
88 16.9 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.950 ug/l

RT: 8.171 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VN082564.D

Acq: 13 Jun 2024 17:09

Instrument :

MSVOA_N

ClientSampleId :

12

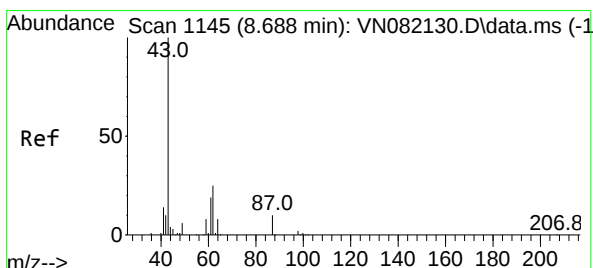
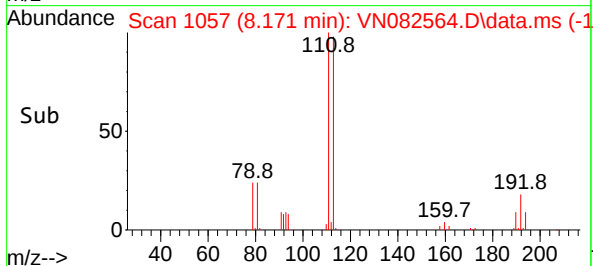
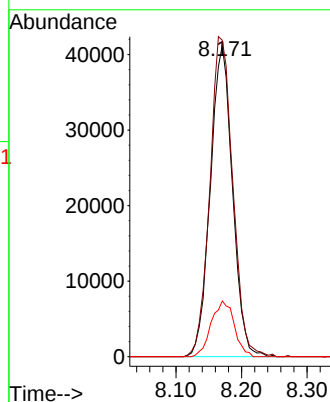
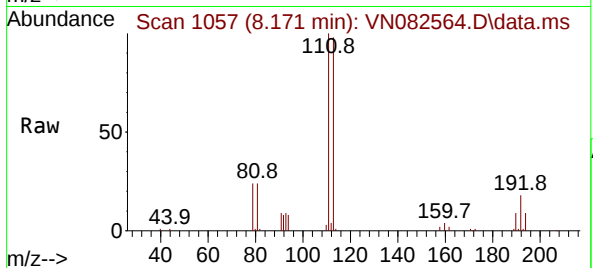
Tgt Ion:113 Resp: 96469

Ion Ratio Lower Upper

113 100

111 106.6 83.4 125.2

192 18.6 14.0 21.0



#43

Isopropyl Acetate

Concen: 48.898 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN082564.D

Acq: 13 Jun 2024 17:09

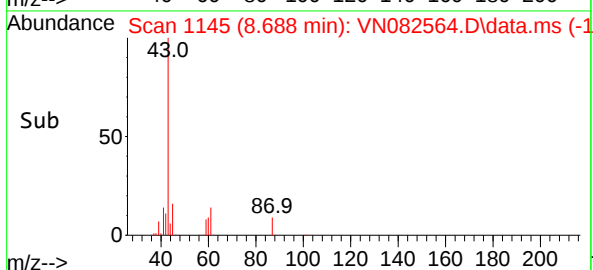
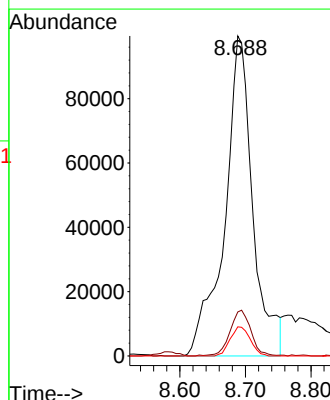
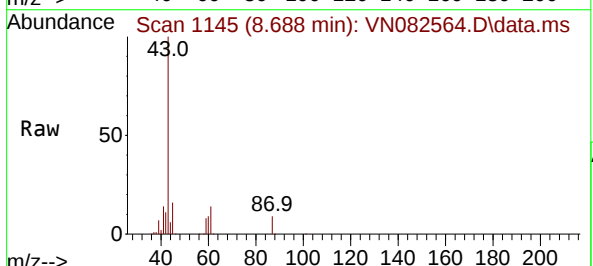
Tgt Ion: 43 Resp: 296286

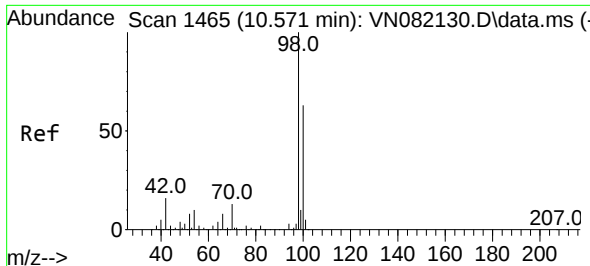
Ion Ratio Lower Upper

43 100

61 10.7 22.8 34.2#

87 6.5 12.0 18.0#

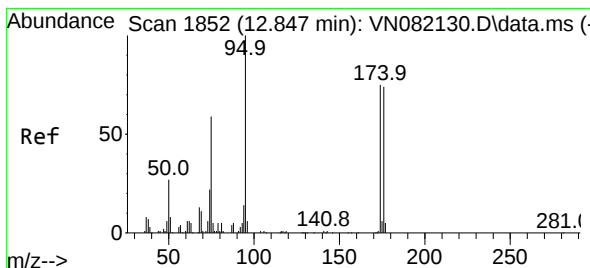
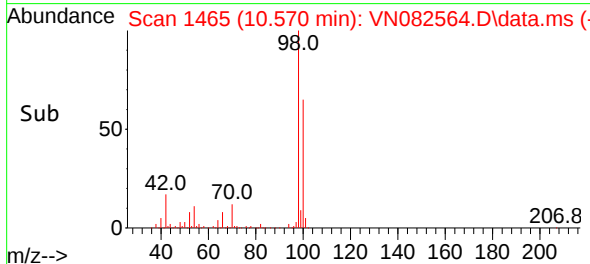
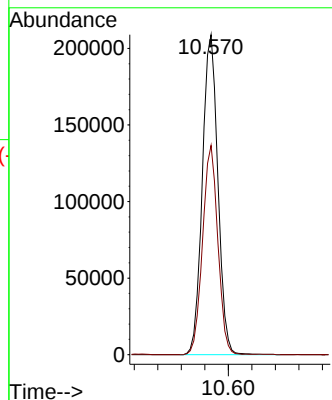
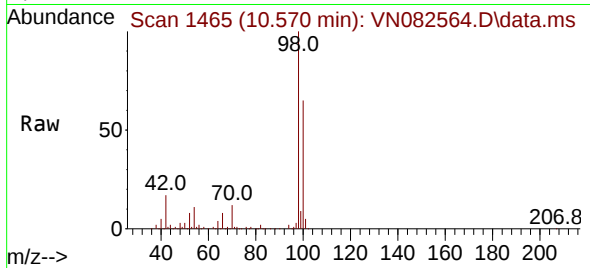




#50
Toluene-d8
Concen: 54.751 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082564.D
Acq: 13 Jun 2024 17:09

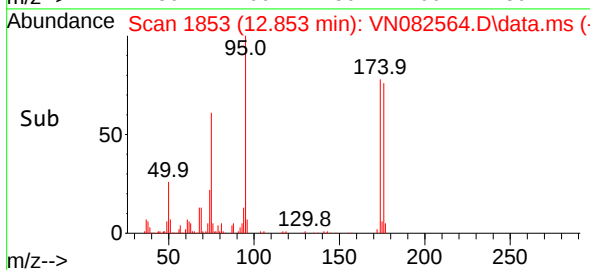
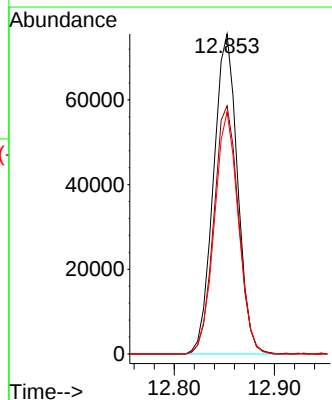
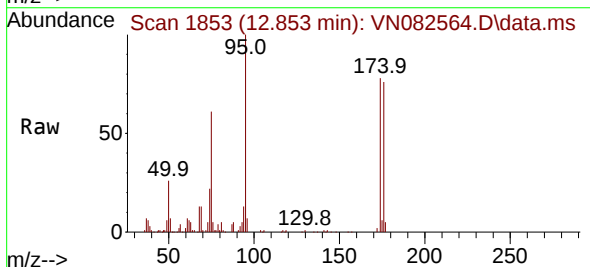
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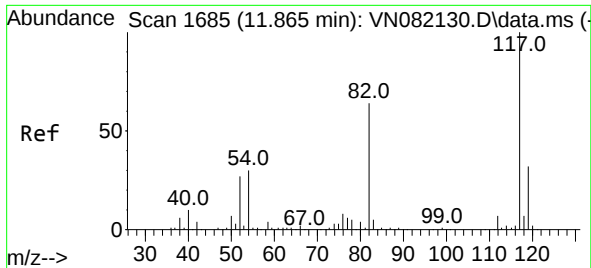
Tgt Ion: 98 Resp: 382440
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 50.452 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082564.D
Acq: 13 Jun 2024 17:09

Tgt Ion: 95 Resp: 125784
Ion Ratio Lower Upper
95 100
174 79.5 0.0 160.6
176 75.8 0.0 152.8

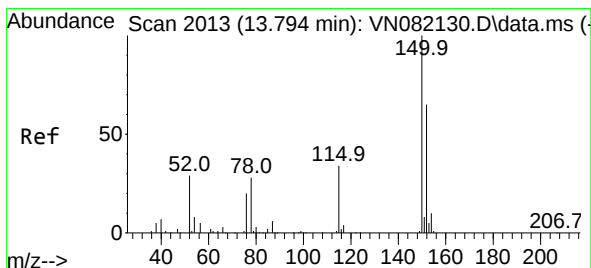
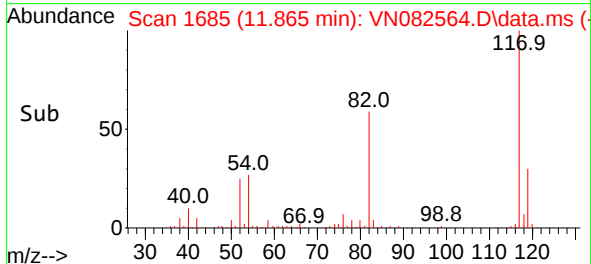
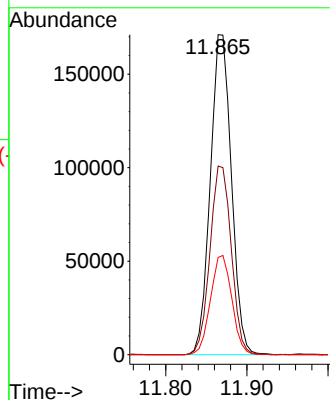
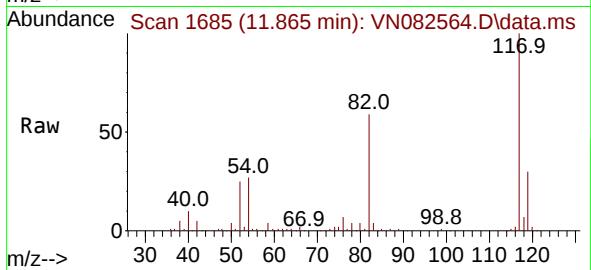




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082564.D
Acq: 13 Jun 2024 17:09

Instrument :
MSVOA_N
ClientSampleId :
12

Tgt Ion:117 Resp: 309375
Ion Ratio Lower Upper
117 100
82 58.9 44.6 66.8
119 30.4 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082564.D
Acq: 13 Jun 2024 17:09

Tgt Ion:152 Resp: 125014
Ion Ratio Lower Upper
152 100
115 60.2 30.4 91.3
150 157.2 0.0 353.2

