

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030624\
 Data File : VN081322.D
 Acq On : 06 Mar 2024 13:26
 Operator : JC\MD
 Sample : PB159453ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB159453ZHE#03

Quant Time: Mar 07 00:25:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

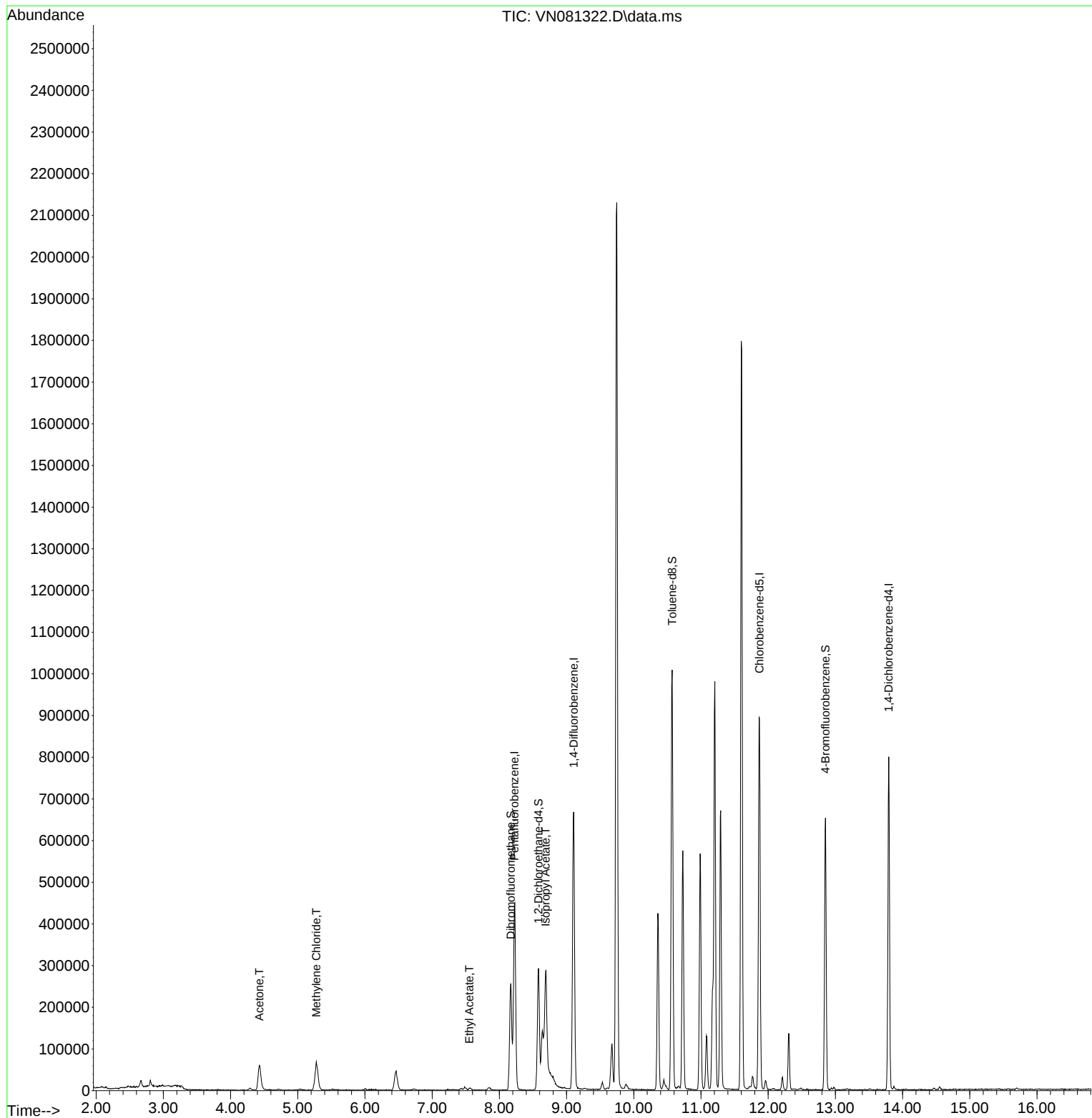
Internal Standards						
1) Pentafluorobenzene	8.223	168	302922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	569449	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	513401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	197457	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	231392	52.830	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 105.660%		
35) Dibromofluoromethane	8.171	113	180078	51.616	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.240%		
50) Toluene-d8	10.570	98	686654	52.649	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 105.300%		
62) 4-Bromofluorobenzene	12.853	95	217753	47.239	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 94.480%		
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	111417	71.797	ug/l	95
20) Methylene Chloride	5.277	84	51814	12.917	ug/l	90
37) Ethyl Acetate	7.553	43	7912	1.438	ug/l #	93
43) Isopropyl Acetate	8.688	43	334980	34.784	ug/l #	84

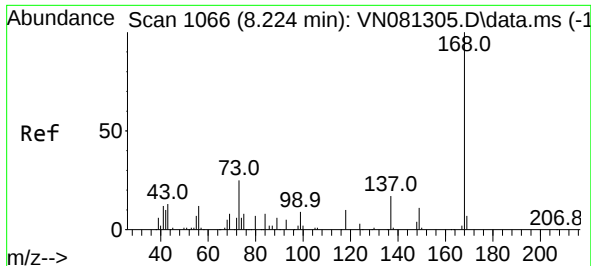
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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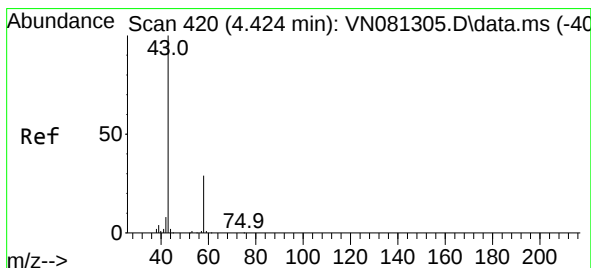
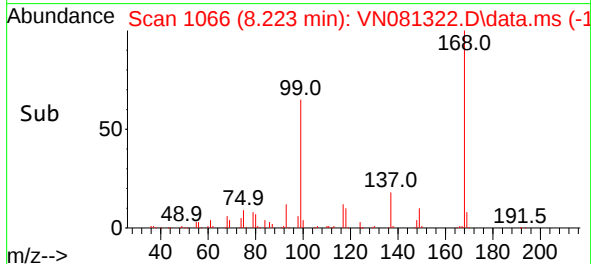
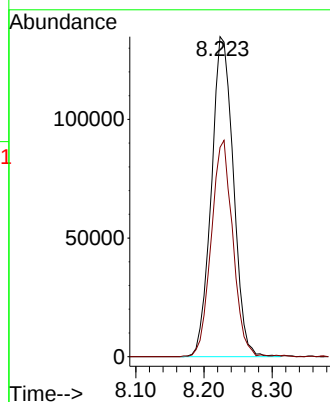
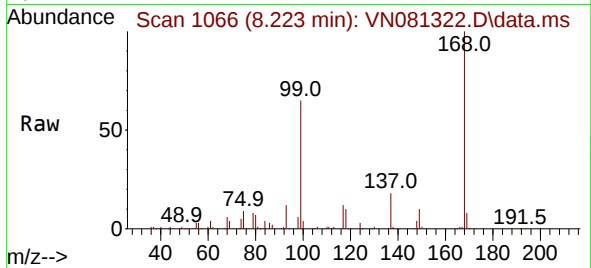




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.223 min Scan# 1066
Delta R.T. -0.001 min
Lab File: VN081322.D
Acq: 06 Mar 2024 13:26

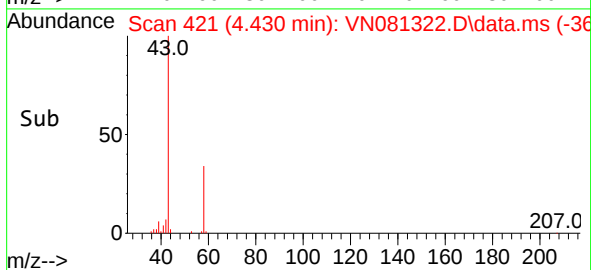
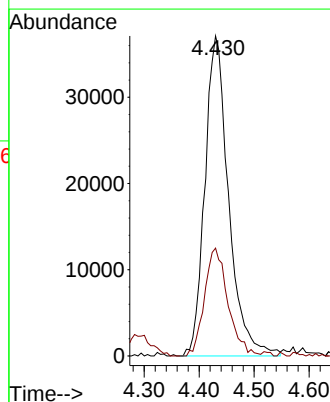
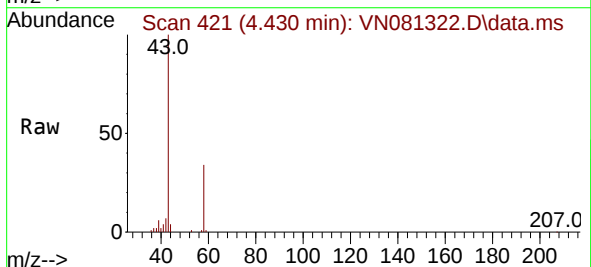
Instrument :
MSVOA_N
ClientSampleId :
PB159453ZHE#03

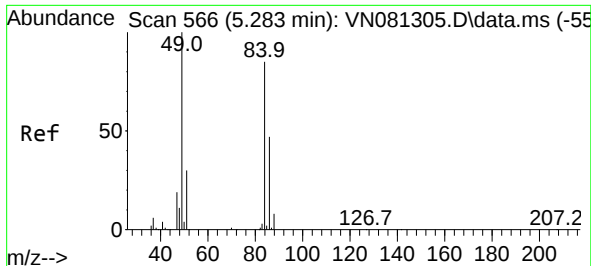
Tgt Ion:168 Resp: 302922
Ion Ratio Lower Upper
168 100
99 65.4 59.9 89.9



#16
Acetone
Concen: 71.797 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081322.D
Acq: 06 Mar 2024 13:26

Tgt Ion: 43 Resp: 111417
Ion Ratio Lower Upper
43 100
58 33.7 24.8 37.2

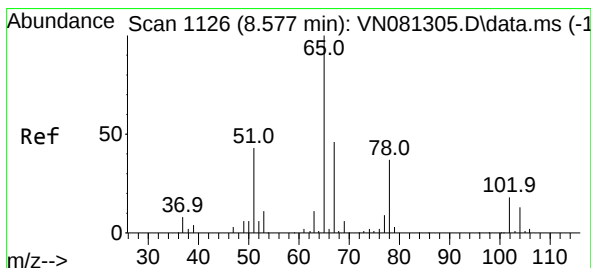
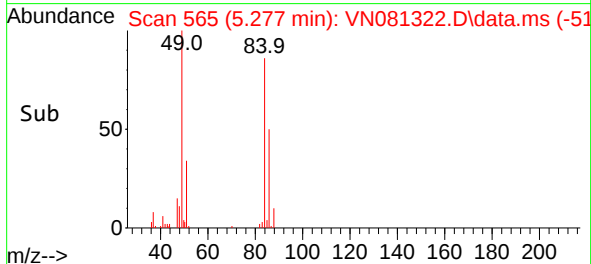
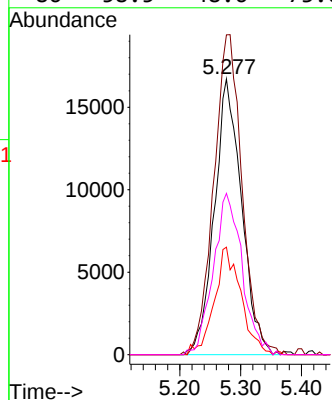
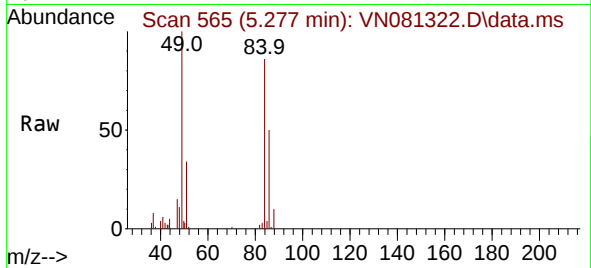




#20
Methylene Chloride
Concen: 12.917 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN081322.D
Acq: 06 Mar 2024 13:26

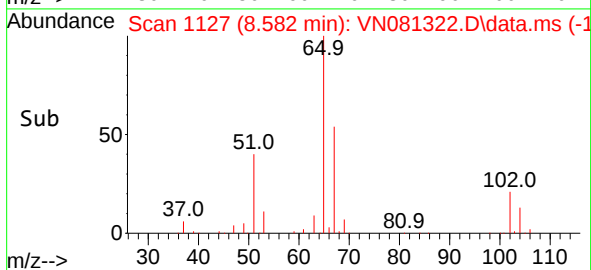
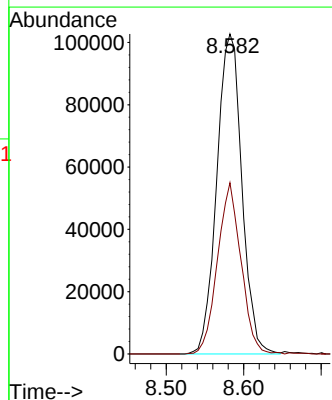
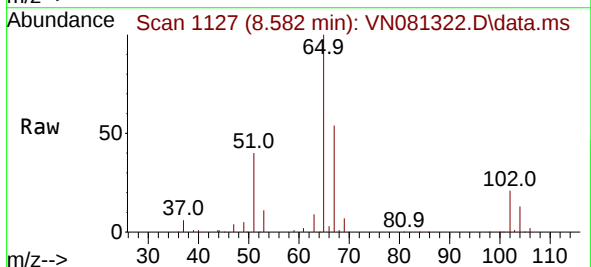
Instrument :
MSVOA_N
ClientSampleId :
PB159453ZHE#03

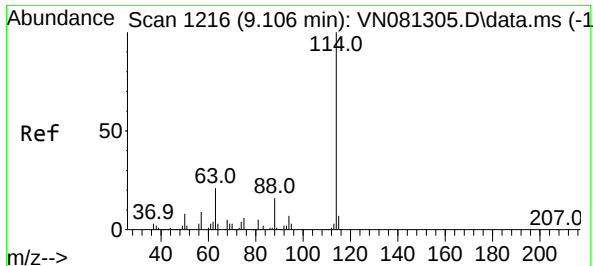
Tgt Ion:	84	Resp:	51814
Ion	Ratio	Lower	Upper
84	100		
49	116.0	108.1	162.1
51	39.0	32.9	49.3
86	58.5	48.6	73.0



#33
1,2-Dichloroethane-d4
Concen: 52.830 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081322.D
Acq: 06 Mar 2024 13:26

Tgt Ion:	65	Resp:	231392
Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	102.4

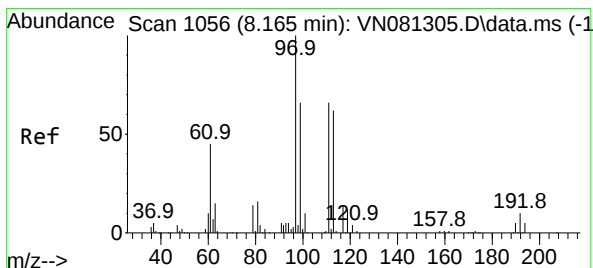
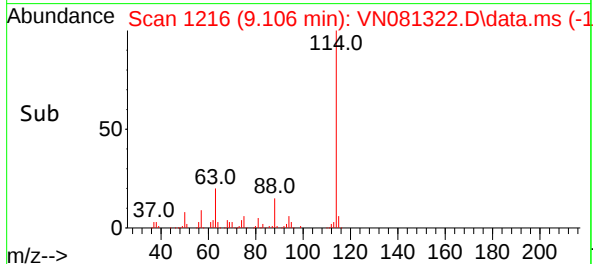
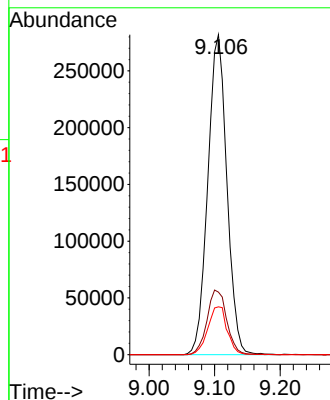
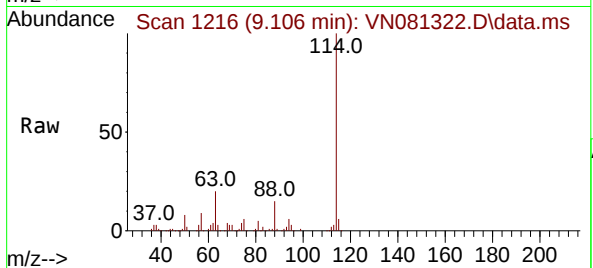




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081322.D
Acq: 06 Mar 2024 13:26

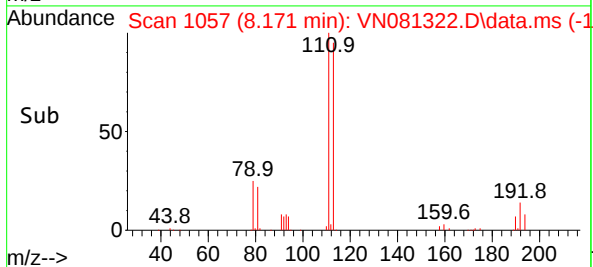
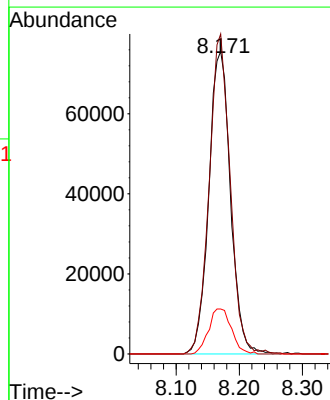
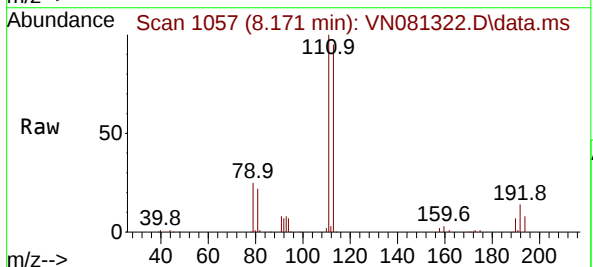
Instrument :
MSVOA_N
ClientSampleId :
PB159453ZHE#03

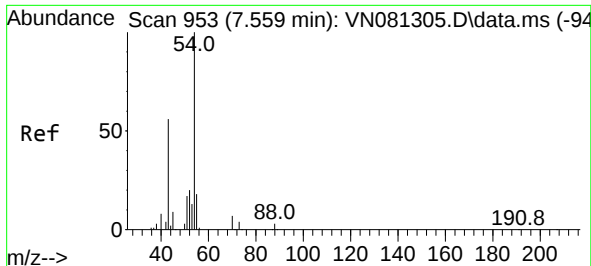
Tgt Ion:114 Resp: 569449
Ion Ratio Lower Upper
114 100
63 19.6 0.0 48.0
88 14.9 0.0 34.8



#35
Dibromofluoromethane
Concen: 51.616 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081322.D
Acq: 06 Mar 2024 13:26

Tgt Ion:113 Resp: 180078
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 15.7 12.5 18.7





#37

Ethyl Acetate

Concen: 1.438 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN081322.D

Acq: 06 Mar 2024 13:26

Instrument :

MSVOA_N

ClientSampleId :

PB159453ZHE#03

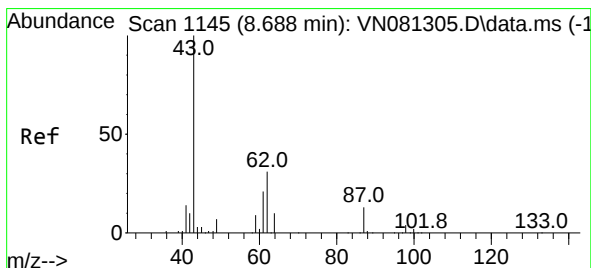
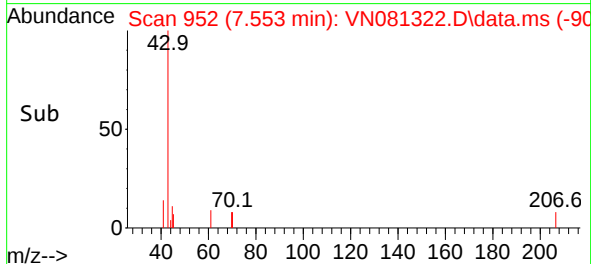
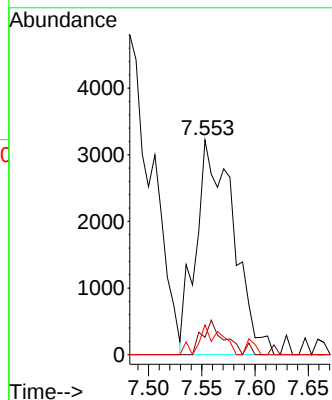
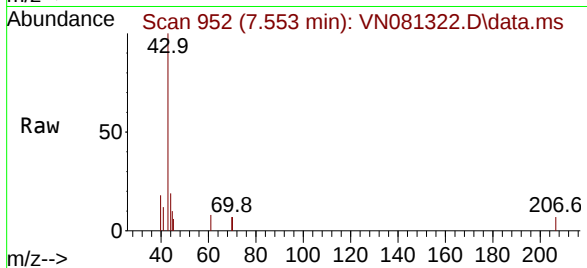
Tgt Ion: 43 Resp: 7912

Ion Ratio Lower Upper

43 100

61 9.8 10.6 15.8#

70 8.1 8.0 12.0



#43

Isopropyl Acetate

Concen: 34.784 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN081322.D

Acq: 06 Mar 2024 13:26

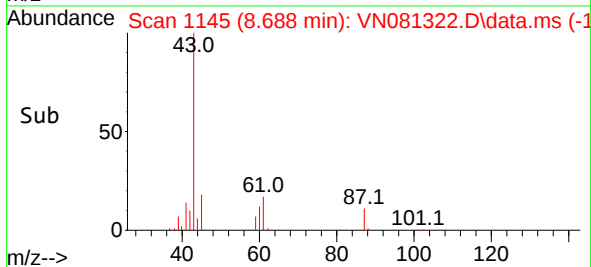
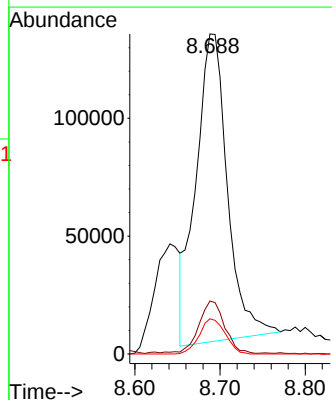
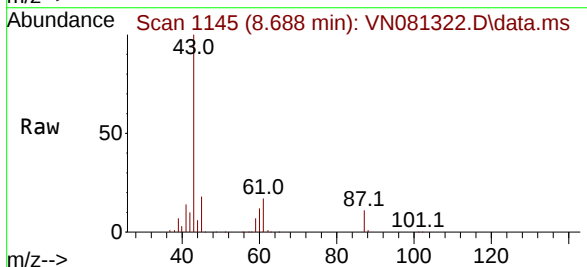
Tgt Ion: 43 Resp: 334980

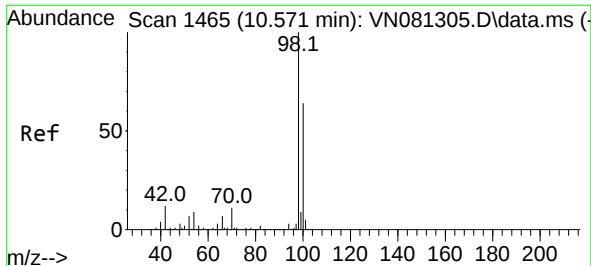
Ion Ratio Lower Upper

43 100

61 14.0 19.9 29.9#

87 9.4 9.0 13.6

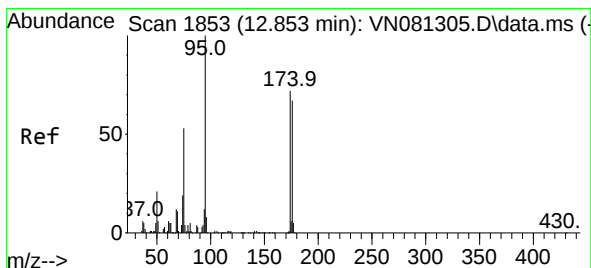
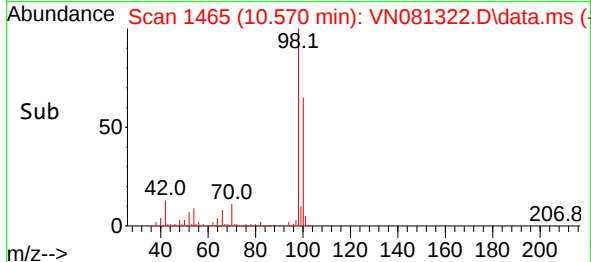
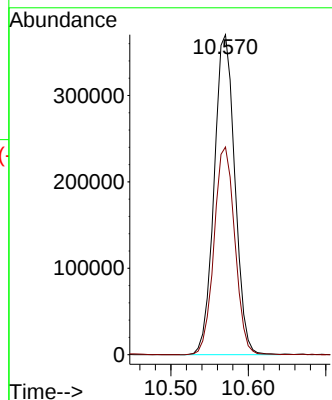
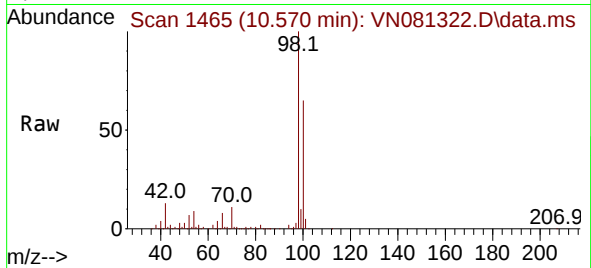




#50
Toluene-d8
Concen: 52.649 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081322.D
Acq: 06 Mar 2024 13:26

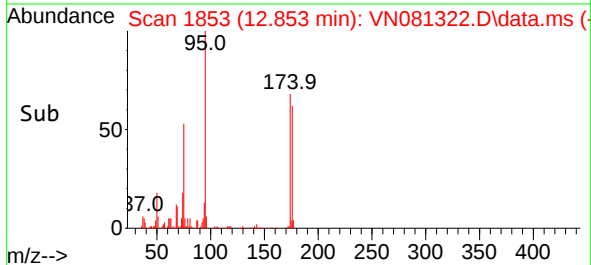
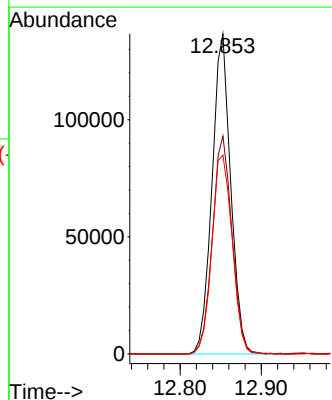
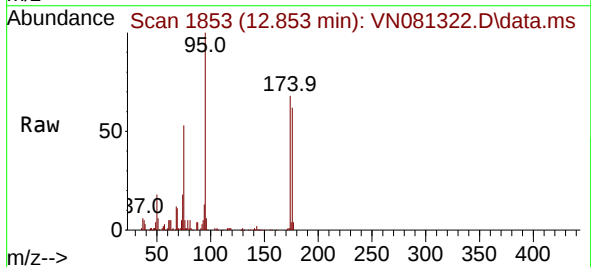
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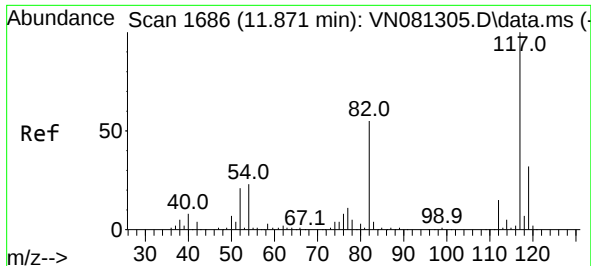
Tgt Ion: 98 Resp: 686654
Ion Ratio Lower Upper
98 100
100 65.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 47.239 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081322.D
Acq: 06 Mar 2024 13:26

Tgt Ion: 95 Resp: 217753
Ion Ratio Lower Upper
95 100
174 71.6 0.0 120.4
176 67.7 0.0 121.0

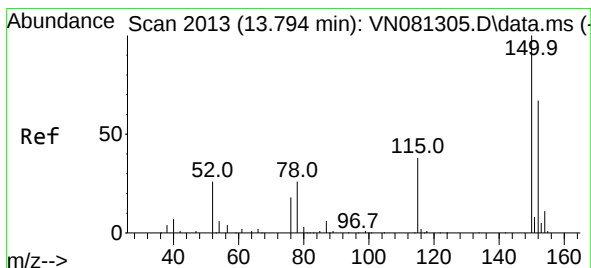
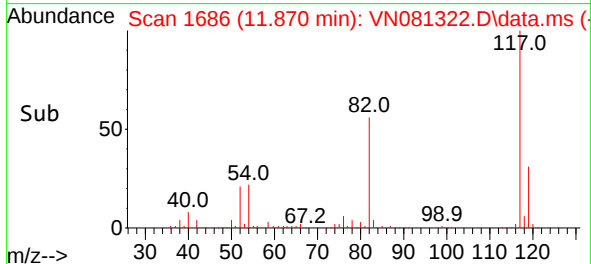
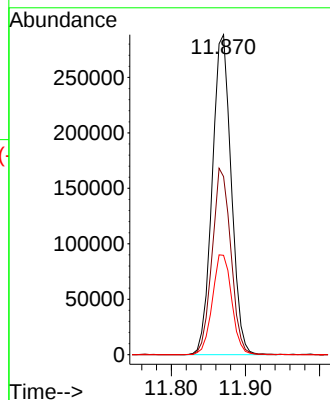
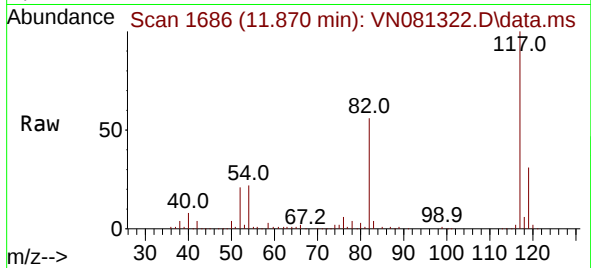




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081322.D
Acq: 06 Mar 2024 13:26

Instrument :
MSVOA_N
ClientSampleId :
PB159453ZHE#03

Tgt Ion:117 Resp: 513401
Ion Ratio Lower Upper
117 100
82 55.6 52.7 79.1
119 31.0 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081322.D
Acq: 06 Mar 2024 13:26

Tgt Ion:152 Resp: 197457
Ion Ratio Lower Upper
152 100
115 65.0 32.3 96.8
150 157.2 0.0 339.8

