

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030624\
 Data File : VN081324.D
 Acq On : 06 Mar 2024 14:14
 Operator : JC\MD
 Sample : PB159453ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB159453ZHE#05

Quant Time: Mar 07 00:26:19 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)

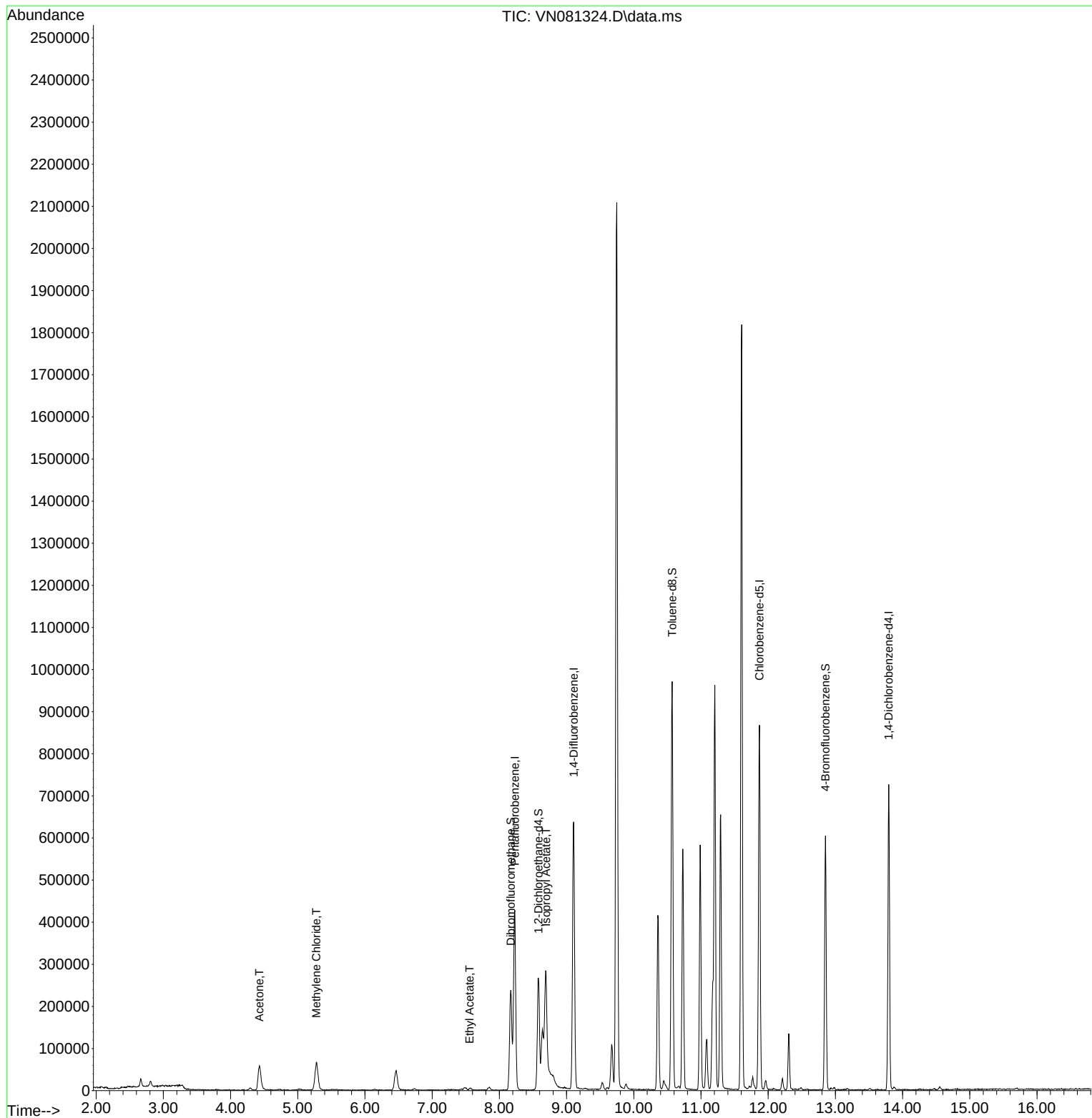
Internal Standards						
1) Pentafluorobenzene	8.230	168	289143	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	546549	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	486318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	180966	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	219430	52.487	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.980%	
35) Dibromofluoromethane	8.171	113	171182	51.122	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.240%	
50) Toluene-d8	10.571	98	657089	52.493	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.980%	
62) 4-Bromofluorobenzene	12.853	95	204513	46.226	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 92.460%	
Target Compounds						
						Qvalue
16) Acetone	4.430	43	111182	75.060	ug/l	97
20) Methylene Chloride	5.277	84	52174	13.672	ug/l	91
37) Ethyl Acetate	7.559	43	6816	1.291	ug/l #	91
43) Isopropyl Acetate	8.694	43	311244	33.674	ug/l #	86

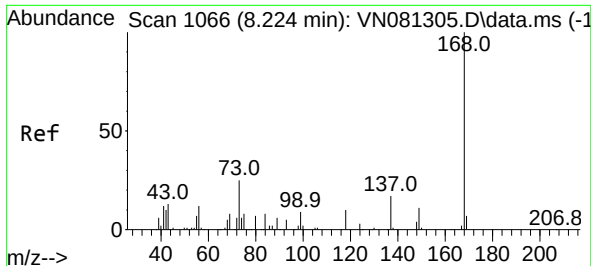
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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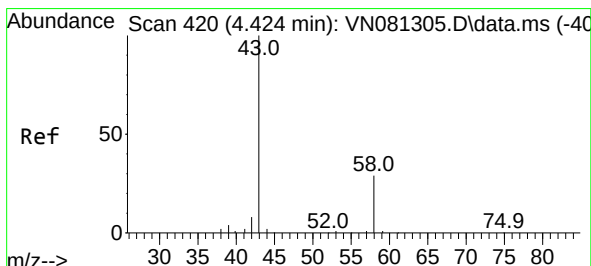
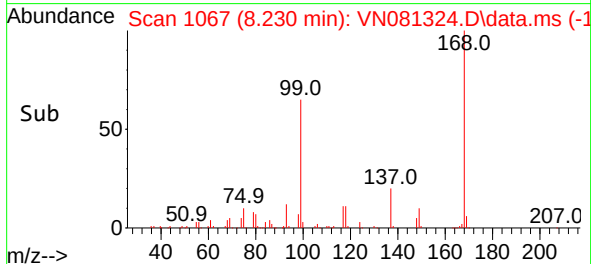
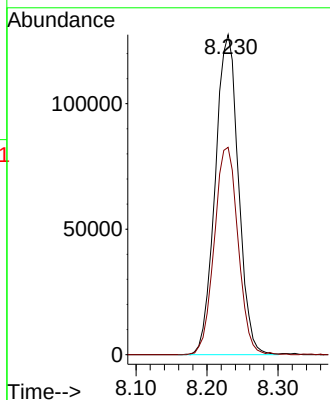
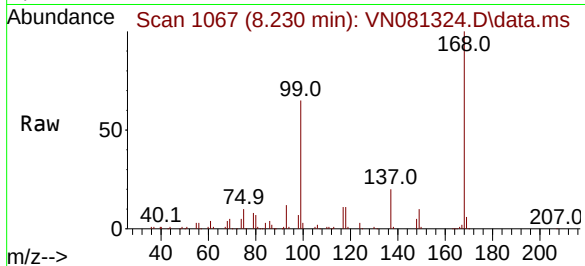




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081324.D
Acq: 06 Mar 2024 14:14

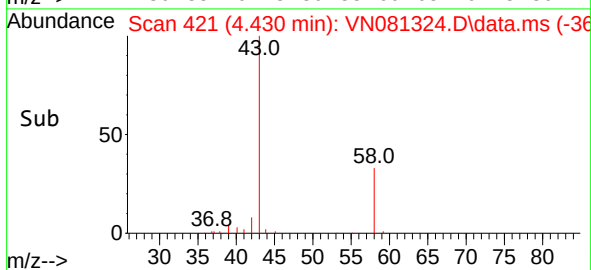
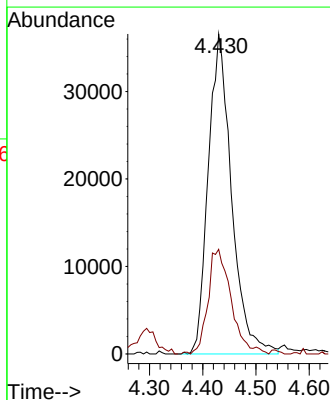
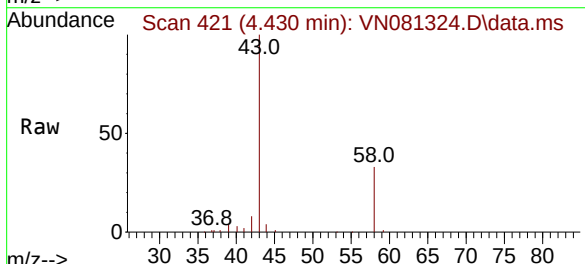
Instrument :
MSVOA_N
ClientSampleId :
PB159453ZHE#05

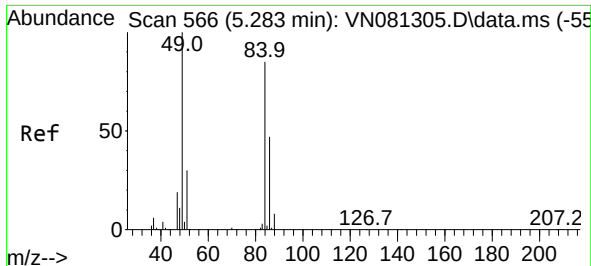
Tgt Ion:168 Resp: 289143
Ion Ratio Lower Upper
168 100
99 64.8 59.9 89.9



#16
Acetone
Concen: 75.060 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081324.D
Acq: 06 Mar 2024 14:14

Tgt Ion: 43 Resp: 111182
Ion Ratio Lower Upper
43 100
58 32.7 24.8 37.2

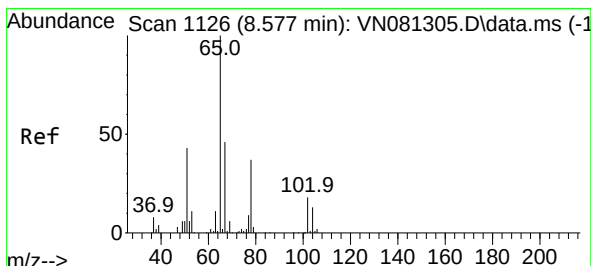
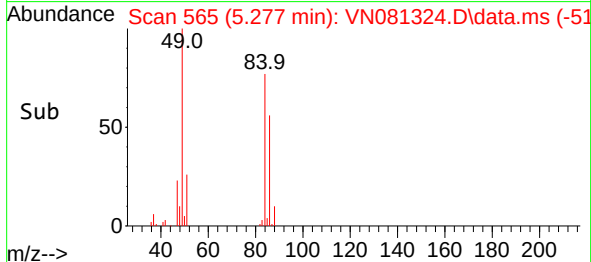
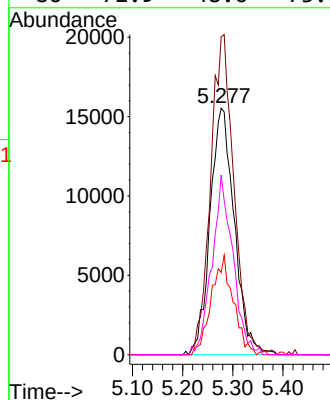
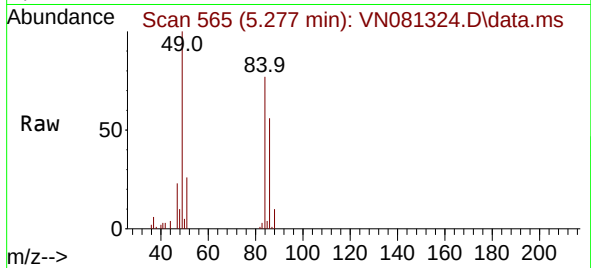




#20
Methylene Chloride
Concen: 13.672 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN081324.D
Acq: 06 Mar 2024 14:14

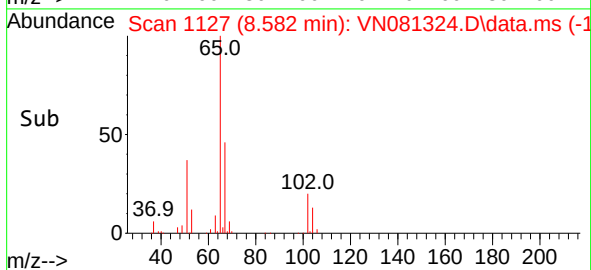
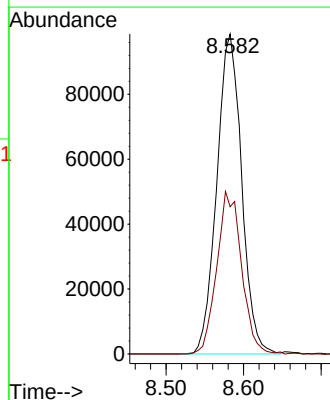
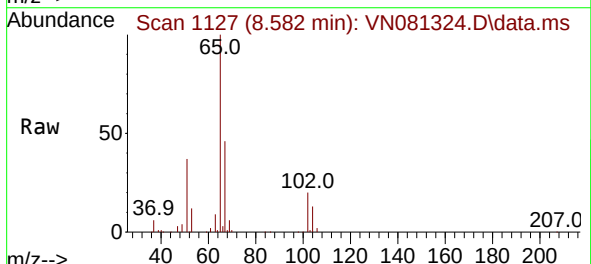
Instrument :
MSVOA_N
ClientSampleId :
PB159453ZHE#05

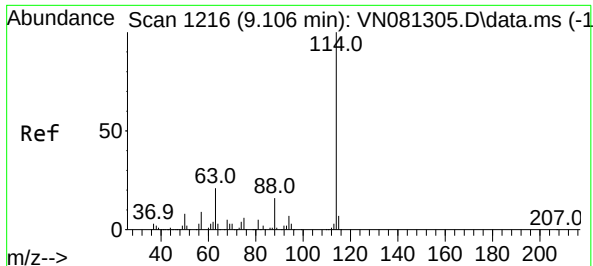
Tgt Ion:	84	Resp:	52174
Ion	Ratio	Lower	Upper
84	100		
49	129.1	108.1	162.1
51	33.4	32.9	49.3
86	72.9	48.6	73.0



#33
1,2-Dichloroethane-d4
Concen: 52.487 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081324.D
Acq: 06 Mar 2024 14:14

Tgt Ion:	65	Resp:	219430
Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	102.4

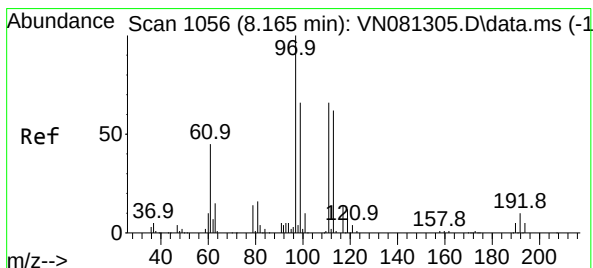
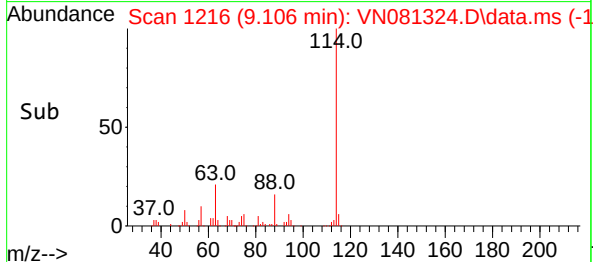
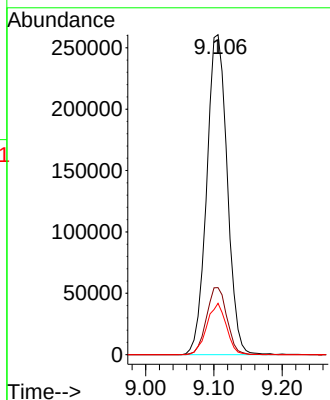
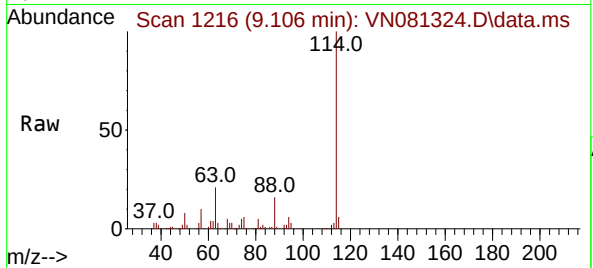




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081324.D
Acq: 06 Mar 2024 14:14

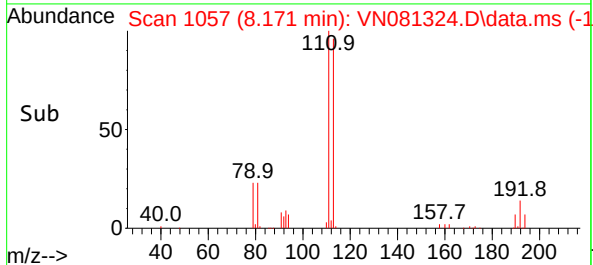
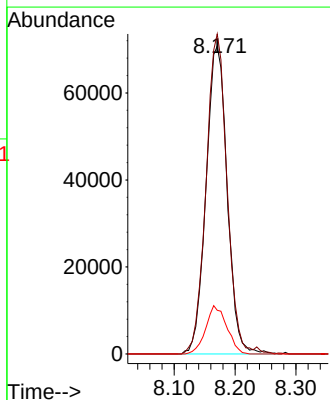
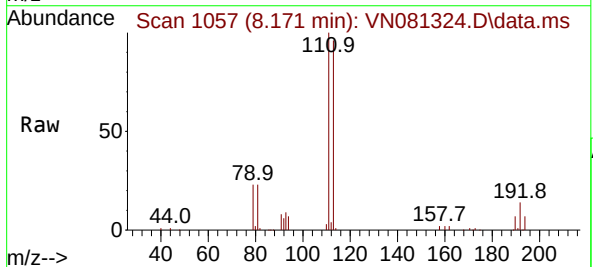
Instrument :
MSVOA_N
ClientSampleId :
PB159453ZHE#05

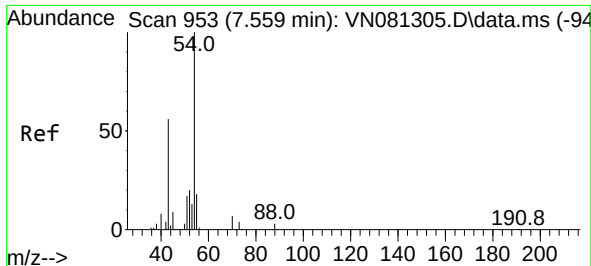
Tgt Ion:114 Resp: 546549
Ion Ratio Lower Upper
114 100
63 20.9 0.0 48.0
88 16.1 0.0 34.8



#35
Dibromofluoromethane
Concen: 51.122 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081324.D
Acq: 06 Mar 2024 14:14

Tgt Ion:113 Resp: 171182
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 15.6 12.5 18.7

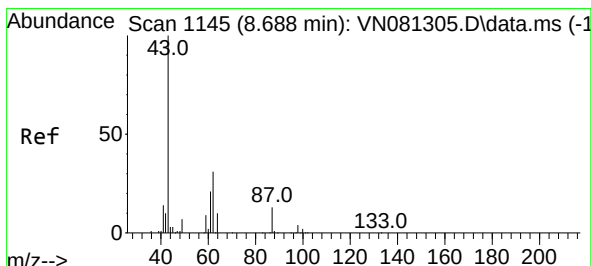
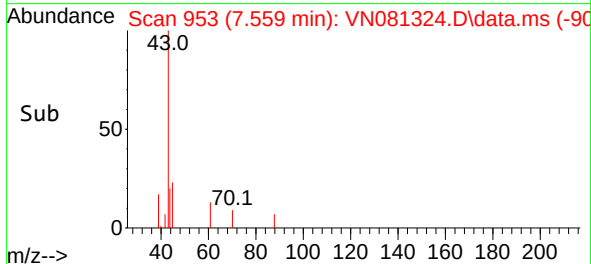
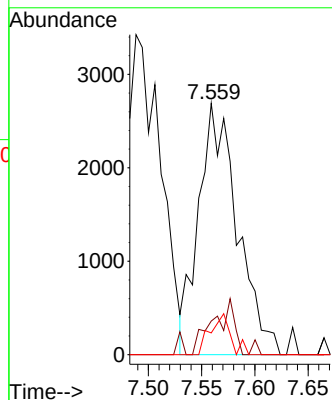
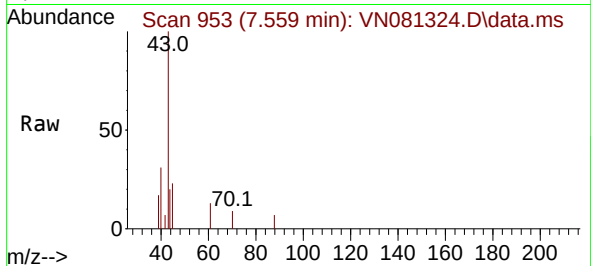




#37
Ethyl Acetate
Concen: 1.291 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN081324.D
Acq: 06 Mar 2024 14:14

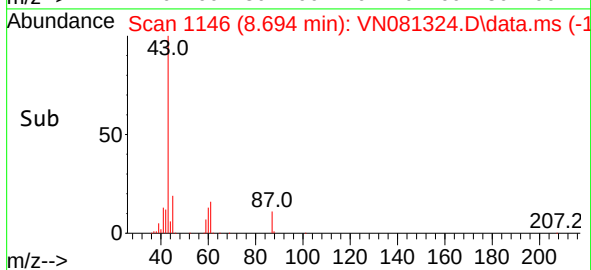
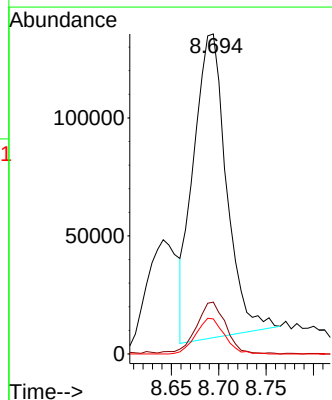
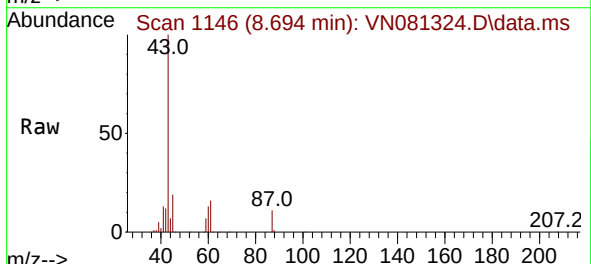
Instrument :
MSVOA_N
ClientSampleId :
PB159453ZHE#05

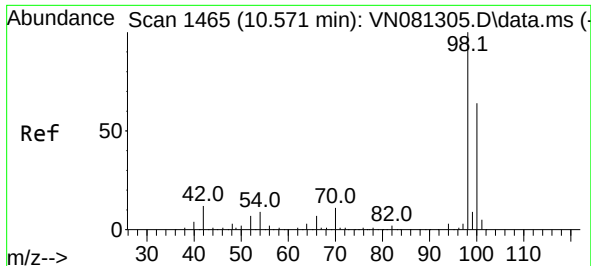
Tgt Ion: 43 Resp: 6816
Ion Ratio Lower Upper
43 100
61 8.0 10.6 15.8#
70 8.5 8.0 12.0



#43
Isopropyl Acetate
Concen: 33.674 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN081324.D
Acq: 06 Mar 2024 14:14

Tgt Ion: 43 Resp: 311244
Ion Ratio Lower Upper
43 100
61 15.5 19.9 29.9#
87 10.2 9.0 13.6

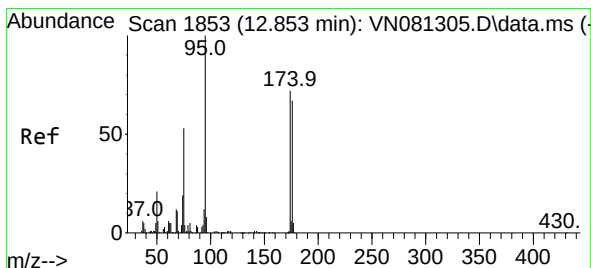
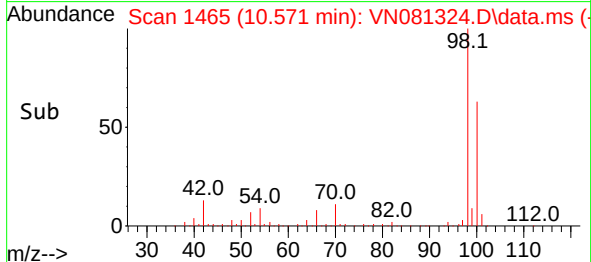
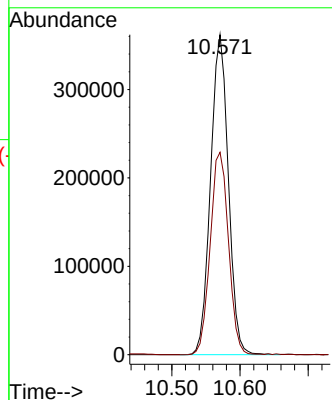
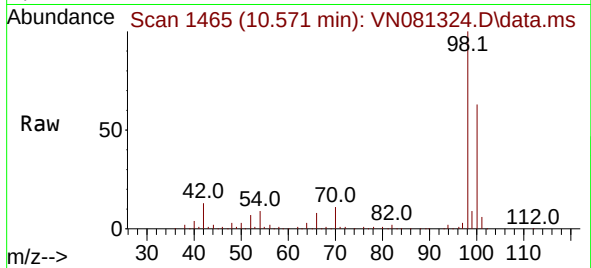




#50
Toluene-d8
Concen: 52.493 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081324.D
Acq: 06 Mar 2024 14:14

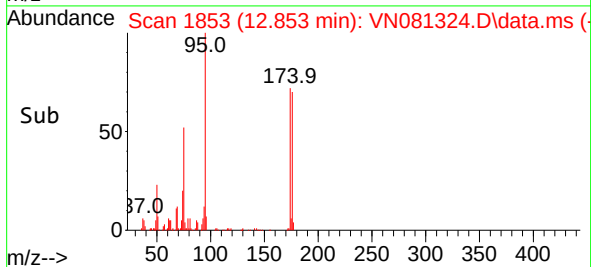
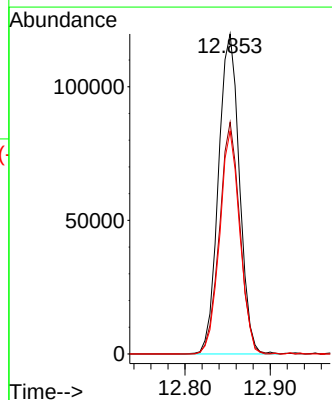
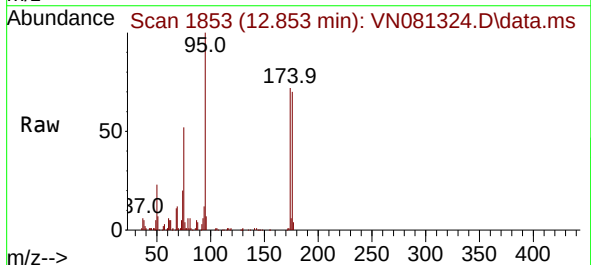
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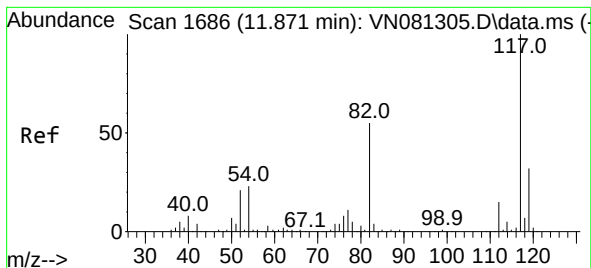
Tgt Ion: 98 Resp: 657089
Ion Ratio Lower Upper
98 100
100 65.0 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 46.226 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081324.D
Acq: 06 Mar 2024 14:14

Tgt Ion: 95 Resp: 204513
Ion Ratio Lower Upper
95 100
174 70.8 0.0 120.4
176 67.1 0.0 121.0

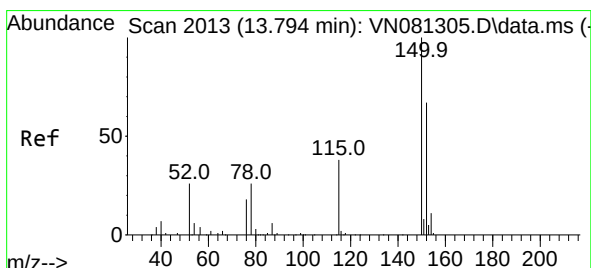
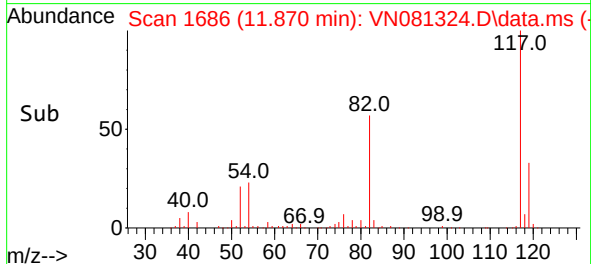
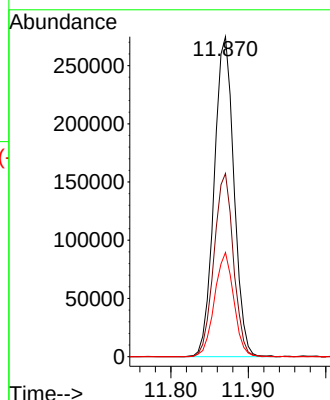
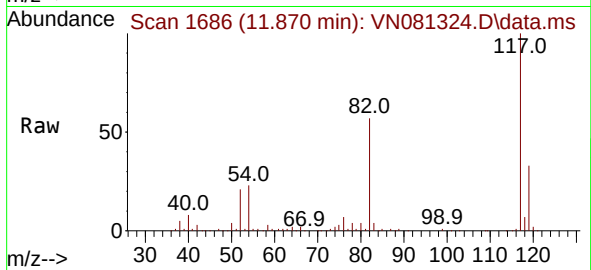




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN081324.D
Acq: 06 Mar 2024 14:14

Instrument :
MSVOA_N
ClientSampleId :
PB159453ZHE#05

Tgt Ion:117 Resp: 486318
Ion Ratio Lower Upper
117 100
82 57.3 52.7 79.1
119 32.6 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: VN081324.D
Acq: 06 Mar 2024 14:14

Tgt Ion:152 Resp: 180966
Ion Ratio Lower Upper
152 100
115 63.9 32.3 96.8
150 157.6 0.0 339.8

