

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020724\
 Data File : VN080945.D
 Acq On : 07 Feb 2024 18:51
 Operator : JC\MD
 Sample : PB158850ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB158850ZHE#01

Quant Time: Feb 08 00:30:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 06:22:23 2024
 Response via : Initial Calibration

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

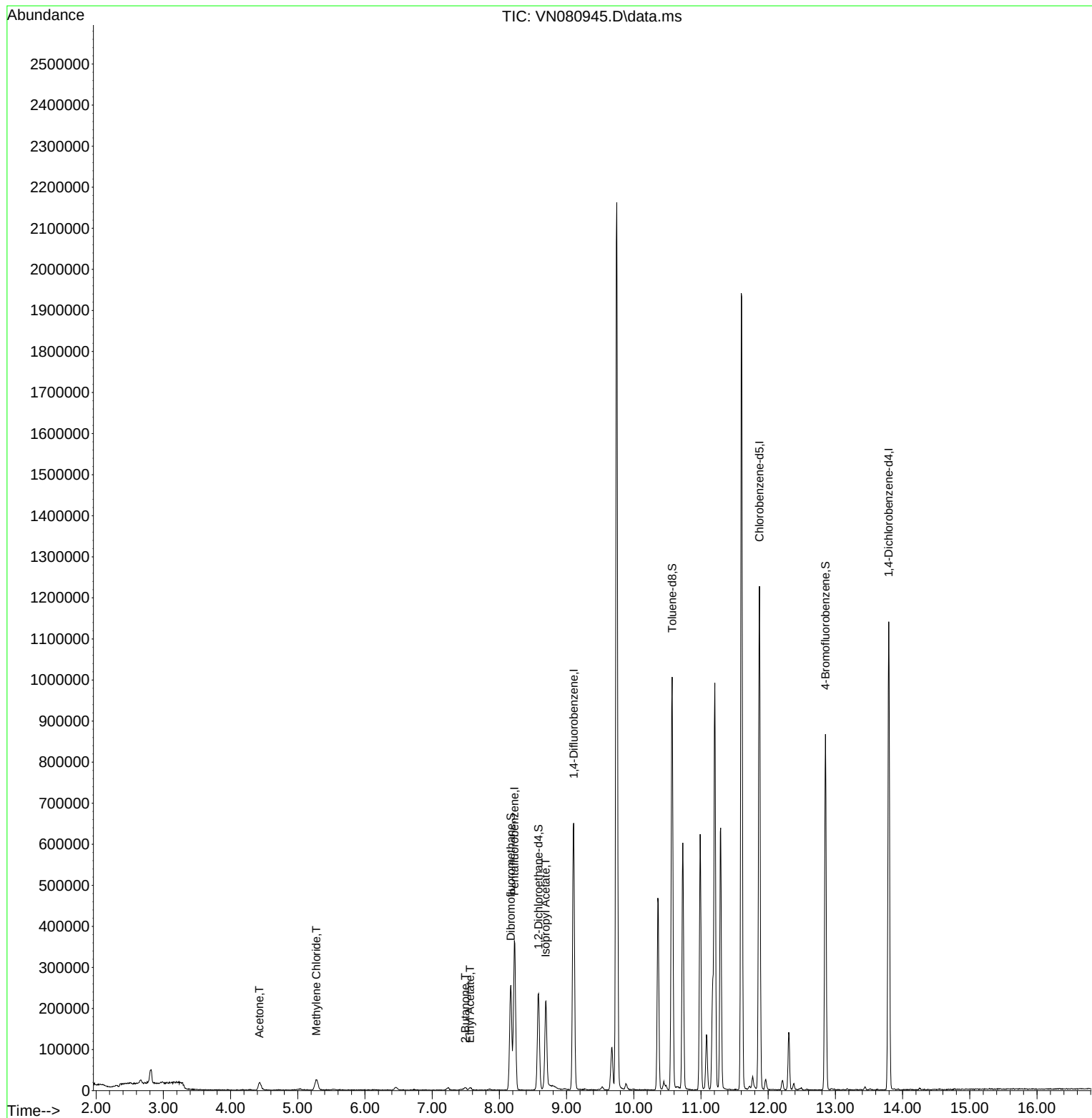
Internal Standards						
1) Pentafluorobenzene	8.224	168	252225	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	564084	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	700901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	299288	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	193463	60.802	ug/l	0.00
Spiked Amount 50.000	Range	74 - 125	Recovery	=	121.600%	
35) Dibromofluoromethane	8.171	113	176335	58.257	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	116.520%	
50) Toluene-d8	10.571	98	697017	63.663	ug/l	0.00
Spiked Amount 50.000	Range	86 - 113	Recovery	=	127.320%#	
62) 4-Bromofluorobenzene	12.853	95	293981	73.914	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	=	147.820%#	
Target Compounds						
						Qvalue
16) Acetone	4.430	43	34817	33.260	ug/l	99
20) Methylene Chloride	5.277	84	21105	6.654	ug/l #	83
25) 2-Butanone	7.494	43	10598	6.307	ug/l #	85
37) Ethyl Acetate	7.565	43	10309	3.026	ug/l #	84
43) Isopropyl Acetate	8.688	43	250895	40.044	ug/l #	90

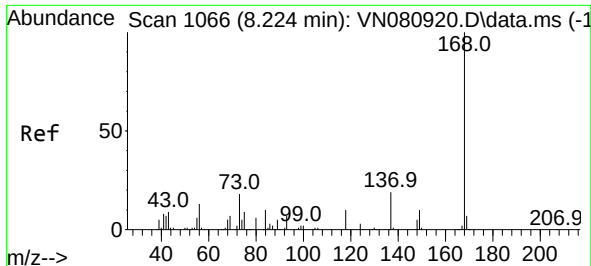
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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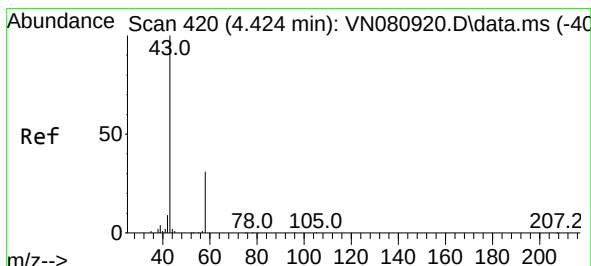
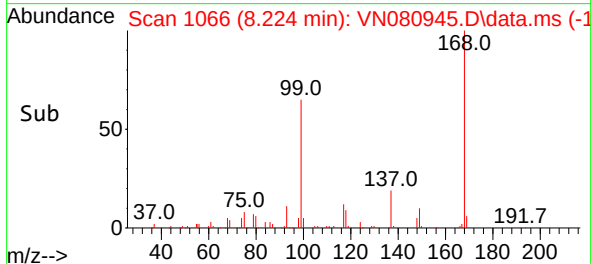
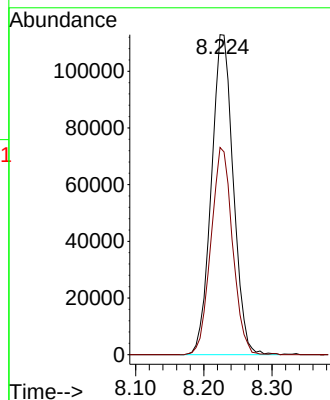
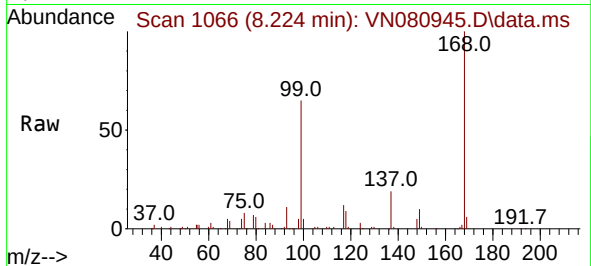




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080945.D
Acq: 07 Feb 2024 18:51

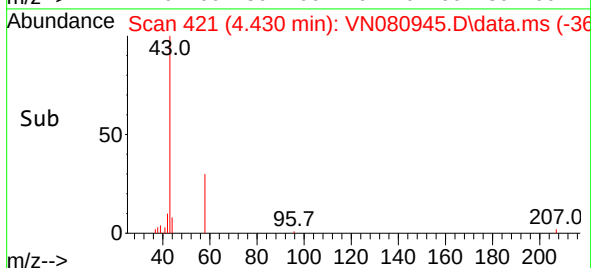
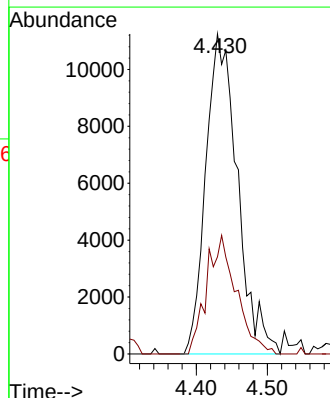
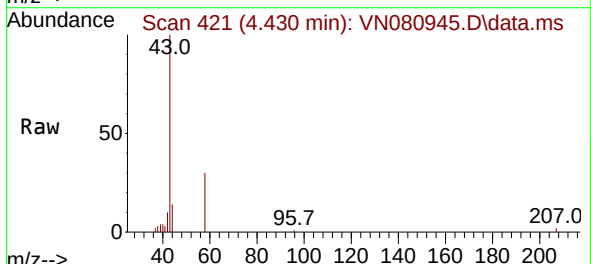
Instrument :
MSVOA_N
ClientSampleId :
PB158850ZHE#01

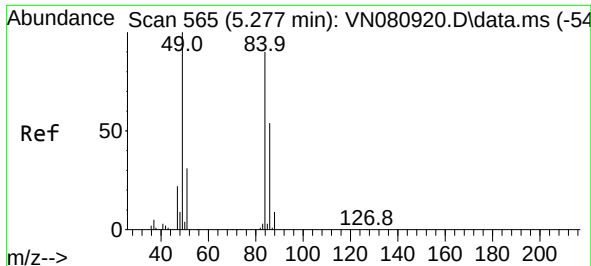
Tgt Ion:168 Resp: 252225
Ion Ratio Lower Upper
168 100
99 64.8 59.9 89.9



#16
Acetone
Concen: 33.260 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080945.D
Acq: 07 Feb 2024 18:51

Tgt Ion: 43 Resp: 34817
Ion Ratio Lower Upper
43 100
58 30.4 24.8 37.2

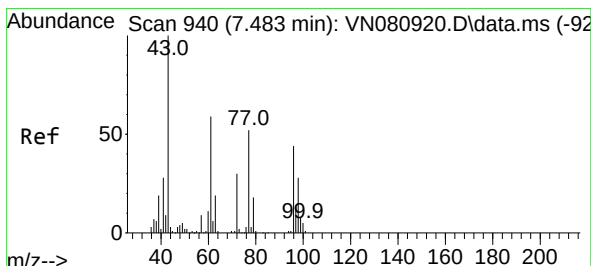
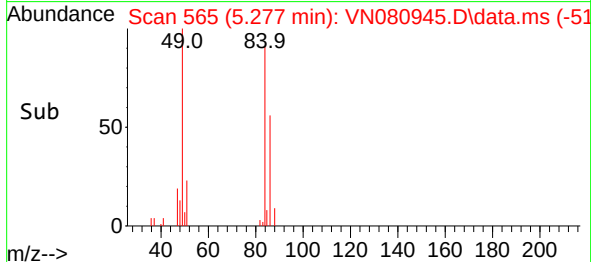
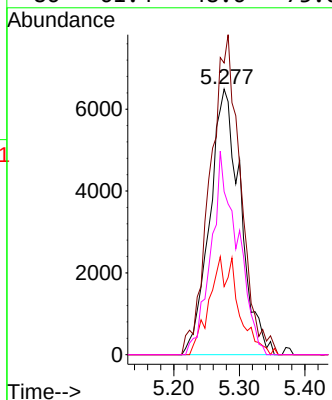
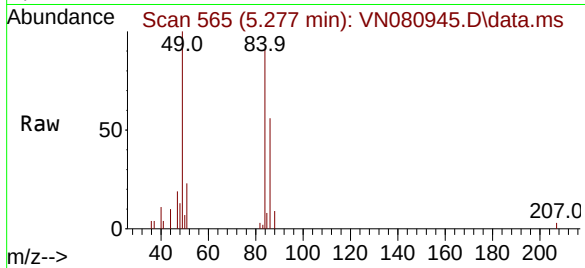




#20
Methylene Chloride
Concen: 6.654 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN080945.D
Acq: 07 Feb 2024 18:51

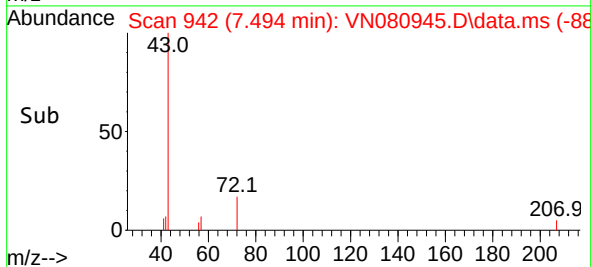
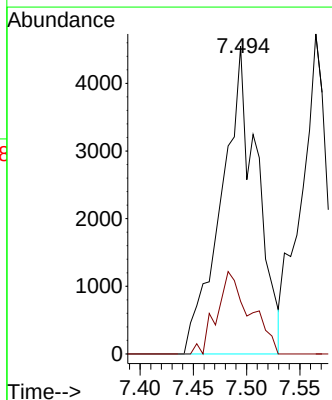
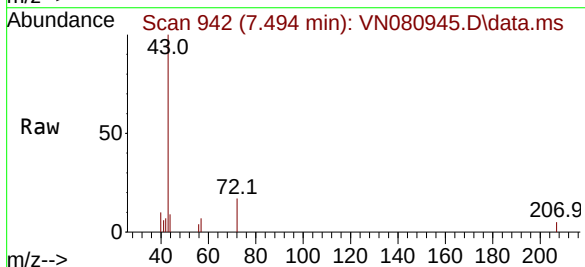
Instrument :
MSVOA_N
ClientSampleId :
PB158850ZHE#01

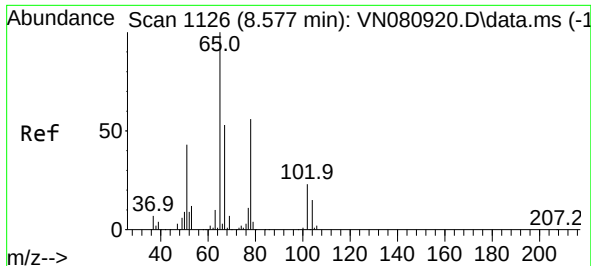
Tgt Ion: 84 Resp: 21105
Ion Ratio Lower Upper
84 100
49 109.9 108.1 162.1
51 25.7 32.9 49.3#
86 61.4 48.6 73.0



#25
2-Butanone
Concen: 6.307 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN080945.D
Acq: 07 Feb 2024 18:51

Tgt Ion: 43 Resp: 10598
Ion Ratio Lower Upper
43 100
72 17.1 19.5 29.3#

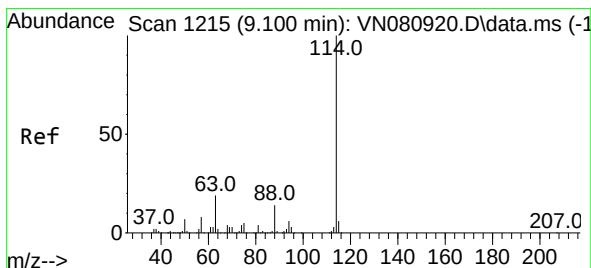
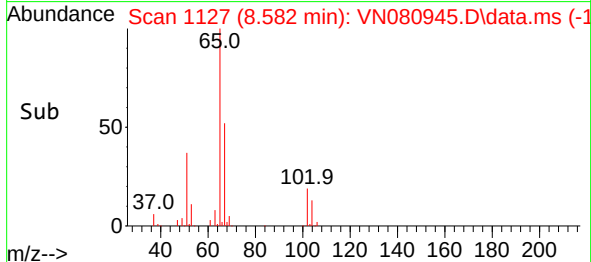
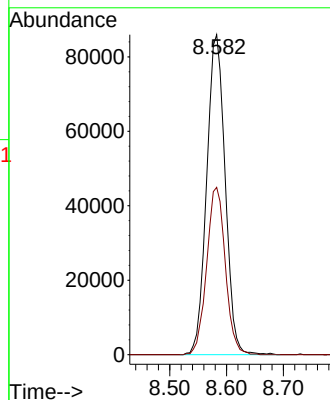
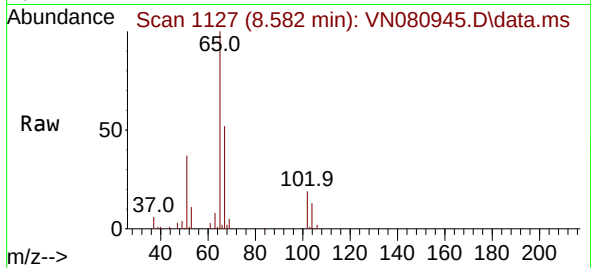




#33
 1,2-Dichloroethane-d4
 Concen: 60.802 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VN080945.D
 Acq: 07 Feb 2024 18:51

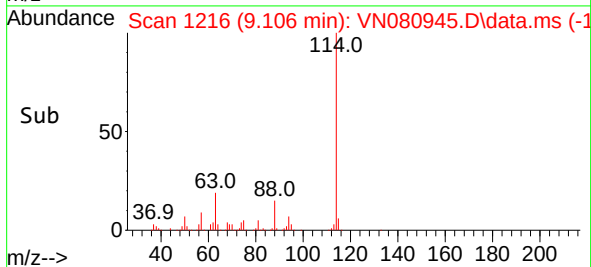
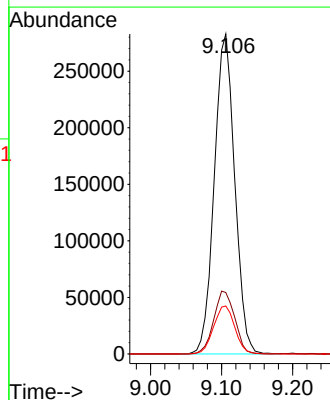
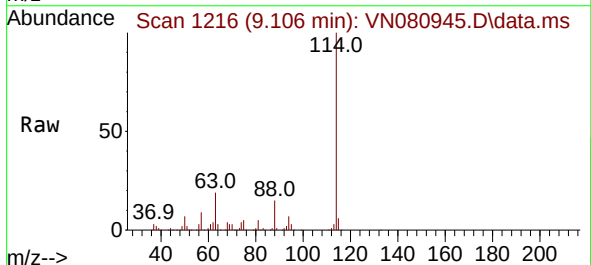
Instrument :
 MSVOA_N
 ClientSampleId :
 PB158850ZHE#01

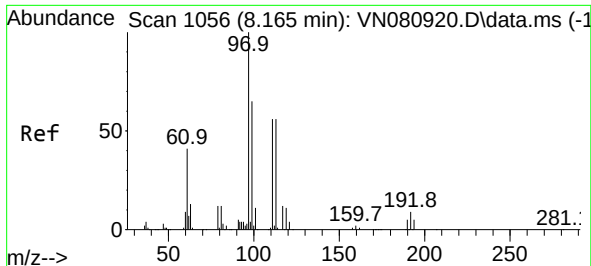
Tgt Ion: 65 Resp: 193463
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.006 min
 Lab File: VN080945.D
 Acq: 07 Feb 2024 18:51

Tgt Ion: 114 Resp: 564084
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 48.0
 88 15.0 0.0 34.8





#35

Dibromofluoromethane

Concen: 58.257 ug/l

RT: 8.171 min Scan# 113

Delta R.T. 0.006 min

Lab File: VN080945.D

Acq: 07 Feb 2024 18:51

Instrument :

MSVOA_N

ClientSampleId :

PB158850ZHE#01

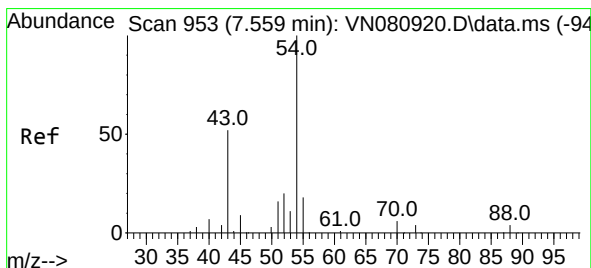
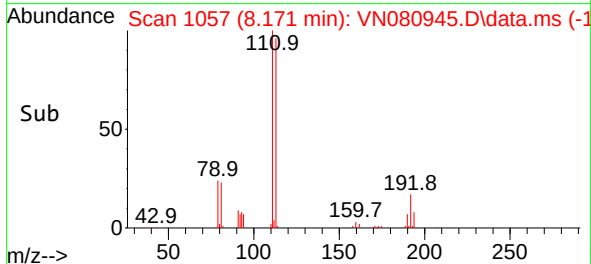
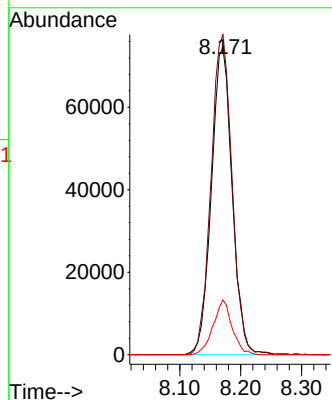
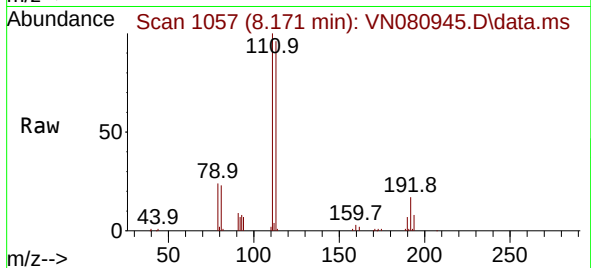
Tgt Ion:113 Resp: 176335

Ion Ratio Lower Upper

113 100

111 105.6 82.2 123.4

192 16.3 12.5 18.7



#37

Ethyl Acetate

Concen: 3.026 ug/l

RT: 7.565 min Scan# 954

Delta R.T. 0.006 min

Lab File: VN080945.D

Acq: 07 Feb 2024 18:51

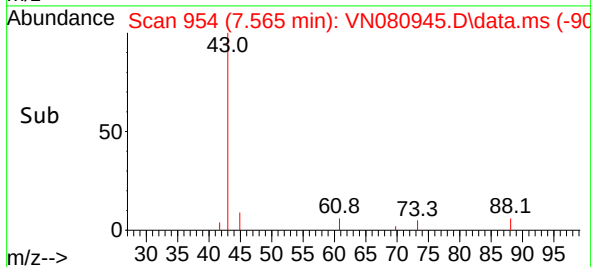
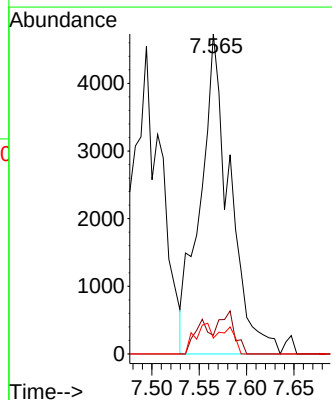
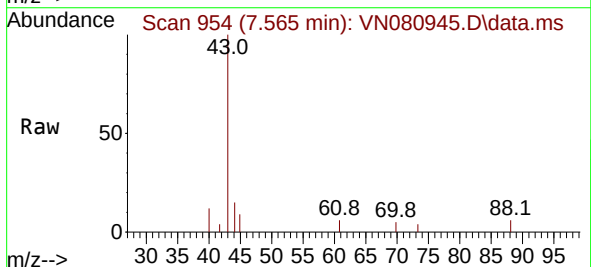
Tgt Ion: 43 Resp: 10309

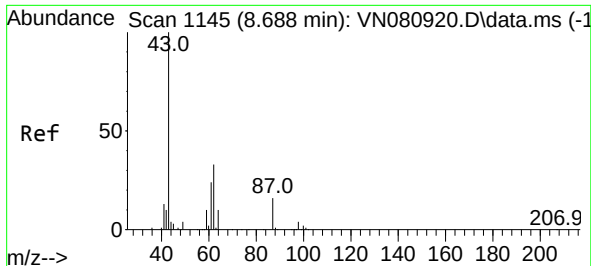
Ion Ratio Lower Upper

43 100

61 5.8 10.6 15.8#

70 5.6 8.0 12.0#

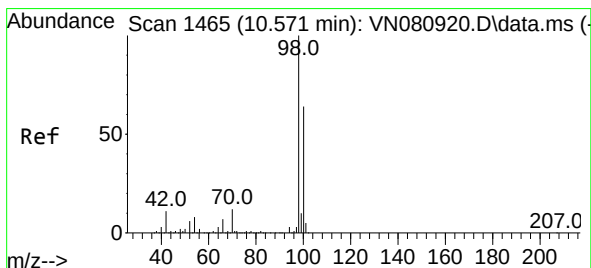
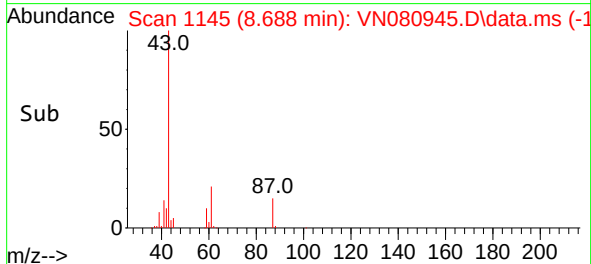
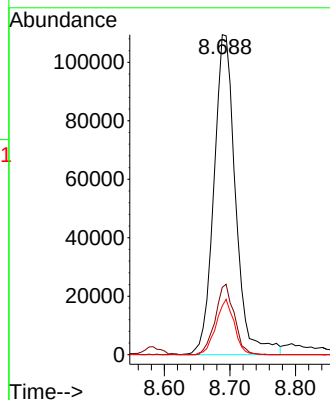
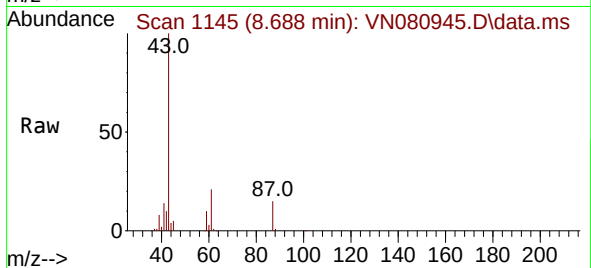




#43
Isopropyl Acetate
Concen: 40.044 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080945.D
Acq: 07 Feb 2024 18:51

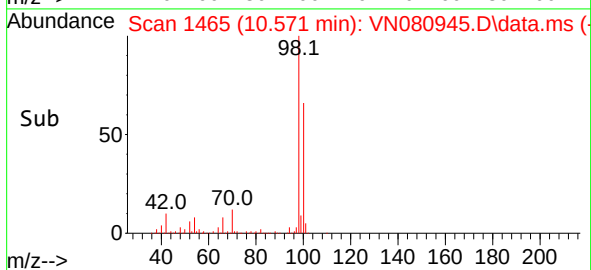
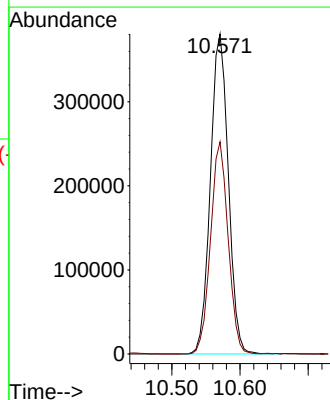
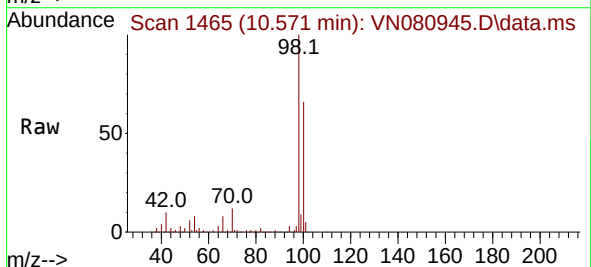
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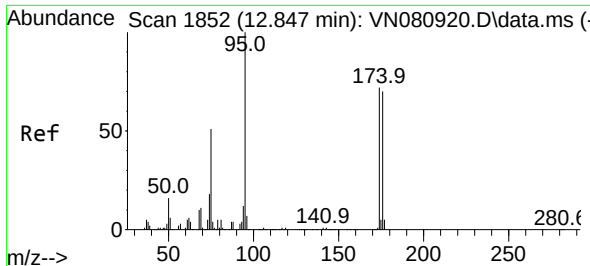
Tgt Ion: 43 Resp: 250895
Ion Ratio Lower Upper
43 100
61 19.2 19.9 29.9#
87 14.6 9.0 13.6#



#50
Toluene-d8
Concen: 63.663 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN080945.D
Acq: 07 Feb 2024 18:51

Tgt Ion: 98 Resp: 697017
Ion Ratio Lower Upper
98 100
100 65.0 51.4 77.0

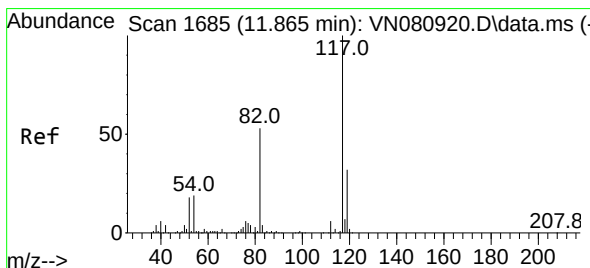
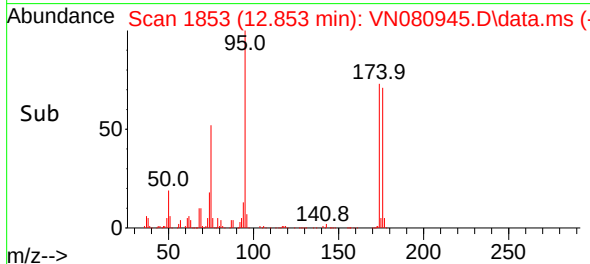
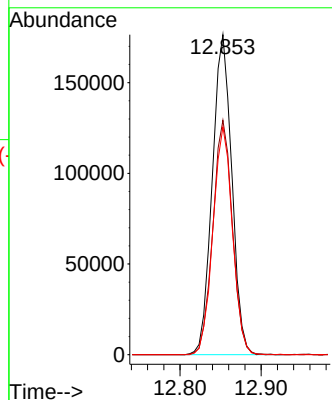
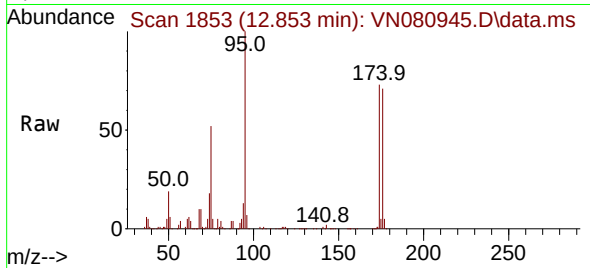




#62
4-Bromofluorobenzene
Concen: 73.914 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080945.D
Acq: 07 Feb 2024 18:51

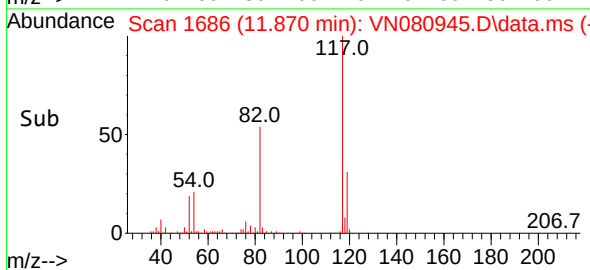
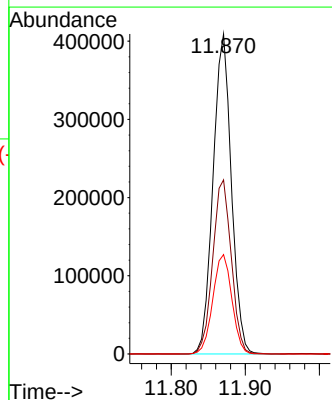
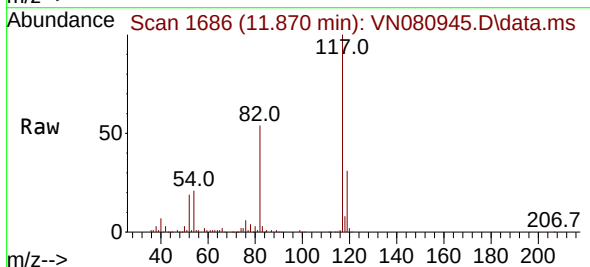
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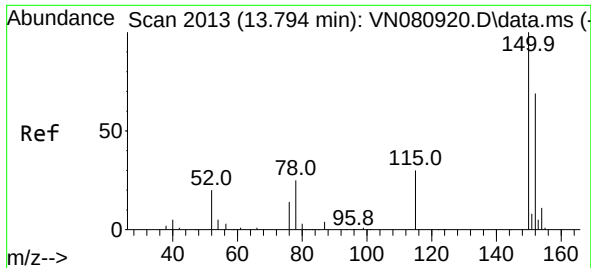
Tgt Ion:	95	Resp:	293981
Ion	Ratio	Lower	Upper
95	100		
174	73.5	0.0	120.4
176	71.4	0.0	121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080945.D
Acq: 07 Feb 2024 18:51

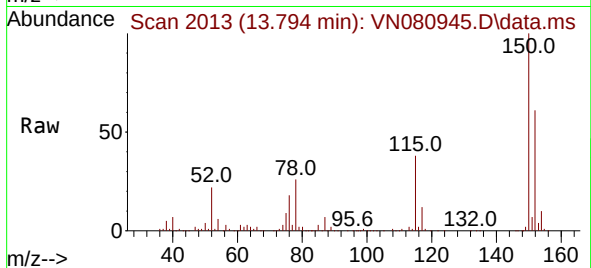
Tgt Ion:	117	Resp:	700901
Ion	Ratio	Lower	Upper
117	100		
82	54.4	52.7	79.1
119	31.1	25.3	37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN080945.D
 Acq: 07 Feb 2024 18:51

Instrument :
 MSVOA_N
 ClientSampleId :
 PB158850ZHE#01



Tgt Ion:152 Resp: 299288
 Ion Ratio Lower Upper
 152 100
 115 62.4 32.3 96.8
 150 158.0 0.0 339.8

