

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032924\
 Data File : VN081623.D
 Acq On : 29 Mar 2024 18:17
 Operator : JC\MD
 Sample : PB159859ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB159859ZHE#01

Quant Time: Mar 30 00:33:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

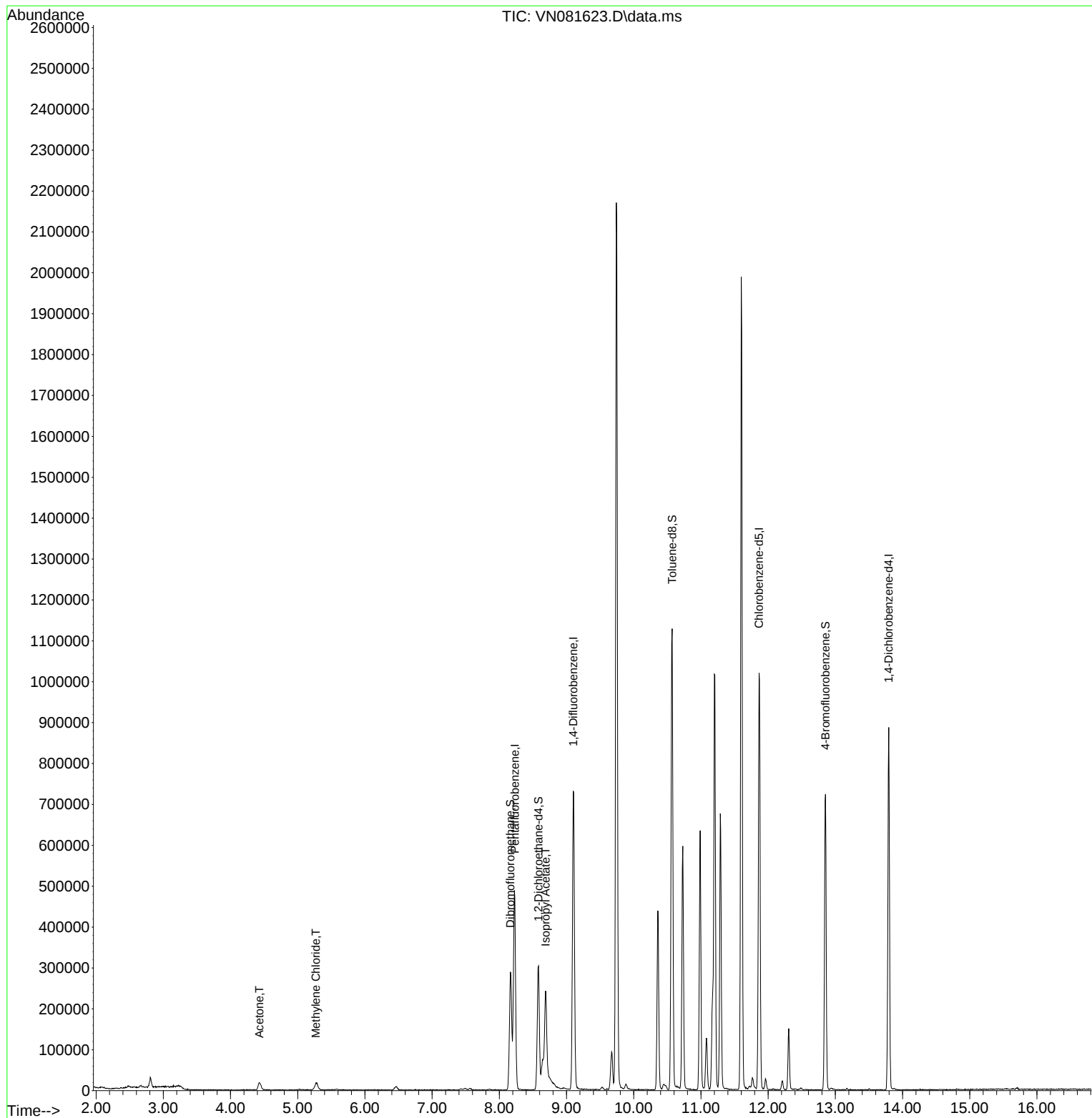
Internal Standards						
1) Pentafluorobenzene	8.230	168	341653	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	651863	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	619632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	230996	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	239708	55.017	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	110.040%	
35) Dibromofluoromethane	8.165	113	204436	49.694	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	99.380%	
50) Toluene-d8	10.571	98	806715	54.246	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	108.500%	
62) 4-Bromofluorobenzene	12.853	95	252694	48.223	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	=	96.440%	
Target Compounds						
						Qvalue
16) Acetone	4.430	43	34540	24.530	ug/l	99
20) Methylene Chloride	5.271	84	14484	3.140	ug/l #	84
43) Isopropyl Acetate	8.689	43	362173	36.855	ug/l #	82

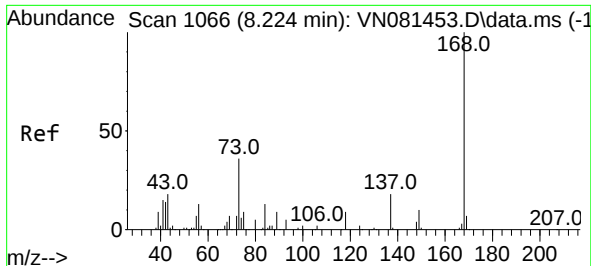
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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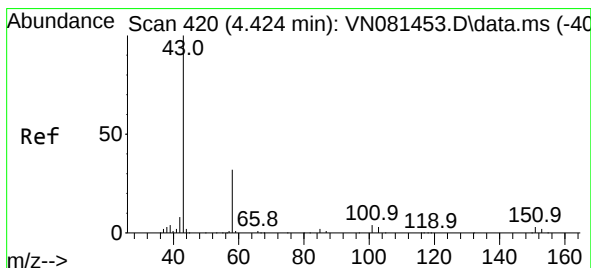
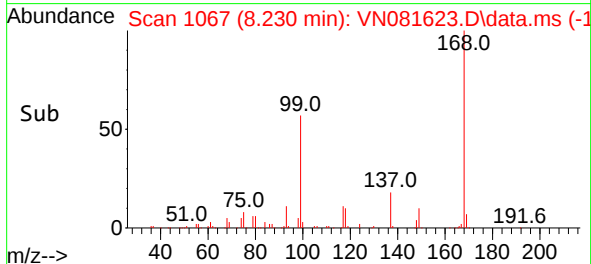
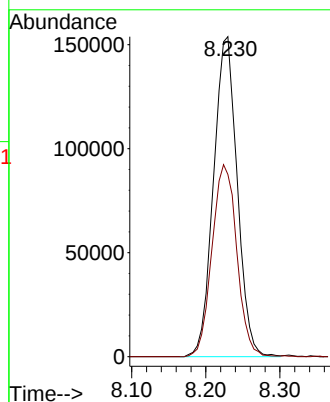
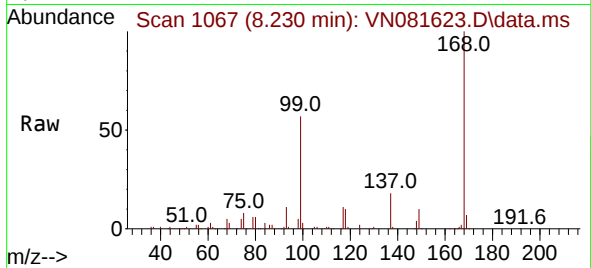




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081623.D
Acq: 29 Mar 2024 18:17

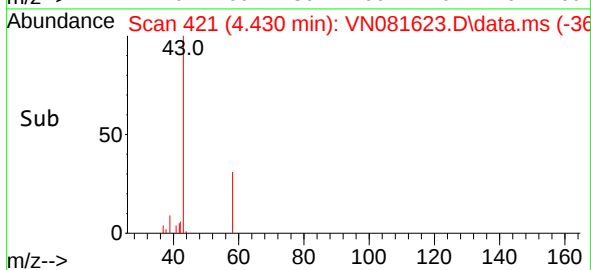
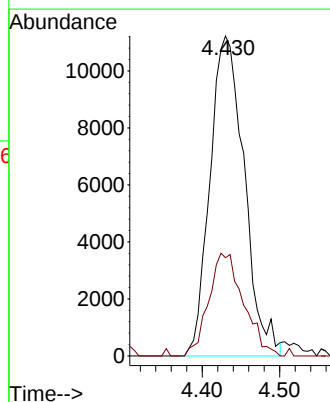
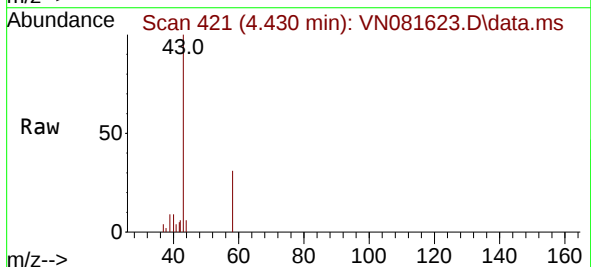
Instrument :
MSVOA_N
ClientSampleId :
PB159859ZHE#01

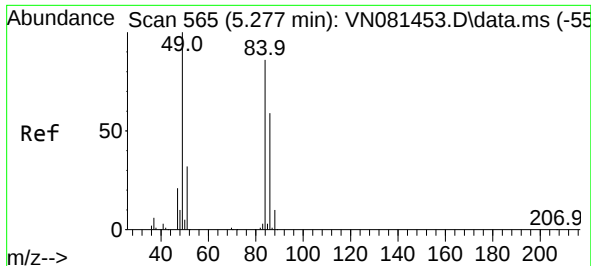
Tgt Ion:168 Resp: 341653
Ion Ratio Lower Upper
168 100
99 56.9 59.9 89.9#



#16
Acetone
Concen: 24.530 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081623.D
Acq: 29 Mar 2024 18:17

Tgt Ion: 43 Resp: 34540
Ion Ratio Lower Upper
43 100
58 30.7 24.8 37.2

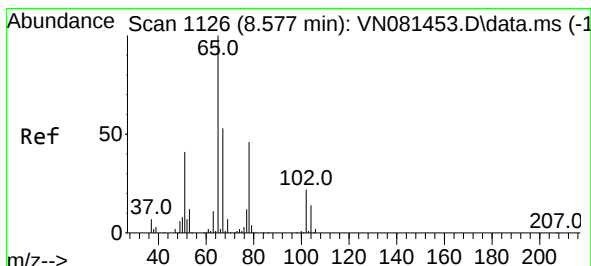
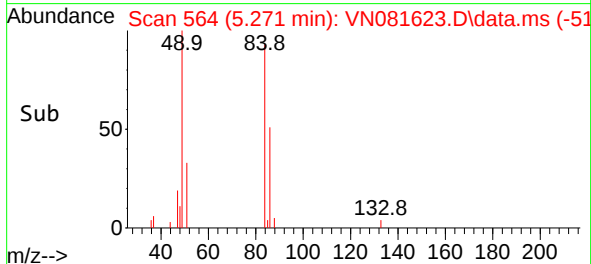
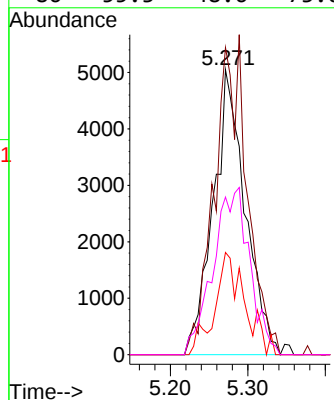
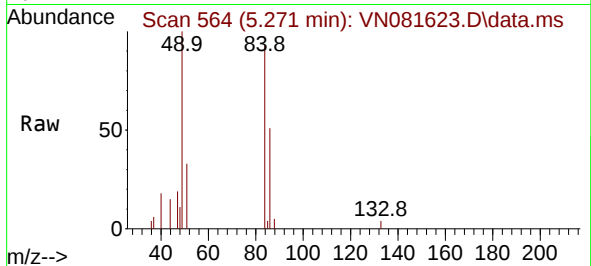




#20
Methylene Chloride
Concen: 3.140 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN081623.D
Acq: 29 Mar 2024 18:17

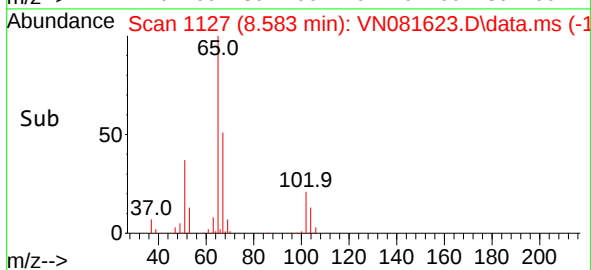
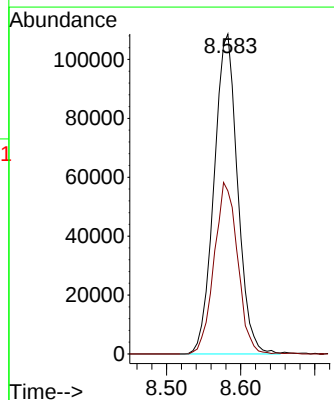
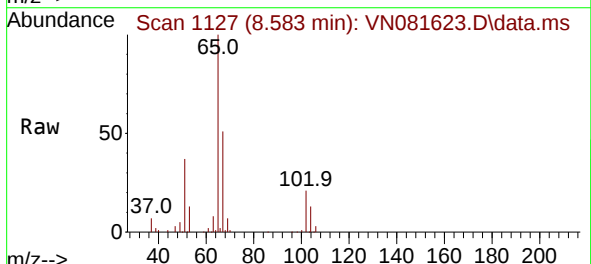
Instrument :
MSVOA_N
ClientSampleId :
PB159859ZHE#01

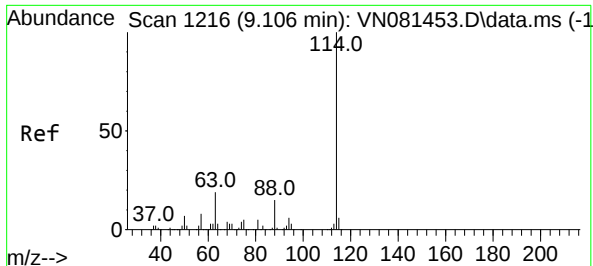
Tgt Ion: 84 Resp: 14484
Ion Ratio Lower Upper
84 100
49 107.8 108.1 162.1#
51 35.9 32.9 49.3
86 55.3 48.6 73.0



#33
1,2-Dichloroethane-d4
Concen: 55.017 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081623.D
Acq: 29 Mar 2024 18:17

Tgt Ion: 65 Resp: 239708
Ion Ratio Lower Upper
65 100
67 53.5 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN081623.D

Acq: 29 Mar 2024 18:17

Instrument :

MSVOA_N

ClientSampleId :

PB159859ZHE#01

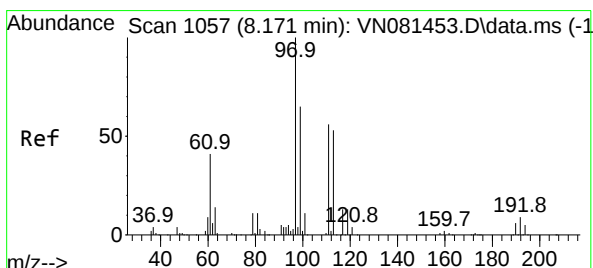
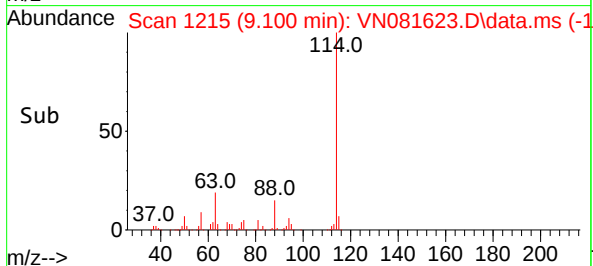
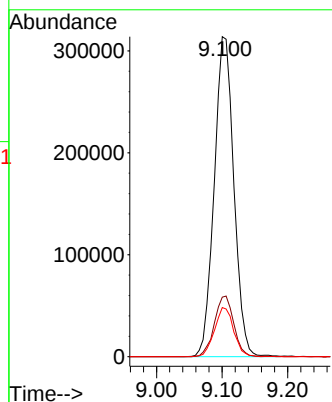
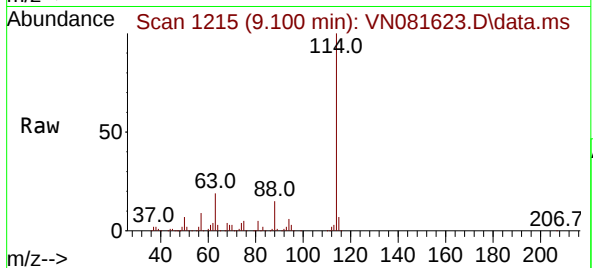
Tgt Ion:114 Resp: 651863

Ion Ratio Lower Upper

114 100

63 18.6 0.0 48.0

88 15.3 0.0 34.8



#35

Dibromofluoromethane

Concen: 49.694 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081623.D

Acq: 29 Mar 2024 18:17

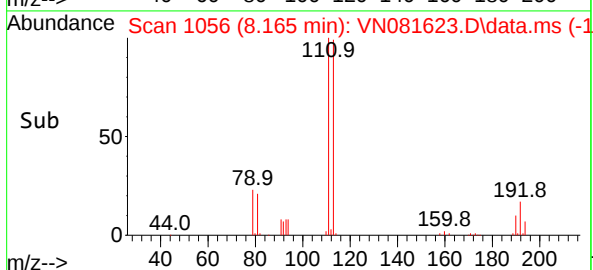
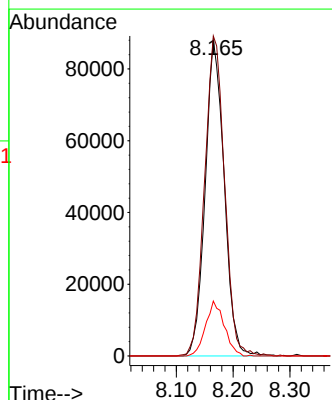
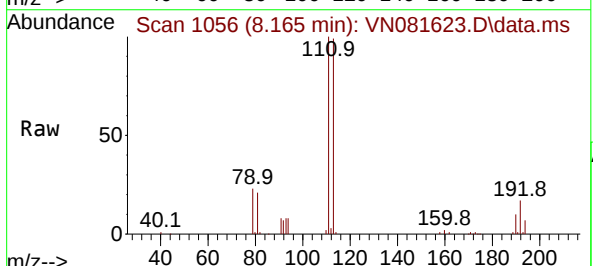
Tgt Ion:113 Resp: 204436

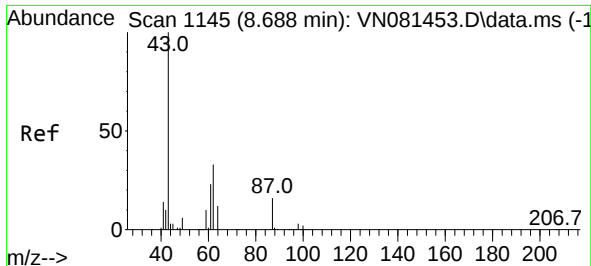
Ion Ratio Lower Upper

113 100

111 105.9 82.2 123.4

192 17.1 12.5 18.7

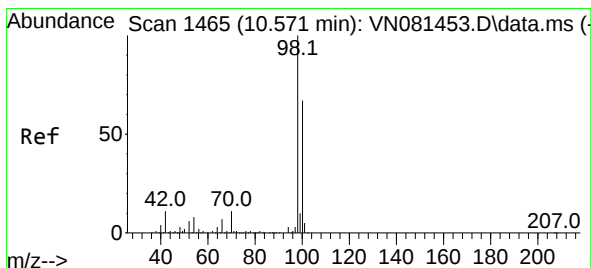
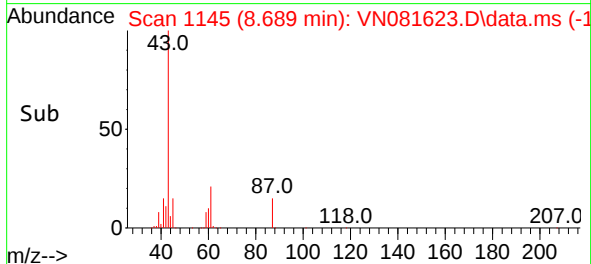
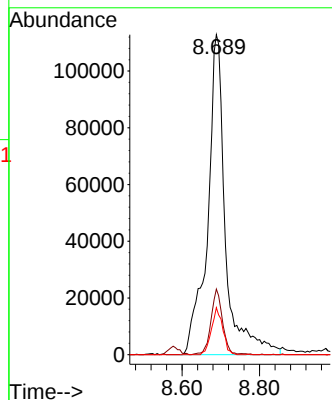
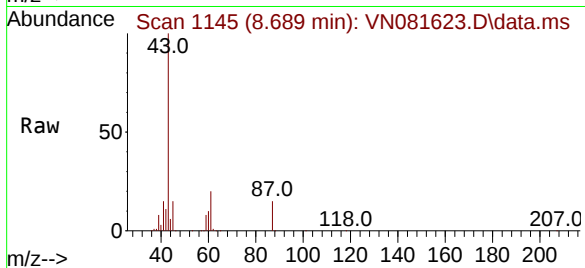




#43
Isopropyl Acetate
Concen: 36.855 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081623.D
Acq: 29 Mar 2024 18:17

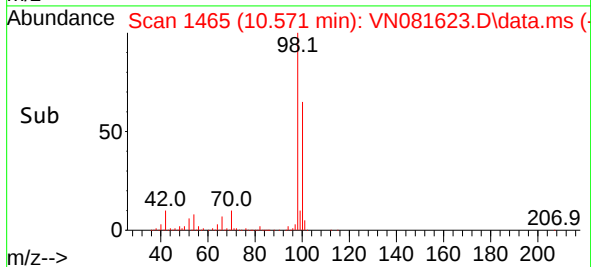
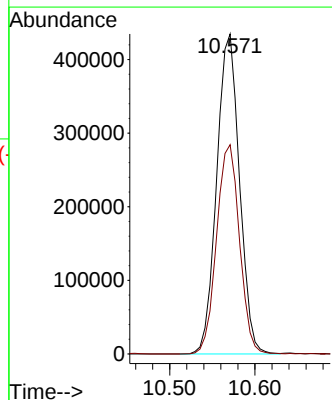
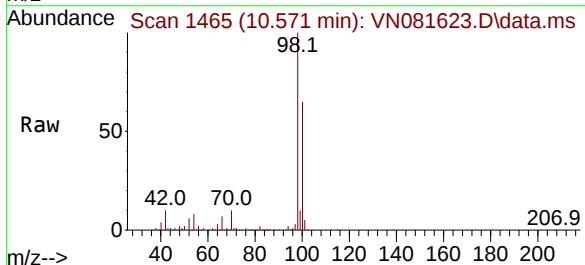
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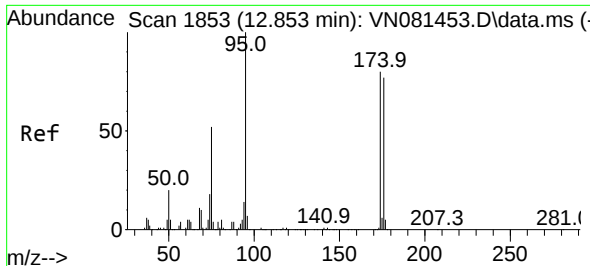
Tgt Ion: 43 Resp: 362173
Ion Ratio Lower Upper
43 100
61 13.1 19.9 29.9#
87 9.2 9.0 13.6



#50
Toluene-d8
Concen: 54.246 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081623.D
Acq: 29 Mar 2024 18:17

Tgt Ion: 98 Resp: 806715
Ion Ratio Lower Upper
98 100
100 65.7 51.4 77.0

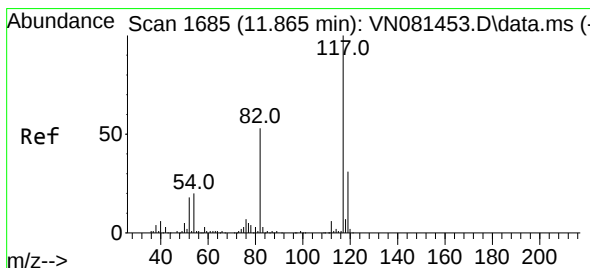
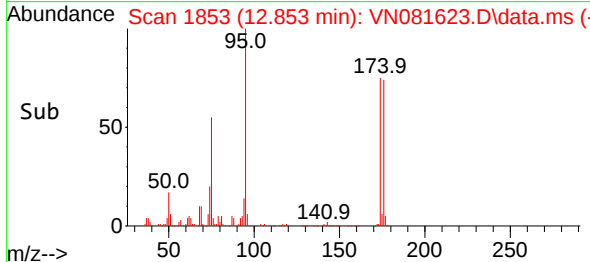
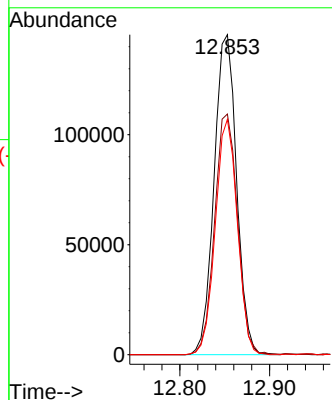
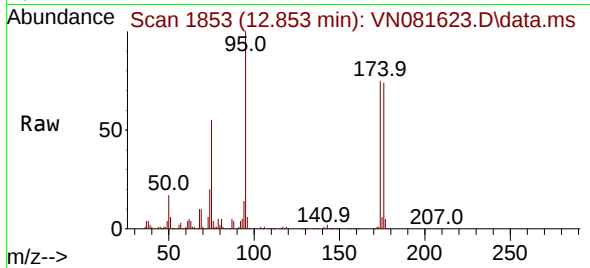




#62
4-Bromofluorobenzene
Concen: 48.223 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081623.D
Acq: 29 Mar 2024 18:17

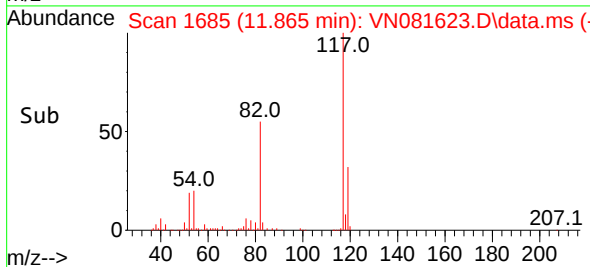
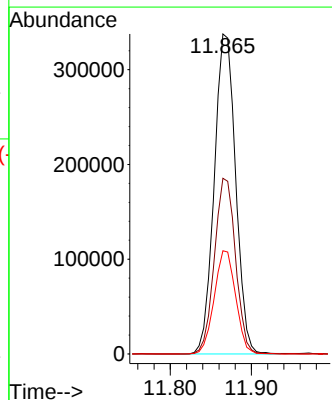
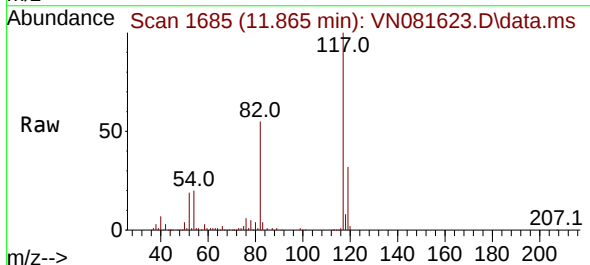
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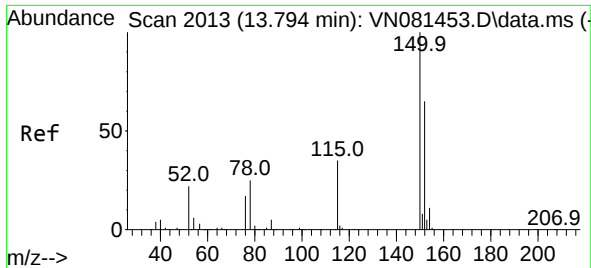
Tgt Ion: 95 Resp: 252694
Ion Ratio Lower Upper
95 100
174 76.9 0.0 120.4
176 72.1 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081623.D
Acq: 29 Mar 2024 18:17

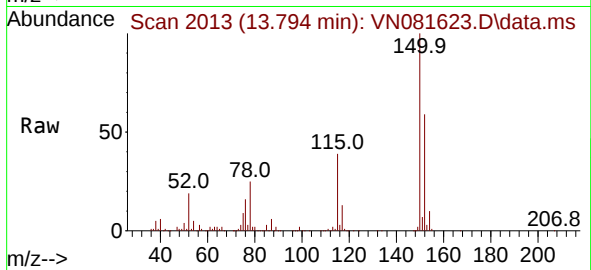
Tgt Ion: 117 Resp: 619632
Ion Ratio Lower Upper
117 100
82 54.9 52.7 79.1
119 32.3 25.3 37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN081623.D
 Acq: 29 Mar 2024 18:17

Instrument :
 MSVOA_N
 ClientSampleId :
 PB159859ZHE#01



Tgt Ion:152 Resp: 230996
 Ion Ratio Lower Upper
 152 100
 115 62.2 32.3 96.8
 150 162.1 0.0 339.8

