

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032924\
 Data File : VN081625.D
 Acq On : 29 Mar 2024 19:05
 Operator : JC\MD
 Sample : PB159859ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB159859ZHE#03

Quant Time: Mar 30 00:34:06 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)

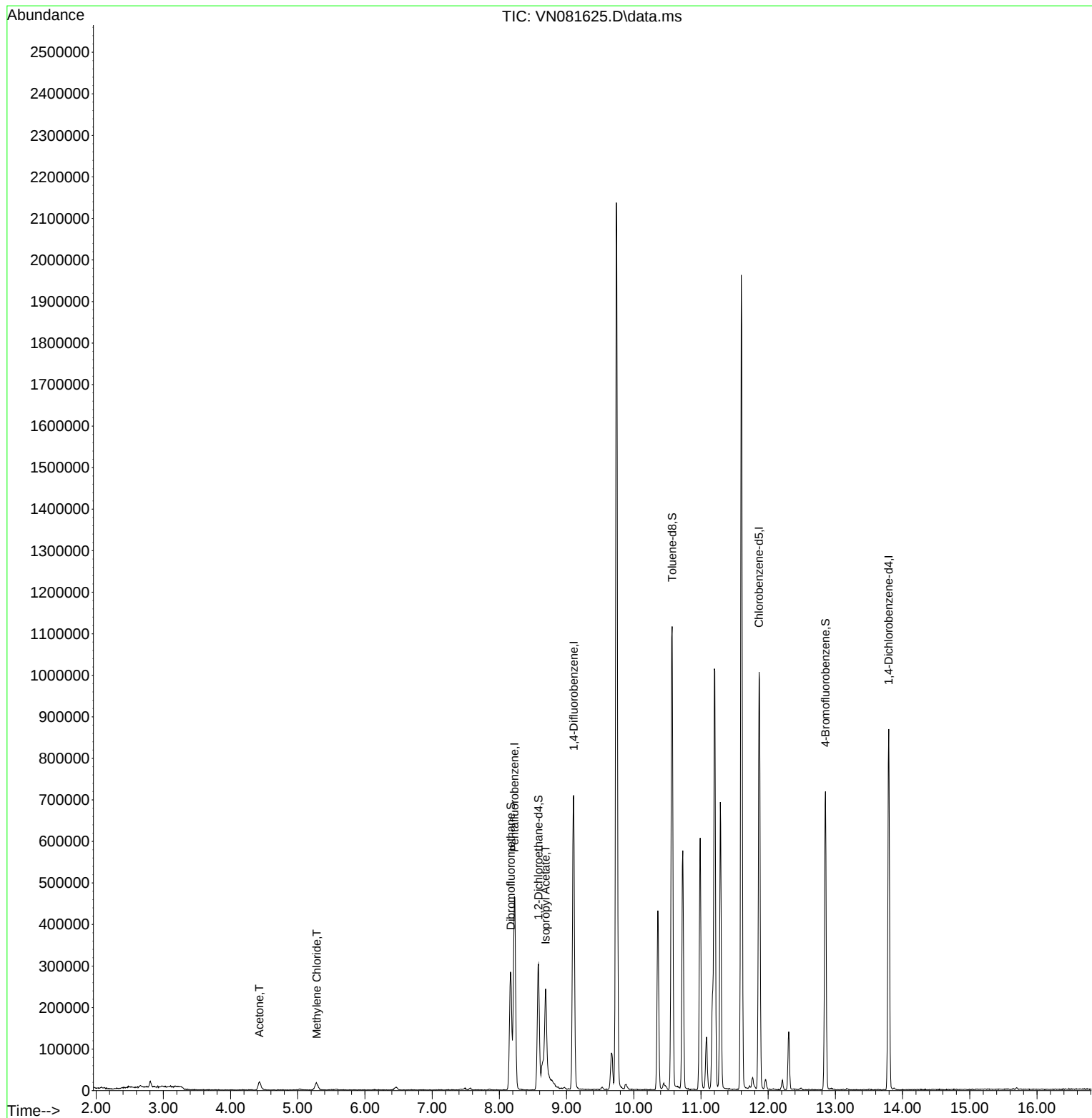
Internal Standards						
1) Pentafluorobenzene	8.224	168	332839	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	637204	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	614287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	232759	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	240043	56.553	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	113.100%	
35) Dibromofluoromethane	8.171	113	209426	52.078	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	104.160%	
50) Toluene-d8	10.571	98	790934	54.409	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	108.820%	
62) 4-Bromofluorobenzene	12.853	95	249904	48.788	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	=	97.580%	
Target Compounds						
						Qvalue
16) Acetone	4.430	43	36912	26.909	ug/l	94
20) Methylene Chloride	5.283	84	14177	3.155	ug/l #	73
43) Isopropyl Acetate	8.688	43	331410	34.501	ug/l #	84

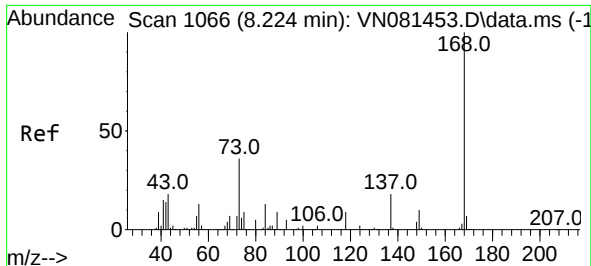
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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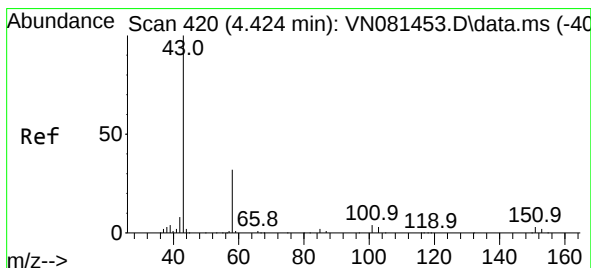
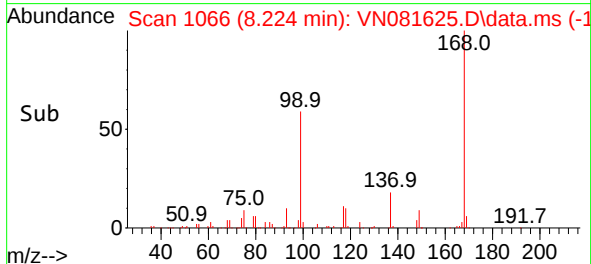
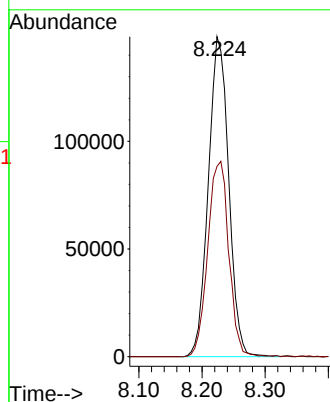
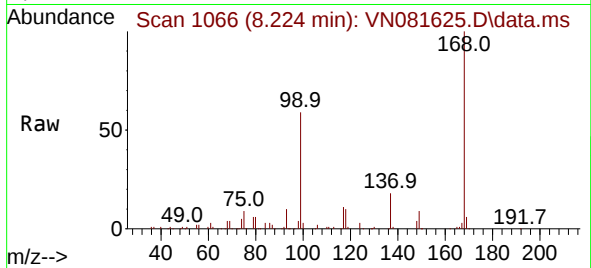




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081625.D
Acq: 29 Mar 2024 19:05

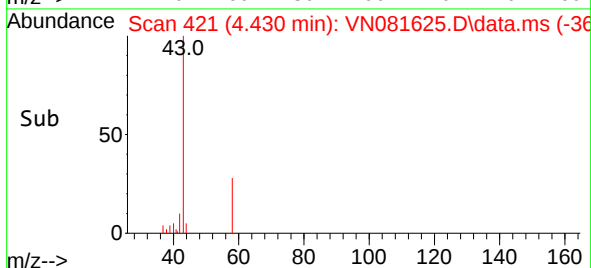
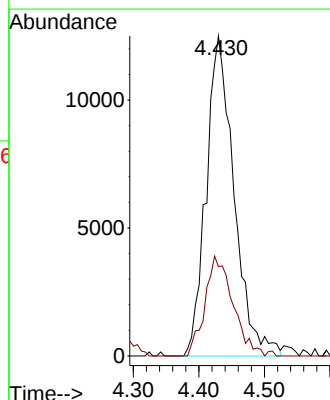
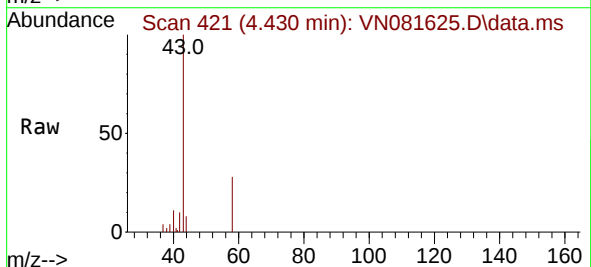
Instrument :
MSVOA_N
ClientSampleId :
PB159859ZHE#03

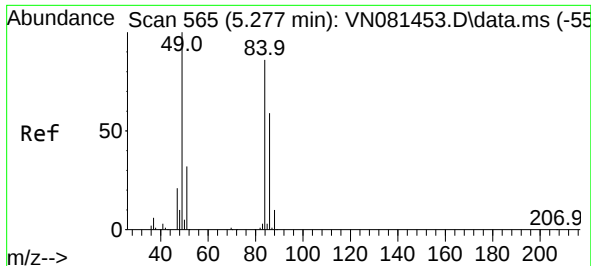
Tgt Ion:168 Resp: 332839
Ion Ratio Lower Upper
168 100
99 59.4 59.9 89.9#



#16
Acetone
Concen: 26.909 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081625.D
Acq: 29 Mar 2024 19:05

Tgt Ion: 43 Resp: 36912
Ion Ratio Lower Upper
43 100
58 28.0 24.8 37.2

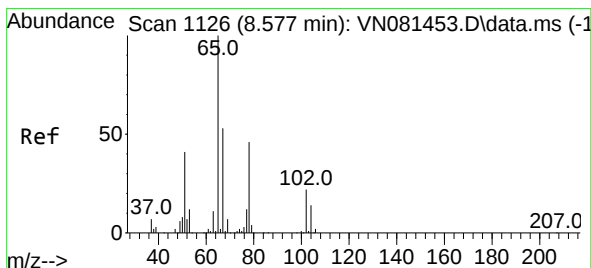
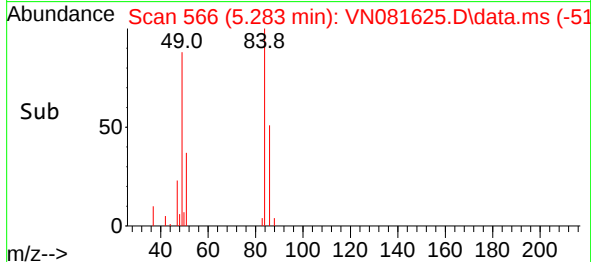
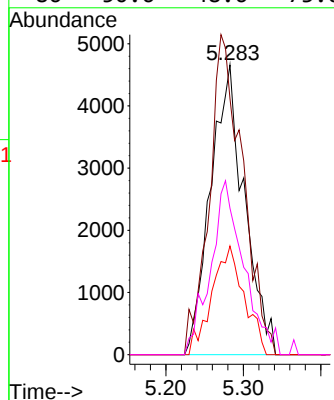
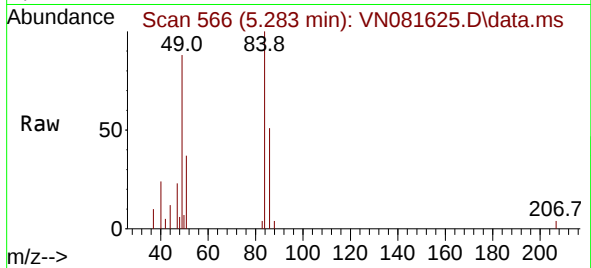




#20
Methylene Chloride
Concen: 3.155 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN081625.D
Acq: 29 Mar 2024 19:05

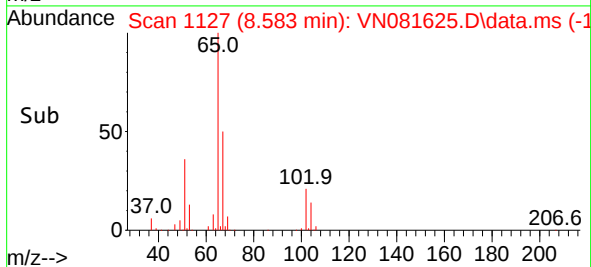
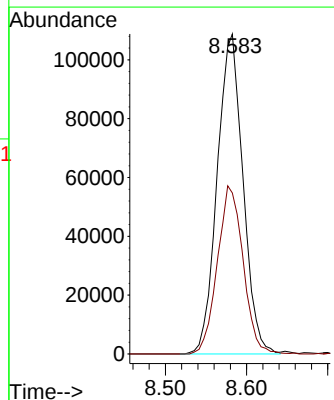
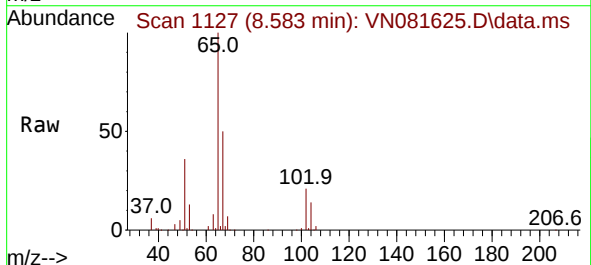
Instrument :
MSVOA_N
ClientSampleId :
PB159859ZHE#03

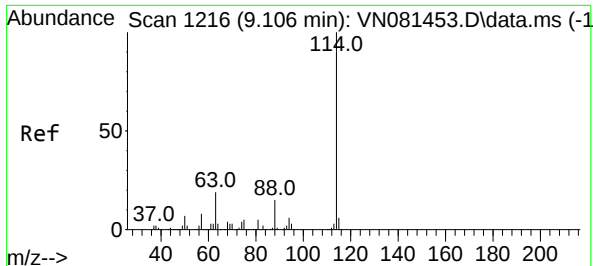
Tgt Ion:	84	Resp:	14177
Ion	Ratio	Lower	Upper
84	100		
49	88.4	108.1	162.1#
51	37.5	32.9	49.3
86	50.6	48.6	73.0



#33
1,2-Dichloroethane-d4
Concen: 56.553 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081625.D
Acq: 29 Mar 2024 19:05

Tgt Ion:	65	Resp:	240043
Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081625.D

Acq: 29 Mar 2024 19:05

Instrument :

MSVOA_N

ClientSampleId :

PB159859ZHE#03

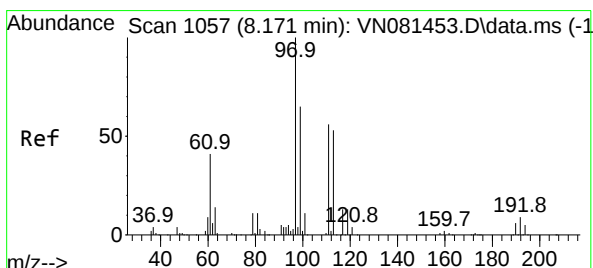
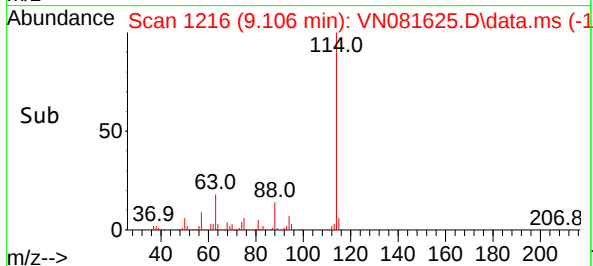
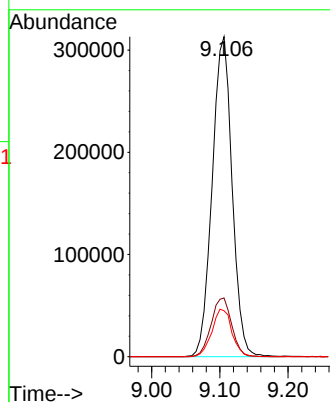
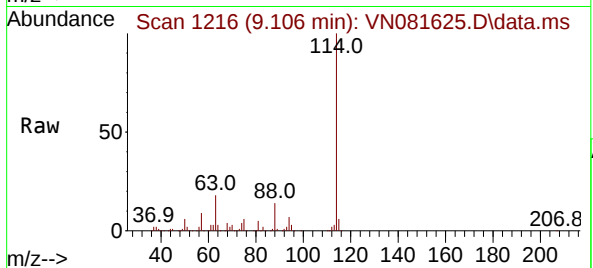
Tgt Ion:114 Resp: 637204

Ion Ratio Lower Upper

114 100

63 18.4 0.0 48.0

88 14.3 0.0 34.8



#35

Dibromofluoromethane

Concen: 52.078 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN081625.D

Acq: 29 Mar 2024 19:05

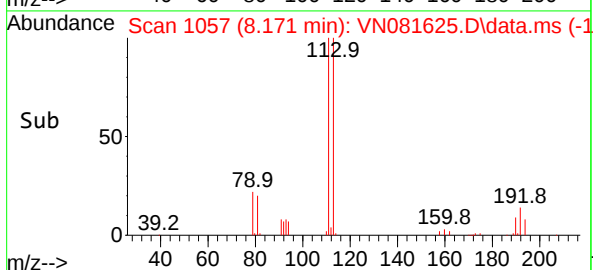
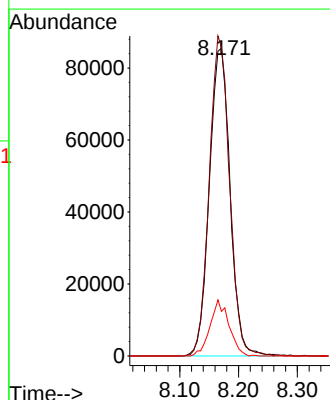
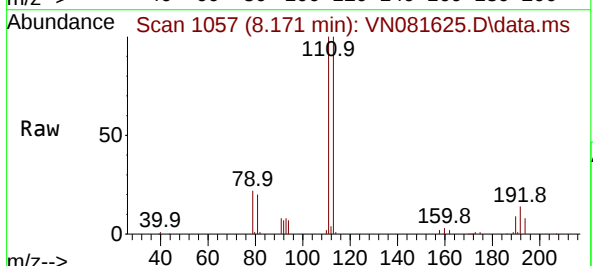
Tgt Ion:113 Resp: 209426

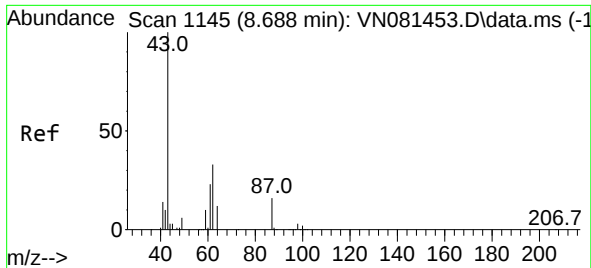
Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.4

192 16.7 12.5 18.7

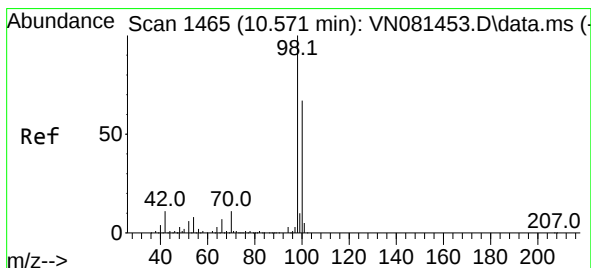
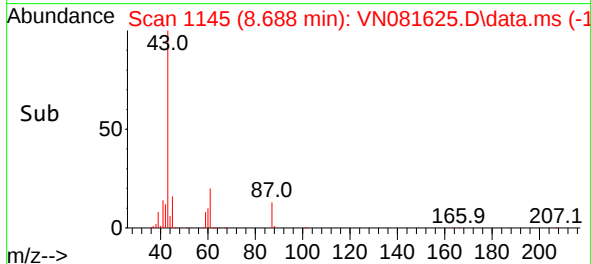
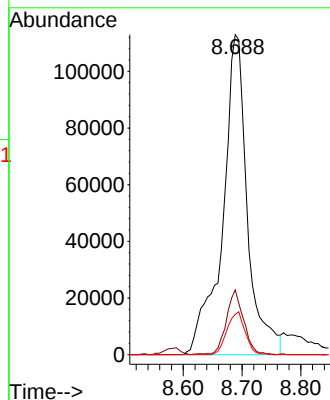
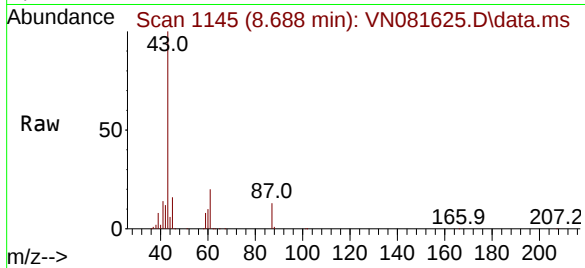




#43
Isopropyl Acetate
Concen: 34.501 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081625.D
Acq: 29 Mar 2024 19:05

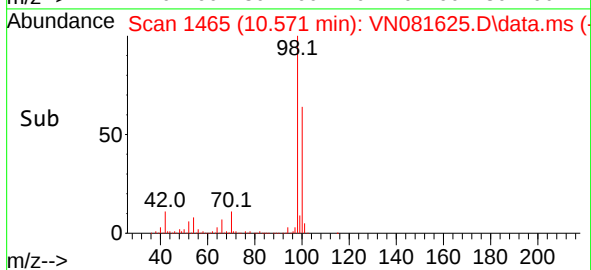
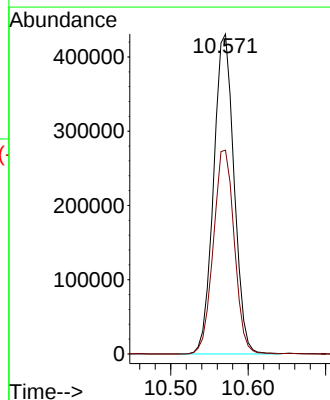
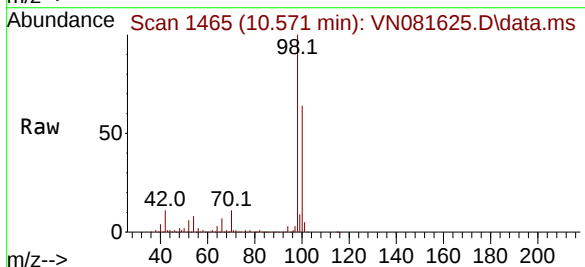
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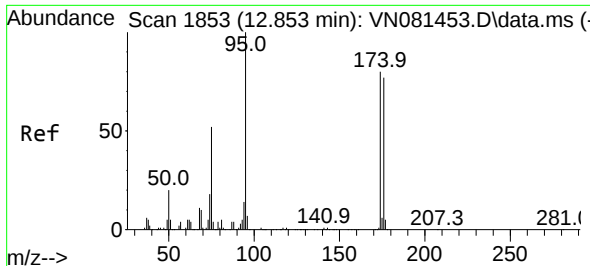
Tgt Ion: 43 Resp: 331410
Ion Ratio Lower Upper
43 100
61 14.1 19.9 29.9#
87 9.7 9.0 13.6



#50
Toluene-d8
Concen: 54.409 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081625.D
Acq: 29 Mar 2024 19:05

Tgt Ion: 98 Resp: 790934
Ion Ratio Lower Upper
98 100
100 65.2 51.4 77.0

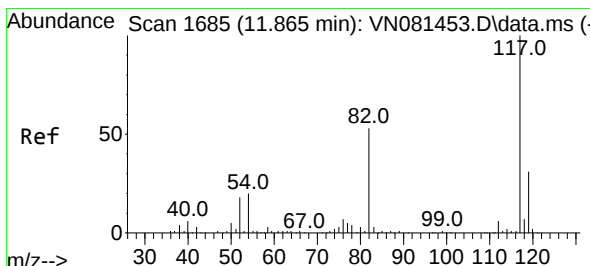
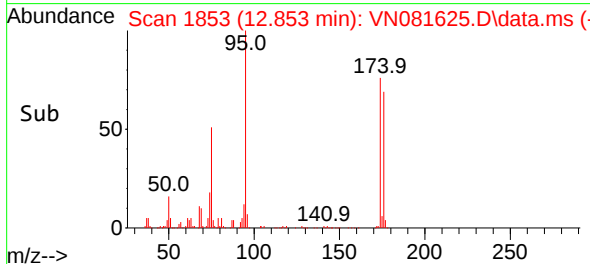
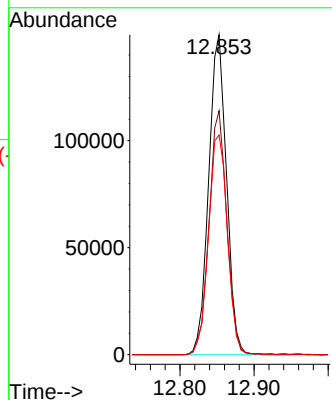
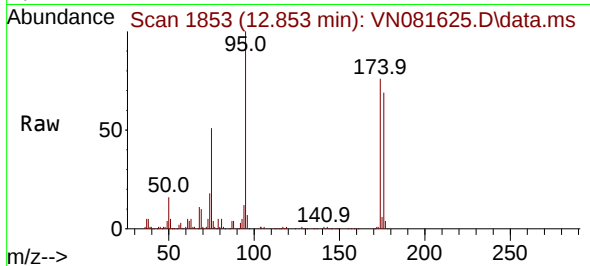




#62
4-Bromofluorobenzene
Concen: 48.788 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081625.D
Acq: 29 Mar 2024 19:05

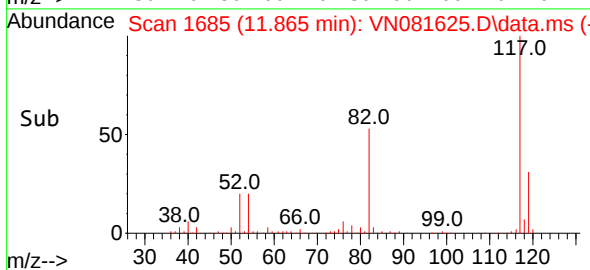
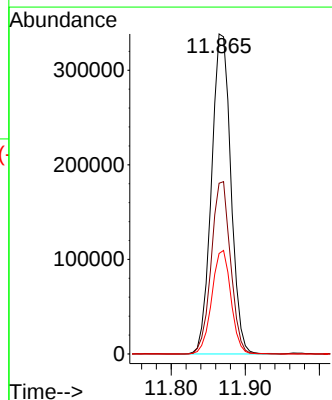
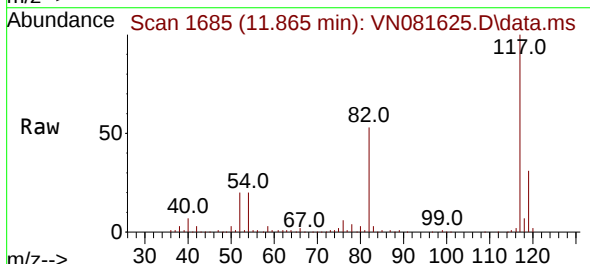
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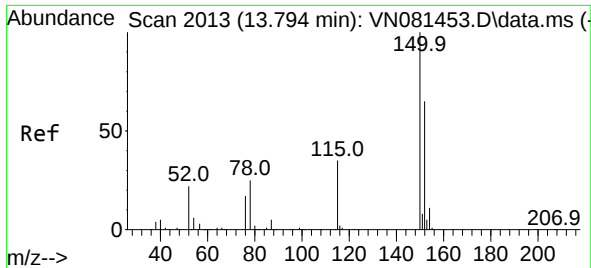
Tgt Ion: 95 Resp: 249904
Ion Ratio Lower Upper
95 100
174 76.3 0.0 120.4
176 72.6 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081625.D
Acq: 29 Mar 2024 19:05

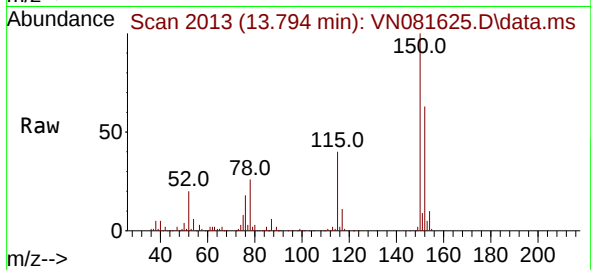
Tgt Ion: 117 Resp: 614287
Ion Ratio Lower Upper
117 100
82 53.4 52.7 79.1
119 31.4 25.3 37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN081625.D
 Acq: 29 Mar 2024 19:05

Instrument :
 MSVOA_N
 ClientSampleId :
 PB159859ZHE#03



Tgt Ion:152 Resp: 232759
 Ion Ratio Lower Upper
 152 100
 115 62.2 32.3 96.8
 150 159.2 0.0 339.8

