

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032924\
 Data File : VN081629.D
 Acq On : 29 Mar 2024 20:40
 Operator : JC\MD
 Sample : PB159859ZHE#07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB159859ZHE#07

Quant Time: Mar 30 00:35:37 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)

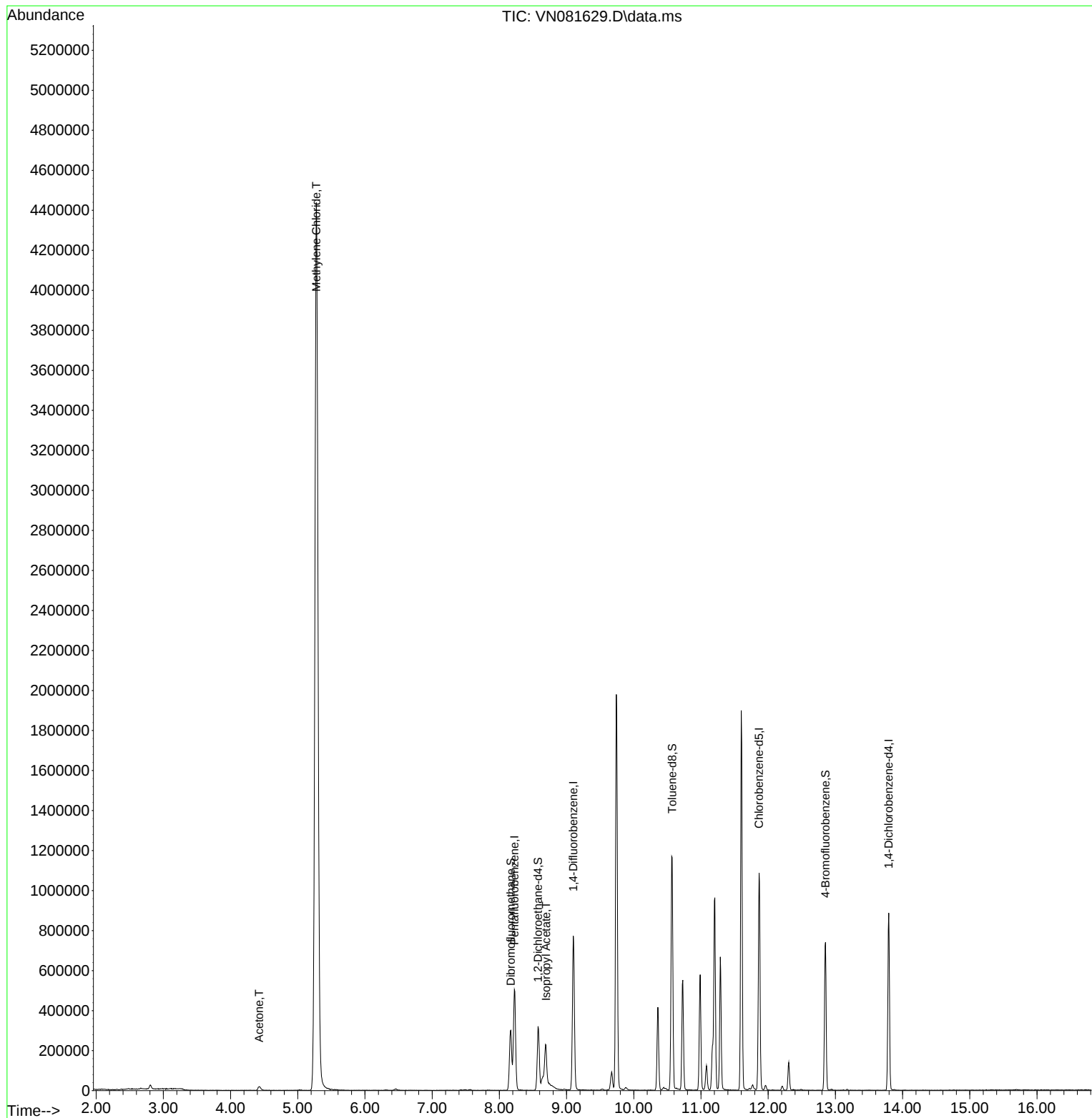
Internal Standards						
1) Pentafluorobenzene	8.224	168	357979	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	684505	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	642118	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	239462	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	250470	54.865	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.740%	
35) Dibromofluoromethane	8.171	113	214963	49.761	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.520%	
50) Toluene-d8	10.571	98	841692	53.899	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.800%	
62) 4-Bromofluorobenzene	12.853	95	259412	47.145	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 94.280%	
Target Compounds						Qvalue
16) Acetone	4.424	43	34465	23.360	ug/l	99
20) Methylene Chloride	5.277	84	3779918	782.138	ug/l	85
43) Isopropyl Acetate	8.694	43	324656	31.462	ug/l #	81

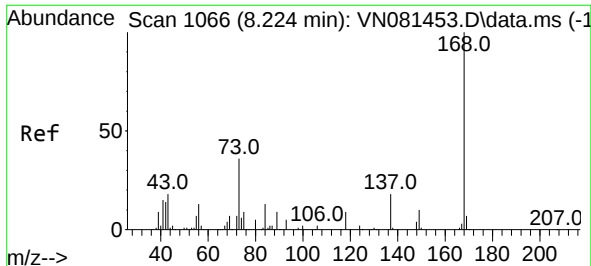
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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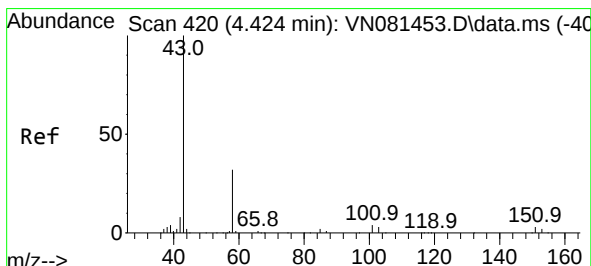
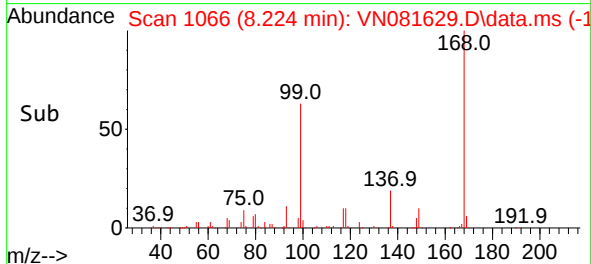
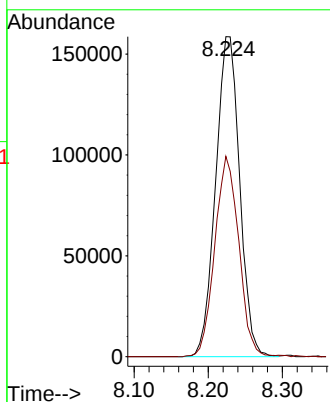
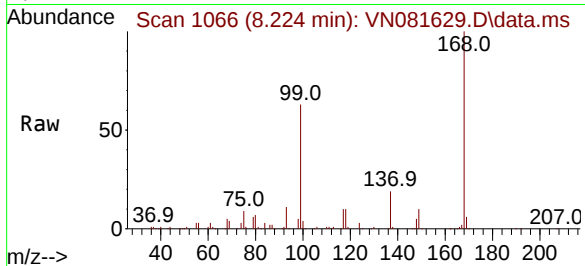




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081629.D
Acq: 29 Mar 2024 20:40

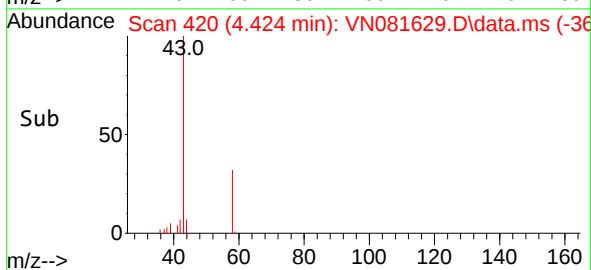
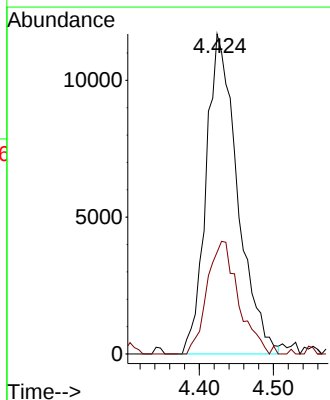
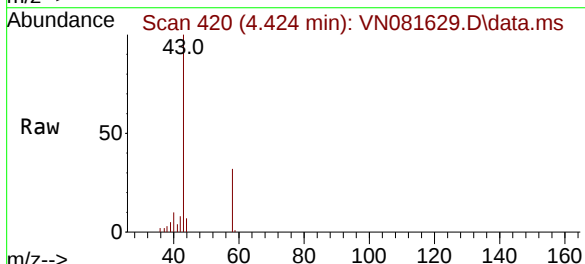
Instrument :
MSVOA_N
ClientSampleId :
PB159859ZHE#07

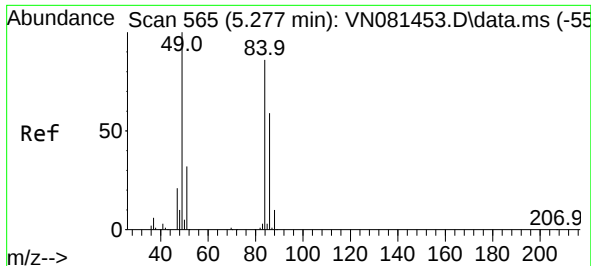
Tgt Ion:168 Resp: 357979
Ion Ratio Lower Upper
168 100
99 62.6 59.9 89.9



#16
Acetone
Concen: 23.360 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081629.D
Acq: 29 Mar 2024 20:40

Tgt Ion: 43 Resp: 34465
Ion Ratio Lower Upper
43 100
58 31.8 24.8 37.2



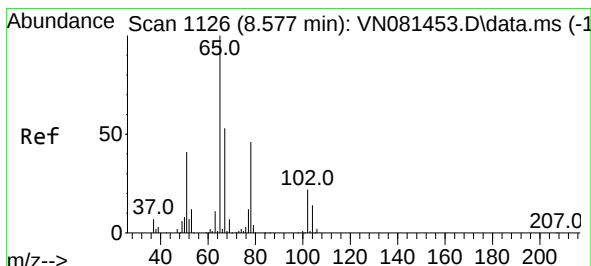
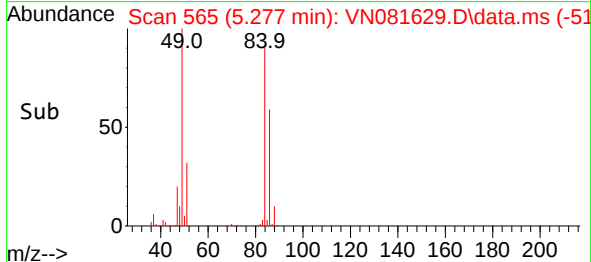
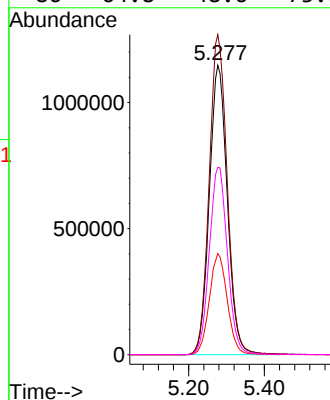
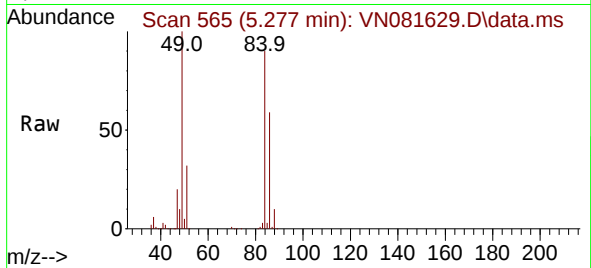


#20
Methylene Chloride
Concen: 782.138 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN081629.D
Acq: 29 Mar 2024 20:40

Instrument :
MSVOA_N
ClientSampleId :
PB159859ZHE#07

Tgt Ion: 84 Resp: 3779918

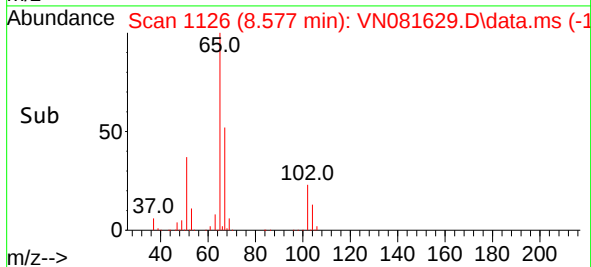
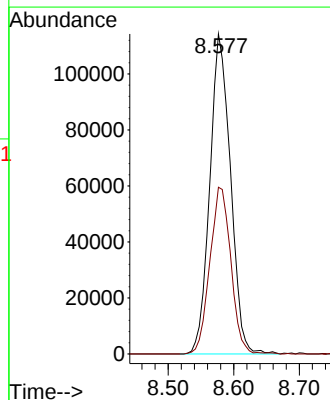
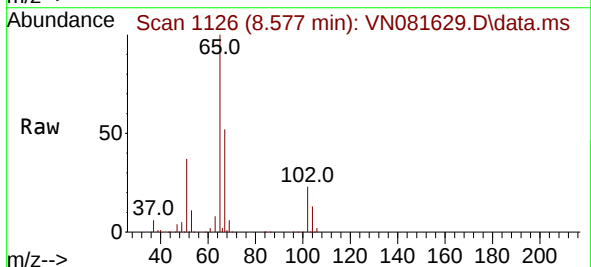
Ion	Ratio	Lower	Upper
84	100		
49	110.6	108.1	162.1
51	35.0	32.9	49.3
86	64.8	48.6	73.0

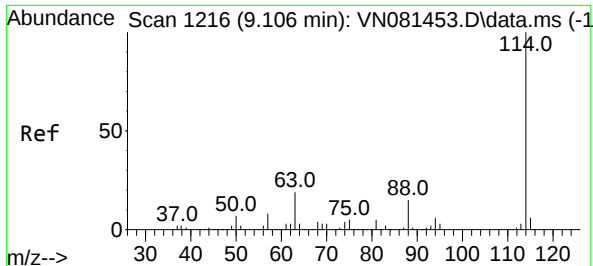


#33
1,2-Dichloroethane-d4
Concen: 54.865 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081629.D
Acq: 29 Mar 2024 20:40

Tgt Ion: 65 Resp: 250470

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN081629.D

Acq: 29 Mar 2024 20:40

Instrument :

MSVOA_N

ClientSampleId :

PB159859ZHE#07

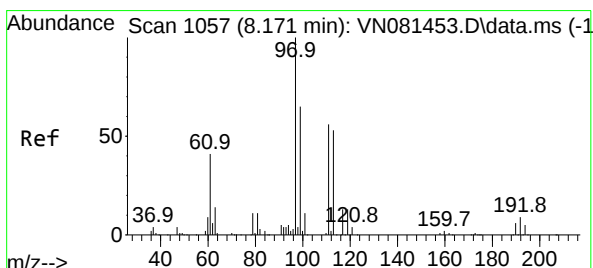
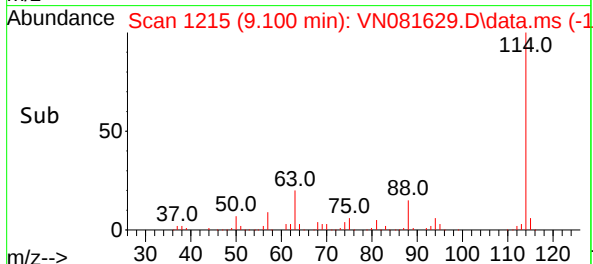
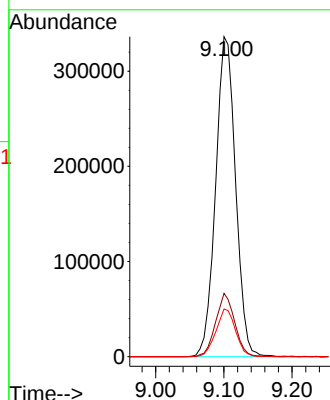
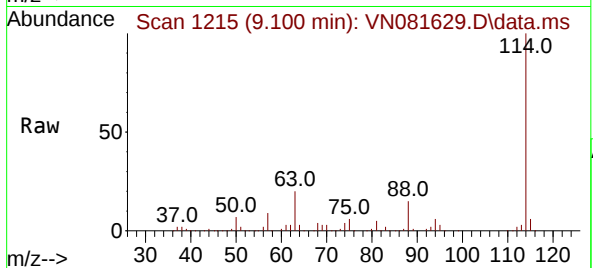
Tgt Ion:114 Resp: 684505

Ion Ratio Lower Upper

114 100

63 19.8 0.0 48.0

88 14.9 0.0 34.8



#35

Dibromofluoromethane

Concen: 49.761 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN081629.D

Acq: 29 Mar 2024 20:40

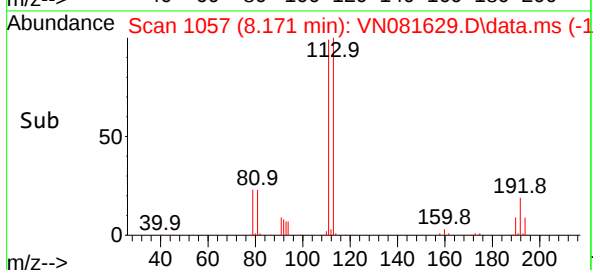
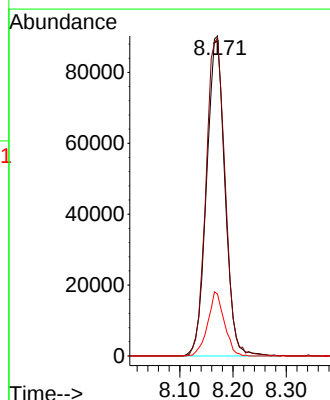
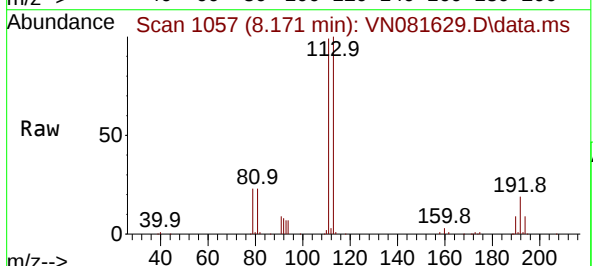
Tgt Ion:113 Resp: 214963

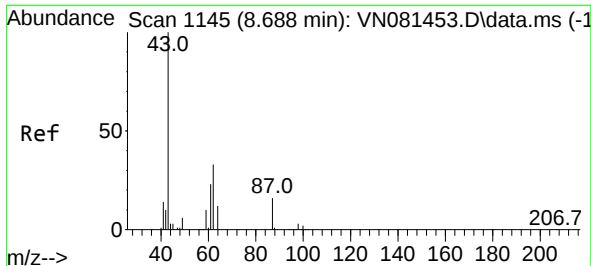
Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.4

192 18.2 12.5 18.7

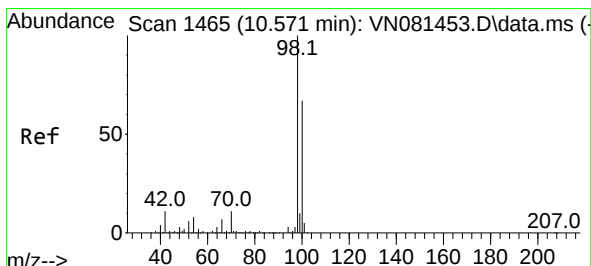
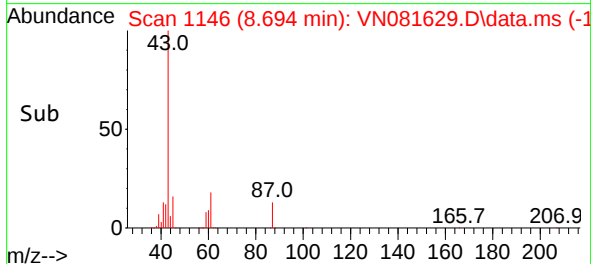
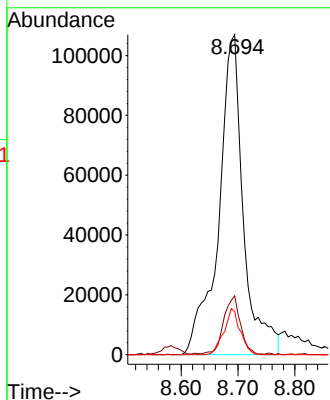
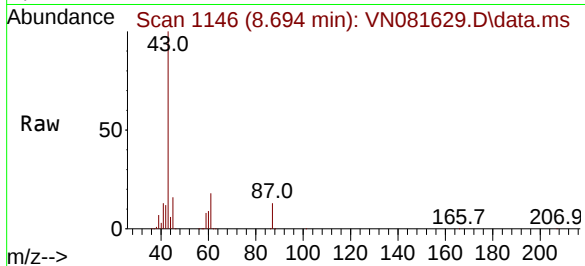




#43
Isopropyl Acetate
Concen: 31.462 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN081629.D
Acq: 29 Mar 2024 20:40

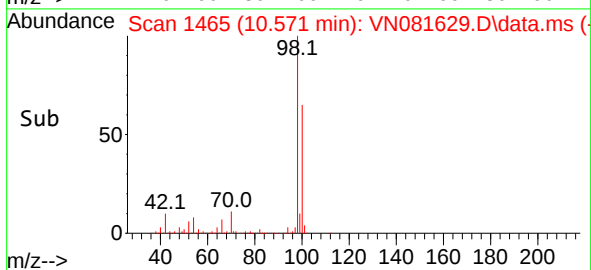
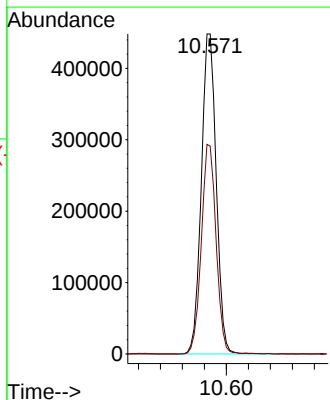
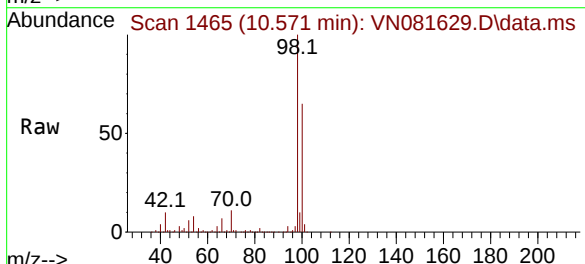
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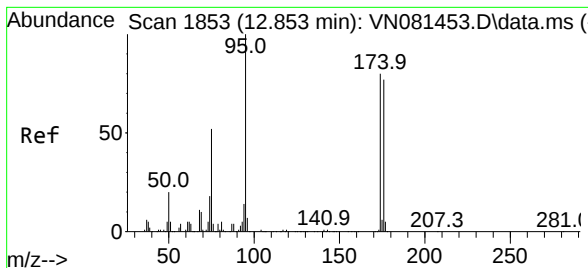
Tgt Ion: 43 Resp: 324656
Ion Ratio Lower Upper
43 100
61 12.4 19.9 29.9#
87 9.4 9.0 13.6



#50
Toluene-d8
Concen: 53.899 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081629.D
Acq: 29 Mar 2024 20:40

Tgt Ion: 98 Resp: 841692
Ion Ratio Lower Upper
98 100
100 64.8 51.4 77.0

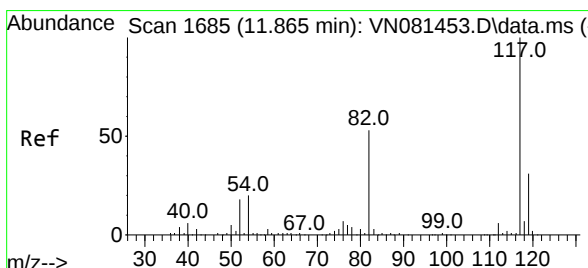
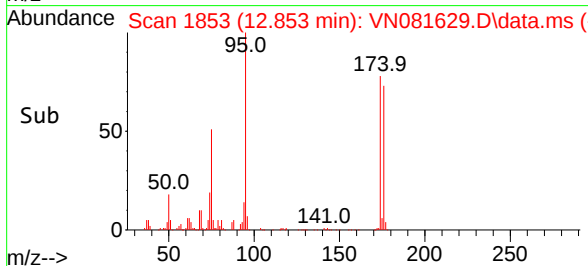
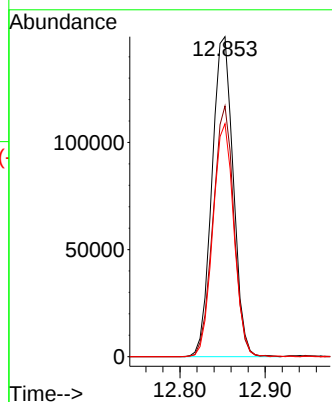
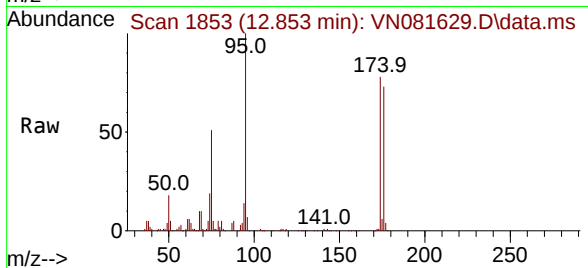




#62
4-Bromofluorobenzene
Concen: 47.145 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081629.D
Acq: 29 Mar 2024 20:40

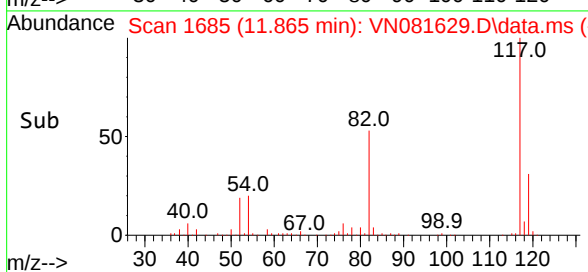
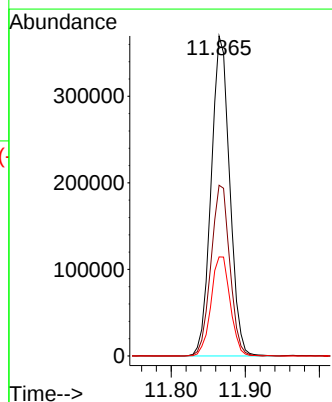
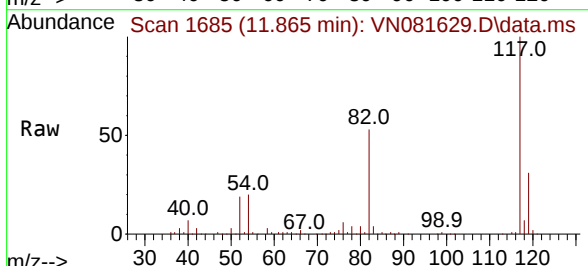
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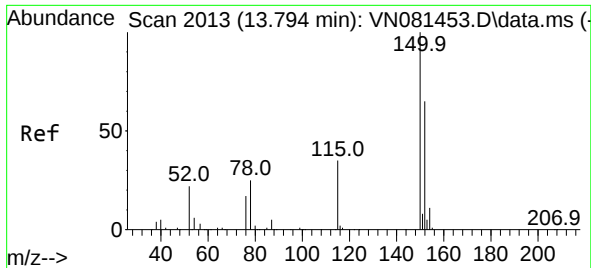
Tgt Ion: 95 Resp: 259412
Ion Ratio Lower Upper
95 100
174 76.8 0.0 120.4
176 72.0 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081629.D
Acq: 29 Mar 2024 20:40

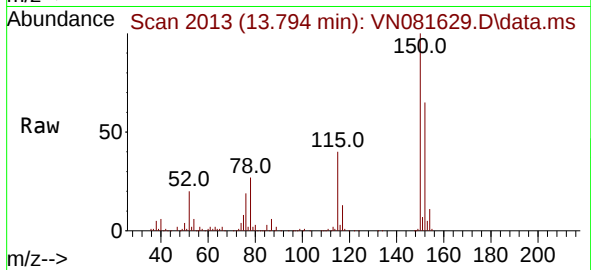
Tgt Ion: 117 Resp: 642118
Ion Ratio Lower Upper
117 100
82 53.3 52.7 79.1
119 30.9 25.3 37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN081629.D
 Acq: 29 Mar 2024 20:40

Instrument :
 MSVOA_N
 ClientSampleId :
 PB159859ZHE#07



Tgt Ion:152 Resp: 239462
 Ion Ratio Lower Upper
 152 100
 115 61.6 32.3 96.8
 150 157.3 0.0 339.8

