

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032924\
 Data File : VN081622.D
 Acq On : 29 Mar 2024 17:53
 Operator : JC\MD
 Sample : PB159859TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB159859TB

Quant Time: Mar 30 00:32:55 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)

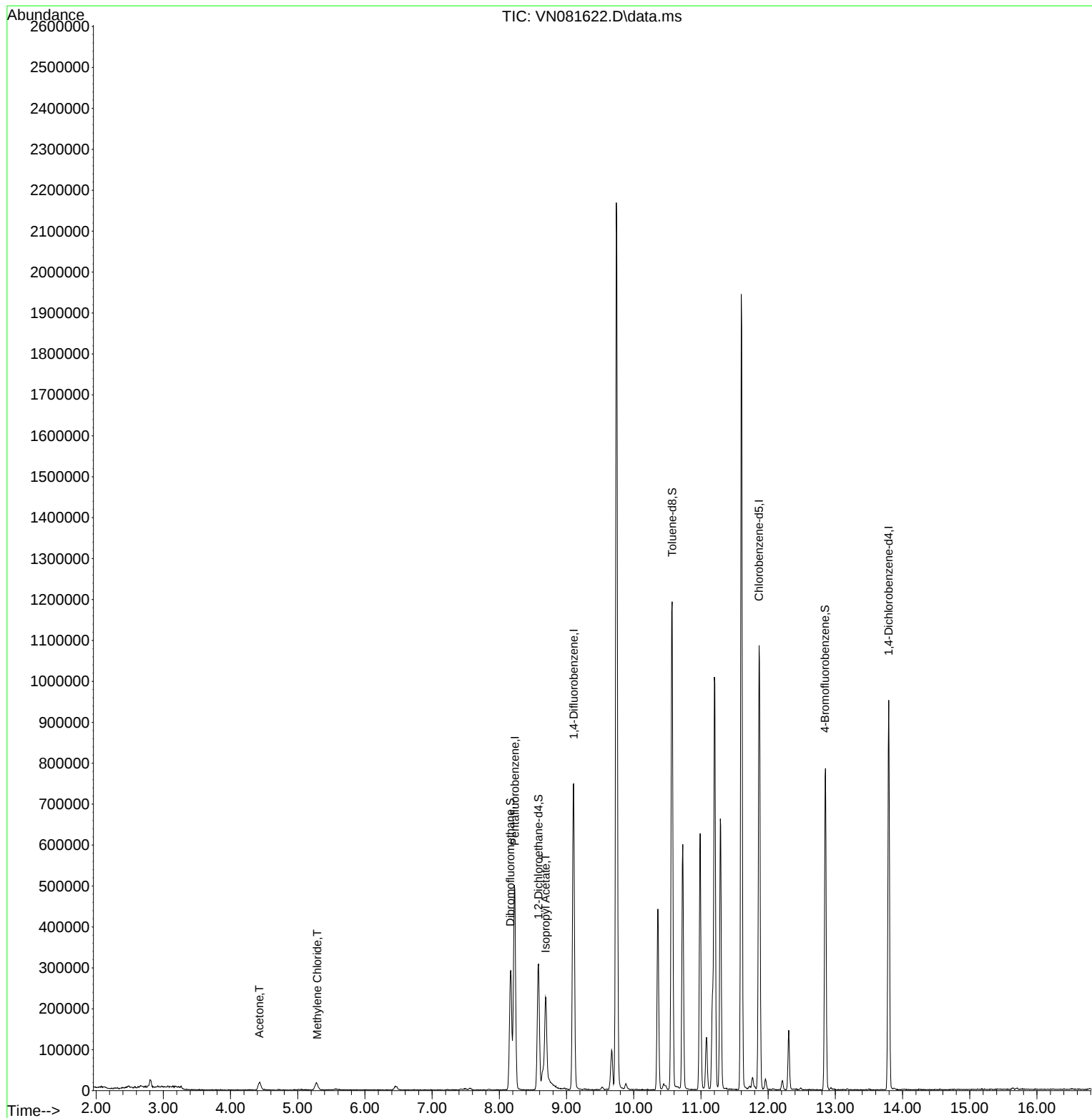
Internal Standards						
1) Pentafluorobenzene	8.230	168	357840	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	678138	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	660758	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	251688	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	251144	55.034	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	110.060%	
35) Dibromofluoromethane	8.165	113	215914	50.450	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	100.900%	
50) Toluene-d8	10.571	98	834564	53.945	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	107.880%	
62) 4-Bromofluorobenzene	12.847	95	269590	49.454	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	=	98.900%	
Target Compounds						
						Qvalue
16) Acetone	4.430	43	36420	24.695	ug/l	97
20) Methylene Chloride	5.289	84	13022	2.696	ug/l #	83
43) Isopropyl Acetate	8.689	43	314878	30.801	ug/l #	85

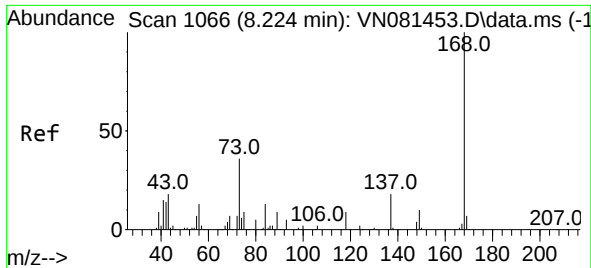
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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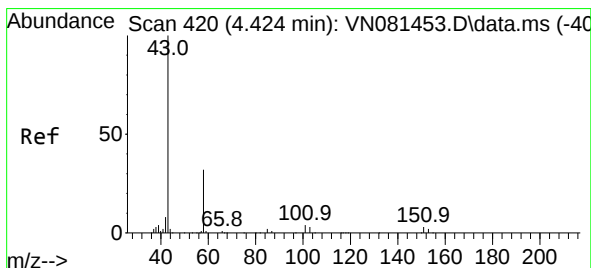
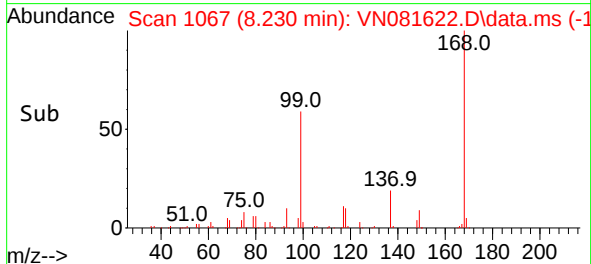
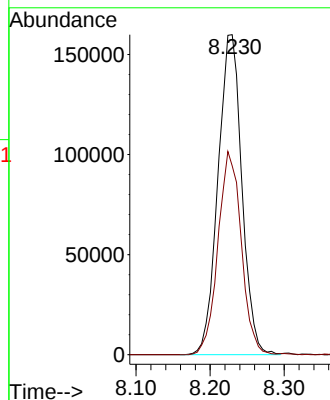
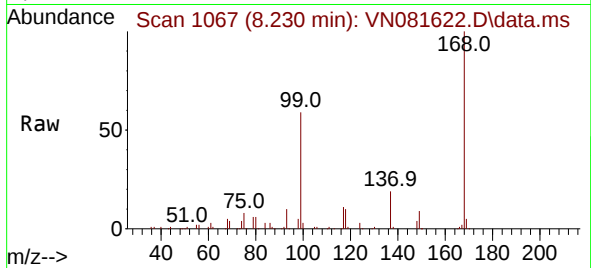




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081622.D
Acq: 29 Mar 2024 17:53

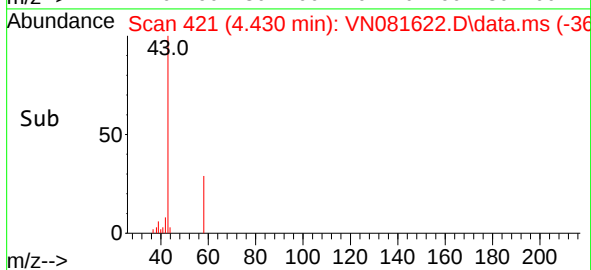
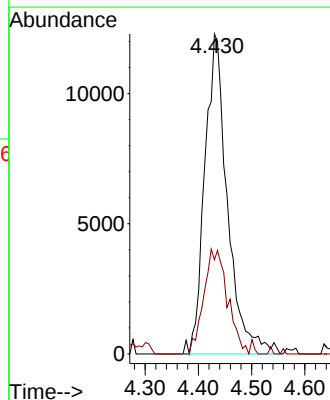
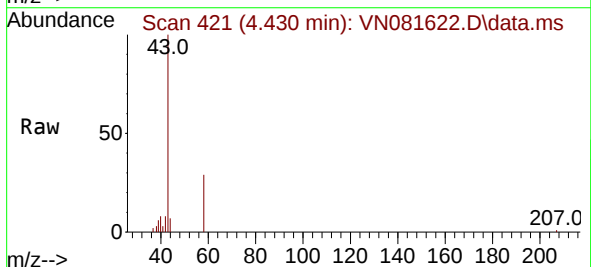
Instrument :
MSVOA_N
ClientSampleId :
PB159859TB

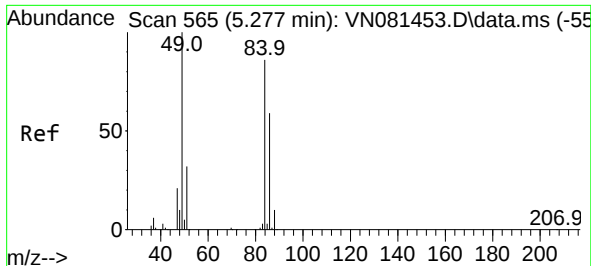
Tgt Ion:168 Resp: 357840
Ion Ratio Lower Upper
168 100
99 59.0 59.9 89.9#



#16
Acetone
Concen: 24.695 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081622.D
Acq: 29 Mar 2024 17:53

Tgt Ion: 43 Resp: 36420
Ion Ratio Lower Upper
43 100
58 29.4 24.8 37.2

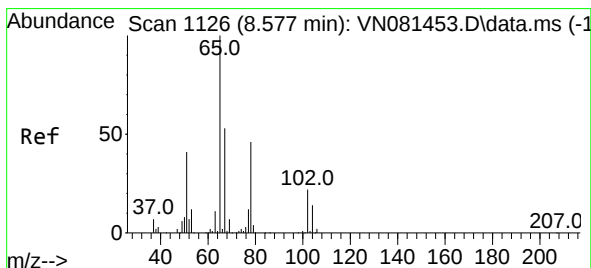
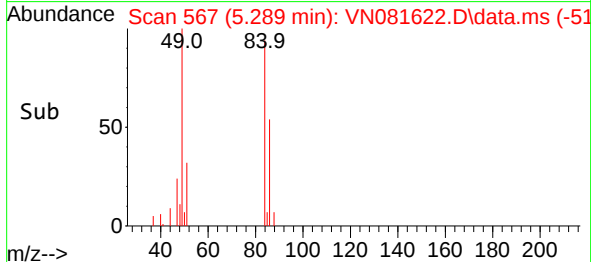
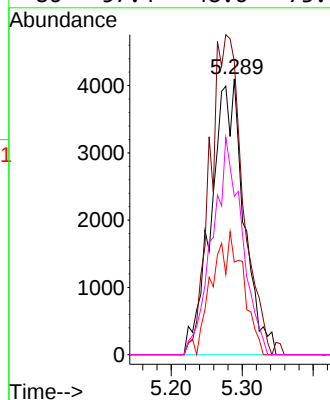
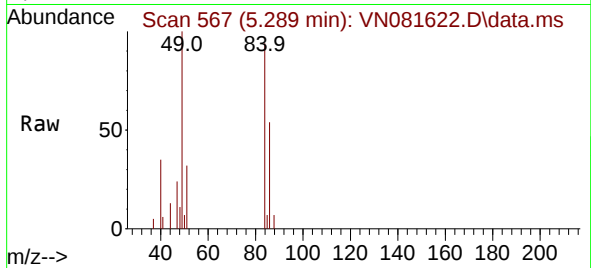




#20
Methylene Chloride
Concen: 2.696 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN081622.D
Acq: 29 Mar 2024 17:53

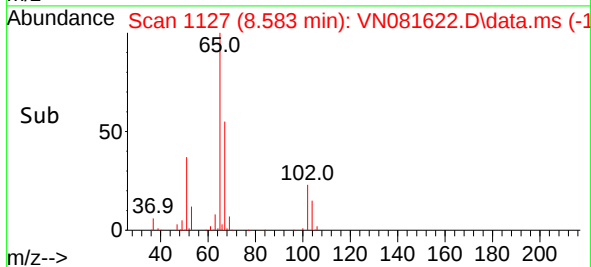
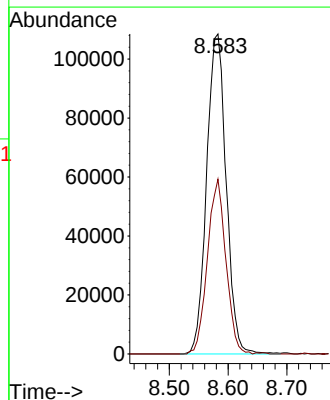
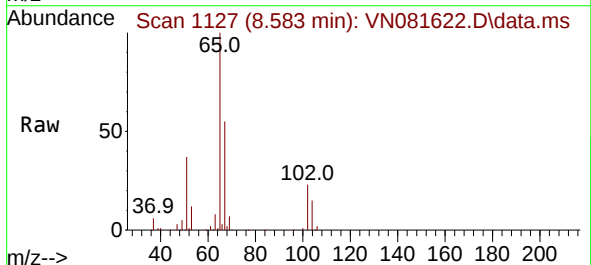
Instrument :
MSVOA_N
ClientSampleId :
PB159859TB

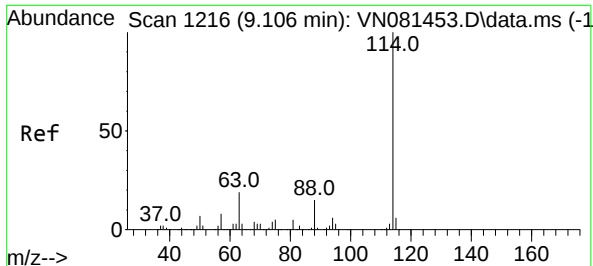
Tgt Ion:	84	Resp:	13022
Ion	Ratio	Lower	Upper
84	100		
49	106.4	108.1	162.1#
51	33.6	32.9	49.3
86	57.4	48.6	73.0



#33
1,2-Dichloroethane-d4
Concen: 55.034 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081622.D
Acq: 29 Mar 2024 17:53

Tgt Ion:	65	Resp:	251144
Ion	Ratio	Lower	Upper
65	100		
67	51.6	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: VN081622.D

Acq: 29 Mar 2024 17:53

Instrument :

MSVOA_N

ClientSampleId :

PB159859TB

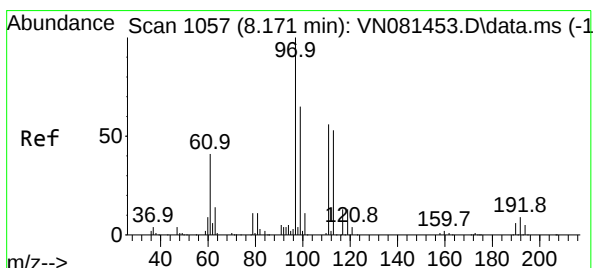
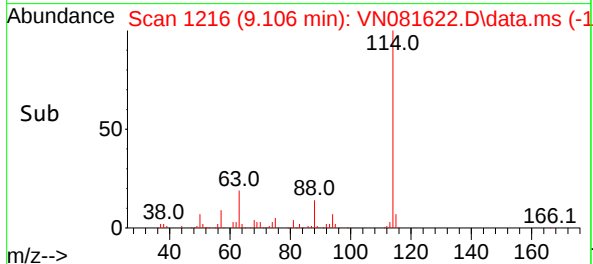
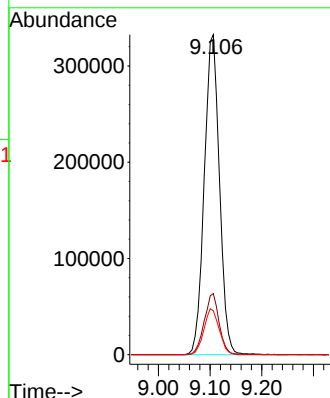
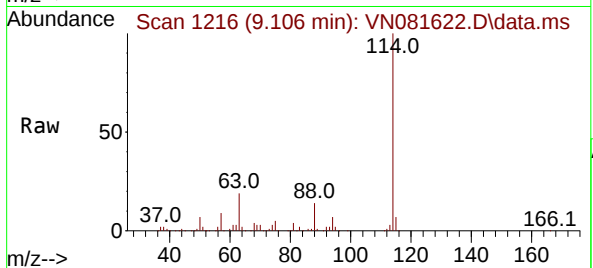
Tgt Ion:114 Resp: 678138

Ion Ratio Lower Upper

114 100

63 19.1 0.0 48.0

88 13.7 0.0 34.8



#35

Dibromofluoromethane

Concen: 50.450 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081622.D

Acq: 29 Mar 2024 17:53

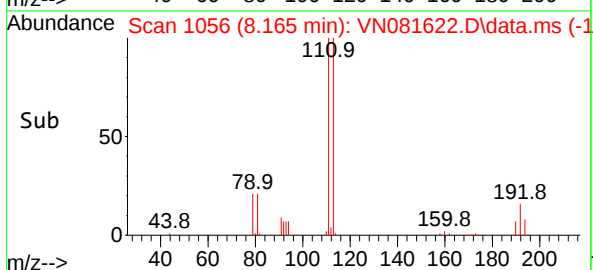
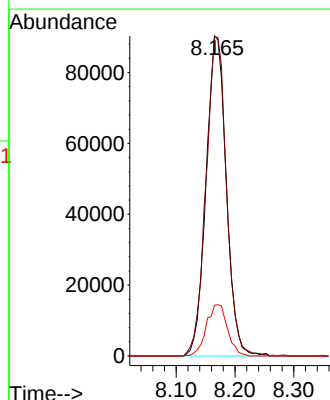
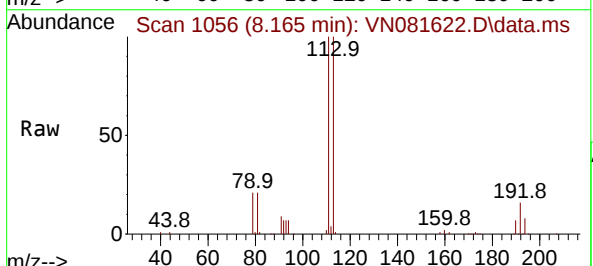
Tgt Ion:113 Resp: 215914

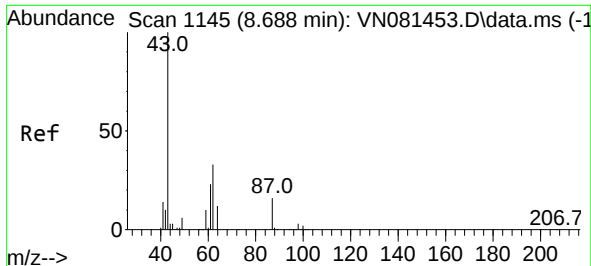
Ion Ratio Lower Upper

113 100

111 101.2 82.2 123.4

192 16.7 12.5 18.7

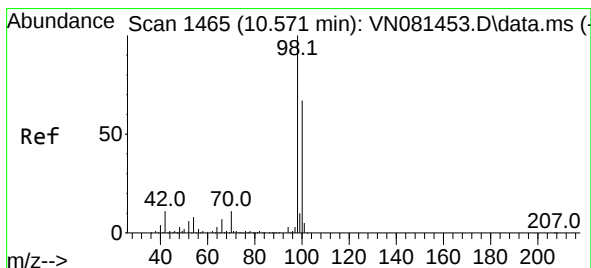
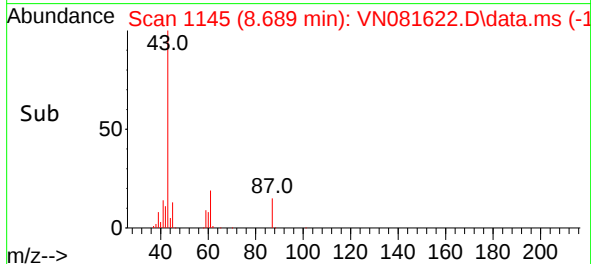
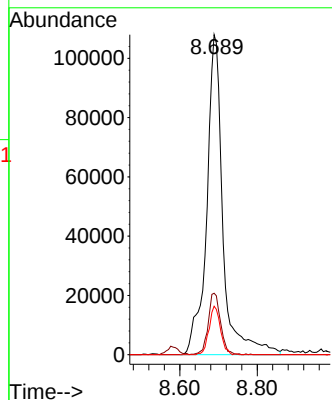
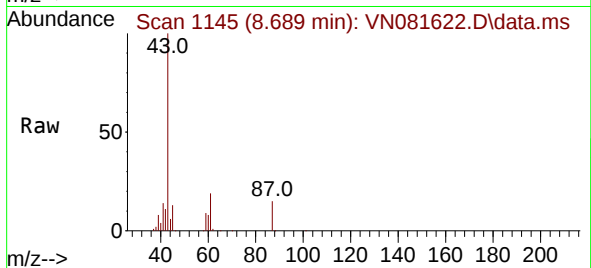




#43
Isopropyl Acetate
Concen: 30.801 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081622.D
Acq: 29 Mar 2024 17:53

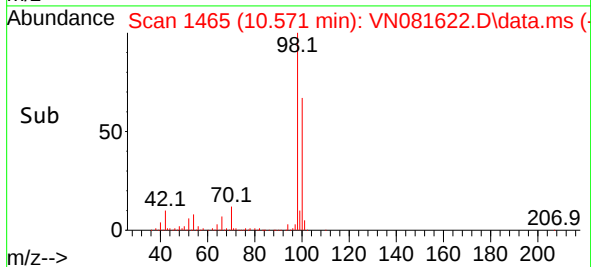
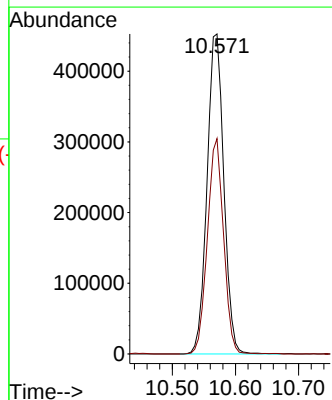
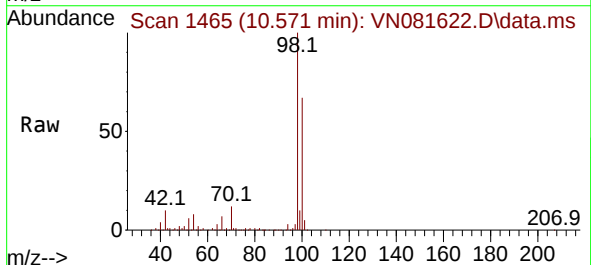
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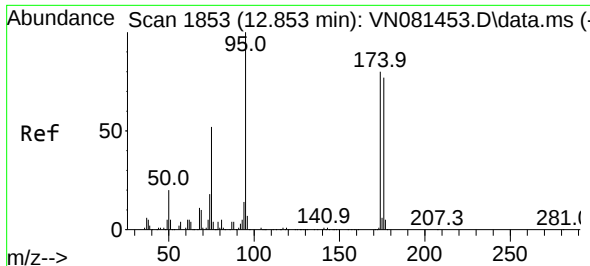
Tgt Ion: 43 Resp: 314878
Ion Ratio Lower Upper
43 100
61 14.6 19.9 29.9#
87 10.7 9.0 13.6



#50
Toluene-d8
Concen: 53.945 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081622.D
Acq: 29 Mar 2024 17:53

Tgt Ion: 98 Resp: 834564
Ion Ratio Lower Upper
98 100
100 64.9 51.4 77.0

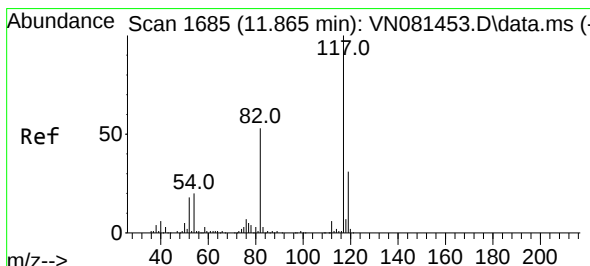
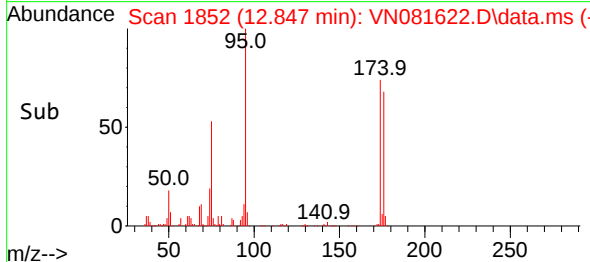
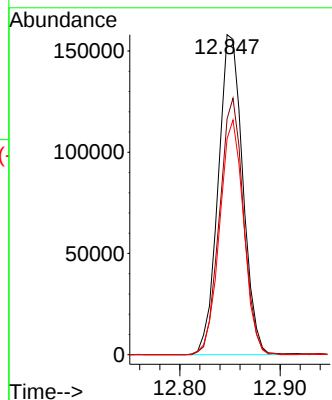
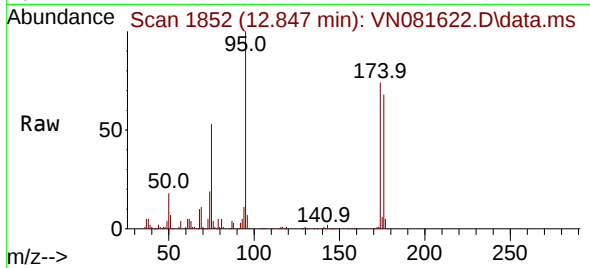




#62
4-Bromofluorobenzene
Concen: 49.454 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081622.D
Acq: 29 Mar 2024 17:53

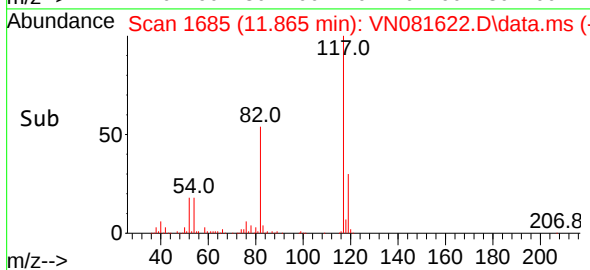
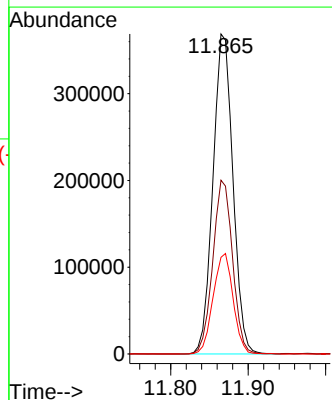
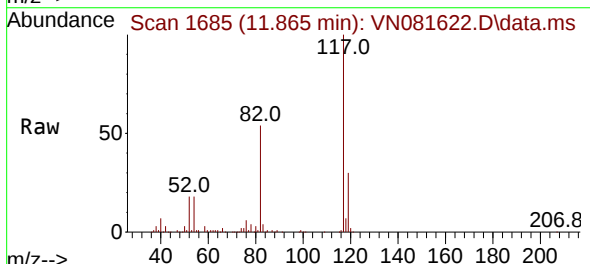
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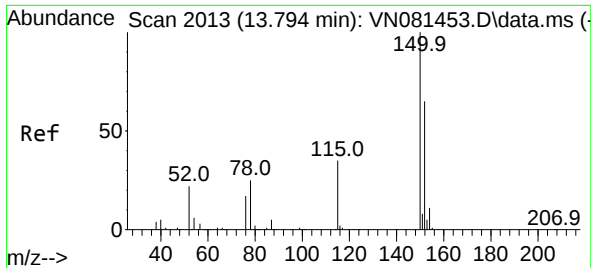
Tgt Ion: 95 Resp: 269590
Ion Ratio Lower Upper
95 100
174 77.9 0.0 120.4
176 71.8 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081622.D
Acq: 29 Mar 2024 17:53

Tgt Ion: 117 Resp: 660758
Ion Ratio Lower Upper
117 100
82 54.3 52.7 79.1
119 30.2 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: VN081622.D
 Acq: 29 Mar 2024 17:53

Instrument :
 MSVOA_N
 ClientSampleId :
 PB159859TB

Tgt Ion:152 Resp: 251688
 Ion Ratio Lower Upper
 152 100
 115 61.6 32.3 96.8
 150 157.9 0.0 339.8

