

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032924\
 Data File : VN081627.D
 Acq On : 29 Mar 2024 19:53
 Operator : JC\MD
 Sample : PB159859ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB159859ZHE#05

Quant Time: Mar 30 00:34:51 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)

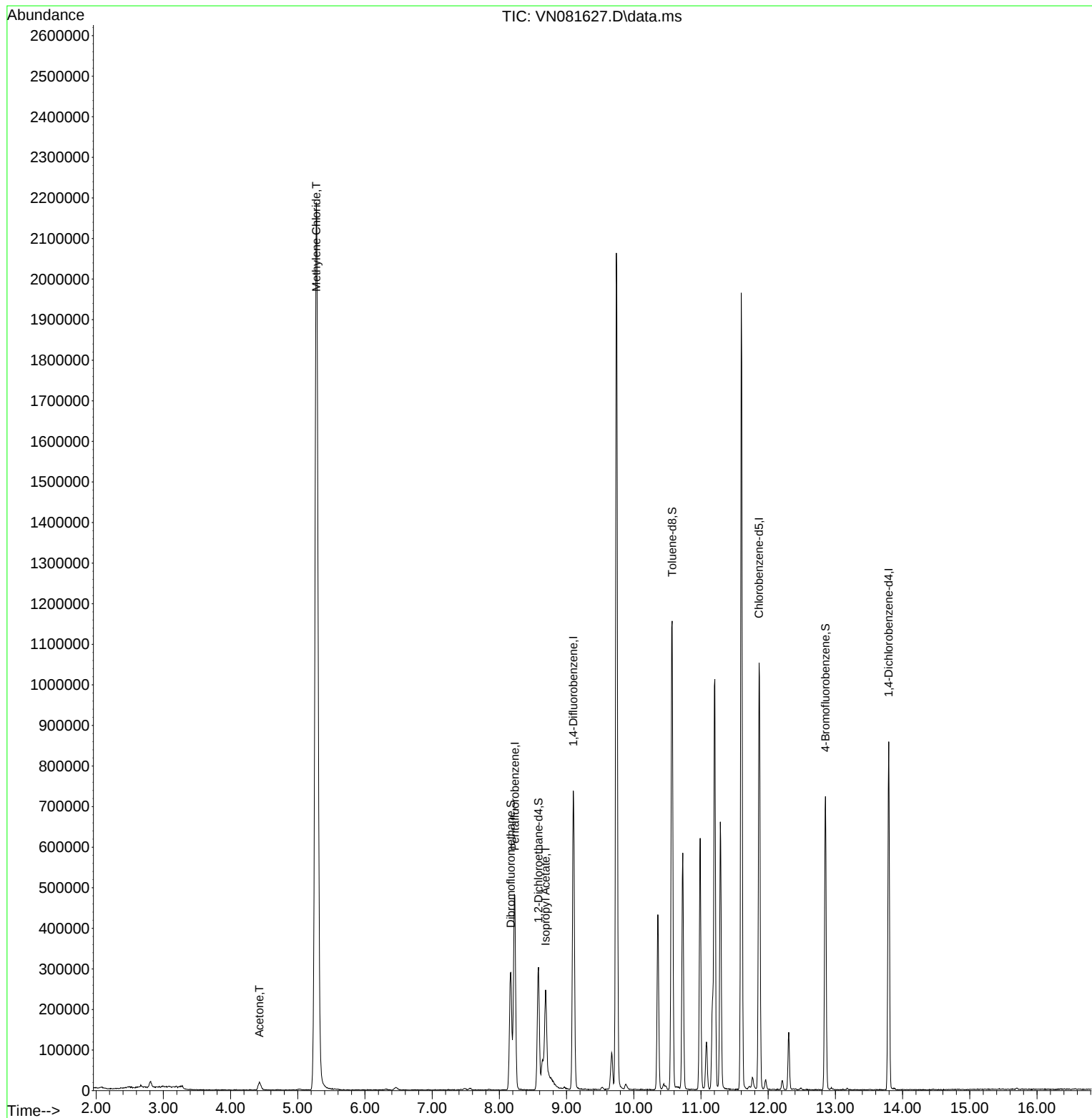
Internal Standards						
1) Pentafluorobenzene	8.230	168	343762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	664642	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	627323	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	223603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	242267	55.263	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.520%
35) Dibromofluoromethane	8.171	113	214122	51.047	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.100%
50) Toluene-d8	10.571	98	818953	54.010	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.020%
62) 4-Bromofluorobenzene	12.853	95	251573	47.086	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	94.180%
Target Compounds						
						Qvalue
16) Acetone	4.430	43	35089	24.767	ug/l	# 86
20) Methylene Chloride	5.277	84	1888117	406.846	ug/l	85
43) Isopropyl Acetate	8.688	43	352210	35.152	ug/l	# 81

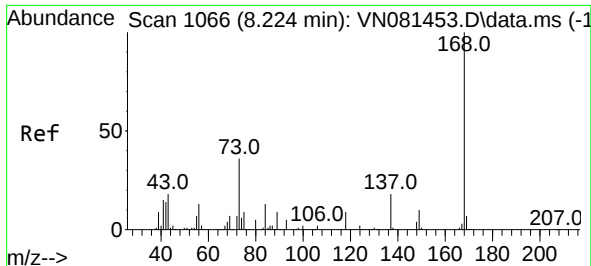
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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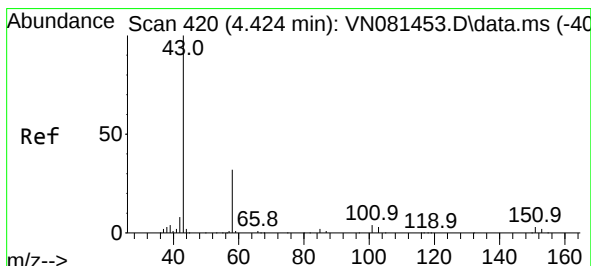
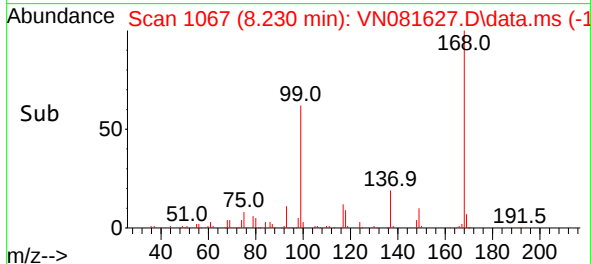
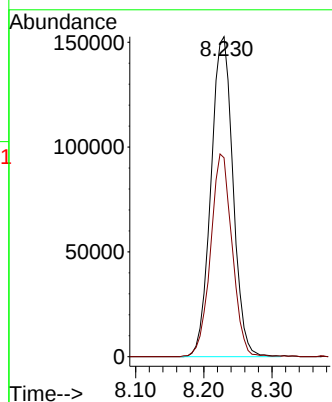
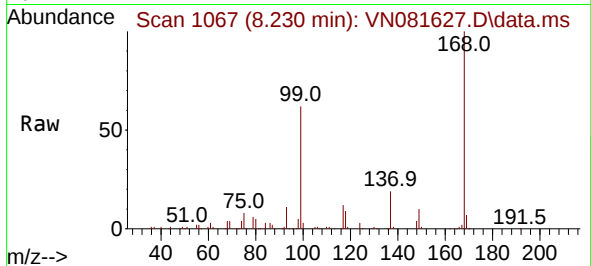




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN081627.D
Acq: 29 Mar 2024 19:53

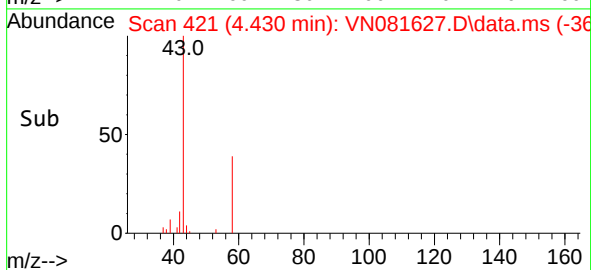
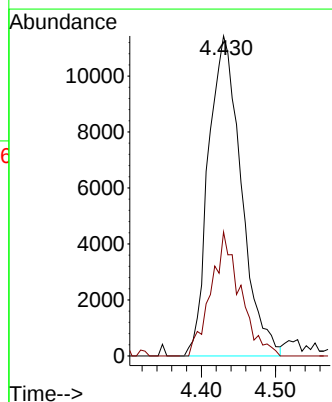
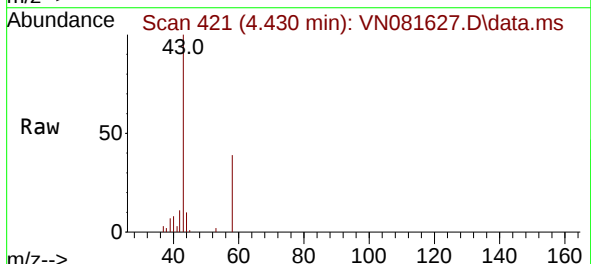
Instrument :
MSVOA_N
ClientSampleId :
PB159859ZHE#05

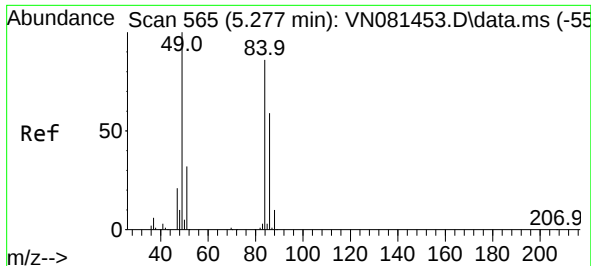
Tgt Ion:168 Resp: 343762
Ion Ratio Lower Upper
168 100
99 62.1 59.9 89.9



#16
Acetone
Concen: 24.767 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081627.D
Acq: 29 Mar 2024 19:53

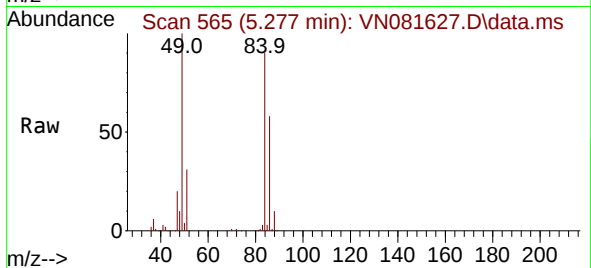
Tgt Ion: 43 Resp: 35089
Ion Ratio Lower Upper
43 100
58 38.8 24.8 37.2#



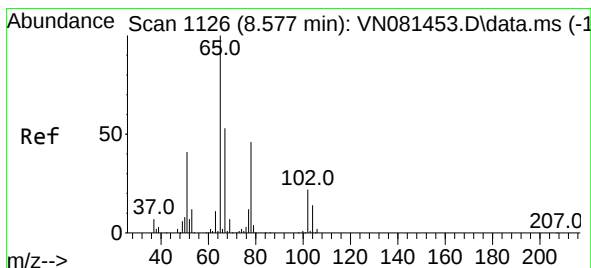
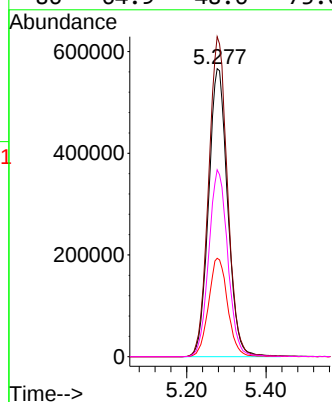
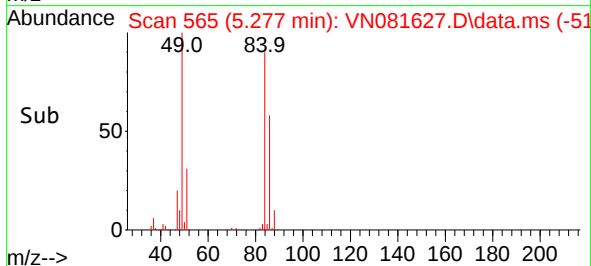


#20
Methylene Chloride
Concen: 406.846 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN081627.D
Acq: 29 Mar 2024 19:53

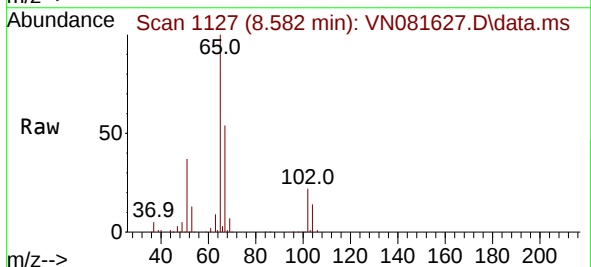
Instrument :
MSVOA_N
ClientSampleId :
PB159859ZHE#05



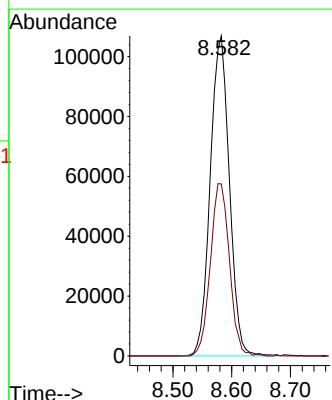
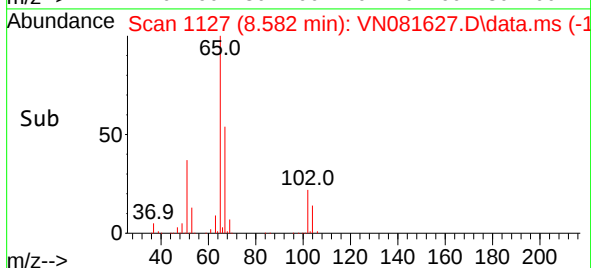
Tgt Ion:	84	Resp:	1888117
Ion	Ratio	Lower	Upper
84	100		
49	111.1	108.1	162.1
51	34.2	32.9	49.3
86	64.9	48.6	73.0

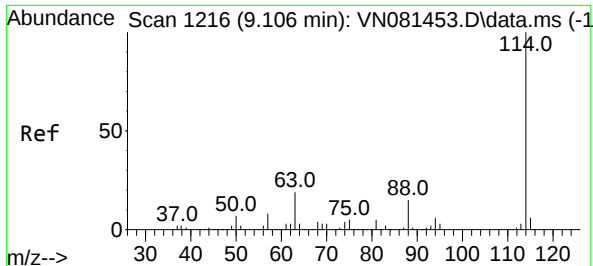


#33
1,2-Dichloroethane-d4
Concen: 55.263 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081627.D
Acq: 29 Mar 2024 19:53



Tgt Ion:	65	Resp:	242267
Ion	Ratio	Lower	Upper
65	100		
67	53.6	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: VN081627.D

Acq: 29 Mar 2024 19:53

Instrument :

MSVOA_N

ClientSampleId :

PB159859ZHE#05

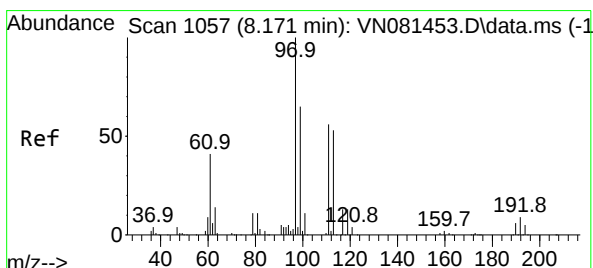
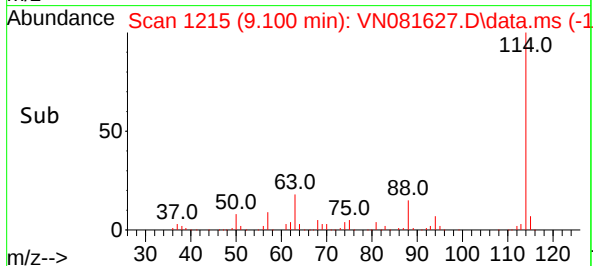
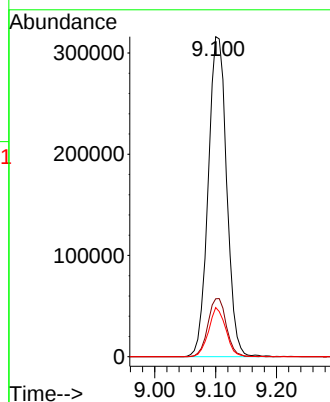
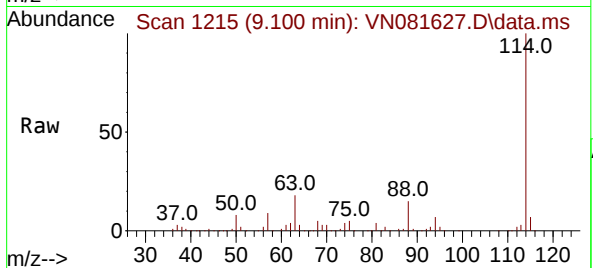
Tgt Ion:114 Resp: 664642

Ion Ratio Lower Upper

114 100

63 18.1 0.0 48.0

88 15.4 0.0 34.8



#35

Dibromofluoromethane

Concen: 51.047 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN081627.D

Acq: 29 Mar 2024 19:53

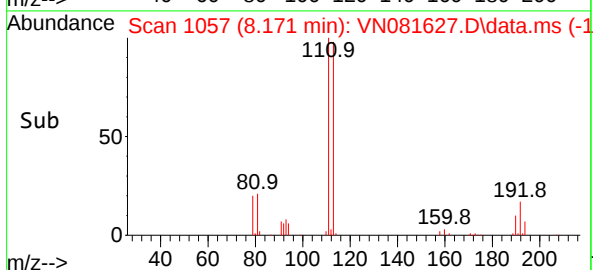
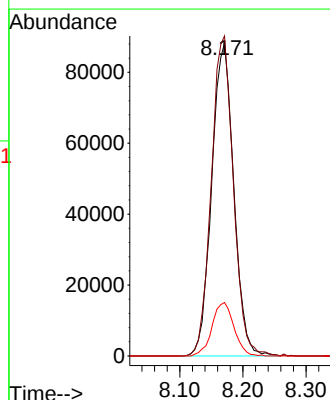
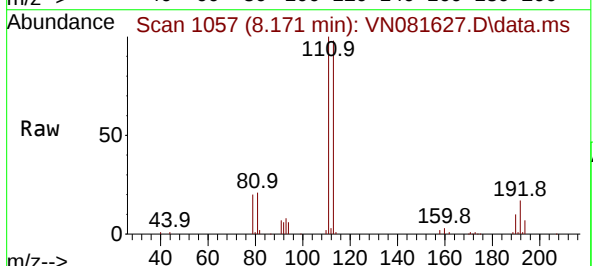
Tgt Ion:113 Resp: 214122

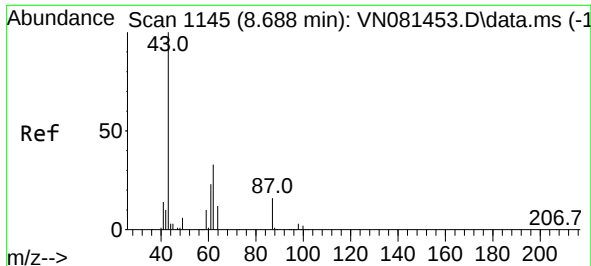
Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.4

192 17.0 12.5 18.7





#43

Isopropyl Acetate

Concen: 35.152 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN081627.D

Acq: 29 Mar 2024 19:53

Instrument :

MSVOA_N

ClientSampleId :

PB159859ZHE#05

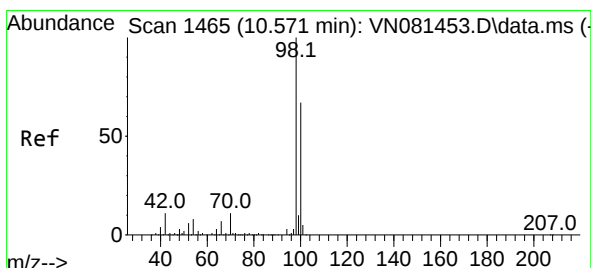
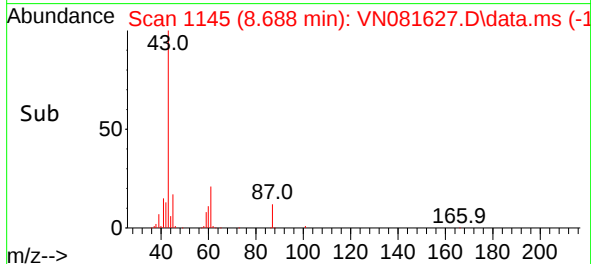
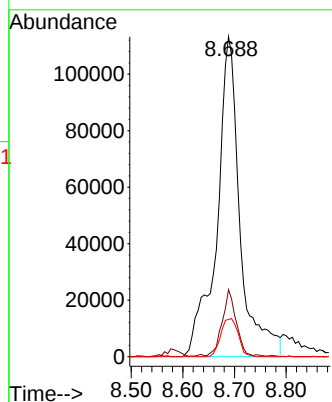
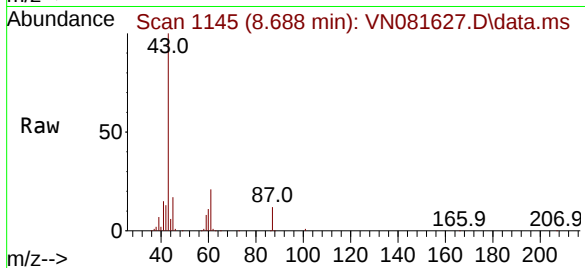
Tgt Ion: 43 Resp: 352210

Ion Ratio Lower Upper

43 100

61 12.6 19.9 29.9#

87 8.9 9.0 13.6#



#50

Toluene-d8

Concen: 54.010 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN081627.D

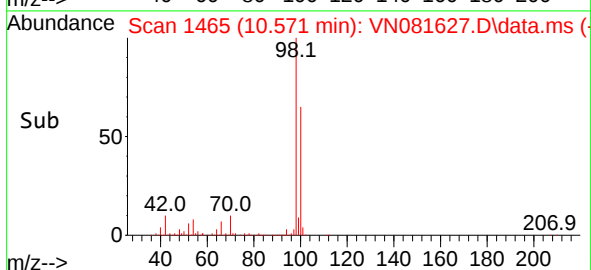
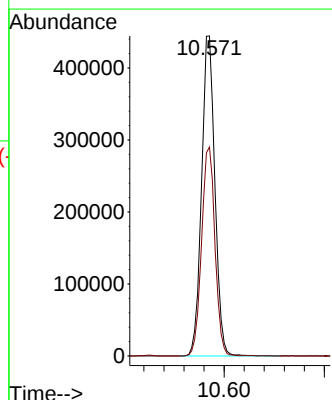
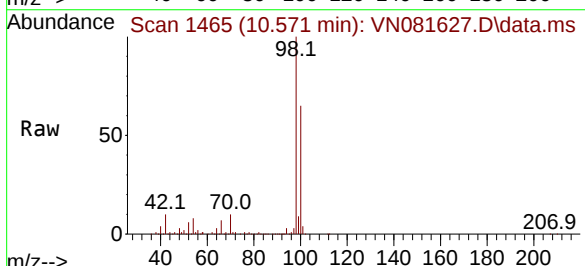
Acq: 29 Mar 2024 19:53

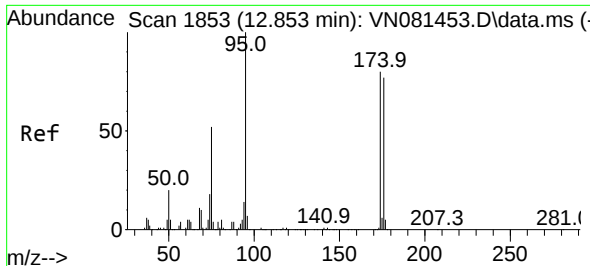
Tgt Ion: 98 Resp: 818953

Ion Ratio Lower Upper

98 100

100 65.6 51.4 77.0

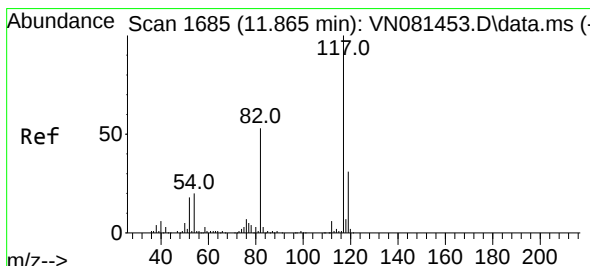
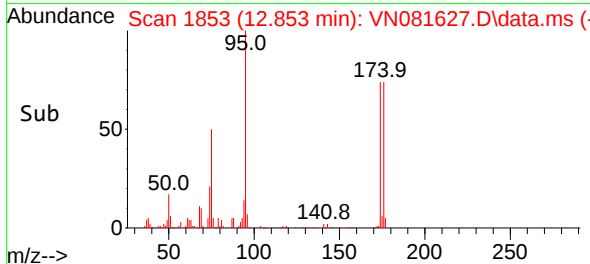
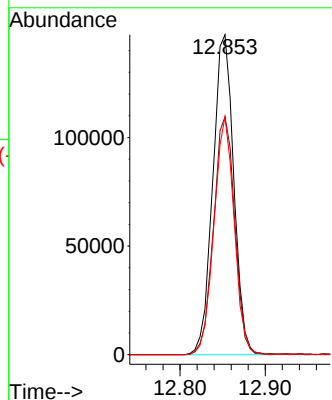
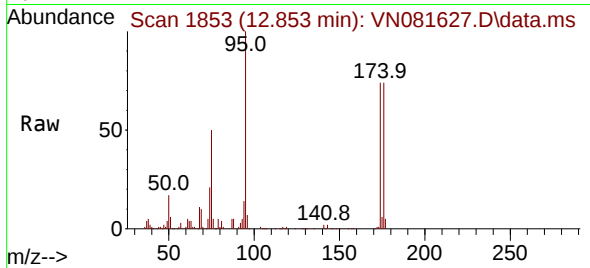




#62
4-Bromofluorobenzene
Concen: 47.086 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081627.D
Acq: 29 Mar 2024 19:53

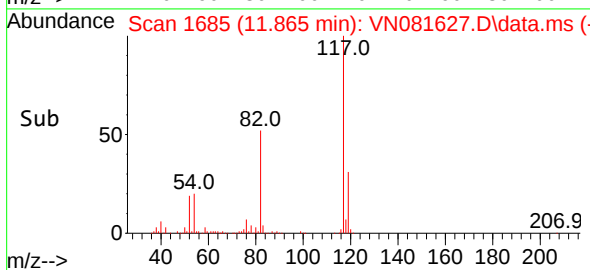
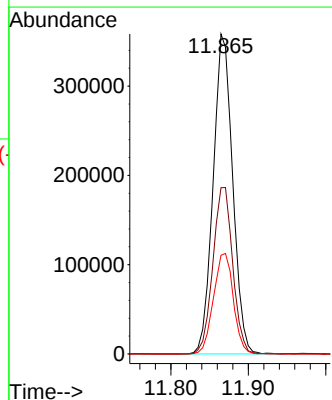
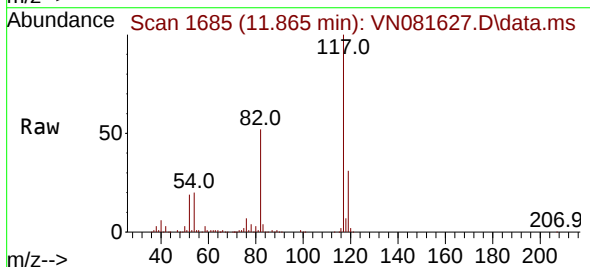
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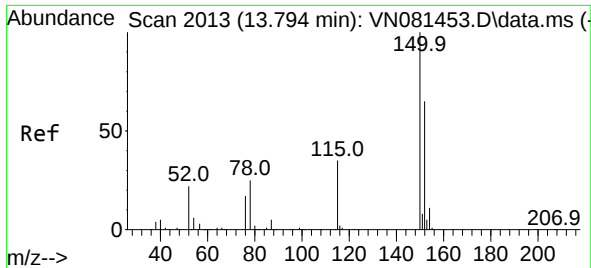
Tgt Ion: 95 Resp: 251573
Ion Ratio Lower Upper
95 100
174 75.3 0.0 120.4
176 71.7 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081627.D
Acq: 29 Mar 2024 19:53

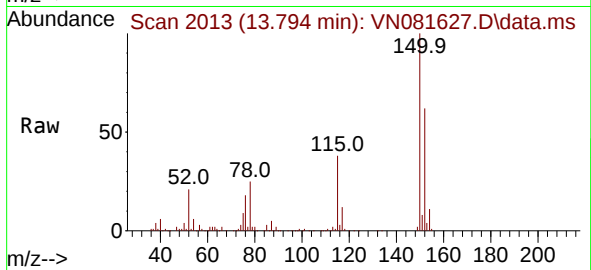
Tgt Ion: 117 Resp: 627323
Ion Ratio Lower Upper
117 100
82 51.9 52.7 79.1#
119 30.8 25.3 37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN081627.D
 Acq: 29 Mar 2024 19:53

Instrument :
 MSVOA_N
 ClientSampleId :
 PB159859ZHE#05



Tgt Ion:152 Resp: 223603
 Ion Ratio Lower Upper
 152 100
 115 62.1 32.3 96.8
 150 157.1 0.0 339.8

