

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052323\
 Data File : VN077820.D
 Acq On : 23 May 2023 16:42
 Operator : JC\MD
 Sample : PB152982ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152982ZHE#02

Quant Time: May 24 02:55:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

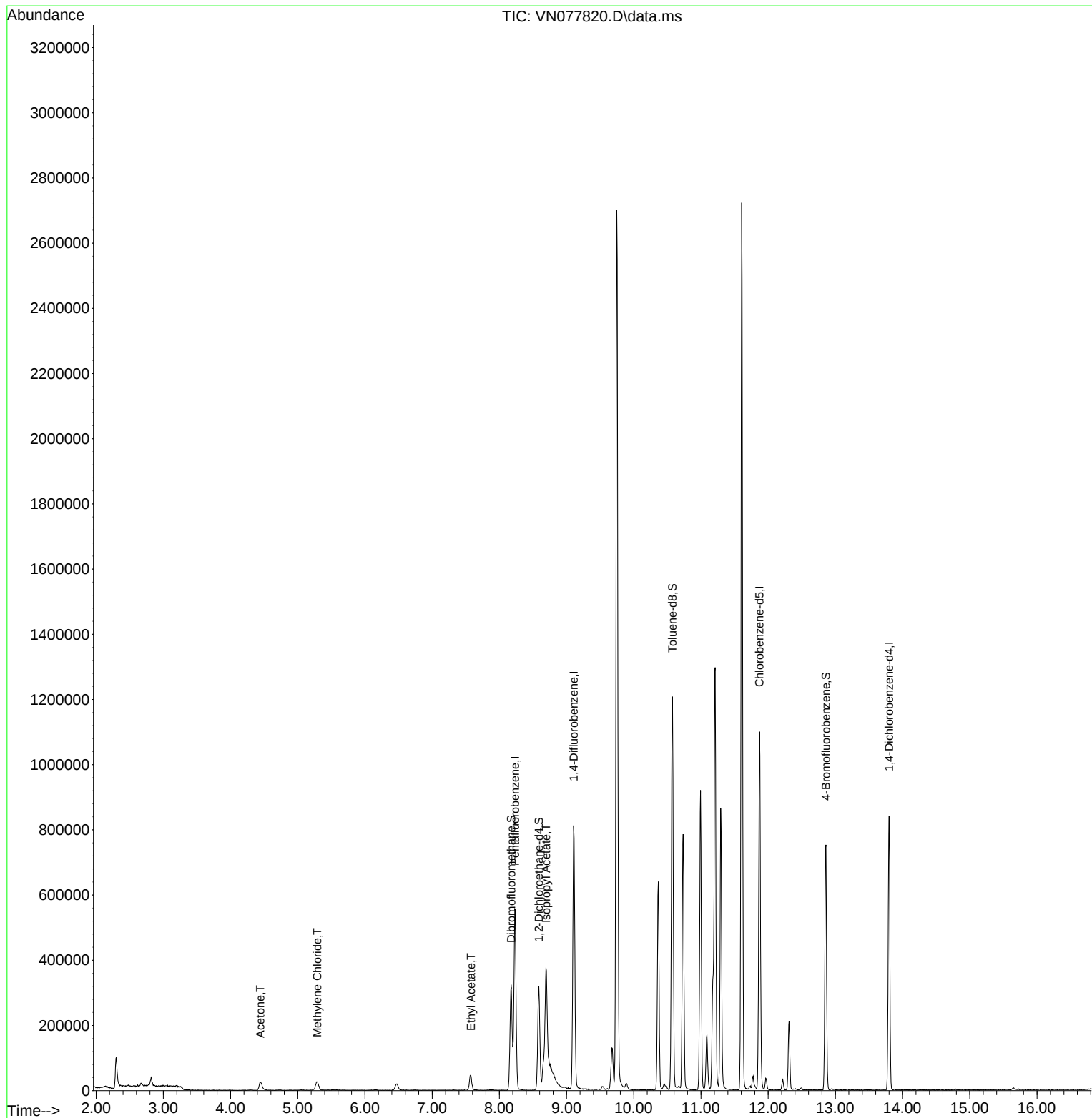
Internal Standards						
1) Pentafluorobenzene	8.236	168	393446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	720349	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	652284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	233172	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	263007	44.676	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.360%
35) Dibromofluoromethane	8.177	113	223759	47.636	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.280%
50) Toluene-d8	10.577	98	887580	49.091	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.180%
62) 4-Bromofluorobenzene	12.859	95	276657	43.325	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.660%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	49344	26.642	ug/l	94
20) Methylene Chloride	5.289	84	21649	2.618	ug/l	94
37) Ethyl Acetate	7.577	43	63363	10.347	ug/l	97
43) Isopropyl Acetate	8.694	43	501069	50.094	ug/l #	73

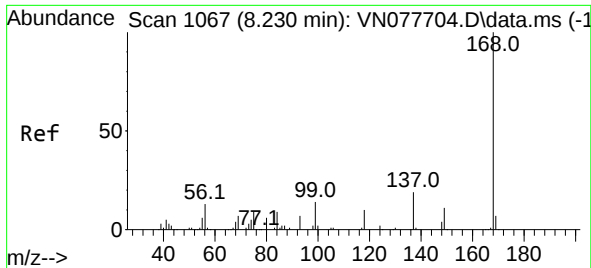
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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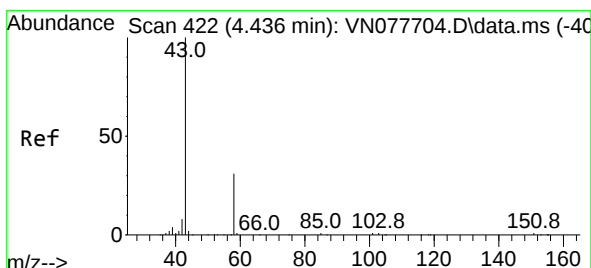
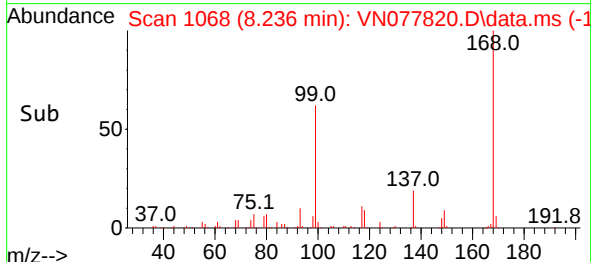
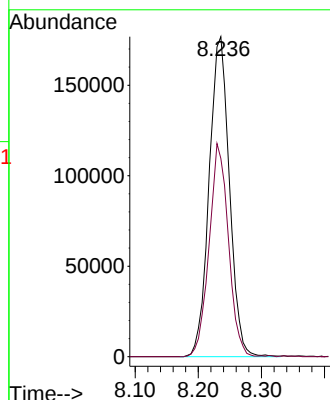
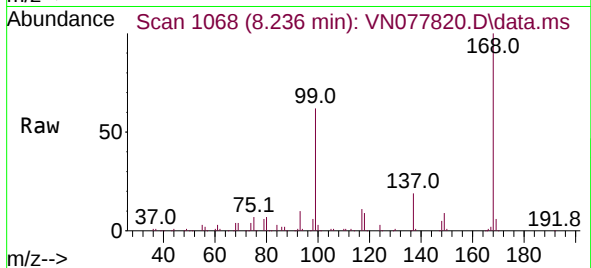




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN077820.D
Acq: 23 May 2023 16:42

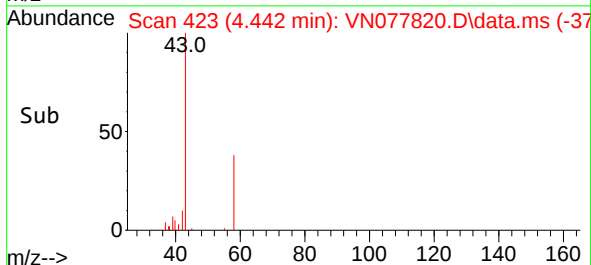
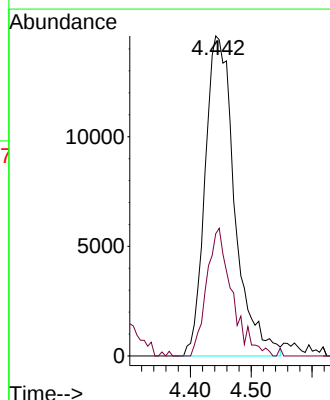
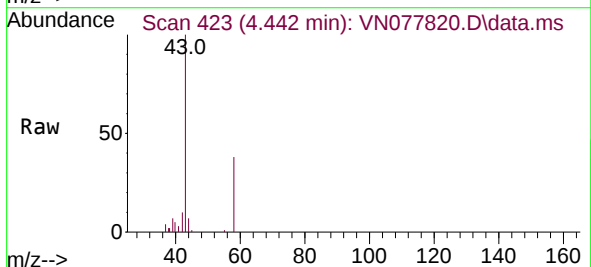
Instrument :
MSVOA_N
ClientSampleId :
PB152982ZHE#02

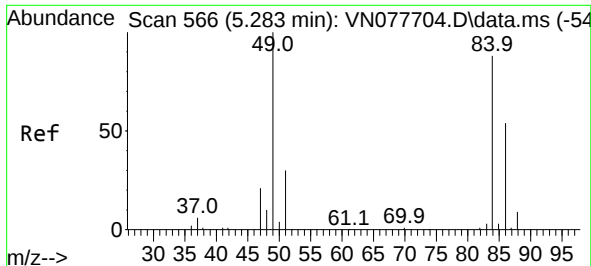
Tgt Ion:168 Resp: 393446
Ion Ratio Lower Upper
168 100
99 62.0 53.0 79.6



#16
Acetone
Concen: 26.642 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN077820.D
Acq: 23 May 2023 16:42

Tgt Ion: 43 Resp: 49344
Ion Ratio Lower Upper
43 100
58 38.2 28.0 42.0

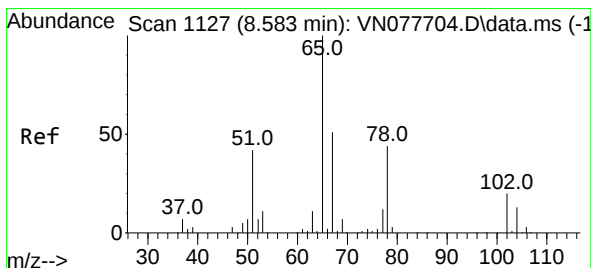
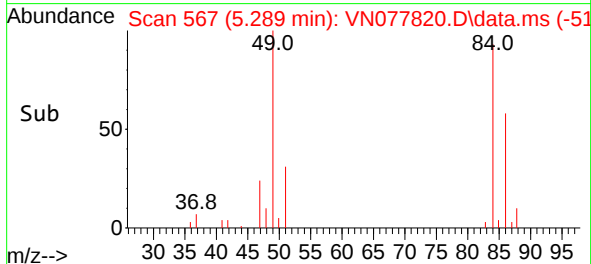
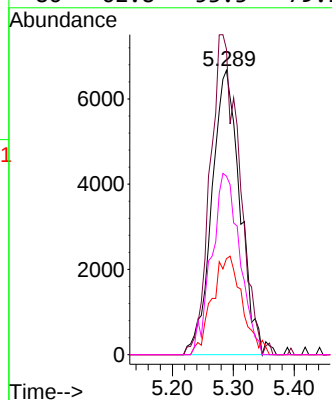
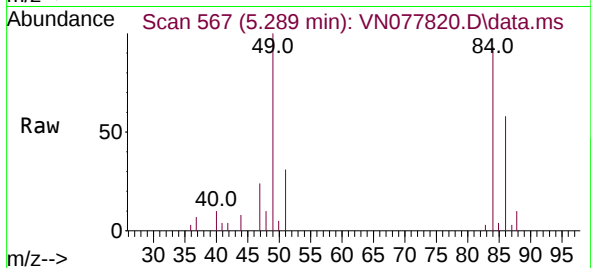




#20
Methylene Chloride
Concen: 2.618 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN077820.D
Acq: 23 May 2023 16:42

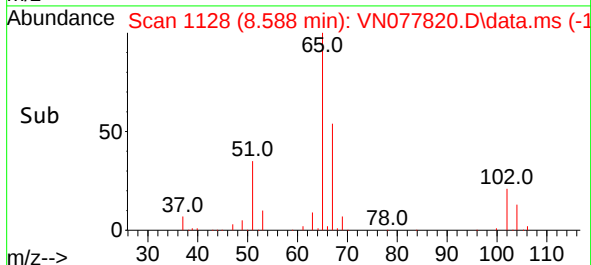
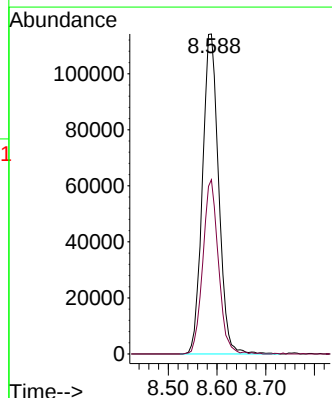
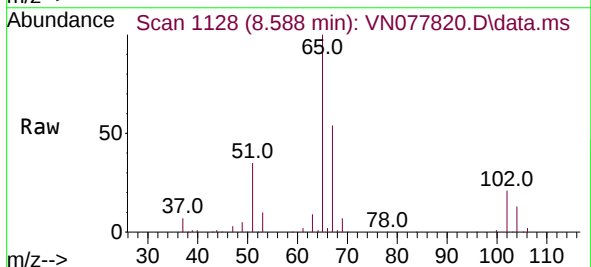
Instrument :
MSVOA_N
ClientSampleId :
PB152982ZHE#02

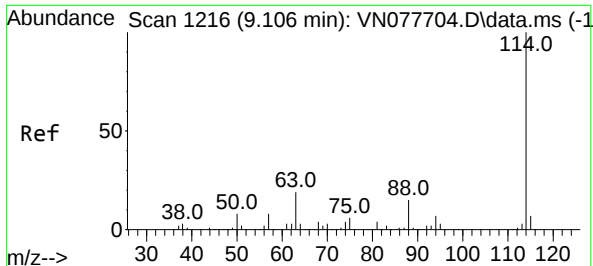
Tgt Ion: 84	Resp: 21649
Ion Ratio	Lower Upper
84 100	
49 107.5	79.7 119.5
51 33.8	25.2 37.8
86 62.8	53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 44.676 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077820.D
Acq: 23 May 2023 16:42

Tgt Ion: 65	Resp: 263007
Ion Ratio	Lower Upper
65 100	
67 52.5	0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077820.D

Acq: 23 May 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

PB152982ZHE#02

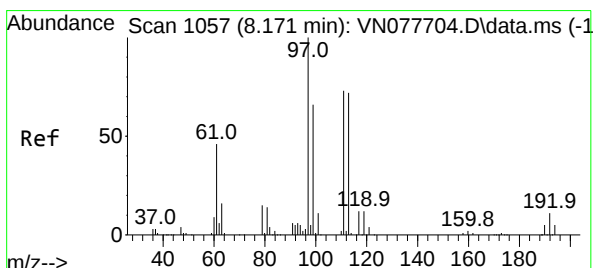
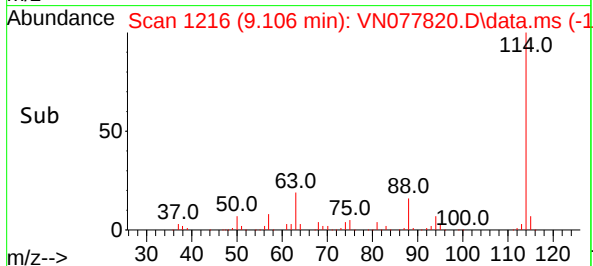
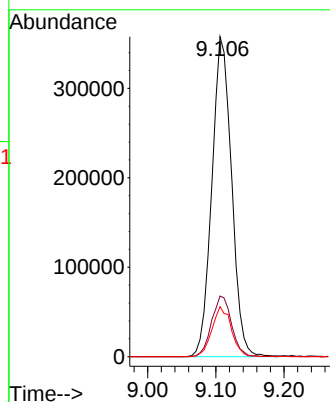
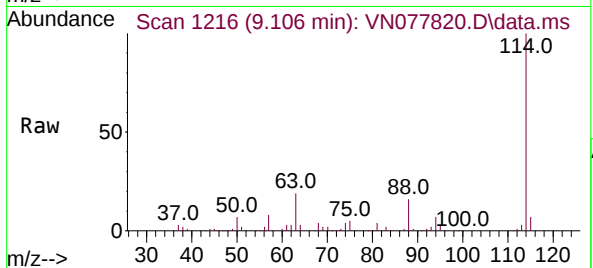
Tgt Ion:114 Resp: 720349

Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.4

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.636 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077820.D

Acq: 23 May 2023 16:42

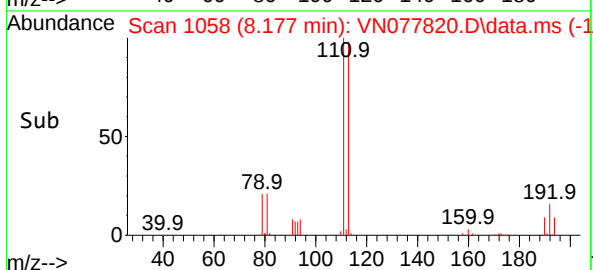
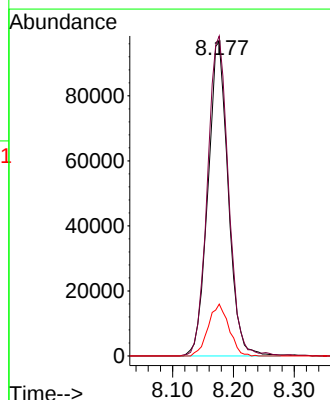
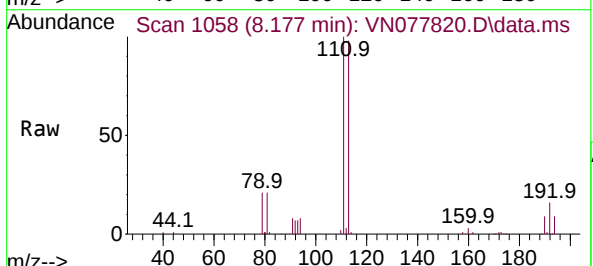
Tgt Ion:113 Resp: 223759

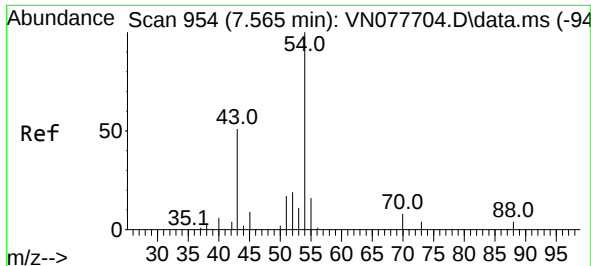
Ion Ratio Lower Upper

113 100

111 105.5 82.6 123.8

192 16.8 12.7 19.1





#37

Ethyl Acetate

Concen: 10.347 ug/l

RT: 7.577 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN077820.D

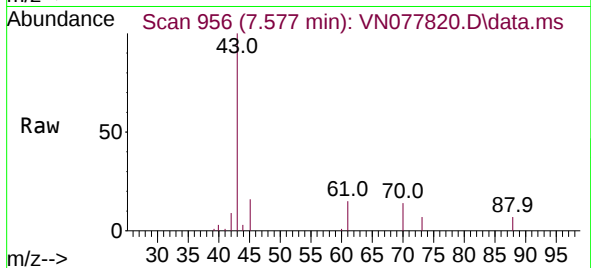
Acq: 23 May 2023 16:42

Instrument :

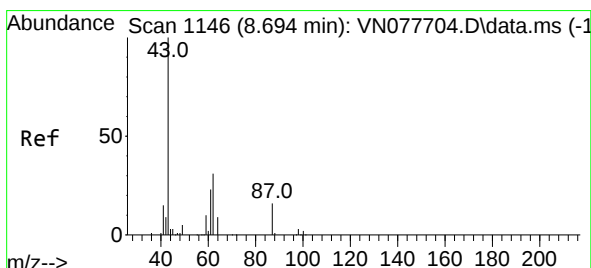
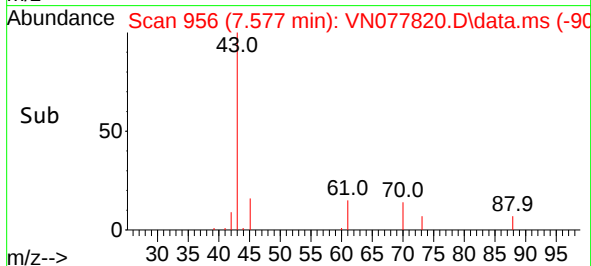
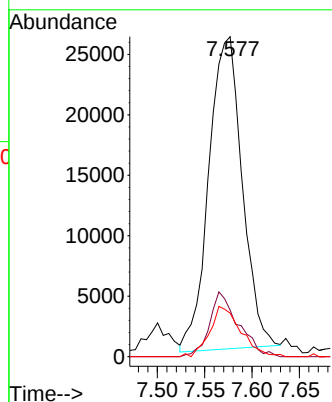
MSVOA_N

ClientSampleId :

PB152982ZHE#02



Tgt Ion:	43	Resp:	63363
Ion Ratio	Lower	Upper	
43	100		
61	17.9	13.2	19.8
70	14.9	11.3	16.9



#43

Isopropyl Acetate

Concen: 50.094 ug/l

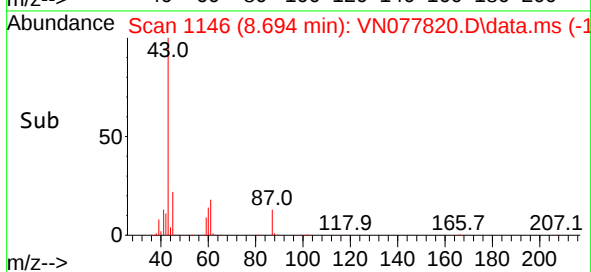
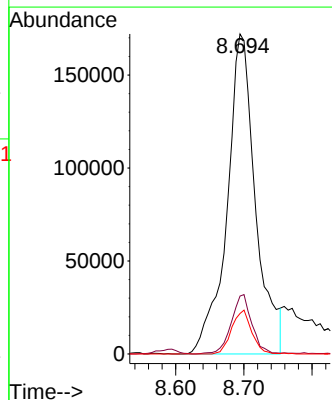
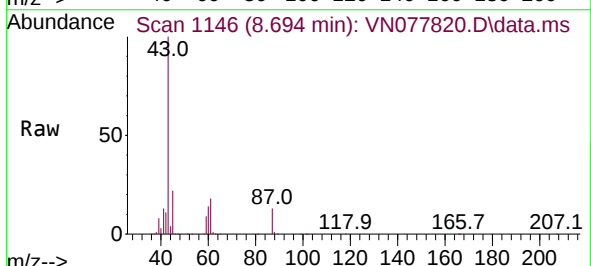
RT: 8.694 min Scan# 1146

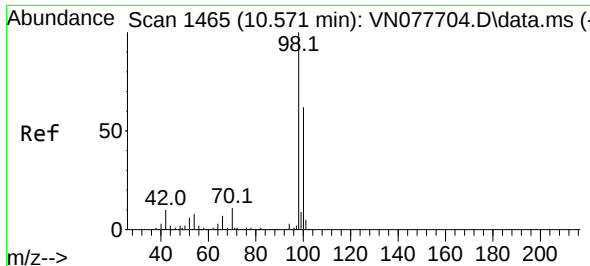
Delta R.T. 0.000 min

Lab File: VN077820.D

Acq: 23 May 2023 16:42

Tgt Ion:	43	Resp:	501069
Ion Ratio	Lower	Upper	
43	100		
61	13.6	24.7	37.1#
87	9.6	14.6	21.8#

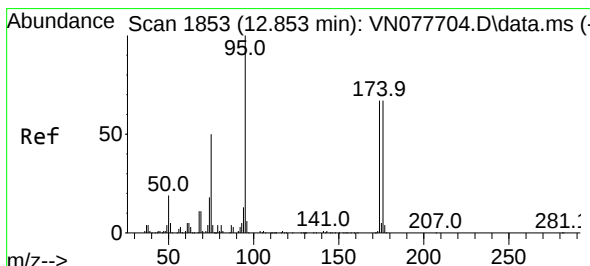
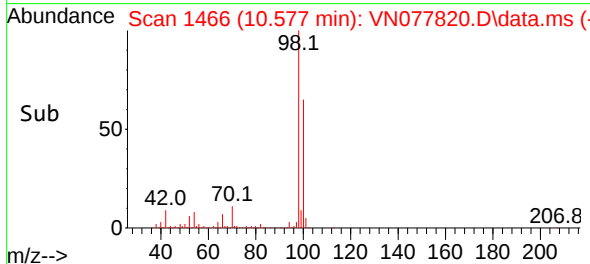
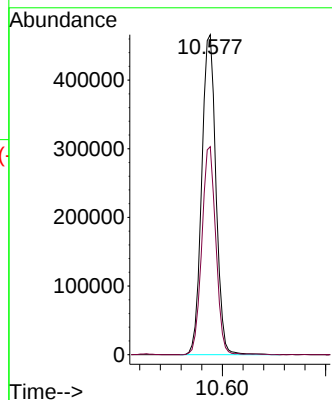
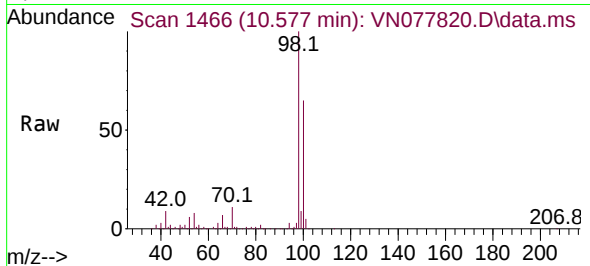




#50
Toluene-d8
Concen: 49.091 ug/l
RT: 10.577 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN077820.D
Acq: 23 May 2023 16:42

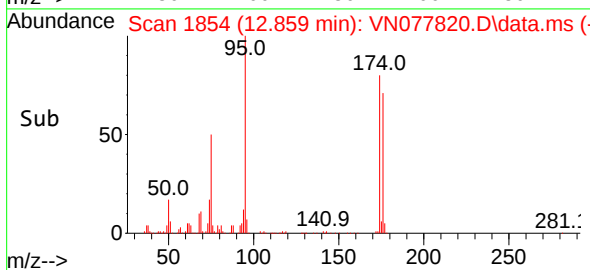
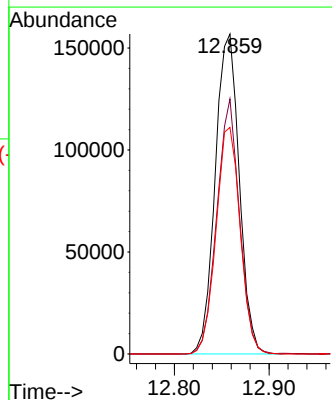
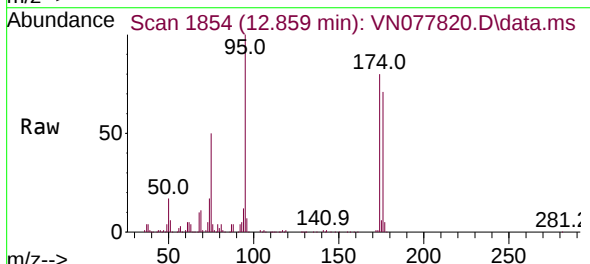
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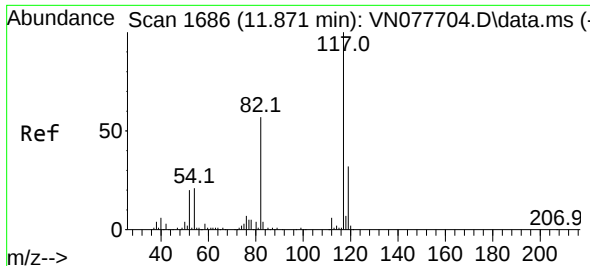
Tgt Ion: 98 Resp: 887580
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.325 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077820.D
Acq: 23 May 2023 16:42

Tgt Ion: 95 Resp: 276657
Ion Ratio Lower Upper
95 100
174 75.2 0.0 143.8
176 71.2 0.0 135.8

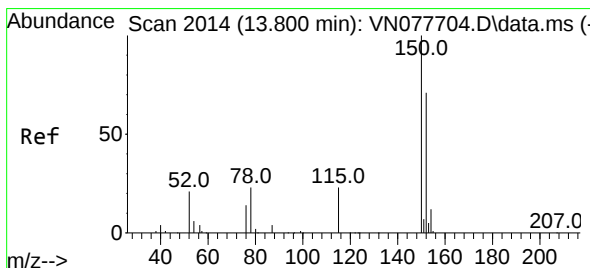
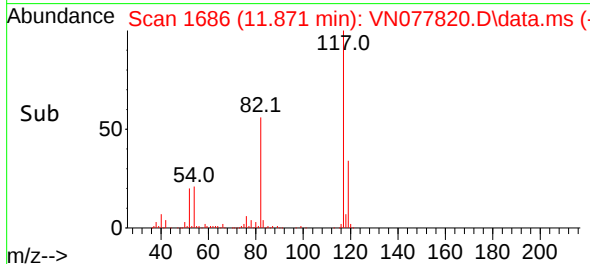
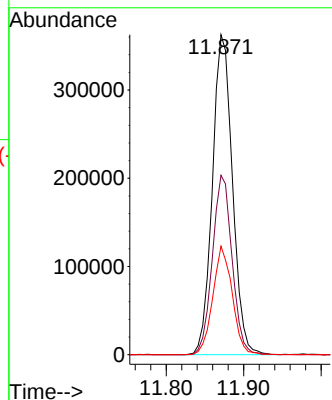
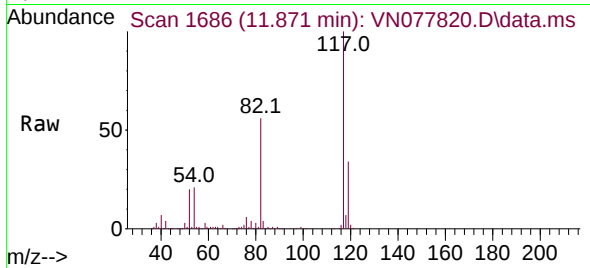




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN077820.D
Acq: 23 May 2023 16:42

Instrument :
MSVOA_N
ClientSampleId :
PB152982ZHE#02

Tgt Ion:117 Resp: 652284
Ion Ratio Lower Upper
117 100
82 56.1 44.0 66.0
119 33.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077820.D
Acq: 23 May 2023 16:42

Tgt Ion:152 Resp: 233172
Ion Ratio Lower Upper
152 100
115 60.4 32.3 96.8
150 155.8 0.0 355.8

