

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052323\
 Data File : VN077837.D
 Acq On : 24 May 2023 03:50
 Operator : JC\MD
 Sample : 02892-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-30

Quant Time: May 24 05:59:31 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)

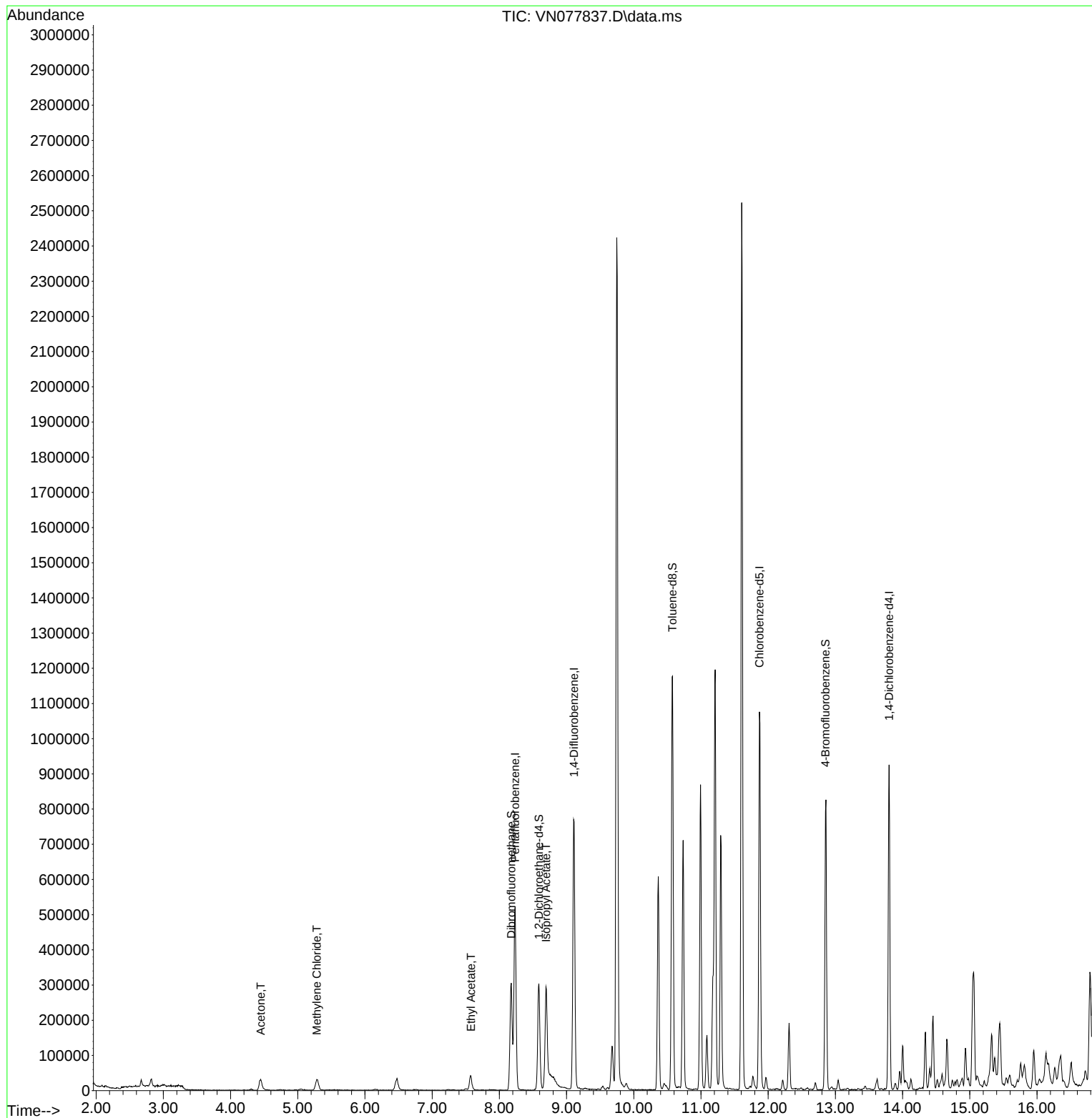
Internal Standards						
1) Pentafluorobenzene	8.236	168	372274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	693914	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	650072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	250037	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	249874	44.859	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.720%
35) Dibromofluoromethane	8.177	113	219292	48.463	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.920%
50) Toluene-d8	10.577	98	867297	49.797	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.600%
62) 4-Bromofluorobenzene	12.853	95	295025	47.962	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.920%
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	59376	33.882	ug/l	97
20) Methylene Chloride	5.283	84	24675	3.575	ug/l	95
37) Ethyl Acetate	7.577	43	63297	10.730	ug/l	96
43) Isopropyl Acetate	8.694	43	351384	36.468	ug/l #	78

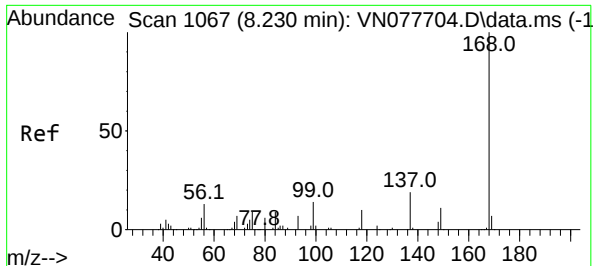
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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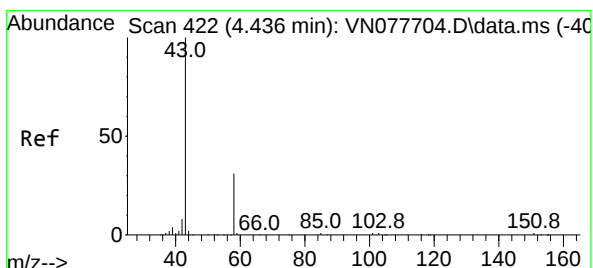
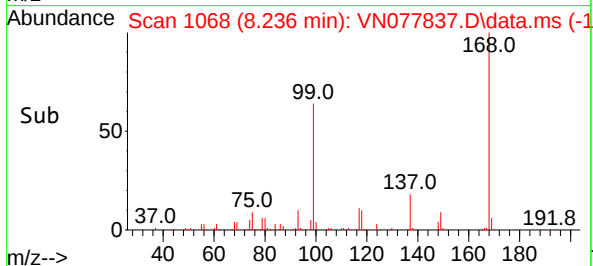
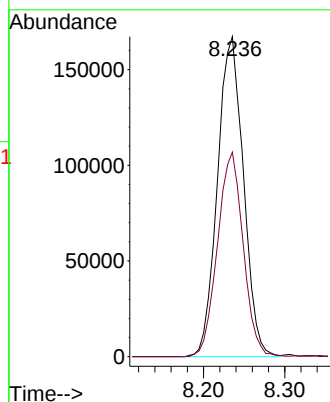
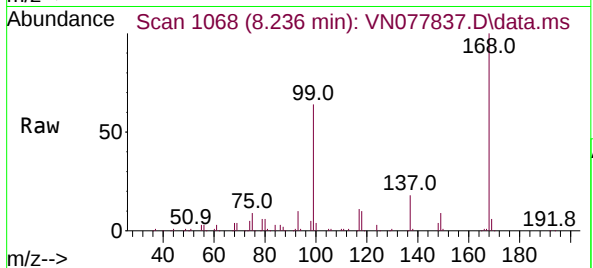




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN077837.D
Acq: 24 May 2023 03:50

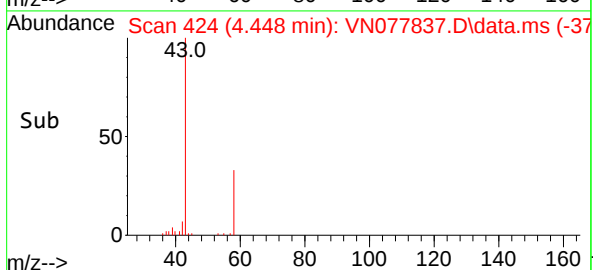
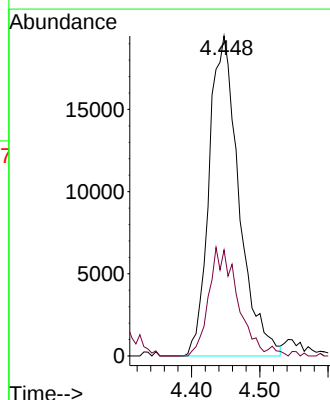
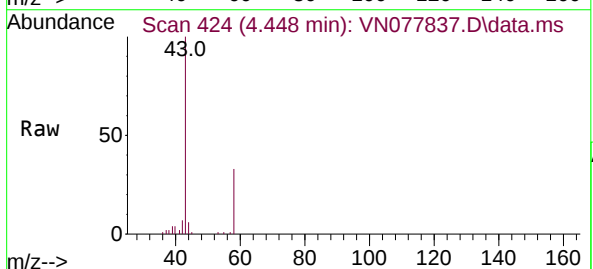
Instrument :
MSVOA_N
ClientSampleId :
TP-30

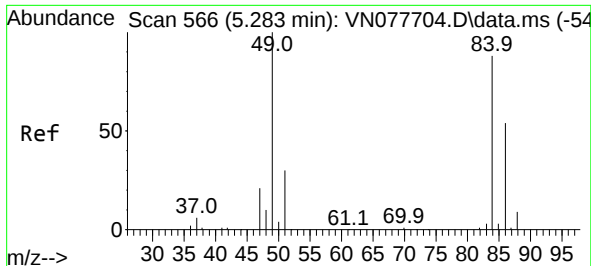
Tgt Ion:168 Resp: 372274
Ion Ratio Lower Upper
168 100
99 63.9 53.0 79.6



#16
Acetone
Concen: 33.882 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN077837.D
Acq: 24 May 2023 03:50

Tgt Ion: 43 Resp: 59376
Ion Ratio Lower Upper
43 100
58 33.1 28.0 42.0

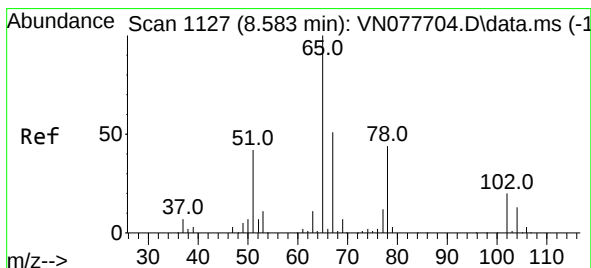
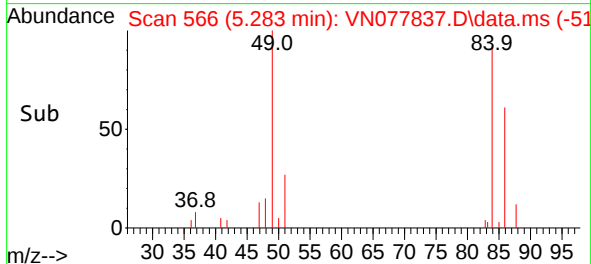
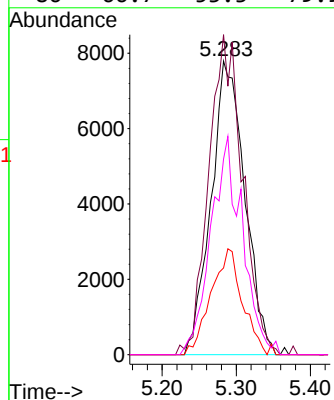
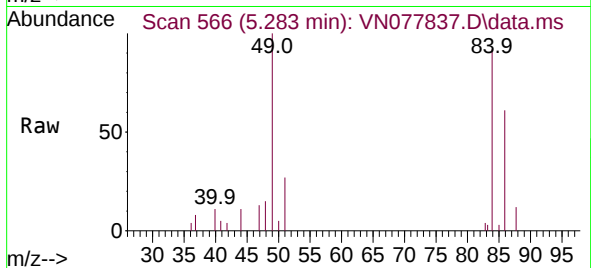




#20
Methylene Chloride
Concen: 3.575 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN077837.D
Acq: 24 May 2023 03:50

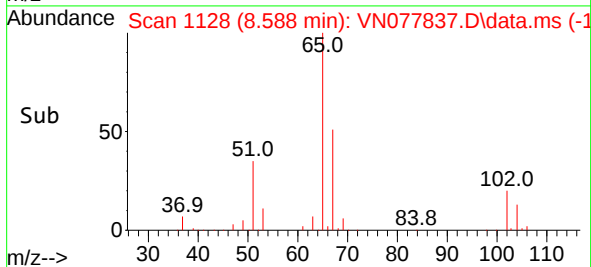
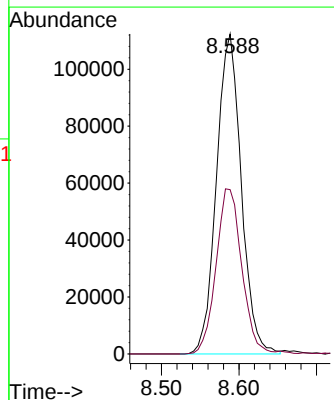
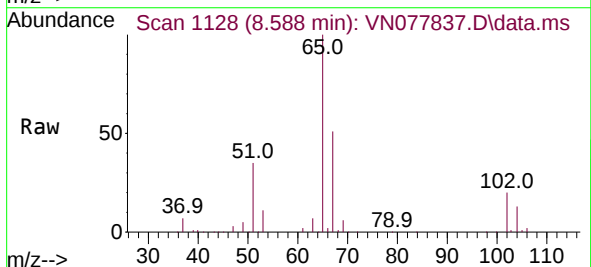
Instrument :
MSVOA_N
ClientSampleId :
TP-30

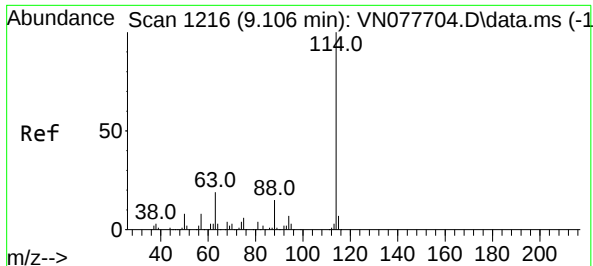
Tgt Ion:	84	Resp:	24675
Ion	Ratio	Lower	Upper
84	100		
49	109.0	79.7	119.5
51	29.5	25.2	37.8
86	66.7	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 44.859 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077837.D
Acq: 24 May 2023 03:50

Tgt Ion:	65	Resp:	249874
Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	106.6

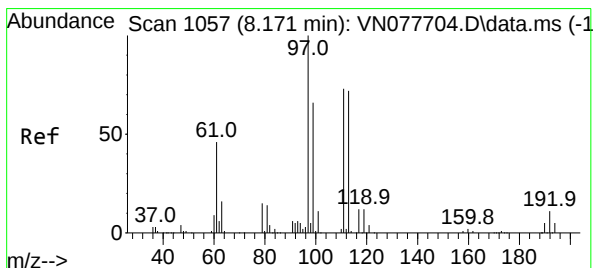
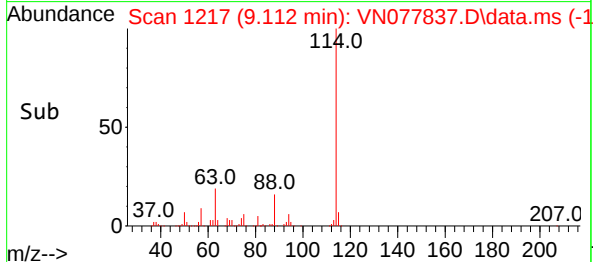
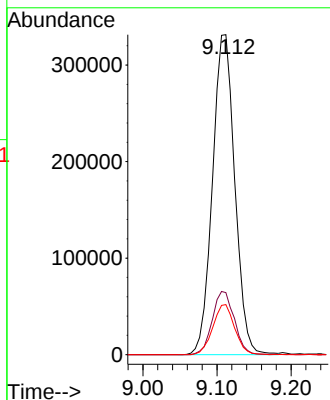
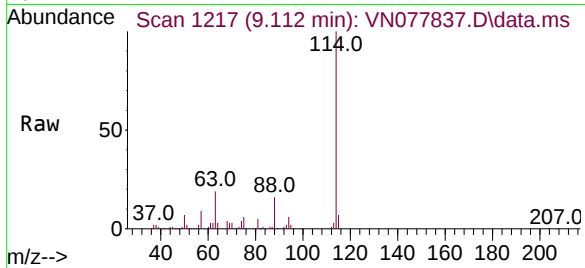




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077837.D
Acq: 24 May 2023 03:50

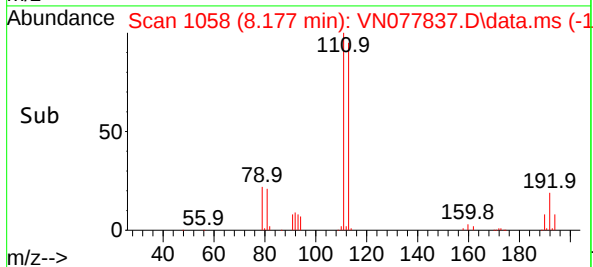
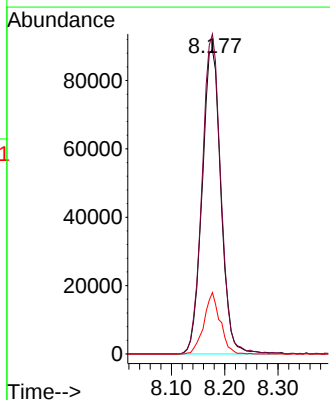
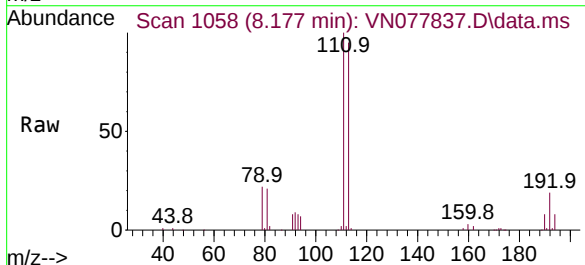
Instrument :
MSVOA_N
ClientSampleId :
TP-30

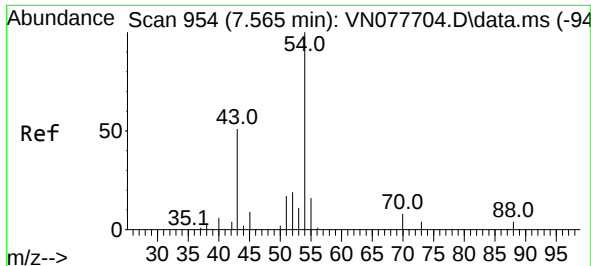
Tgt Ion:114 Resp: 693914
Ion Ratio Lower Upper
114 100
63 19.4 0.0 36.4
88 15.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.463 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077837.D
Acq: 24 May 2023 03:50

Tgt Ion:113 Resp: 219292
Ion Ratio Lower Upper
113 100
111 104.2 82.6 123.8
192 17.4 12.7 19.1

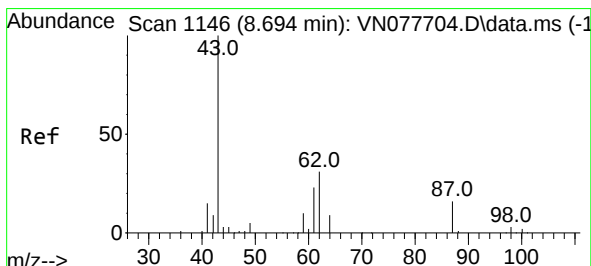
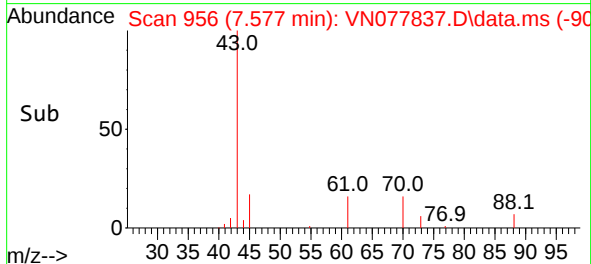
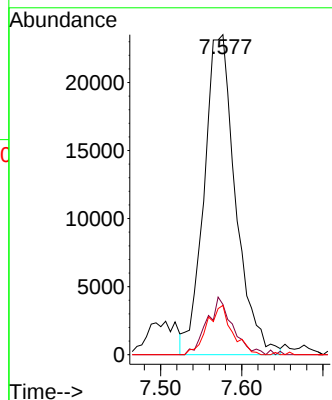
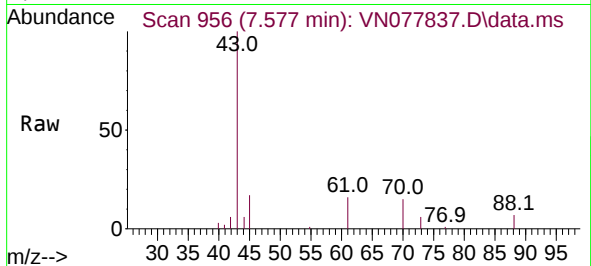




#37
Ethyl Acetate
Concen: 10.730 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN077837.D
Acq: 24 May 2023 03:50

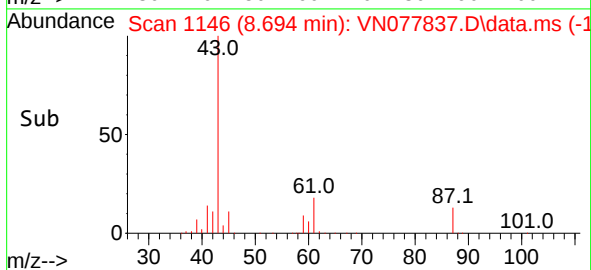
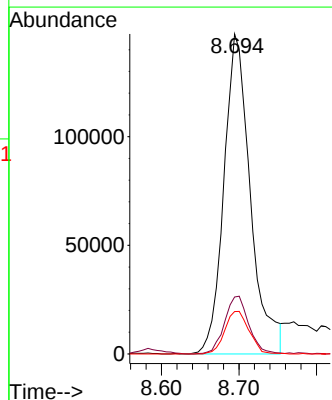
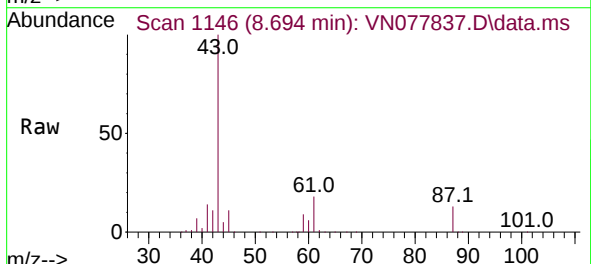
Instrument :
MSVOA_N
ClientSampleId :
TP-30

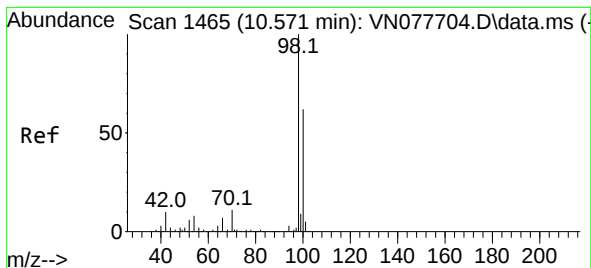
Tgt Ion: 43 Resp: 63297
Ion Ratio Lower Upper
43 100
61 14.6 13.2 19.8
70 12.4 11.3 16.9



#43
Isopropyl Acetate
Concen: 36.468 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077837.D
Acq: 24 May 2023 03:50

Tgt Ion: 43 Resp: 351384
Ion Ratio Lower Upper
43 100
61 16.5 24.7 37.1#
87 12.2 14.6 21.8#





#50

Toluene-d8

Concen: 49.797 ug/l

RT: 10.577 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN077837.D

Acq: 24 May 2023 03:50

Instrument :

MSVOA_N

ClientSampleId :

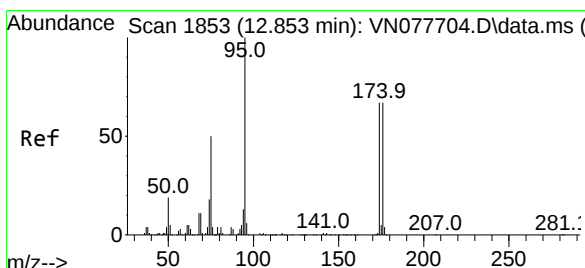
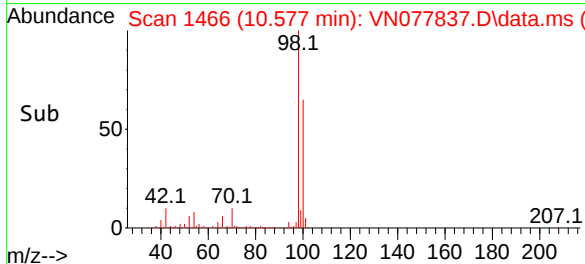
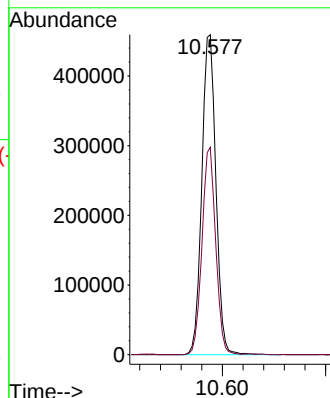
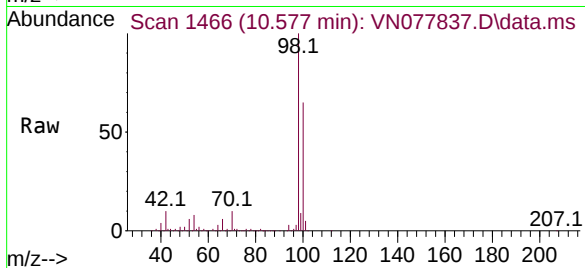
TP-30

Tgt Ion: 98 Resp: 867297

Ion Ratio Lower Upper

98 100

100 63.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 47.962 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VN077837.D

Acq: 24 May 2023 03:50

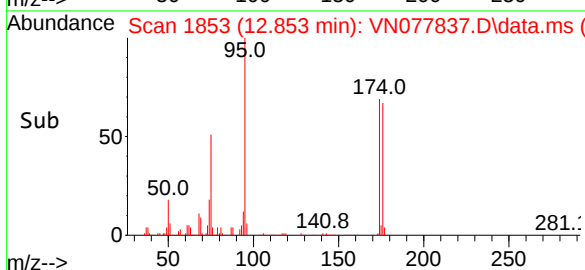
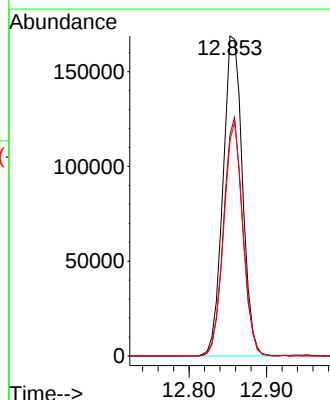
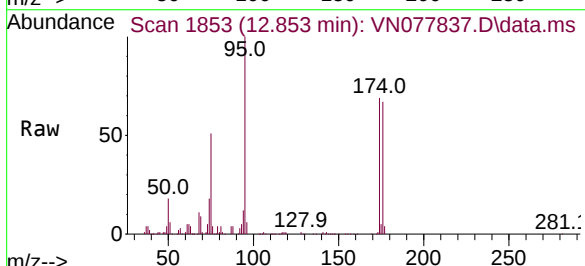
Tgt Ion: 95 Resp: 295025

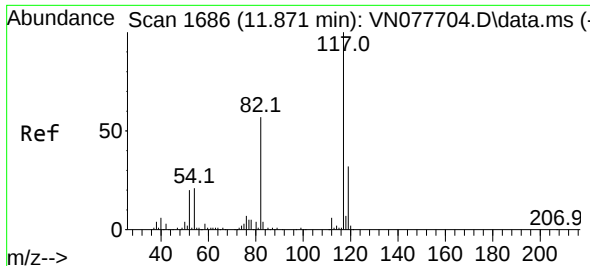
Ion Ratio Lower Upper

95 100

174 73.0 0.0 143.8

176 71.7 0.0 135.8

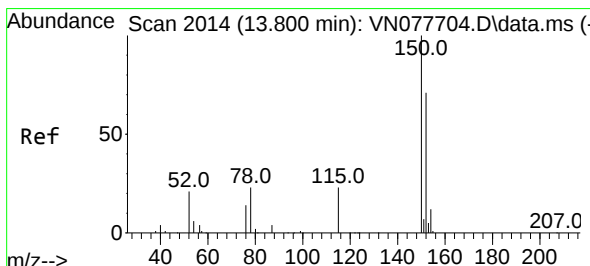
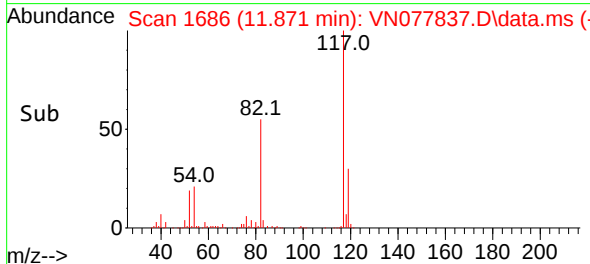
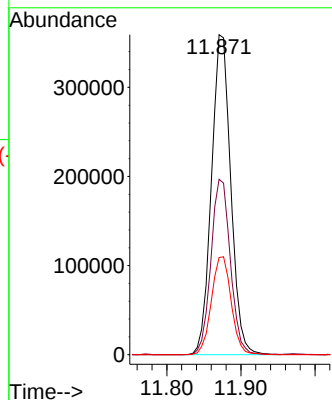
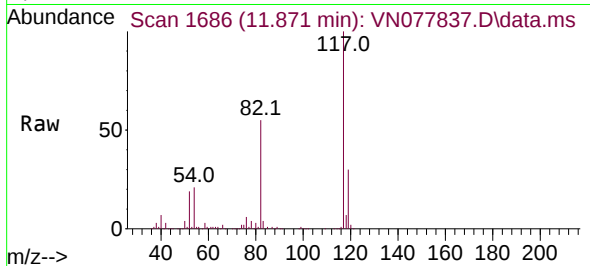




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1170
Delta R.T. 0.001 min
Lab File: VN077837.D
Acq: 24 May 2023 03:50

Instrument :
MSVOA_N
ClientSampleId :
TP-30

Tgt Ion:117 Resp: 650072
Ion Ratio Lower Upper
117 100
82 54.8 44.0 66.0
119 30.3 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: VN077837.D
Acq: 24 May 2023 03:50

Tgt Ion:152 Resp: 250037
Ion Ratio Lower Upper
152 100
115 60.4 32.3 96.8
150 156.1 0.0 355.8

