

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052323\
 Data File : VN077839.D
 Acq On : 24 May 2023 04:37
 Operator : JC\MD
 Sample : 02892-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-33

Quant Time: May 24 05:59:54 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)

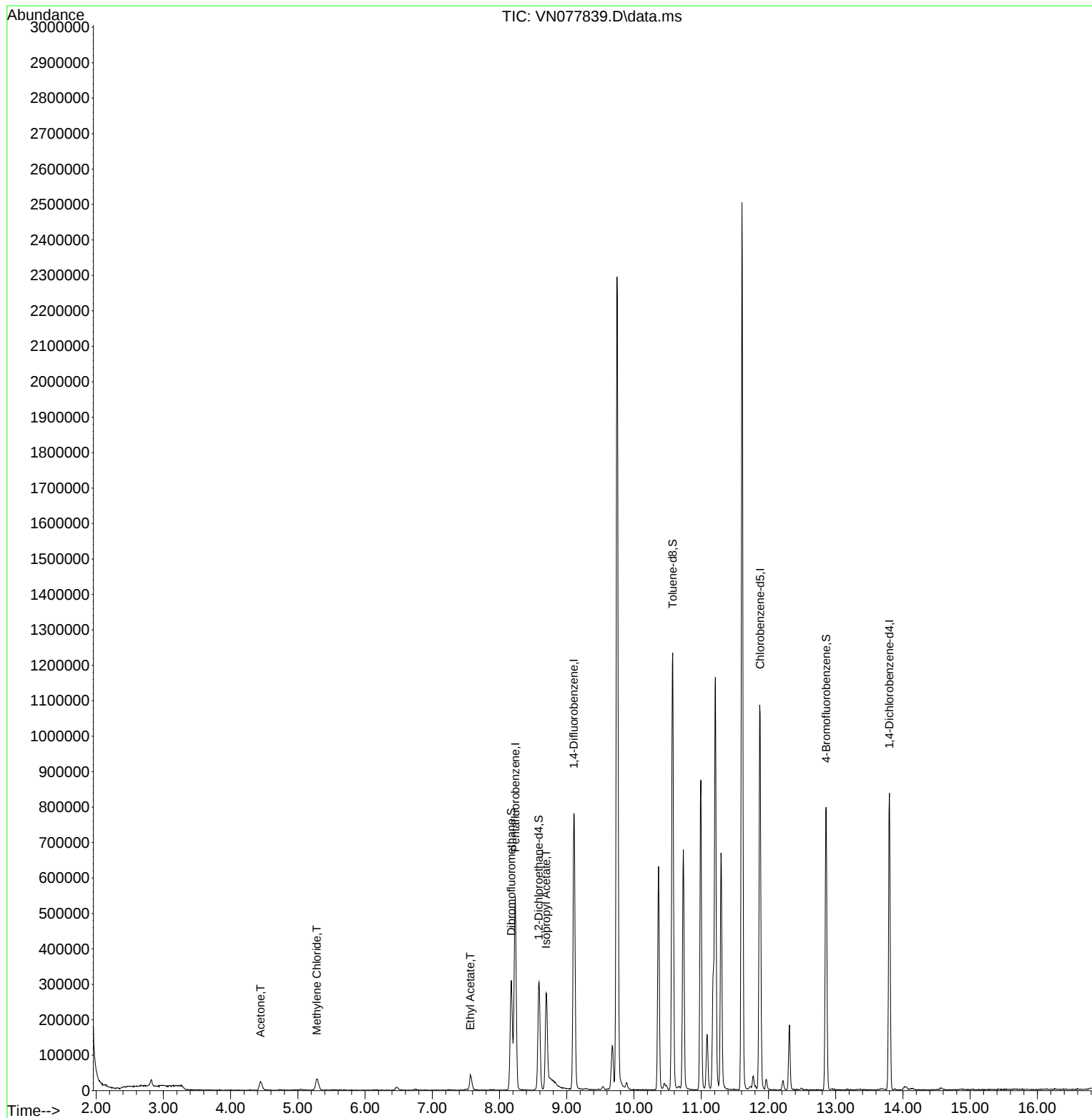
Internal Standards						
1) Pentafluorobenzene	8.236	168	388191	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	719821	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.876	117	653514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	233790	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	261290	44.985	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.980%
35) Dibromofluoromethane	8.177	113	223497	47.615	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.220%
50) Toluene-d8	10.577	98	902442	49.950	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.900%
62) 4-Bromofluorobenzene	12.859	95	293509	45.998	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.000%
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	47504	25.996	ug/l	97
20) Methylene Chloride	5.283	84	25004	3.416	ug/l	84
37) Ethyl Acetate	7.565	43	65507	10.705	ug/l #	95
43) Isopropyl Acetate	8.694	43	321310	32.146	ug/l #	82

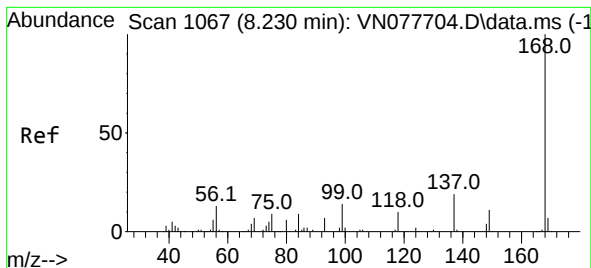
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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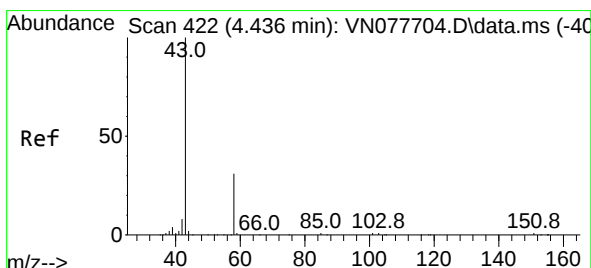
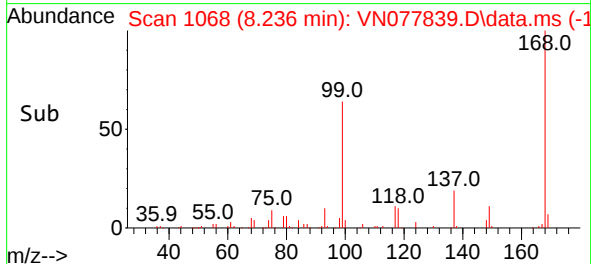
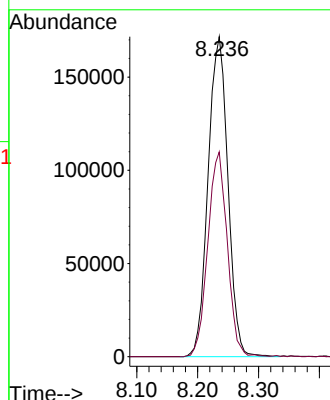
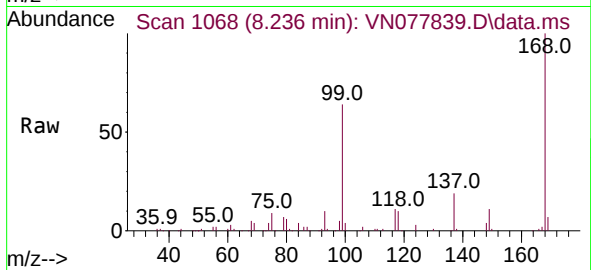




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.005 min
Lab File: VN077839.D
Acq: 24 May 2023 04:37

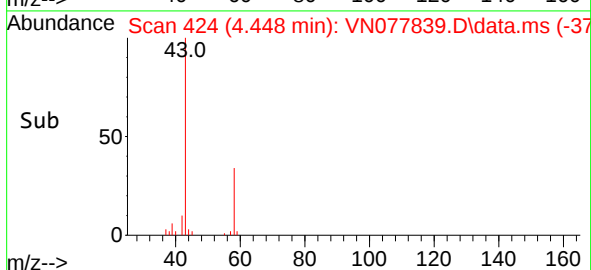
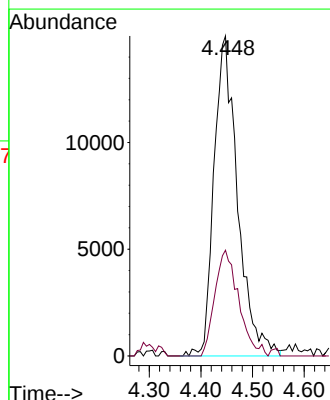
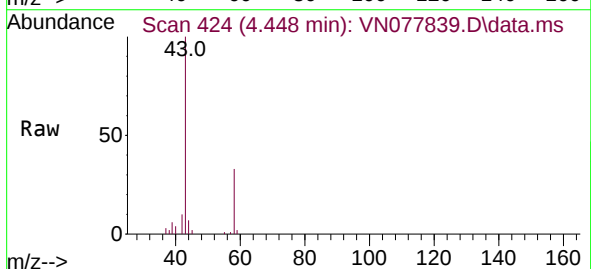
Instrument :
MSVOA_N
ClientSampleId :
TP-33

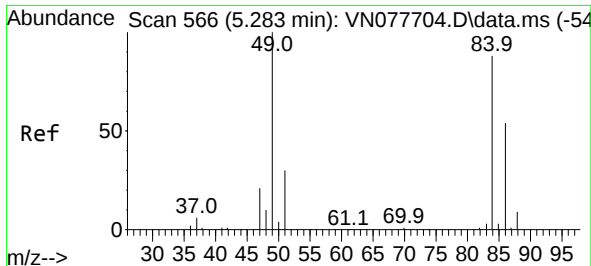
Tgt Ion:168 Resp: 388191
Ion Ratio Lower Upper
168 100
99 64.0 53.0 79.6



#16
Acetone
Concen: 25.996 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN077839.D
Acq: 24 May 2023 04:37

Tgt Ion: 43 Resp: 47504
Ion Ratio Lower Upper
43 100
58 33.1 28.0 42.0

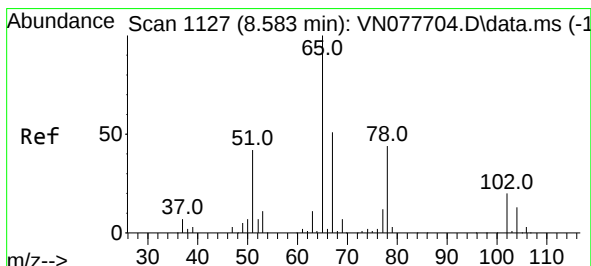
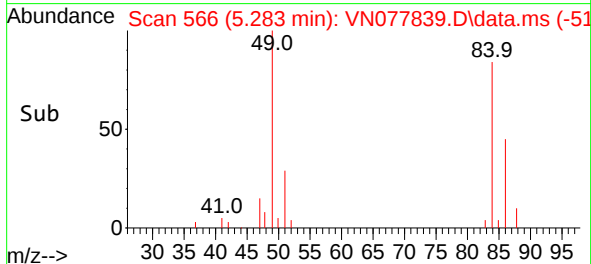
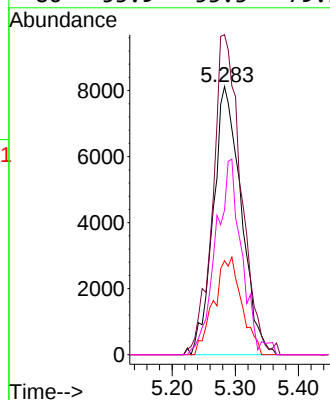
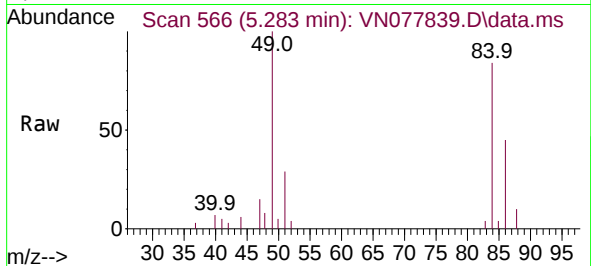




#20
Methylene Chloride
Concen: 3.416 ug/l
RT: 5.283 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN077839.D
Acq: 24 May 2023 04:37

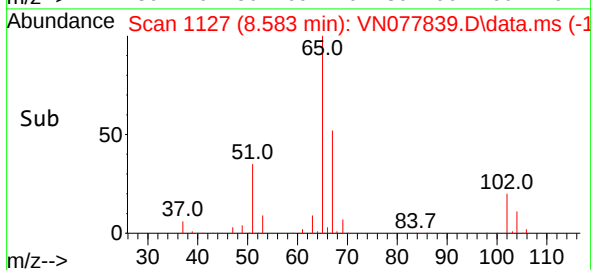
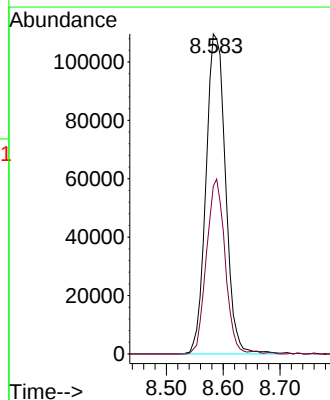
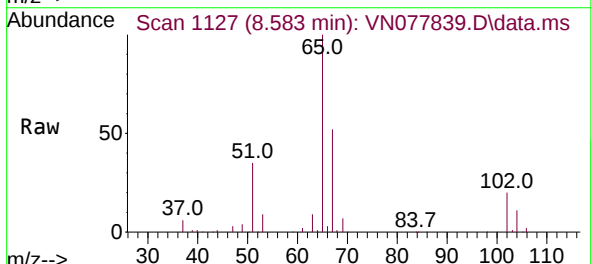
Instrument :
MSVOA_N
ClientSampleId :
TP-33

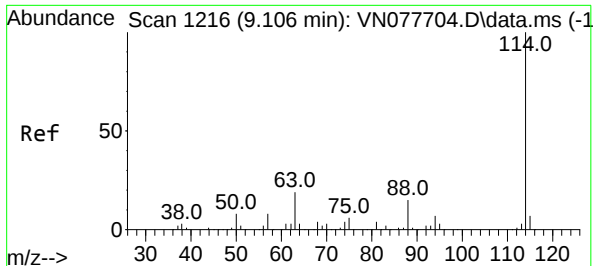
Tgt Ion:	84	Resp:	25004
Ion	Ratio	Lower	Upper
84	100		
49	119.3	79.7	119.5
51	35.0	25.2	37.8
86	53.9	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 44.985 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN077839.D
Acq: 24 May 2023 04:37

Tgt Ion:	65	Resp:	261290
Ion	Ratio	Lower	Upper
65	100		
67	51.9	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: VN077839.D

Acq: 24 May 2023 04:37

Instrument :

MSVOA_N

ClientSampleId :

TP-33

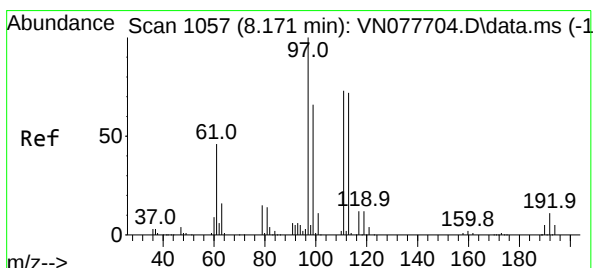
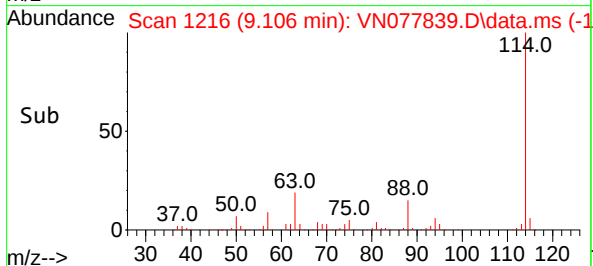
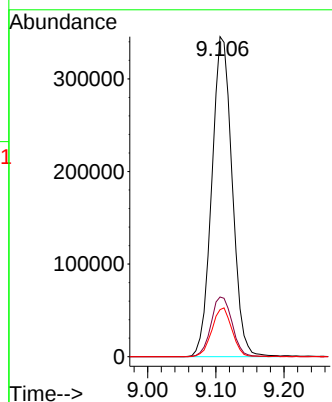
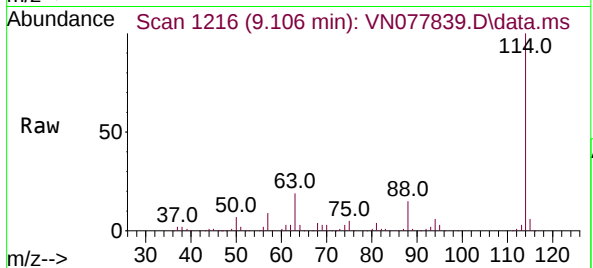
Tgt Ion:114 Resp: 719821

Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.615 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077839.D

Acq: 24 May 2023 04:37

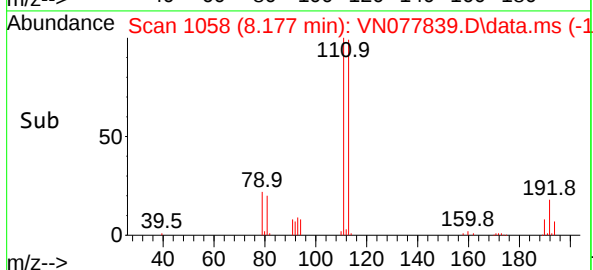
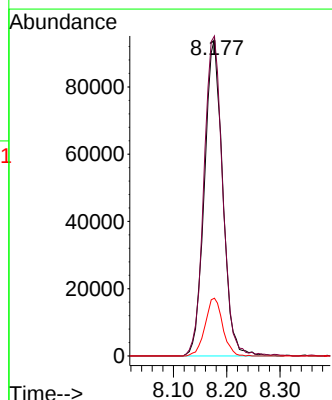
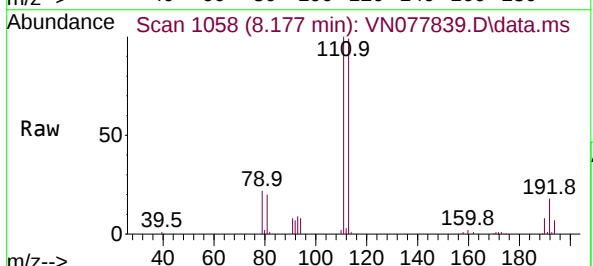
Tgt Ion:113 Resp: 223497

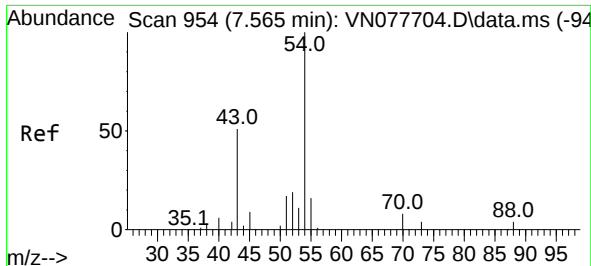
Ion Ratio Lower Upper

113 100

111 103.6 82.6 123.8

192 17.5 12.7 19.1





#37

Ethyl Acetate

Concen: 10.705 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN077839.D

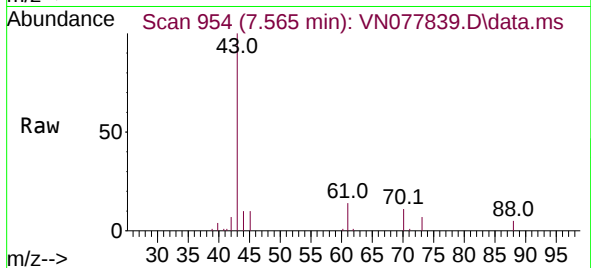
Acq: 24 May 2023 04:37

Instrument :

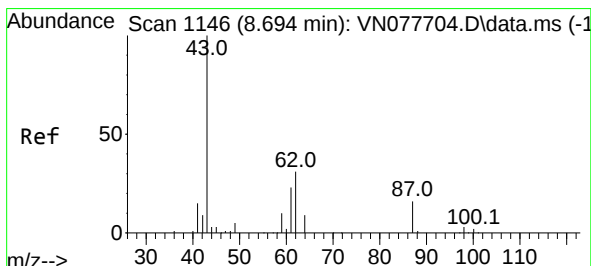
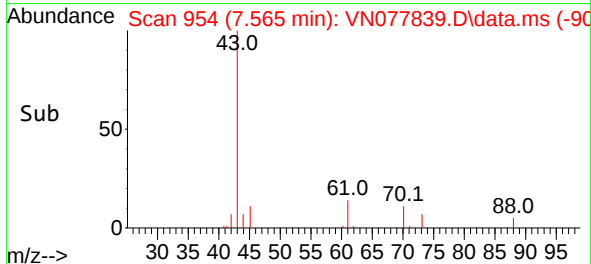
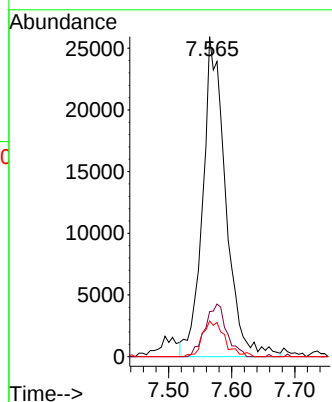
MSVOA_N

ClientSampleId :

TP-33



Tgt Ion:	43	Resp:	65507
Ion Ratio	Lower	Upper	
43	100		
61	15.4	13.2	19.8
70	10.8	11.3	16.9



#43

Isopropyl Acetate

Concen: 32.146 ug/l

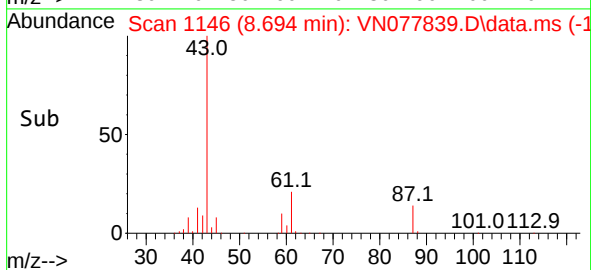
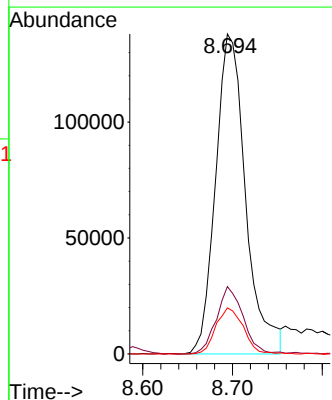
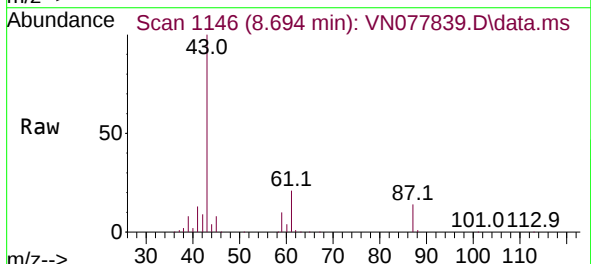
RT: 8.694 min Scan# 1146

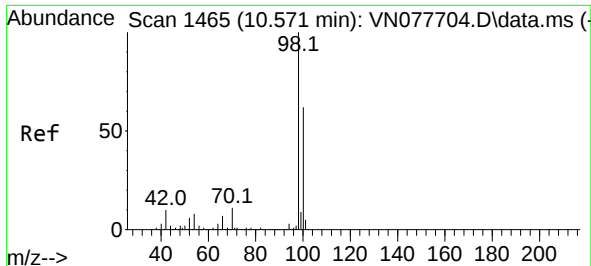
Delta R.T. 0.000 min

Lab File: VN077839.D

Acq: 24 May 2023 04:37

Tgt Ion:	43	Resp:	321310
Ion Ratio	Lower	Upper	
43	100		
61	18.8	24.7	37.1
87	13.2	14.6	21.8

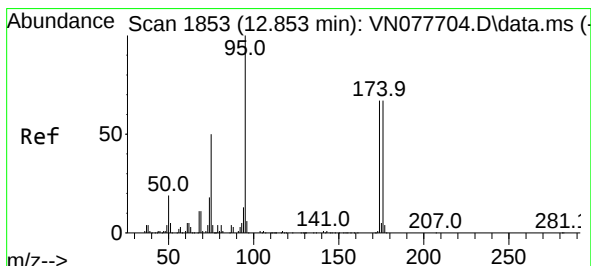
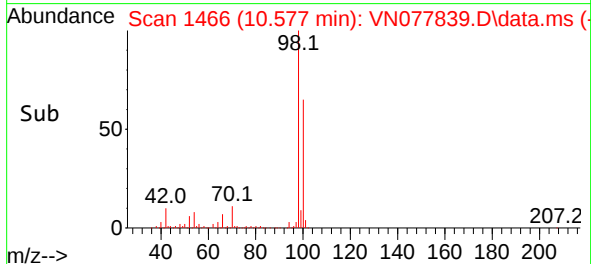
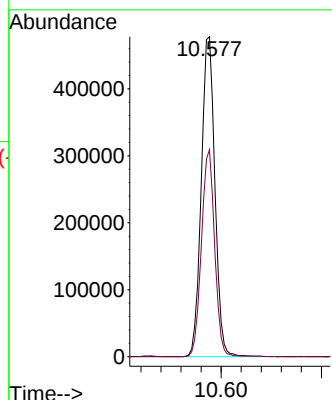
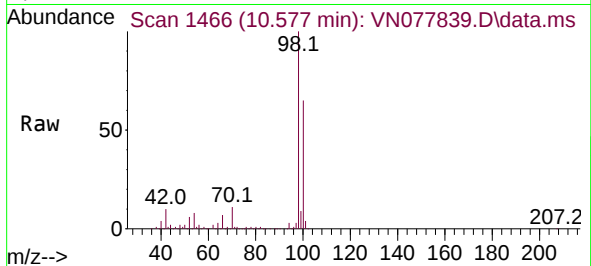




#50
Toluene-d8
Concen: 49.950 ug/l
RT: 10.577 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN077839.D
Acq: 24 May 2023 04:37

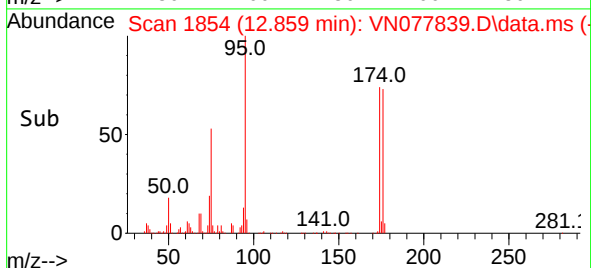
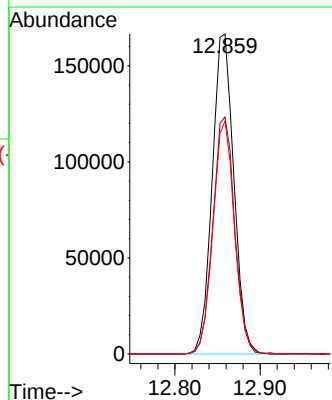
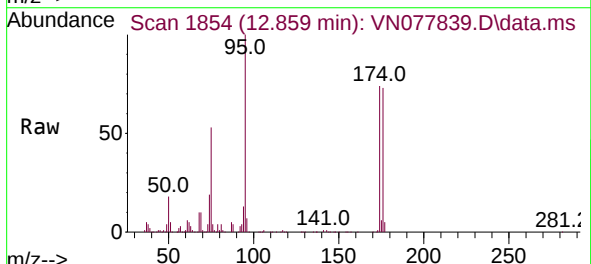
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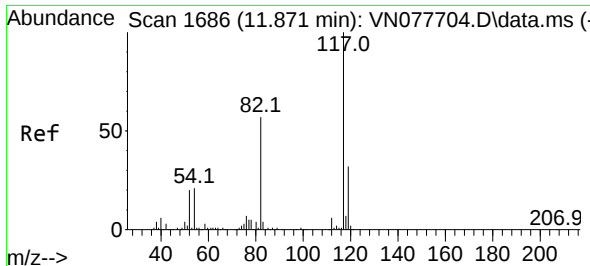
Tgt Ion: 98 Resp: 902442
Ion Ratio Lower Upper
98 100
100 62.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.998 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077839.D
Acq: 24 May 2023 04:37

Tgt Ion: 95 Resp: 293509
Ion Ratio Lower Upper
95 100
174 74.8 0.0 143.8
176 72.1 0.0 135.8

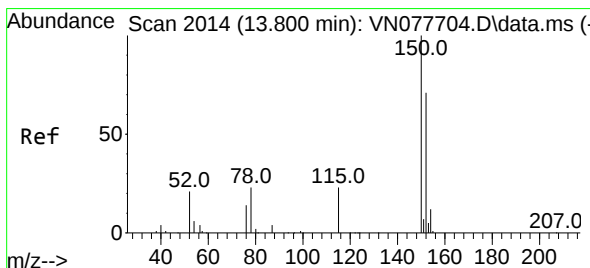
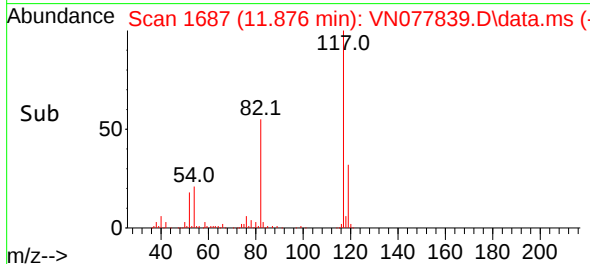
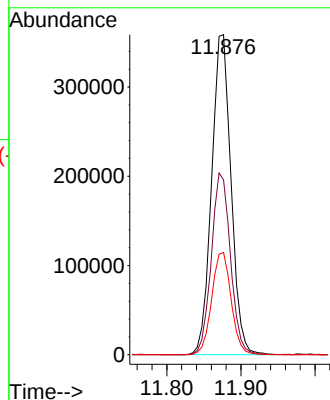
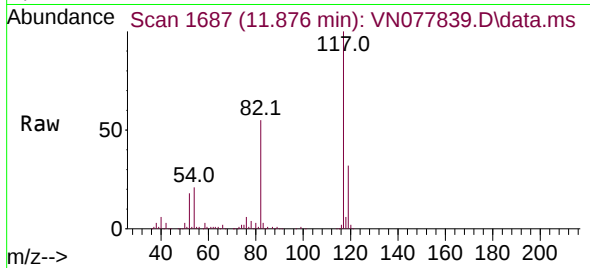




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.876 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN077839.D
Acq: 24 May 2023 04:37

Instrument :
MSVOA_N
ClientSampleId :
TP-33

Tgt Ion:117 Resp: 653514
Ion Ratio Lower Upper
117 100
82 54.6 44.0 66.0
119 31.9 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: VN077839.D
Acq: 24 May 2023 04:37

Tgt Ion:152 Resp: 233790
Ion Ratio Lower Upper
152 100
115 60.6 32.3 96.8
150 153.1 0.0 355.8

