

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110222\
 Data File : VN075122.D
 Acq On : 02 Nov 2022 17:16
 Operator : JC\MD
 Sample : N5396-17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-H

Quant Time: Nov 03 04:20:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

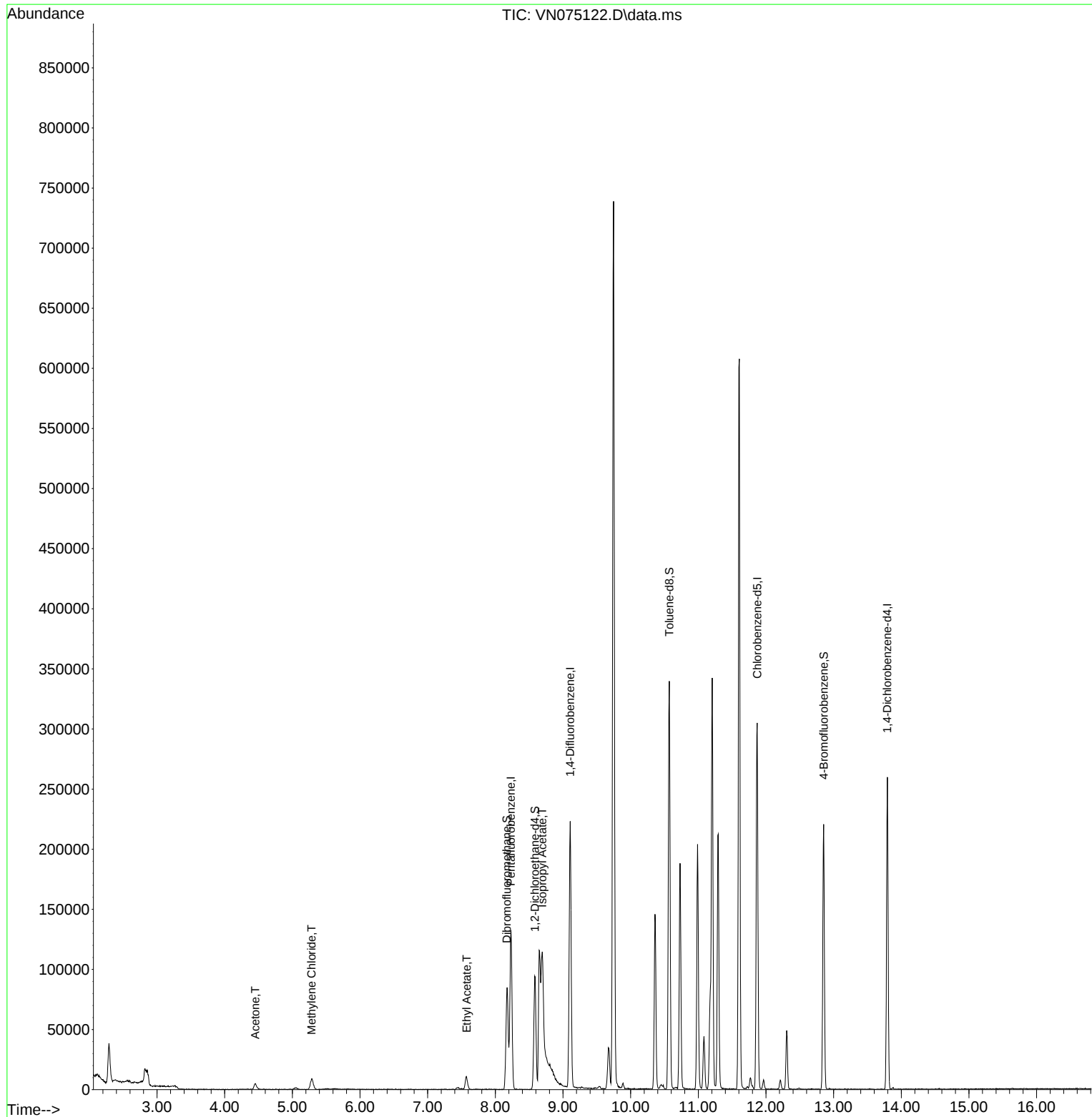
Internal Standards						
1) Pentafluorobenzene	8.229	168	93009	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	187806	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	172987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	65623	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	78306	62.486	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	124.980%
35) Dibromofluoromethane	8.171	113	60425	54.806	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.620%
50) Toluene-d8	10.571	98	233136	54.503	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.000%
62) 4-Bromofluorobenzene	12.853	95	71691	47.712	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.420%
Target Compounds						
						Qvalue
16) Acetone	4.453	43	9699	18.278	ug/l #	88
20) Methylene Chloride	5.283	84	7409	6.262	ug/l #	86
37) Ethyl Acetate	7.577	43	15734	8.405	ug/l	98
43) Isopropyl Acetate	8.694	43	133512	45.982	ug/l #	77

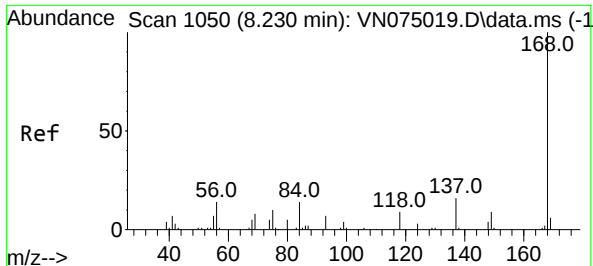
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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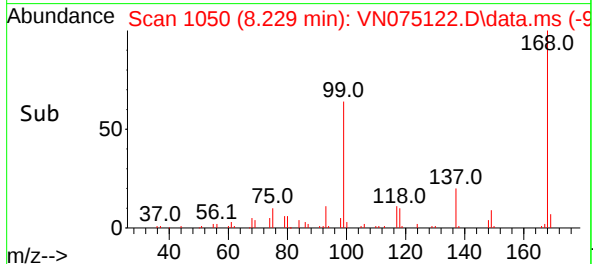
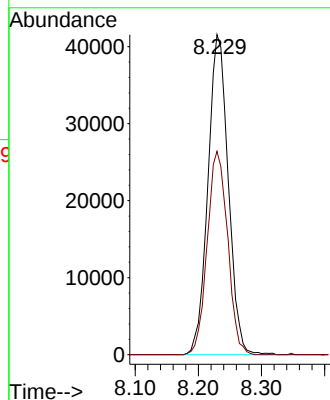
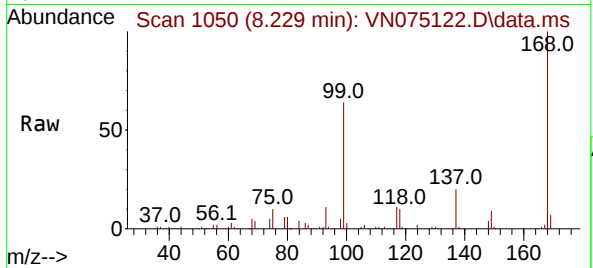




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075122.D
Acq: 02 Nov 2022 17:16

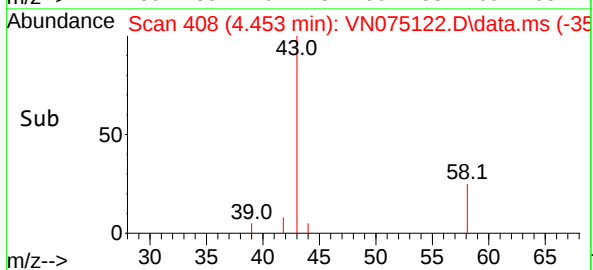
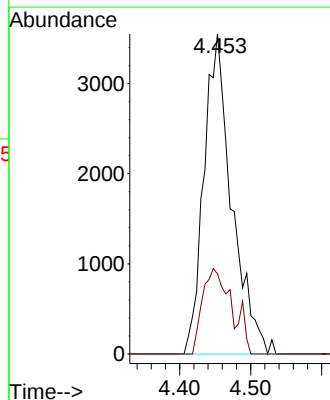
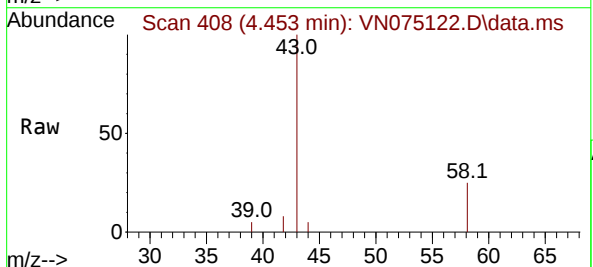
Instrument :
MSVOA_N
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TP-H

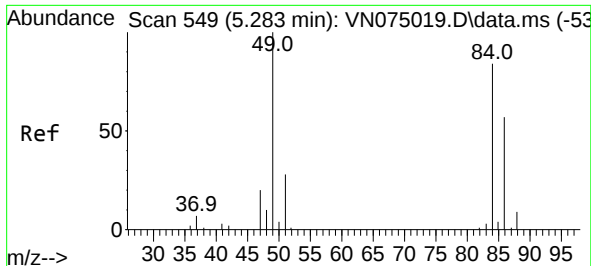
Tgt Ion:168 Resp: 93009
Ion Ratio Lower Upper
168 100
99 63.6 51.6 77.4



#16
Acetone
Concen: 18.278 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.011 min
Lab File: VN075122.D
Acq: 02 Nov 2022 17:16

Tgt Ion: 43 Resp: 9699
Ion Ratio Lower Upper
43 100
58 25.1 25.5 38.3#

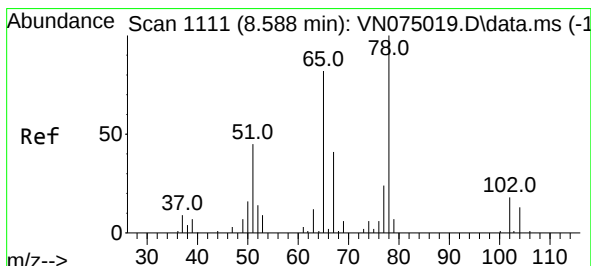
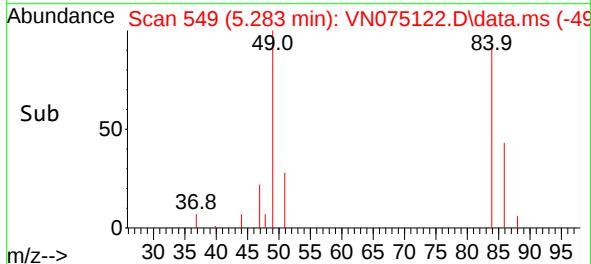
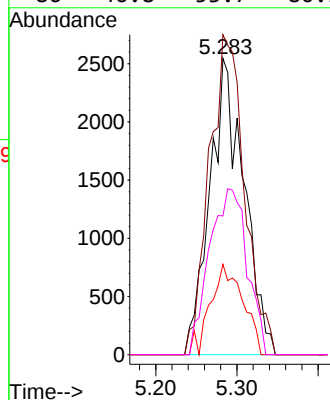
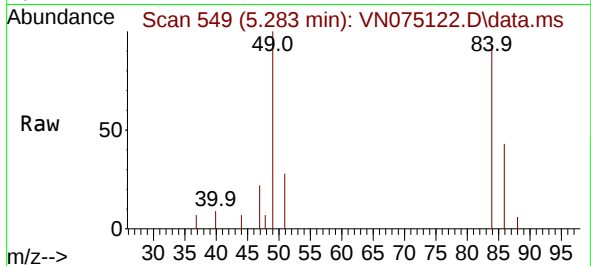




#20
Methylene Chloride
Concen: 6.262 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075122.D
Acq: 02 Nov 2022 17:16

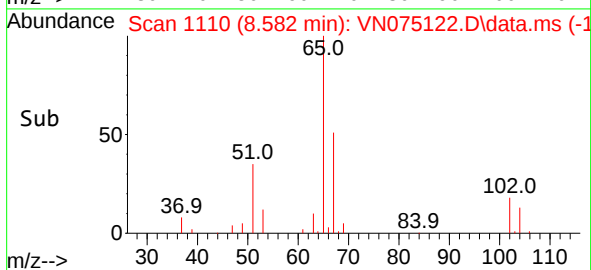
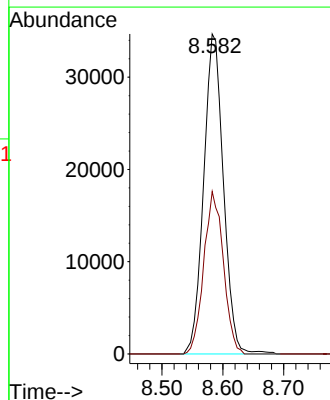
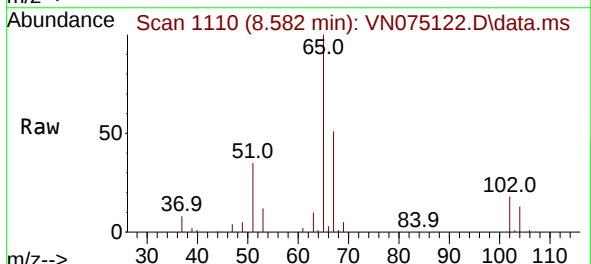
Instrument :
MSVOA_N
ClientSampleId :
TP-H

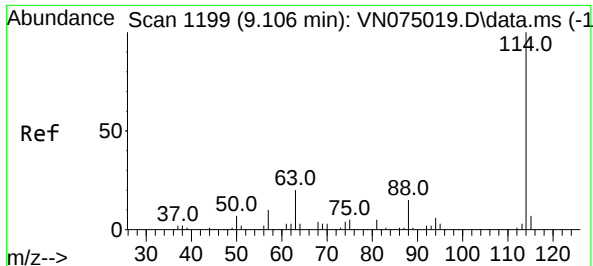
Tgt Ion:	84	Resp:	7409
Ion	Ratio	Lower	Upper
84	100		
49	108.0	94.9	142.3
51	30.5	26.8	40.2
86	46.8	53.7	80.5



#33
1,2-Dichloroethane-d4
Concen: 62.486 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VN075122.D
Acq: 02 Nov 2022 17:16

Tgt Ion:	65	Resp:	78306
Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075122.D

Acq: 02 Nov 2022 17:16

Instrument :

MSVOA_N

ClientSampleId :

TP-H

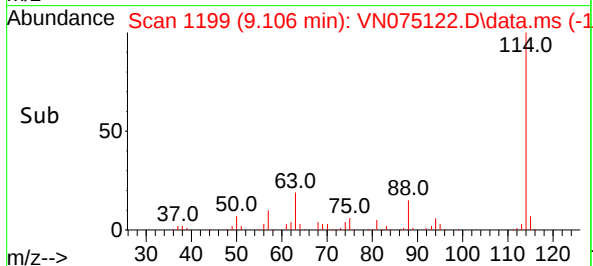
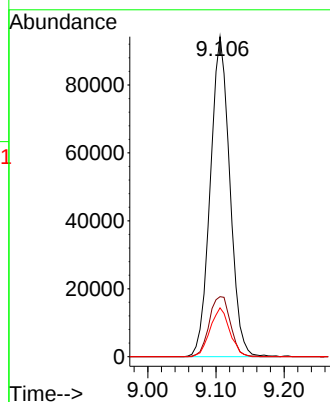
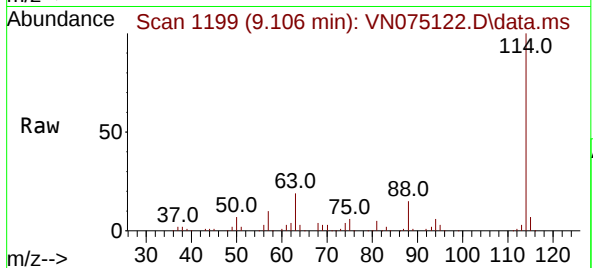
Tgt Ion:114 Resp: 187806

Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.6

88 15.3 0.0 29.0



#35

Dibromofluoromethane

Concen: 54.806 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075122.D

Acq: 02 Nov 2022 17:16

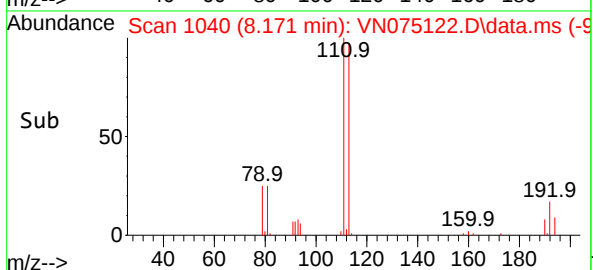
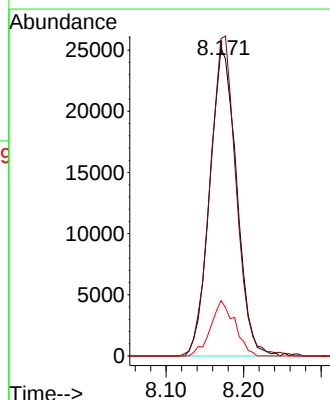
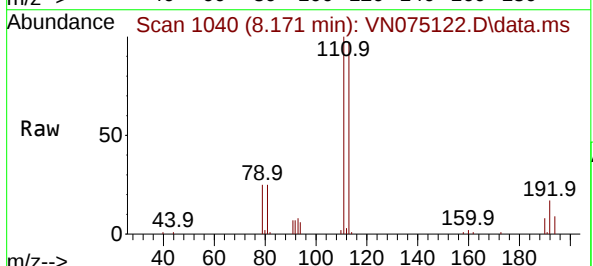
Tgt Ion:113 Resp: 60425

Ion Ratio Lower Upper

113 100

111 101.6 80.5 120.7

192 16.3 13.2 19.8

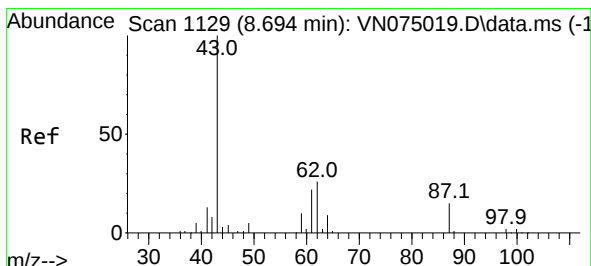
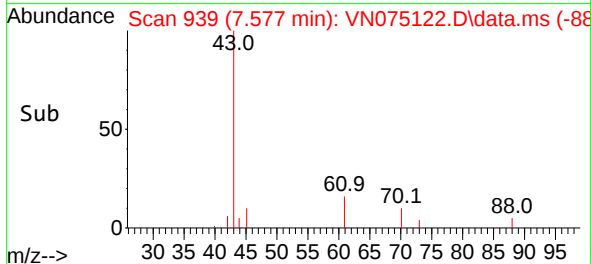
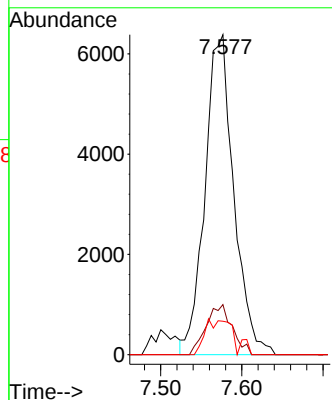
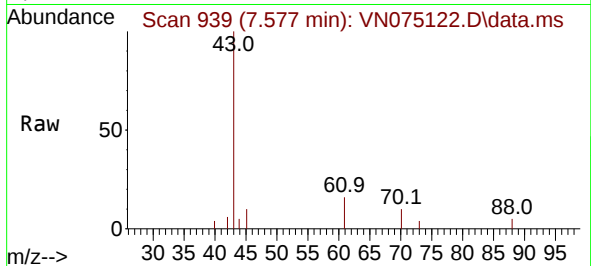




#37
Ethyl Acetate
Concen: 8.405 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075122.D
Acq: 02 Nov 2022 17:16

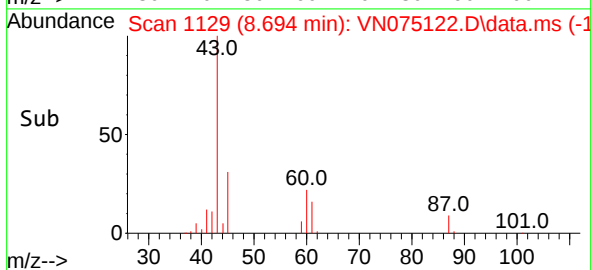
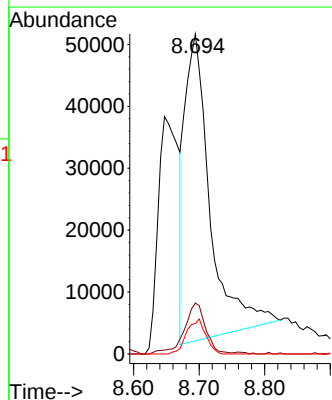
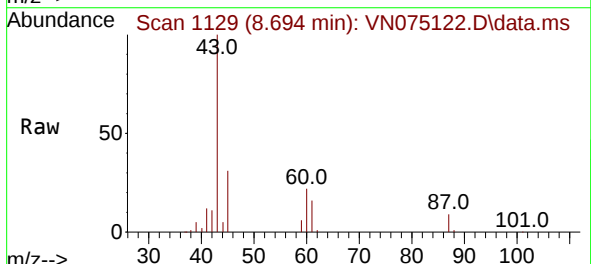
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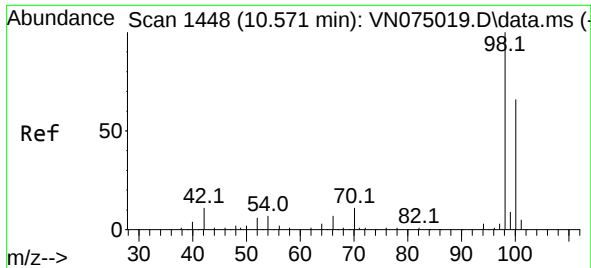
Tgt Ion: 43 Resp: 15734
Ion Ratio Lower Upper
43 100
61 14.1 12.2 18.4
70 11.1 9.4 14.2



#43
Isopropyl Acetate
Concen: 45.982 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075122.D
Acq: 02 Nov 2022 17:16

Tgt Ion: 43 Resp: 133512
Ion Ratio Lower Upper
43 100
61 14.0 22.4 33.6#
87 8.5 12.5 18.7#

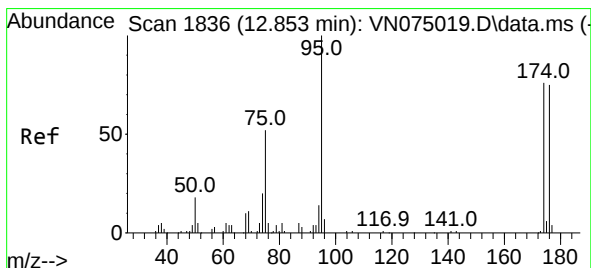
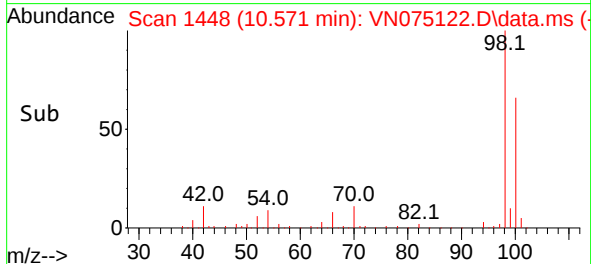
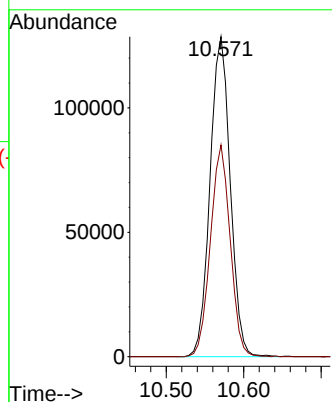
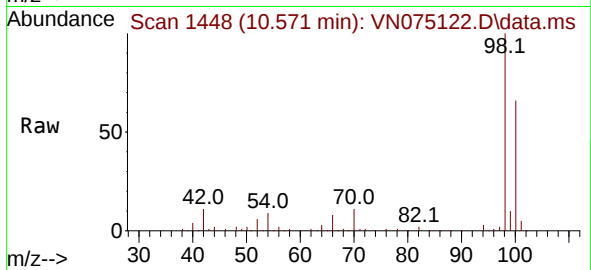




#50
Toluene-d8
Concen: 54.503 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075122.D
Acq: 02 Nov 2022 17:16

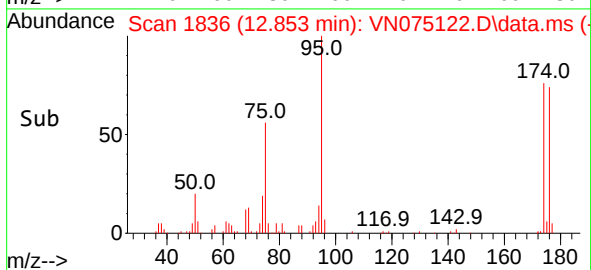
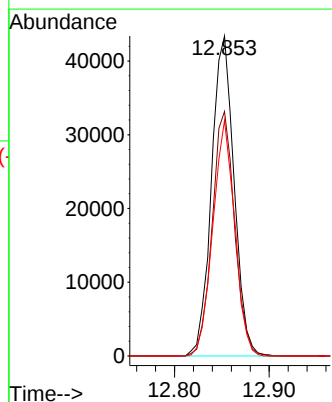
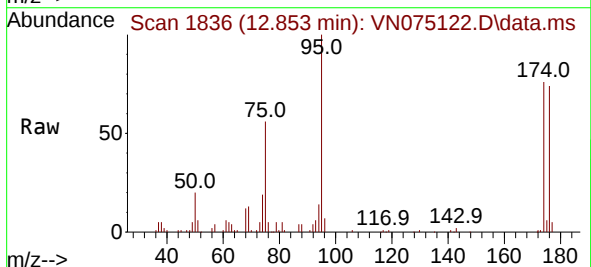
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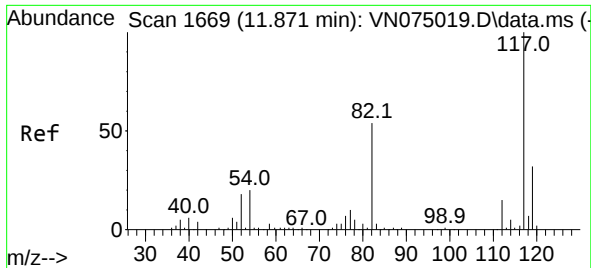
Tgt Ion: 98 Resp: 233136
Ion Ratio Lower Upper
98 100
100 64.7 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 47.712 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075122.D
Acq: 02 Nov 2022 17:16

Tgt Ion: 95 Resp: 71691
Ion Ratio Lower Upper
95 100
174 75.8 0.0 147.4
176 71.5 0.0 142.2

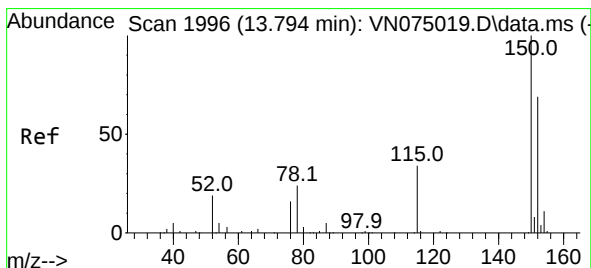
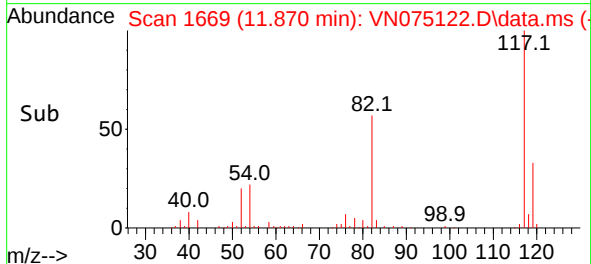
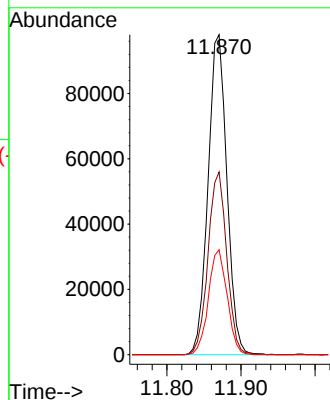
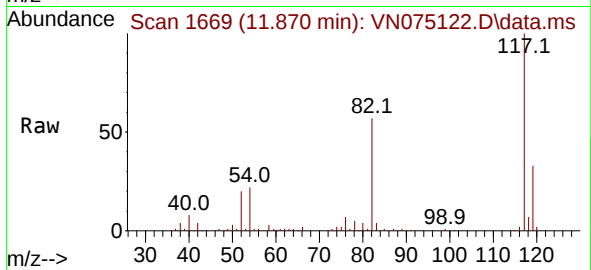




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. -0.001 min
Lab File: VN075122.D
Acq: 02 Nov 2022 17:16

Instrument :
MSVOA_N
ClientSampleId :
TP-H

Tgt Ion:117 Resp: 172987
Ion Ratio Lower Upper
117 100
82 57.1 43.1 64.7
119 32.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075122.D
Acq: 02 Nov 2022 17:16

Tgt Ion:152 Resp: 65623
Ion Ratio Lower Upper
152 100
115 61.1 30.2 90.6
150 156.6 0.0 348.4

