

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020823\
 Data File : VN076584.D
 Acq On : 08 Feb 2023 16:58
 Operator : JC\MD
 Sample : 01418-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JPP-20-020223

Quant Time: Feb 09 00:51:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 09:04:43 2023
 Response via : Initial Calibration

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

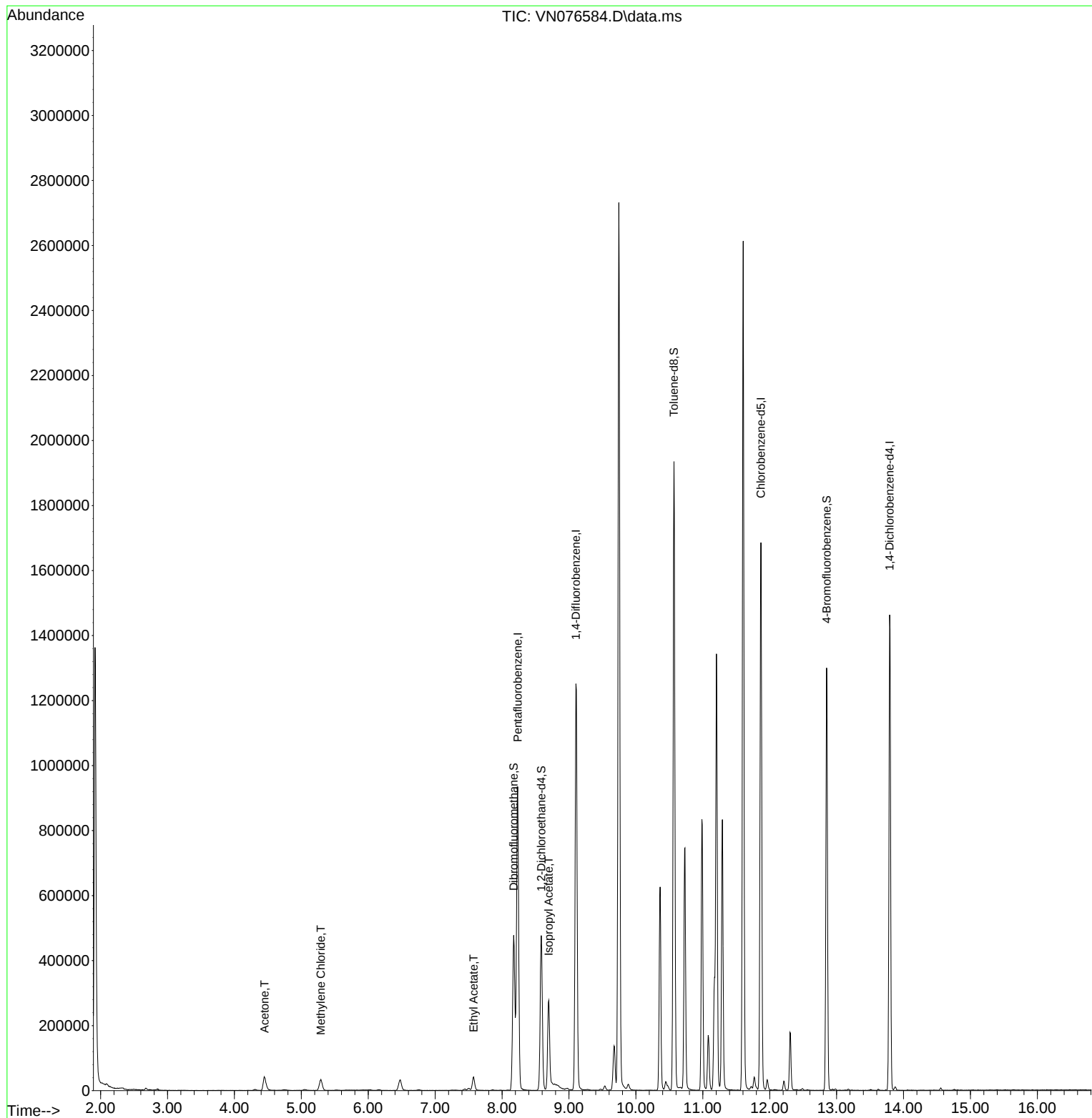
Internal Standards						
1) Pentafluorobenzene	8.233	168	706095	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.104	114	1180993	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.869	117	1048867	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.792	152	417463	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.586	65	394101	47.288	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.580%
35) Dibromofluoromethane	8.175	113	352063	47.956	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.920%
50) Toluene-d8	10.569	98	1383666	50.099	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.200%
62) 4-Bromofluorobenzene	12.851	95	466487	47.944	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.880%
Target Compounds						
					Qvalue	
16) Acetone	4.451	43	79704	29.008	ug/l	95
20) Methylene Chloride	5.293	84	29007	3.425	ug/l	97
37) Ethyl Acetate	7.575	43	61511	7.833	ug/l	98
43) Isopropyl Acetate	8.698	43	317033	24.261	ug/l #	87

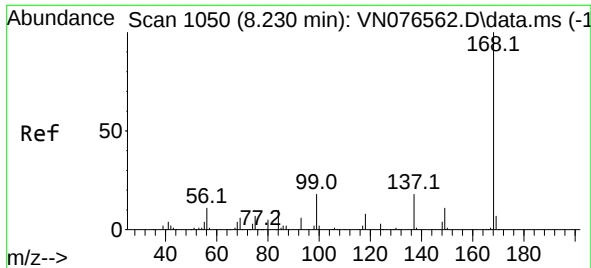
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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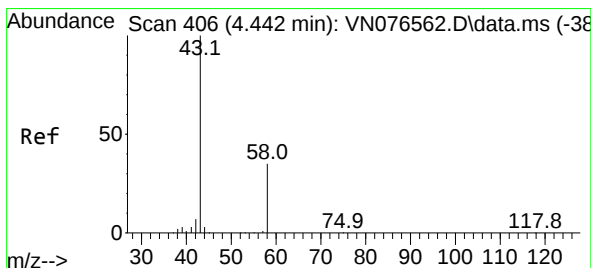
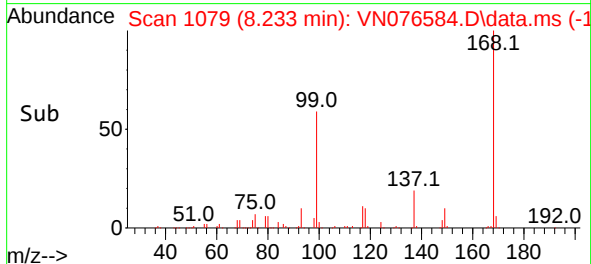
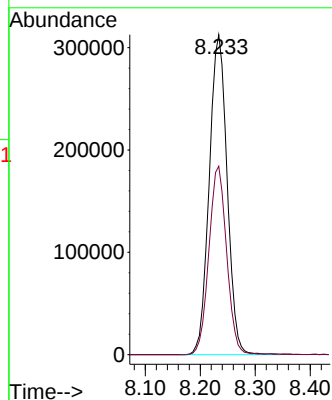
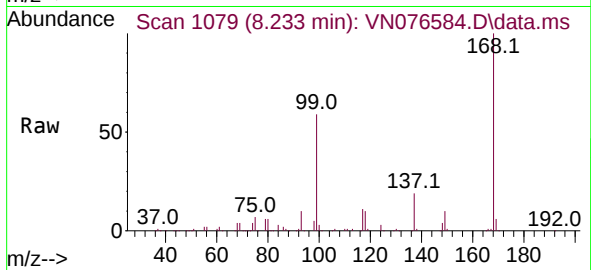




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.233 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VN076584.D
Acq: 08 Feb 2023 16:58

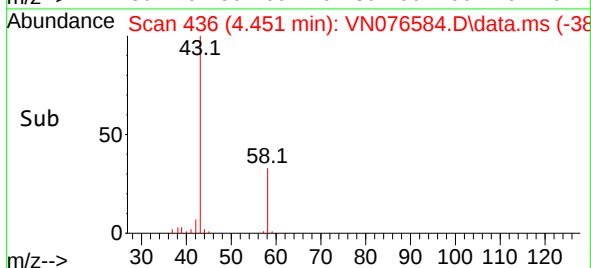
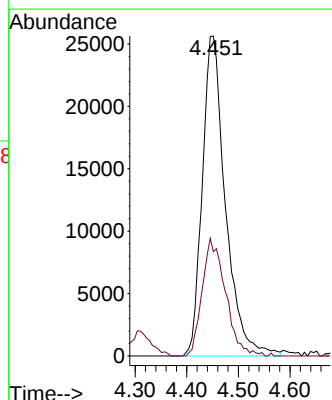
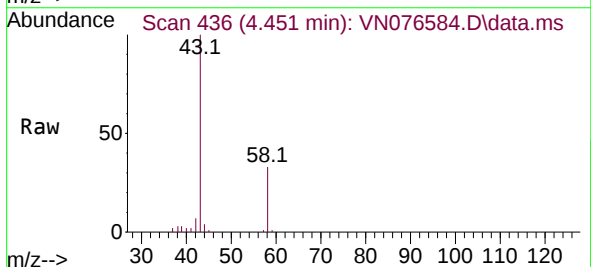
Instrument :
MSVOA_N
ClientSampleId :
JPP-20-020223

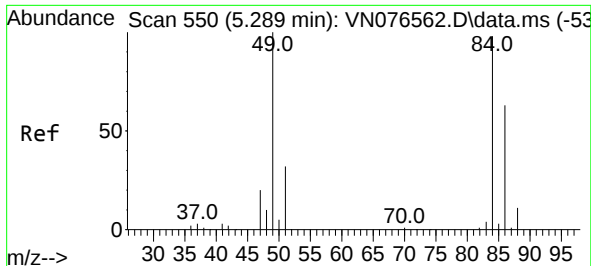
Tgt Ion:168 Resp: 706095
Ion Ratio Lower Upper
168 100
99 58.9 47.8 71.8



#16
Acetone
Concen: 29.008 ug/l
RT: 4.451 min Scan# 436
Delta R.T. 0.009 min
Lab File: VN076584.D
Acq: 08 Feb 2023 16:58

Tgt Ion: 43 Resp: 79704
Ion Ratio Lower Upper
43 100
58 32.6 28.4 42.6

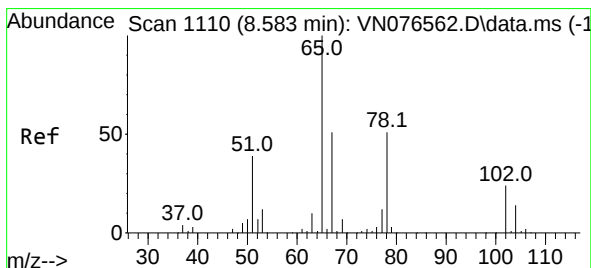
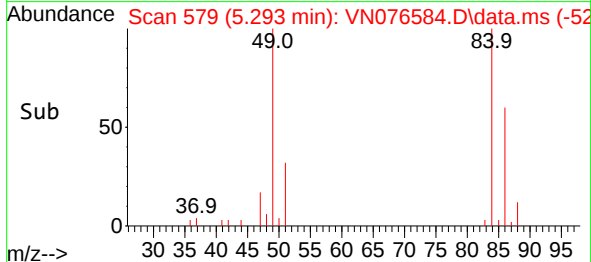
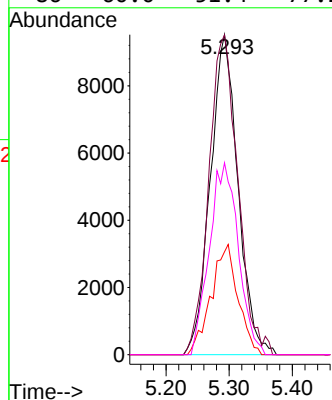
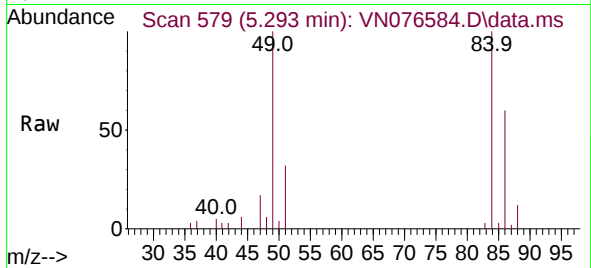




#20
Methylene Chloride
Concen: 3.425 ug/l
RT: 5.293 min Scan# 51
Delta R.T. 0.004 min
Lab File: VN076584.D
Acq: 08 Feb 2023 16:58

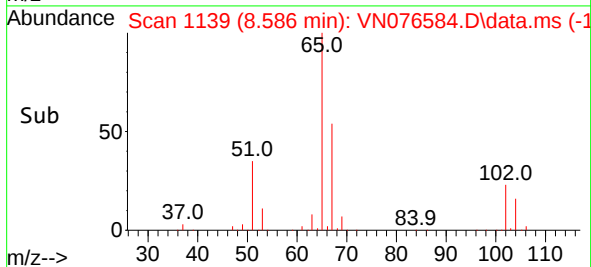
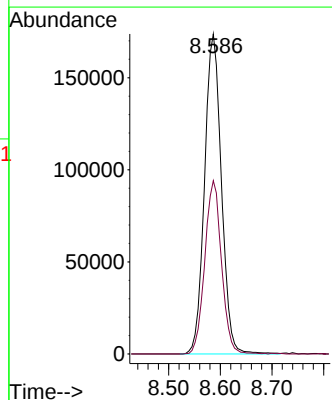
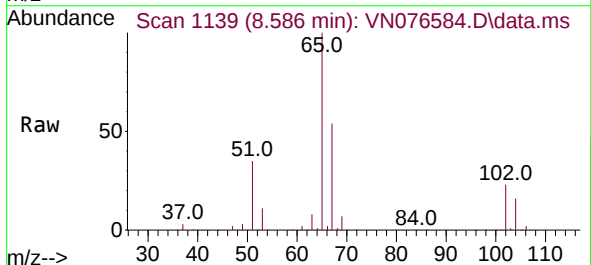
Instrument :
MSVOA_N
ClientSampleId :
JPP-20-020223

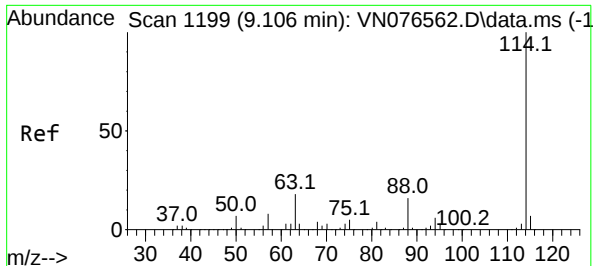
Tgt Ion: 84	Resp: 29007
Ion Ratio	Lower Upper
84 100	
49 99.9	82.0 123.0
51 32.2	26.0 39.0
86 60.0	51.4 77.2



#33
1,2-Dichloroethane-d4
Concen: 47.288 ug/l
RT: 8.586 min Scan# 1139
Delta R.T. 0.003 min
Lab File: VN076584.D
Acq: 08 Feb 2023 16:58

Tgt Ion: 65	Resp: 394101
Ion Ratio	Lower Upper
65 100	
67 53.5	0.0 105.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.104 min Scan# 1199

Delta R.T. -0.002 min

Lab File: VN076584.D

Acq: 08 Feb 2023 16:58

Instrument :

MSVOA_N

ClientSampleId :

JPP-20-020223

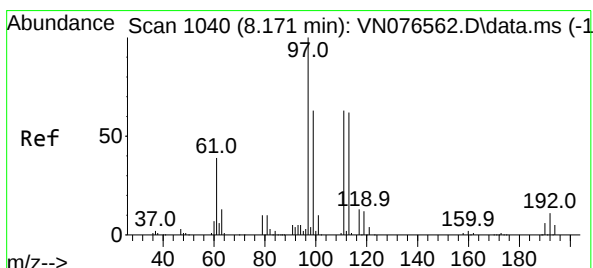
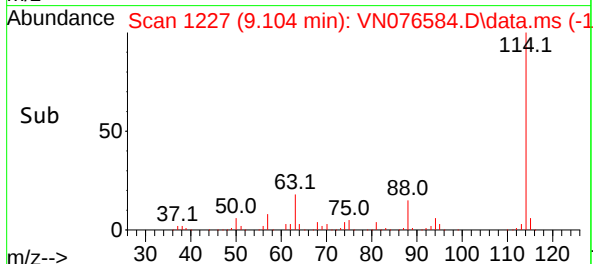
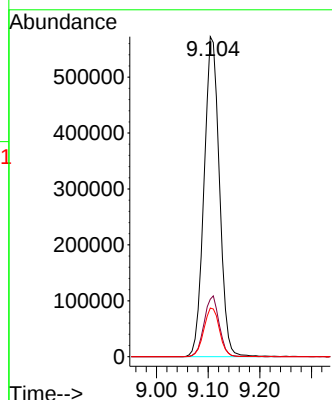
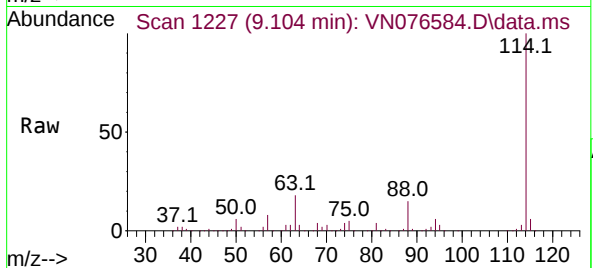
Tgt Ion:114 Resp: 1180993

Ion Ratio Lower Upper

114 100

63 18.0 0.0 36.6

88 15.2 0.0 32.0



#35

Dibromofluoromethane

Concen: 47.956 ug/l

RT: 8.175 min Scan# 1069

Delta R.T. 0.004 min

Lab File: VN076584.D

Acq: 08 Feb 2023 16:58

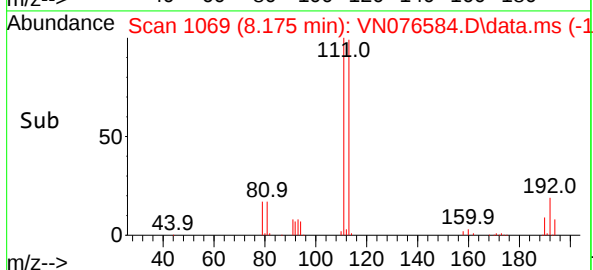
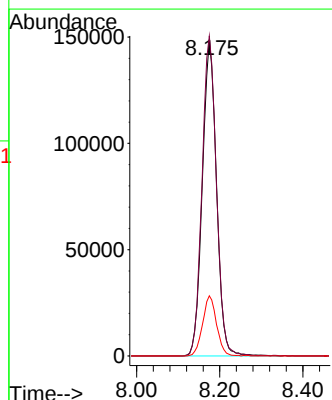
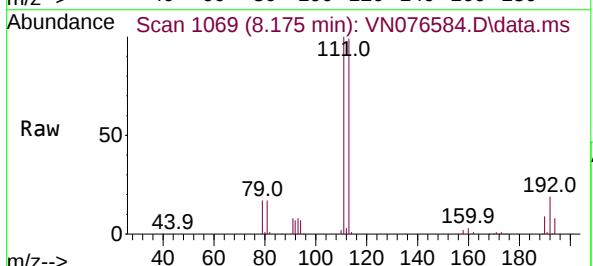
Tgt Ion:113 Resp: 352063

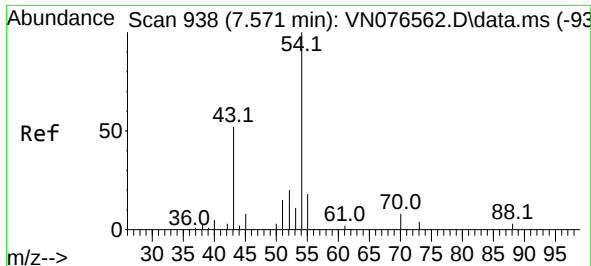
Ion Ratio Lower Upper

113 100

111 102.8 82.0 123.0

192 18.7 14.8 22.2

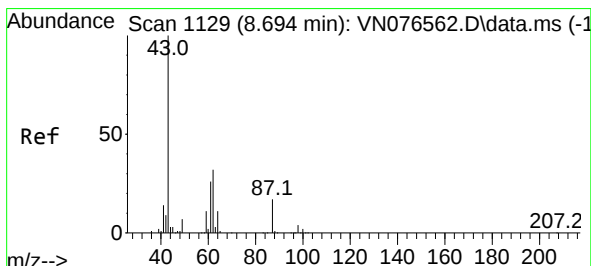
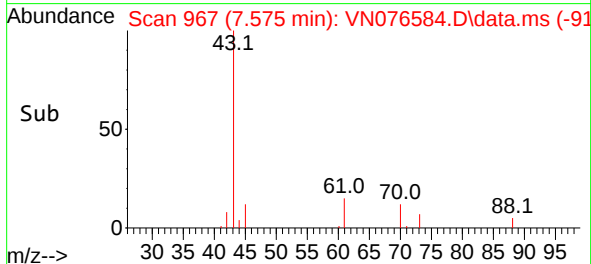
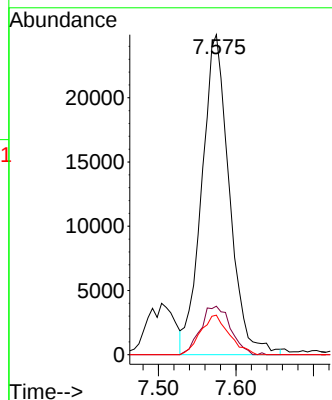
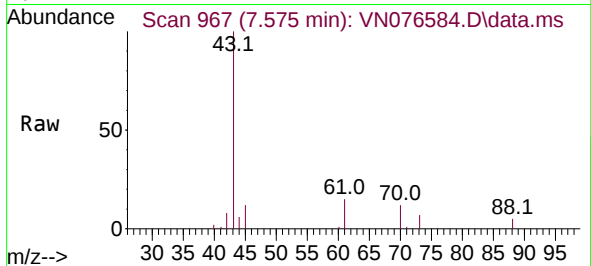




#37
Ethyl Acetate
Concen: 7.833 ug/l
RT: 7.575 min Scan# 911
Delta R.T. 0.004 min
Lab File: VN076584.D
Acq: 08 Feb 2023 16:58

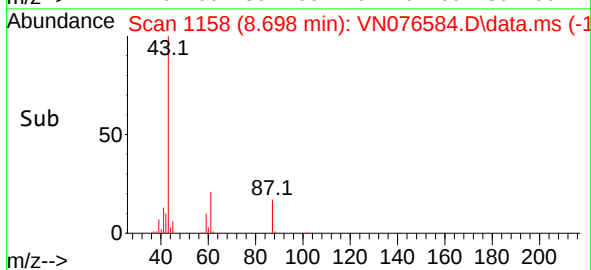
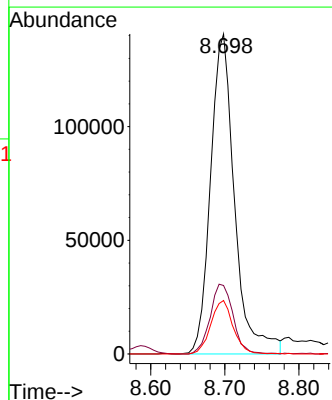
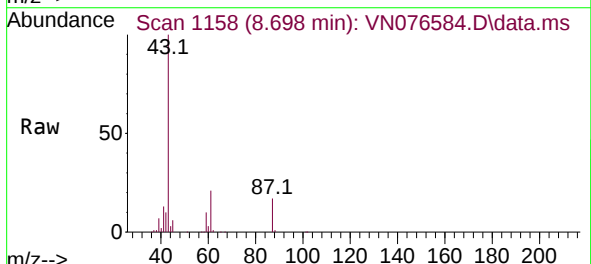
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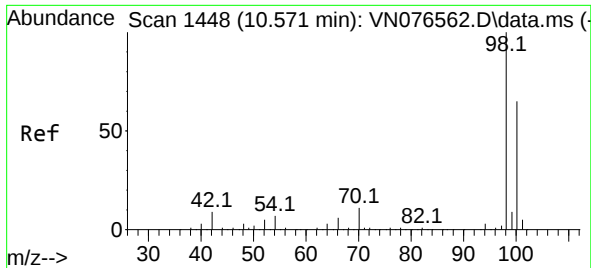
Tgt Ion:	43	Resp:	61511
Ion	Ratio	Lower	Upper
43	100		
61	16.4	11.8	17.6
70	12.8	10.4	15.6



#43
Isopropyl Acetate
Concen: 24.261 ug/l
RT: 8.698 min Scan# 1158
Delta R.T. 0.004 min
Lab File: VN076584.D
Acq: 08 Feb 2023 16:58

Tgt Ion:	43	Resp:	317033
Ion	Ratio	Lower	Upper
43	100		
61	20.8	24.5	36.7#
87	15.5	13.6	20.4

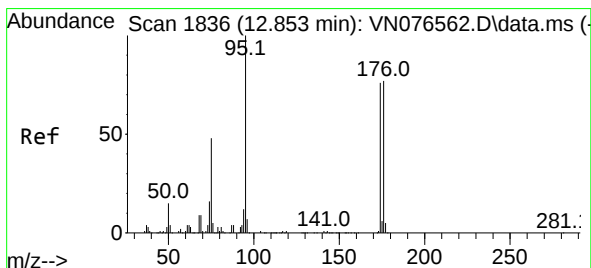
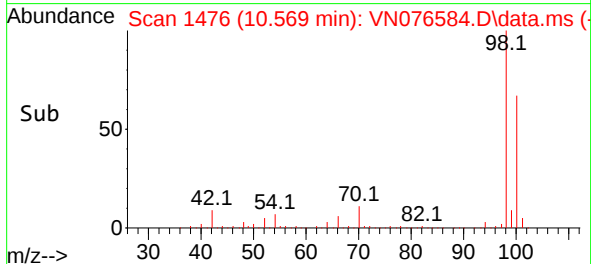
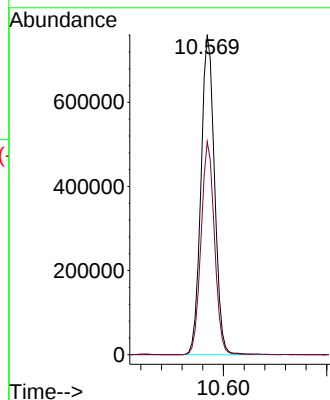
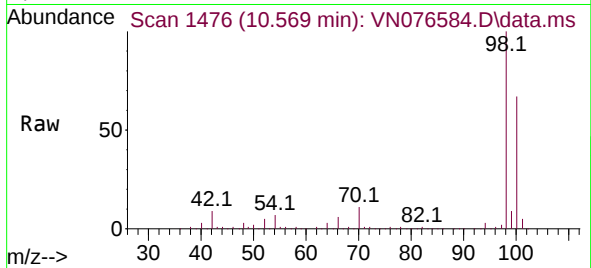




#50
Toluene-d8
Concen: 50.099 ug/l
RT: 10.569 min Scan# 1448
Delta R.T. -0.002 min
Lab File: VN076584.D
Acq: 08 Feb 2023 16:58

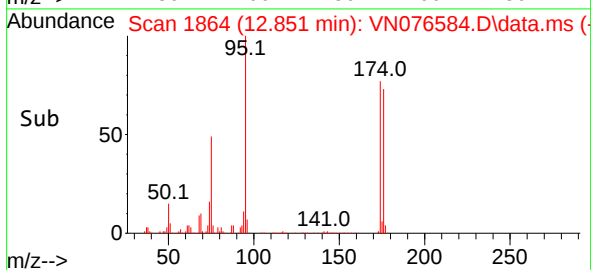
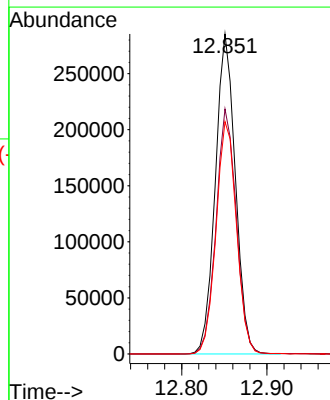
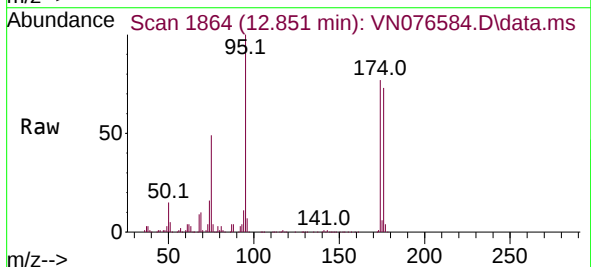
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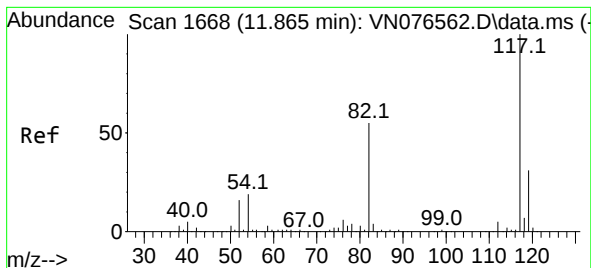
Tgt Ion: 98 Resp: 1383666
Ion Ratio Lower Upper
98 100
100 65.9 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 47.944 ug/l
RT: 12.851 min Scan# 1864
Delta R.T. -0.002 min
Lab File: VN076584.D
Acq: 08 Feb 2023 16:58

Tgt Ion: 95 Resp: 466487
Ion Ratio Lower Upper
95 100
174 77.4 0.0 154.0
176 73.9 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.869 min Scan# 1

Delta R.T. 0.004 min

Lab File: VN076584.D

Acq: 08 Feb 2023 16:58

Instrument :

MSVOA_N

ClientSampleId :

JPP-20-020223

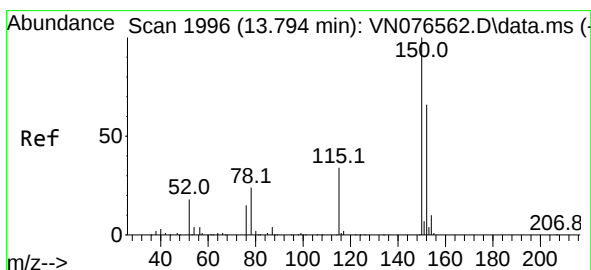
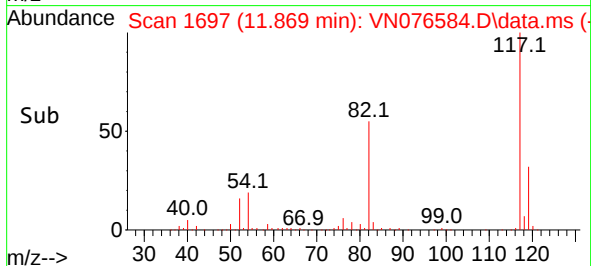
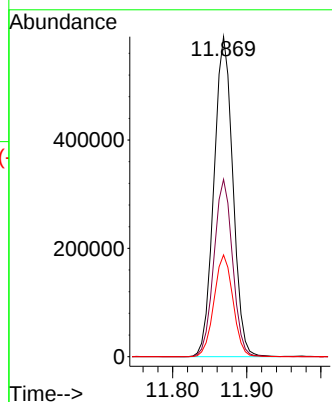
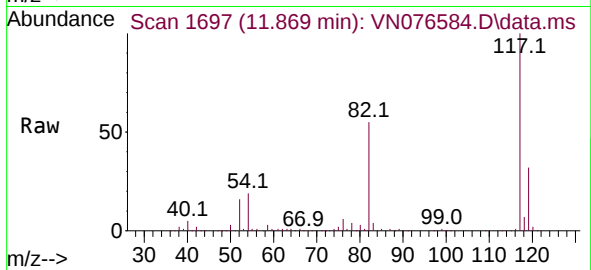
Tgt Ion:117 Resp: 1048867

Ion Ratio Lower Upper

117 100

82 55.4 44.2 66.4

119 31.8 25.1 37.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.792 min Scan# 2024

Delta R.T. -0.002 min

Lab File: VN076584.D

Acq: 08 Feb 2023 16:58

Tgt Ion:152 Resp: 417463

Ion Ratio Lower Upper

152 100

115 60.8 30.8 92.3

150 157.6 0.0 348.8

