

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010623\
 Data File : VN076131.D
 Acq On : 06 Jan 2023 14:12
 Operator : JC\MD
 Sample : 01029-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-205

Quant Time: Jan 06 22:55:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

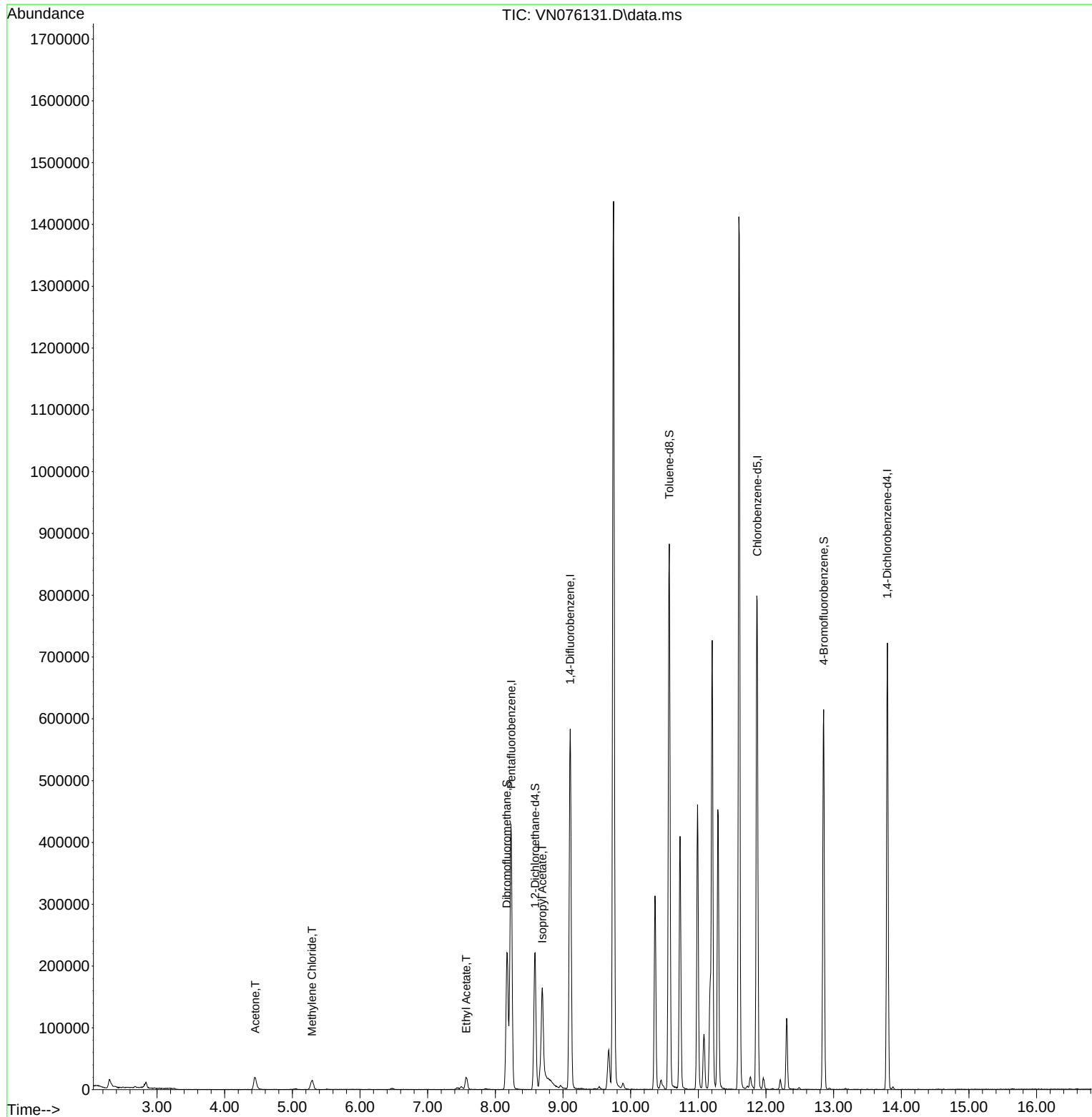
Internal Standards						
1) Pentafluorobenzene	8.235	168	332853	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	542811	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	487477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	201229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	178729	49.357	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.720%
35) Dibromofluoromethane	8.171	113	160771	47.826	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.660%
50) Toluene-d8	10.570	98	634849	50.511	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.020%
62) 4-Bromofluorobenzene	12.853	95	200556	48.178	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.360%
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	39387	31.553	ug/l	97
20) Methylene Chloride	5.289	84	12688	3.200	ug/l	95
37) Ethyl Acetate	7.571	43	29718	8.285	ug/l	99
43) Isopropyl Acetate	8.694	43	207092	35.001	ug/l #	79

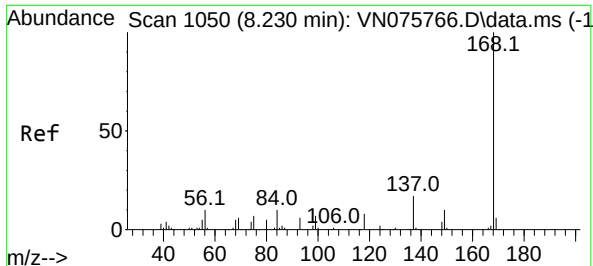
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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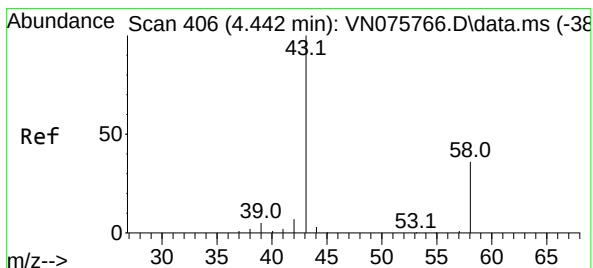
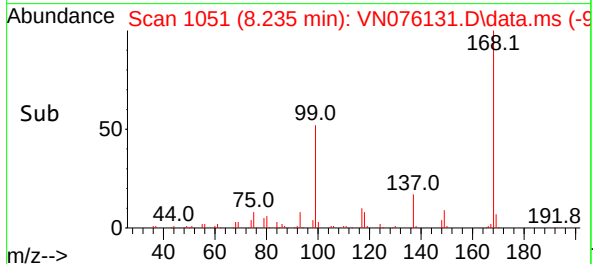
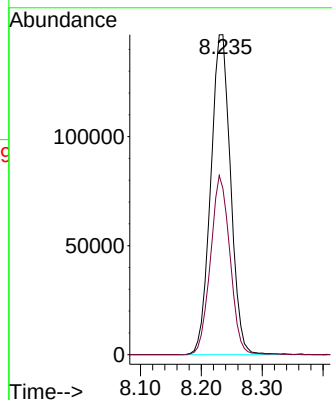
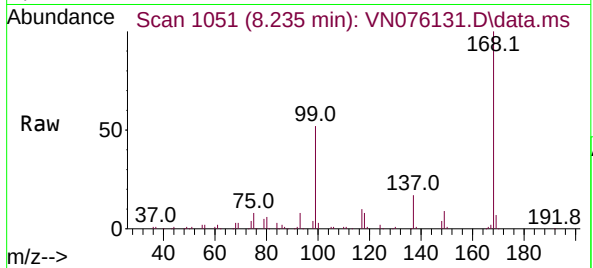




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1050
Delta R.T. 0.005 min
Lab File: VN076131.D
Acq: 06 Jan 2023 14:12

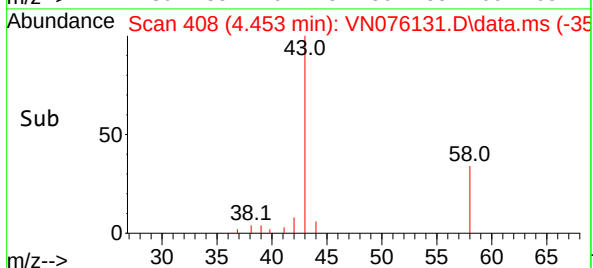
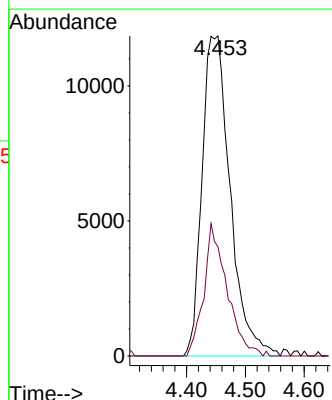
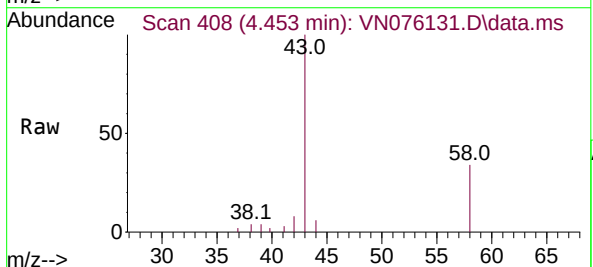
Instrument :
MSVOA_N
ClientSampleId :
TP-205

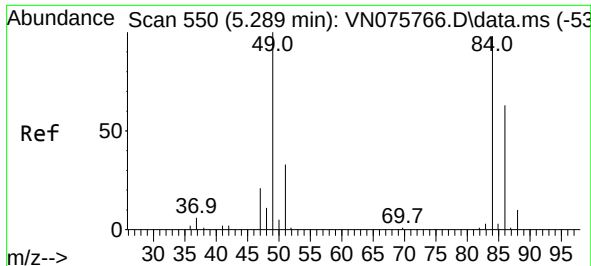
Tgt Ion:168 Resp: 332853
Ion Ratio Lower Upper
168 100
99 51.9 44.2 66.4



#16
Acetone
Concen: 31.553 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.012 min
Lab File: VN076131.D
Acq: 06 Jan 2023 14:12

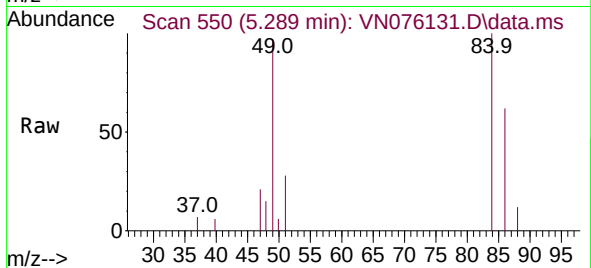
Tgt Ion: 43 Resp: 39387
Ion Ratio Lower Upper
43 100
58 34.1 28.6 43.0



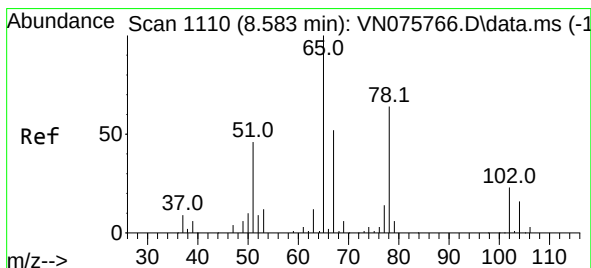
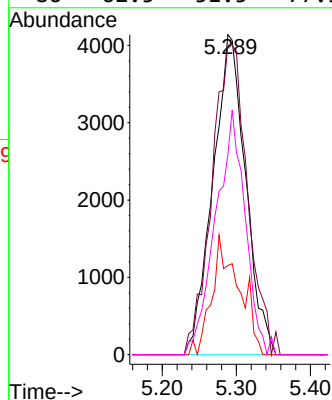
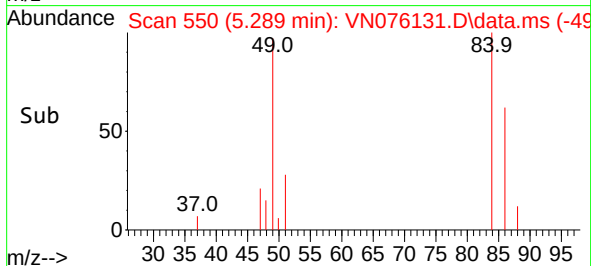


#20
Methylene Chloride
Concen: 3.200 ug/l
RT: 5.289 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN076131.D
Acq: 06 Jan 2023 14:12

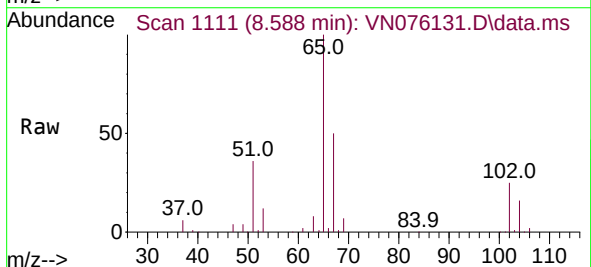
Instrument :
MSVOA_N
ClientSampleId :
TP-205



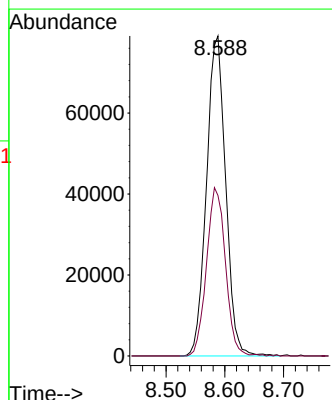
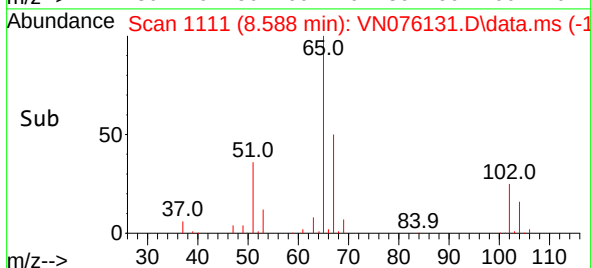
Tgt Ion: 84	Resp: 12688
Ion Ratio	Lower Upper
84 100	
49 96.6	81.8 122.6
51 27.8	26.7 40.1
86 62.5	51.5 77.3

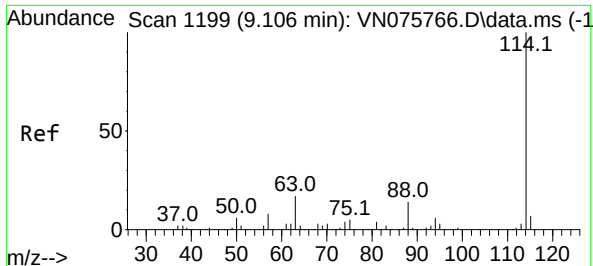


#33
1,2-Dichloroethane-d4
Concen: 49.357 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076131.D
Acq: 06 Jan 2023 14:12



Tgt Ion: 65	Resp: 178729
Ion Ratio	Lower Upper
65 100	
67 52.1	0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076131.D

Acq: 06 Jan 2023 14:12

Instrument :

MSVOA_N

ClientSampleId :

TP-205

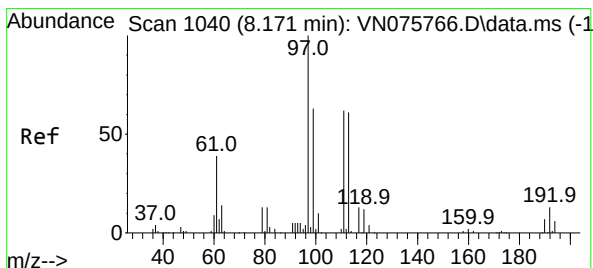
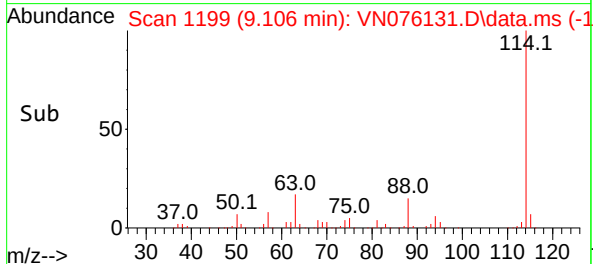
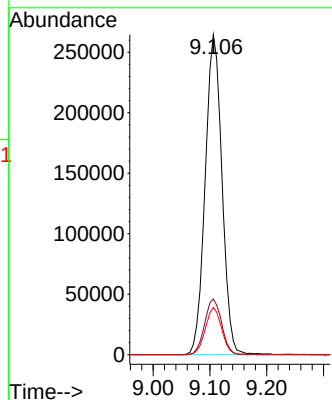
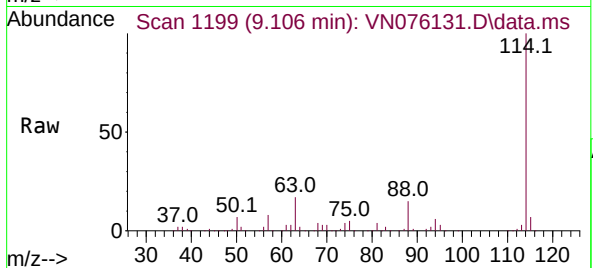
Tgt Ion:114 Resp: 542811

Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.4

88 14.7 0.0 28.8



#35

Dibromofluoromethane

Concen: 47.826 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076131.D

Acq: 06 Jan 2023 14:12

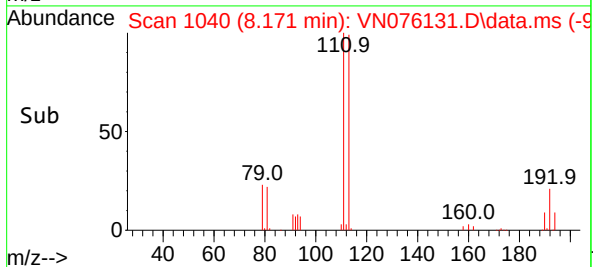
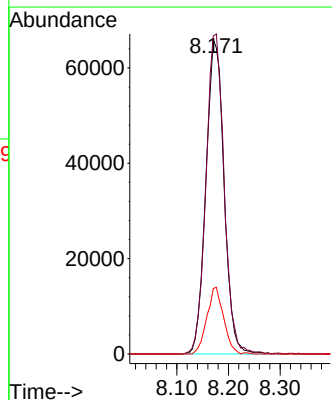
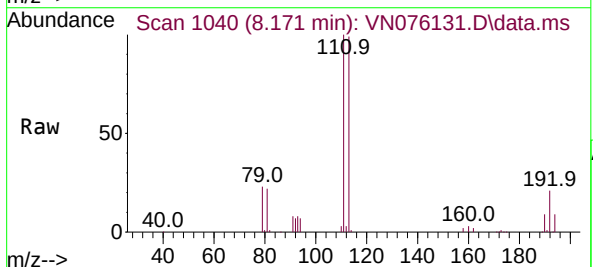
Tgt Ion:113 Resp: 160771

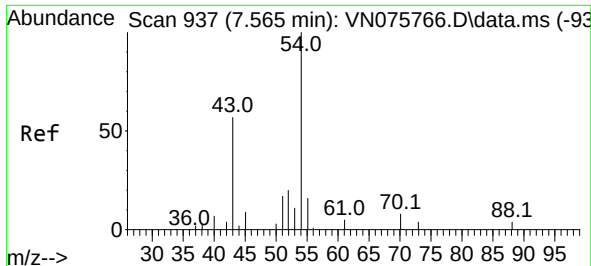
Ion Ratio Lower Upper

113 100

111 102.0 83.4 125.2

192 19.5 16.1 24.1

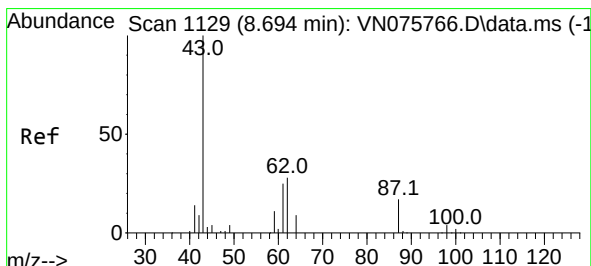
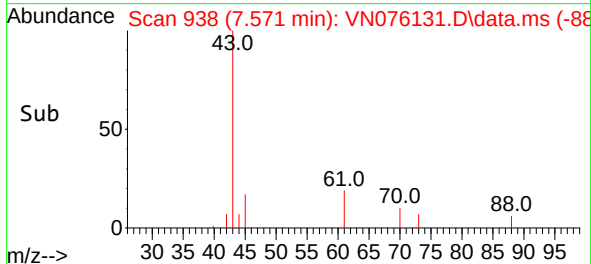
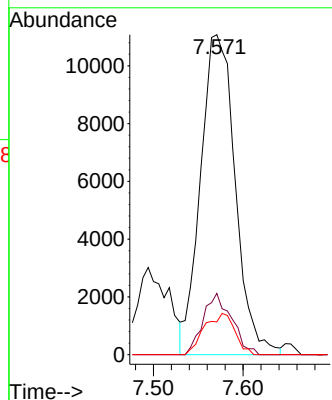
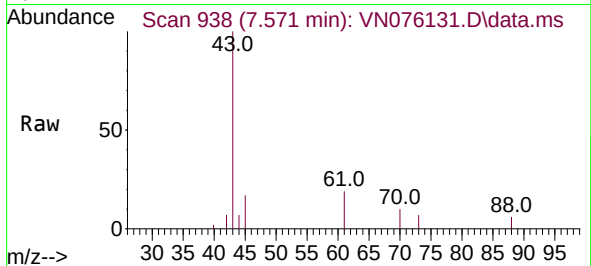




#37
Ethyl Acetate
Concen: 8.285 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076131.D
Acq: 06 Jan 2023 14:12

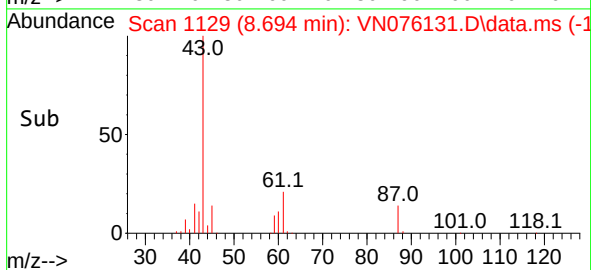
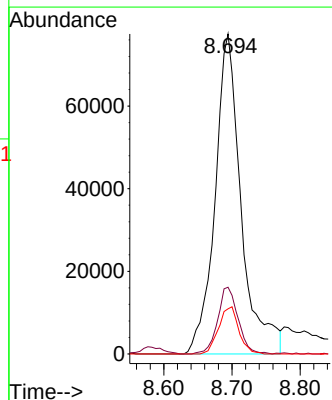
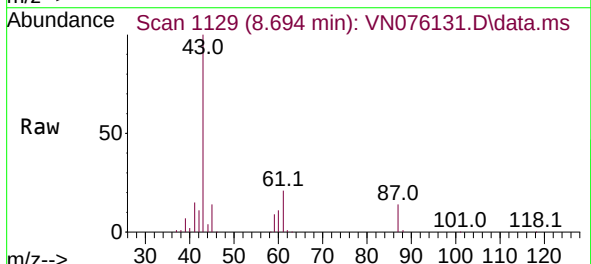
Instrument :
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TP-205

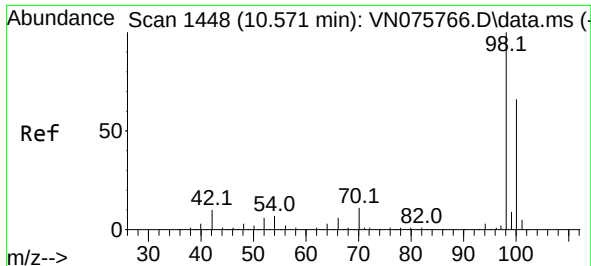
Tgt Ion: 43 Resp: 29718
Ion Ratio Lower Upper
43 100
61 15.8 13.0 19.4
70 11.3 9.4 14.0



#43
Isopropyl Acetate
Concen: 35.001 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN076131.D
Acq: 06 Jan 2023 14:12

Tgt Ion: 43 Resp: 207092
Ion Ratio Lower Upper
43 100
61 16.3 24.2 36.4#
87 11.4 13.3 19.9#

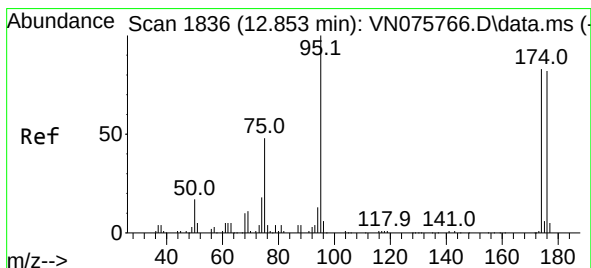
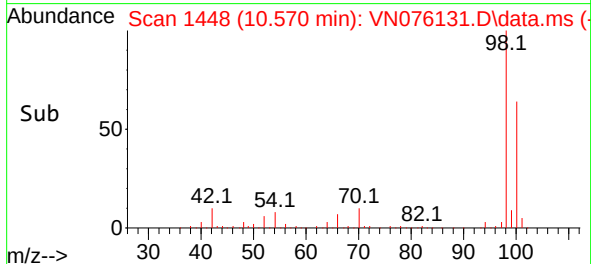
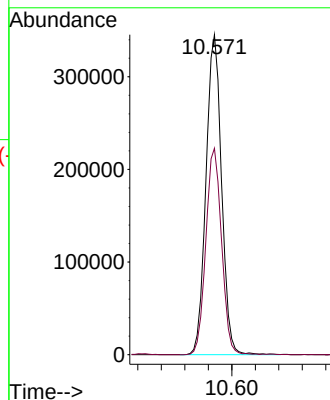
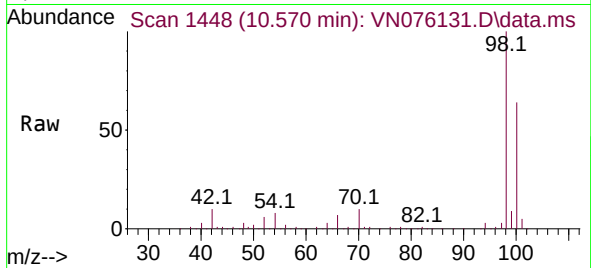




#50
Toluene-d8
Concen: 50.511 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076131.D
Acq: 06 Jan 2023 14:12

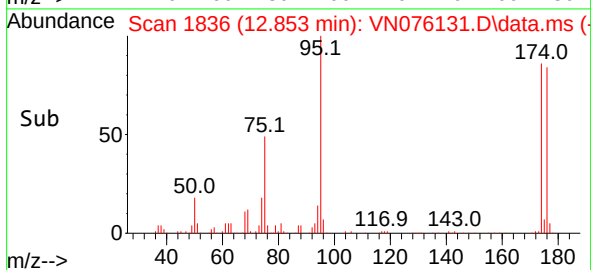
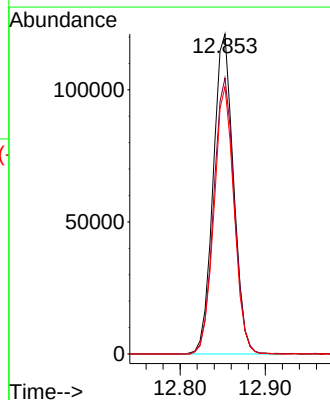
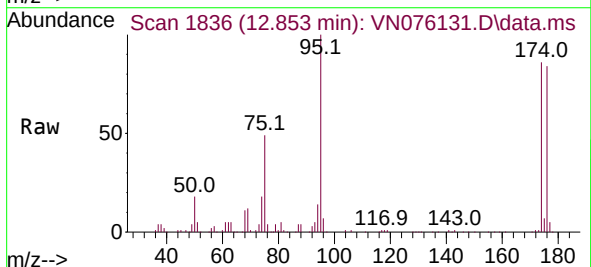
Instrument :
MSVOA_N
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TP-205

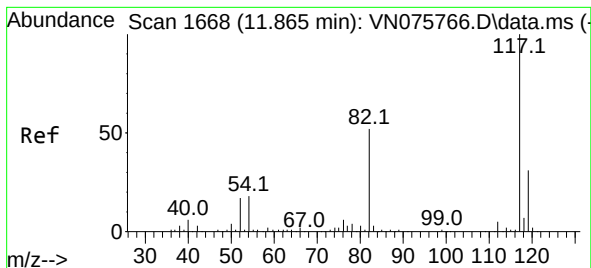
Tgt Ion: 98 Resp: 634849
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 48.178 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076131.D
Acq: 06 Jan 2023 14:12

Tgt Ion: 95 Resp: 200556
Ion Ratio Lower Upper
95 100
174 87.4 0.0 171.6
176 82.6 0.0 169.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN076131.D

Acq: 06 Jan 2023 14:12

Instrument :

MSVOA_N

ClientSampleId :

TP-205

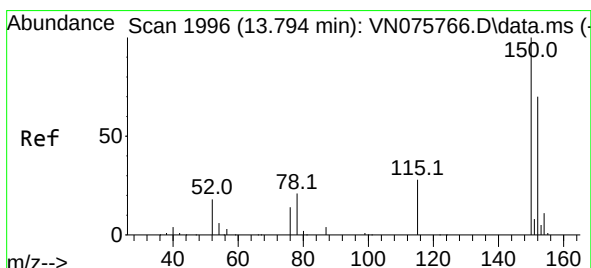
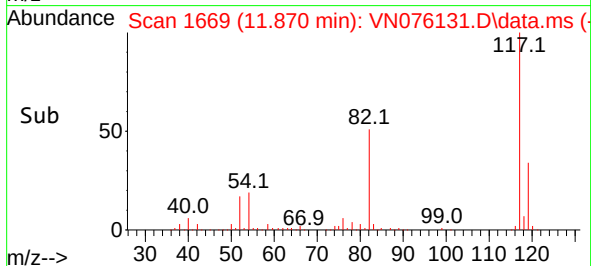
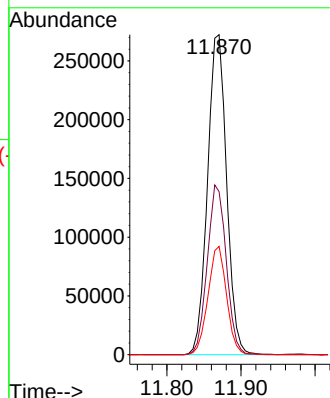
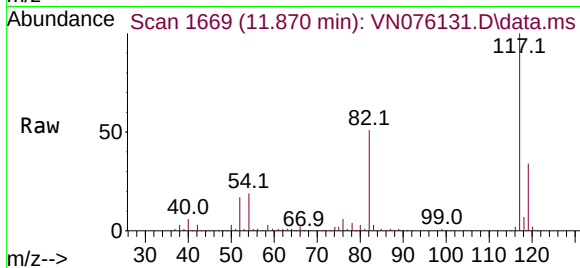
Tgt Ion:117 Resp: 487477

Ion Ratio Lower Upper

117 100

82 50.9 41.3 61.9

119 33.9 24.6 37.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN076131.D

Acq: 06 Jan 2023 14:12

Tgt Ion:152 Resp: 201229

Ion Ratio Lower Upper

152 100

115 57.9 29.1 87.4

150 156.4 0.0 347.0

