

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021423\
 Data File : VN076659.D
 Acq On : 14 Feb 2023 14:05
 Operator : JC\MD
 Sample : 01541-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ASH

Quant Time: Feb 14 15:23:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

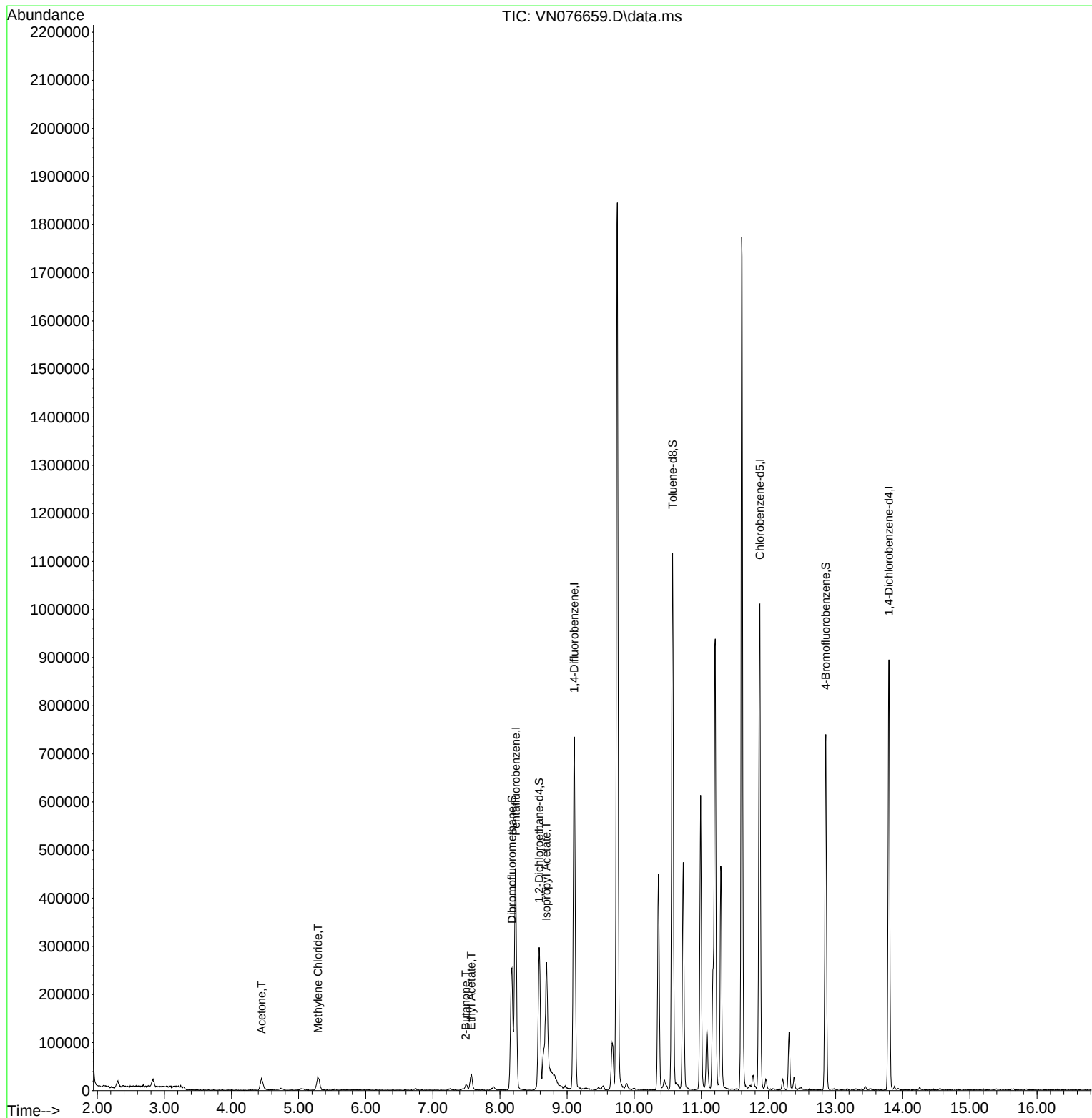
Internal Standards						
1) Pentafluorobenzene	8.236	168	330754	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	615138	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	582596	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	229092	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	230768	50.527	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.060%
35) Dibromofluoromethane	8.177	113	183676	45.595	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.180%
50) Toluene-d8	10.571	98	761763	50.634	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.260%
62) 4-Bromofluorobenzene	12.854	95	241963	48.560	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.120%
Target Compounds						
						Qvalue
16) Acetone	4.448	43	45591	22.347	ug/l	94
20) Methylene Chloride	5.289	84	20279	4.743	ug/l	96
25) 2-Butanone	7.489	43	18300	6.081	ug/l	95
37) Ethyl Acetate	7.572	43	50339	8.220	ug/l	97
43) Isopropyl Acetate	8.689	43	366734	36.803	ug/l #	78

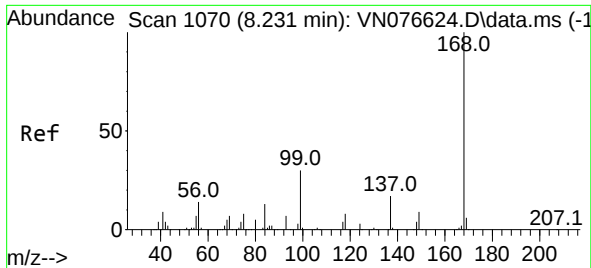
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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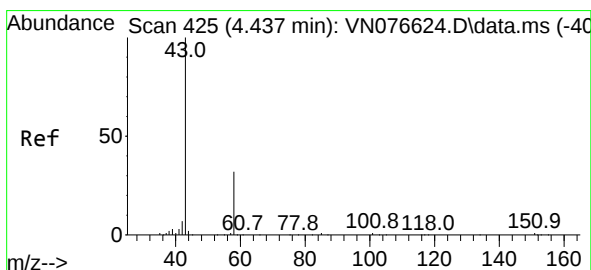
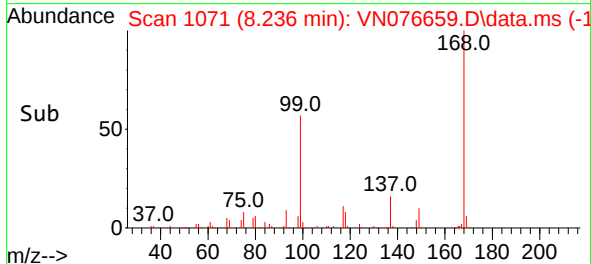
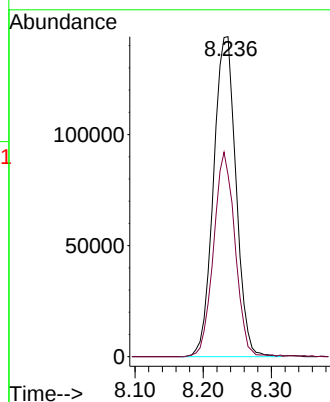
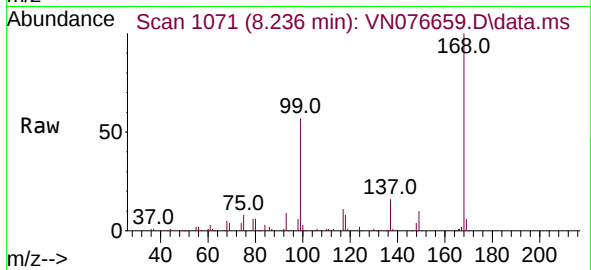




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1071
Delta R.T. 0.005 min
Lab File: VN076659.D
Acq: 14 Feb 2023 14:05

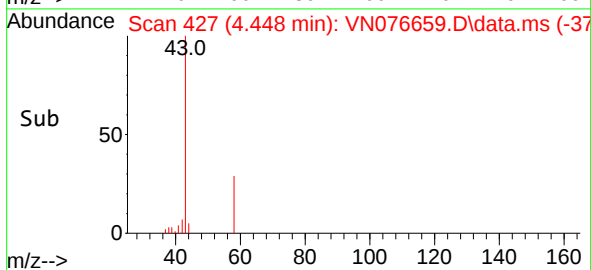
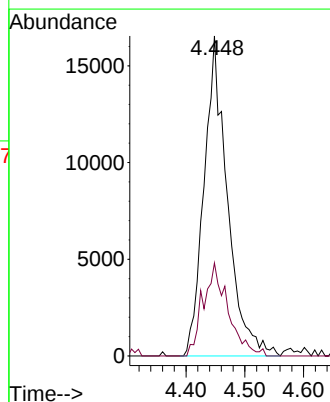
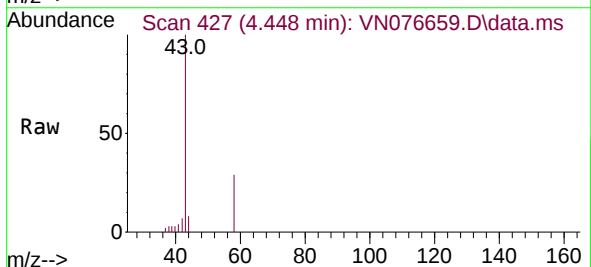
Instrument :
MSVOA_N
ClientSampleId :
ASH

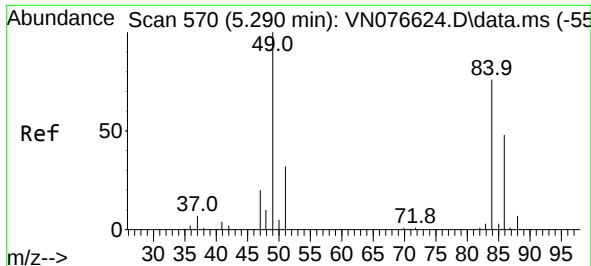
Tgt Ion:168 Resp: 330754
Ion Ratio Lower Upper
168 100
99 56.8 44.8 67.2



#16
Acetone
Concen: 22.347 ug/l
RT: 4.448 min Scan# 427
Delta R.T. 0.011 min
Lab File: VN076659.D
Acq: 14 Feb 2023 14:05

Tgt Ion: 43 Resp: 45591
Ion Ratio Lower Upper
43 100
58 29.1 25.9 38.9

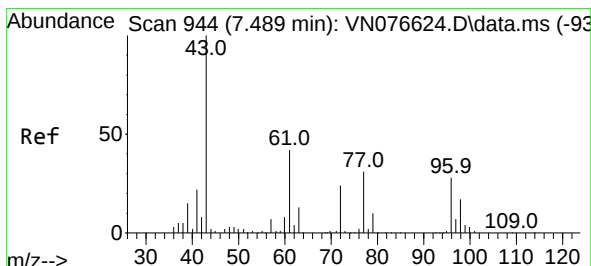
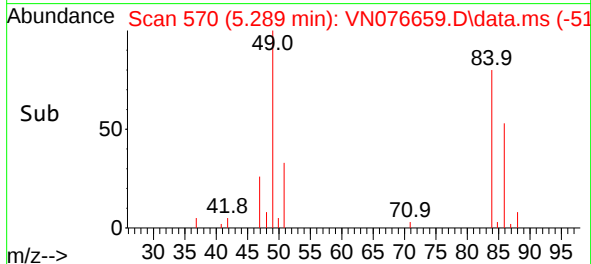
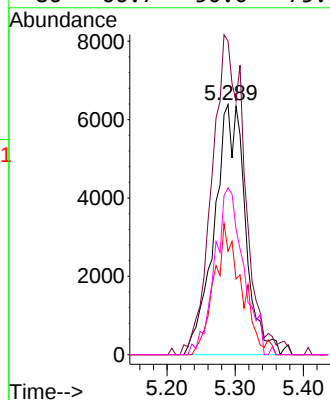
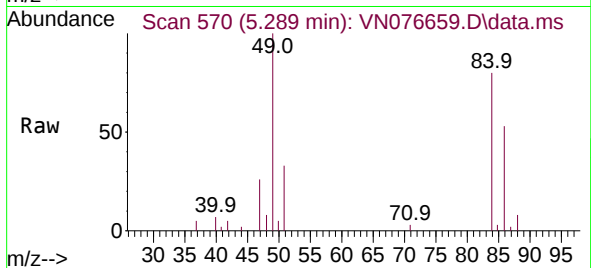




#20
Methylene Chloride
Concen: 4.743 ug/l
RT: 5.289 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN076659.D
Acq: 14 Feb 2023 14:05

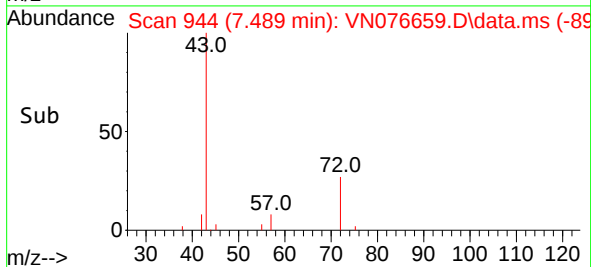
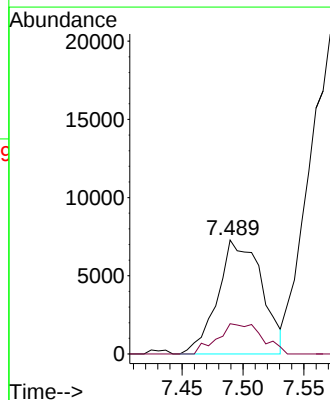
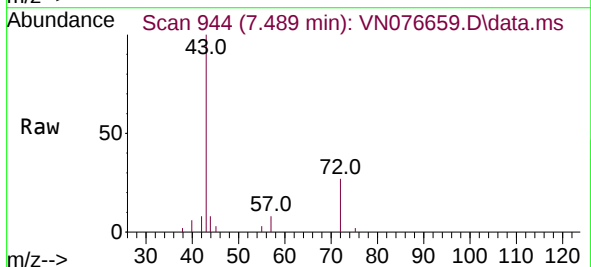
Instrument :
MSVOA_N
ClientSampleId :
ASH

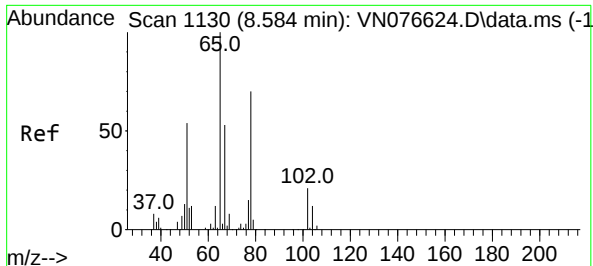
Tgt Ion: 84	Resp: 20279
Ion Ratio	Lower Upper
84 100	
49 125.3	104.9 157.3
51 41.4	33.8 50.8
86 66.7	50.0 75.0



#25
2-Butanone
Concen: 6.081 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN076659.D
Acq: 14 Feb 2023 14:05

Tgt Ion: 43	Resp: 18300
Ion Ratio	Lower Upper
43 100	
72 26.6	19.4 29.2





#33

1,2-Dichloroethane-d4

Concen: 50.527 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN076659.D

Acq: 14 Feb 2023 14:05

Instrument :

MSVOA_N

ClientSampleId :

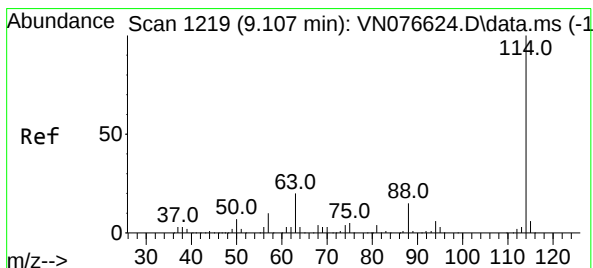
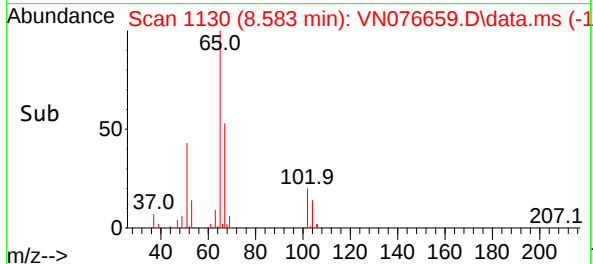
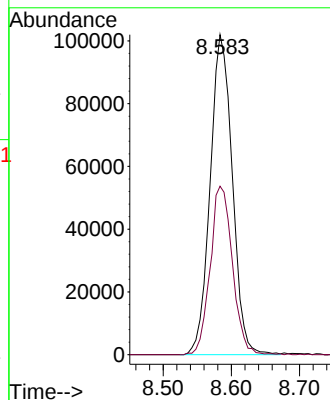
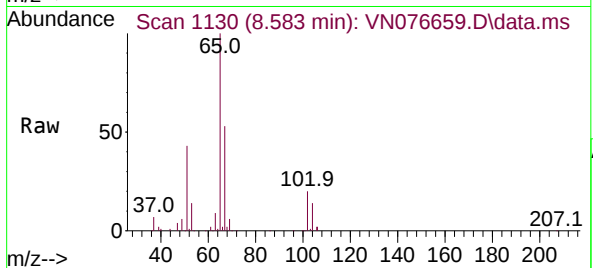
ASH

Tgt Ion: 65 Resp: 230768

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN076659.D

Acq: 14 Feb 2023 14:05

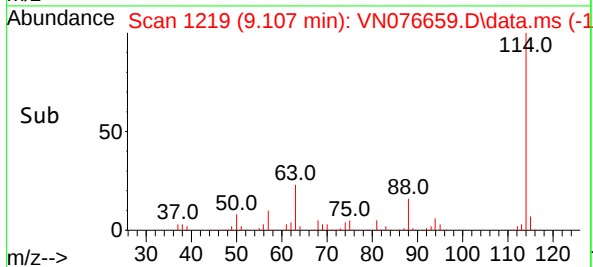
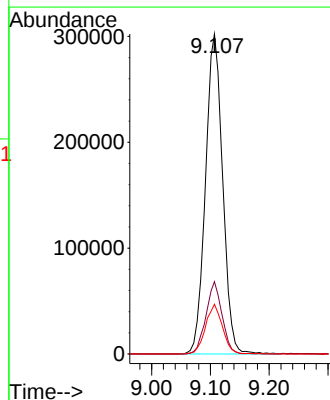
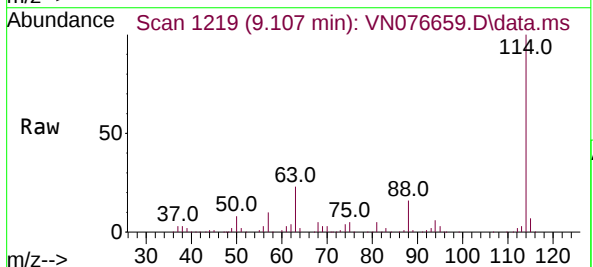
Tgt Ion: 114 Resp: 615138

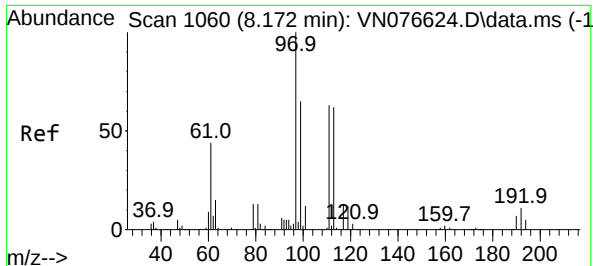
Ion Ratio Lower Upper

114 100

63 22.6 0.0 40.0

88 15.6 0.0 29.6





#35

Dibromofluoromethane

Concen: 45.595 ug/l

RT: 8.177 min Scan# 1060

Delta R.T. 0.006 min

Lab File: VN076659.D

Acq: 14 Feb 2023 14:05

Instrument :

MSVOA_N

ClientSampleId :

ASH

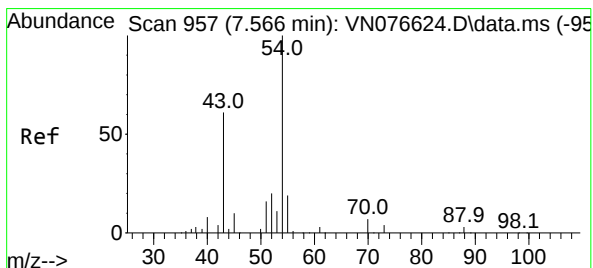
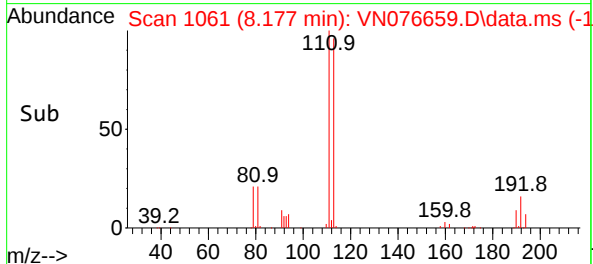
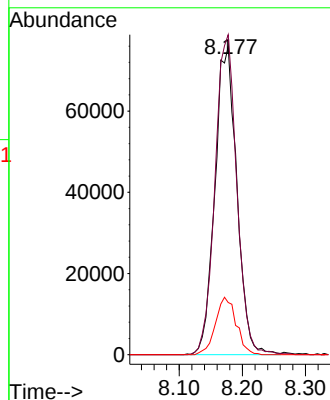
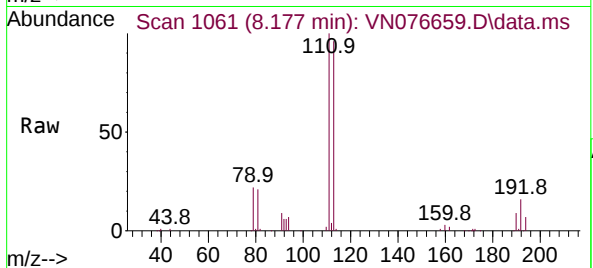
Tgt Ion:113 Resp: 183676

Ion Ratio Lower Upper

113 100

111 102.9 83.1 124.7

192 17.6 15.6 23.4



#37

Ethyl Acetate

Concen: 8.220 ug/l

RT: 7.572 min Scan# 958

Delta R.T. 0.006 min

Lab File: VN076659.D

Acq: 14 Feb 2023 14:05

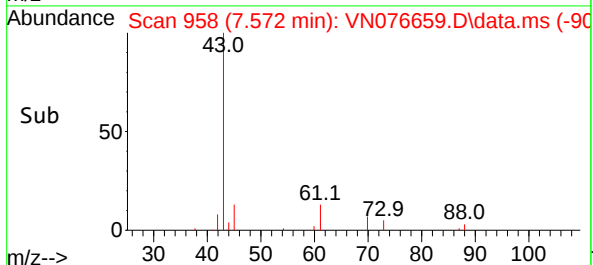
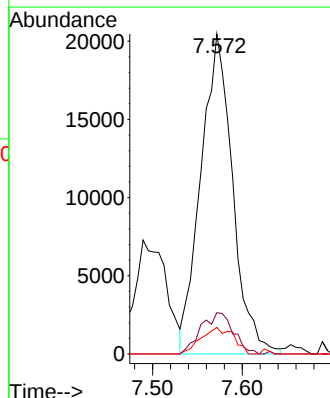
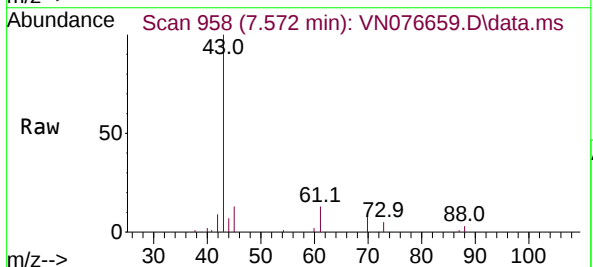
Tgt Ion: 43 Resp: 50339

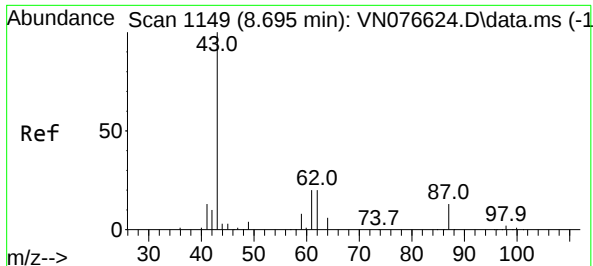
Ion Ratio Lower Upper

43 100

61 13.1 9.9 14.9

70 8.4 7.8 11.6





#43

Isopropyl Acetate

Concen: 36.803 ug/l

RT: 8.689 min Scan# 1148

Delta R.T. -0.006 min

Lab File: VN076659.D

Acq: 14 Feb 2023 14:05

Instrument :

MSVOA_N

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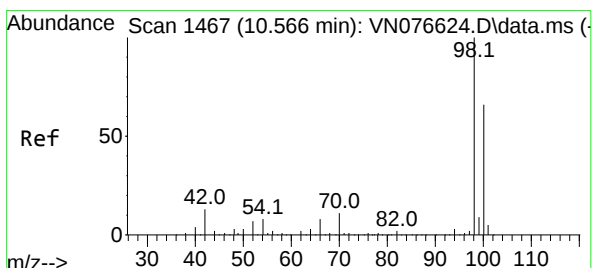
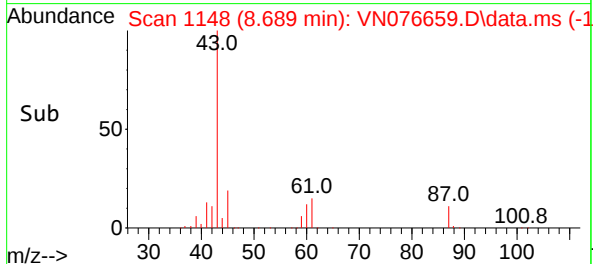
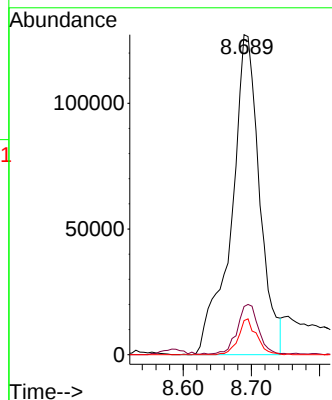
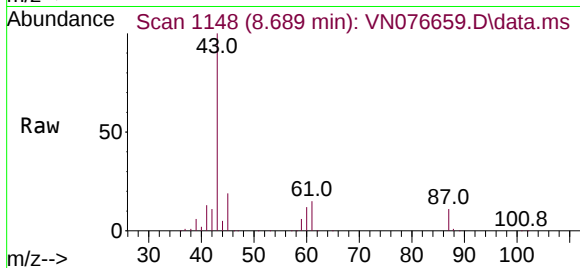
Tgt Ion: 43 Resp: 366734

Ion Ratio Lower Upper

43 100

61 11.6 20.0 30.0#

87 7.2 9.9 14.9#



#50

Toluene-d8

Concen: 50.634 ug/l

RT: 10.571 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN076659.D

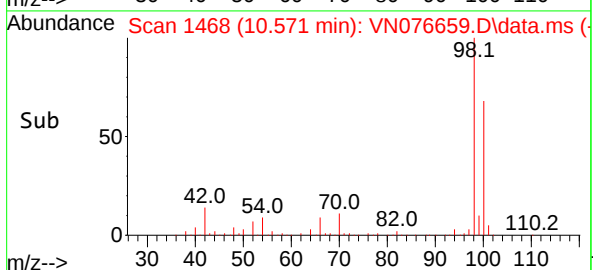
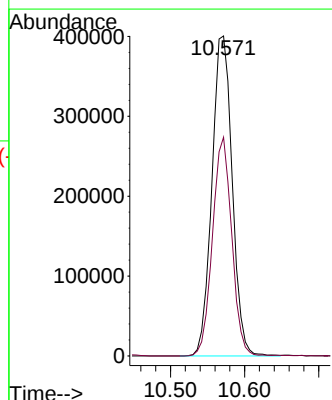
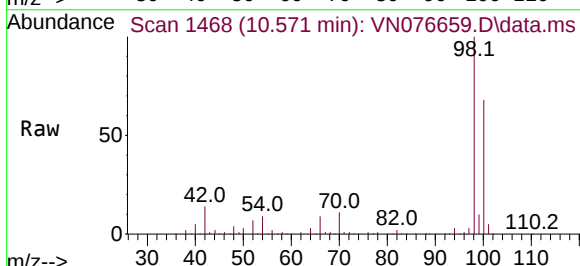
Acq: 14 Feb 2023 14:05

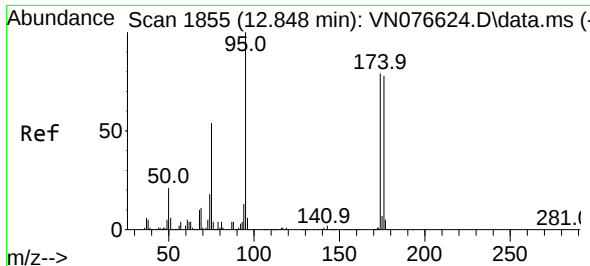
Tgt Ion: 98 Resp: 761763

Ion Ratio Lower Upper

98 100

100 64.8 52.9 79.3

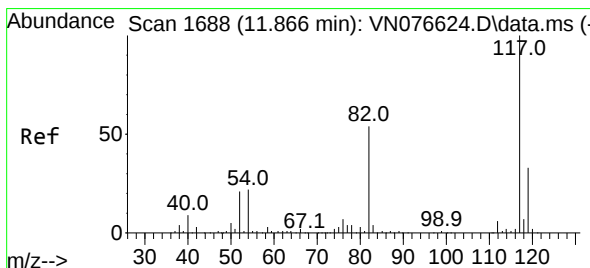
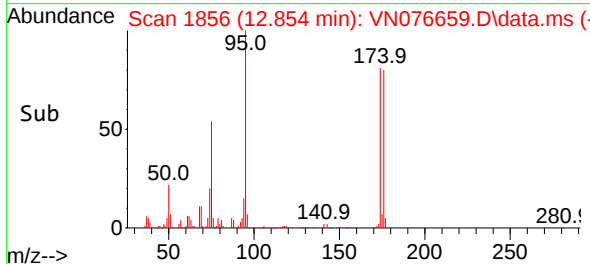
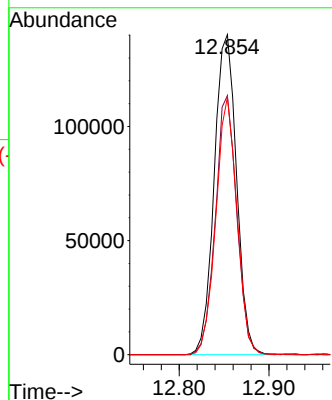
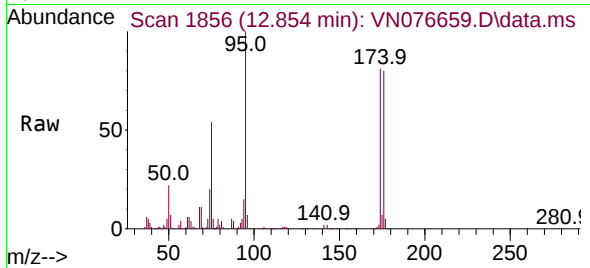




#62
4-Bromofluorobenzene
Concen: 48.560 ug/l
RT: 12.854 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN076659.D
Acq: 14 Feb 2023 14:05

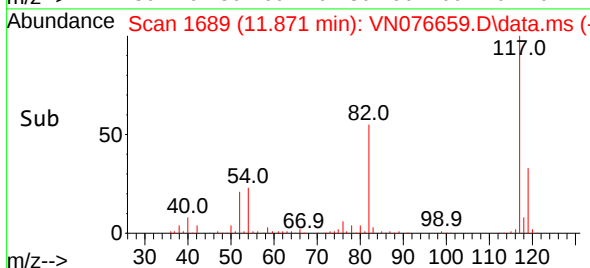
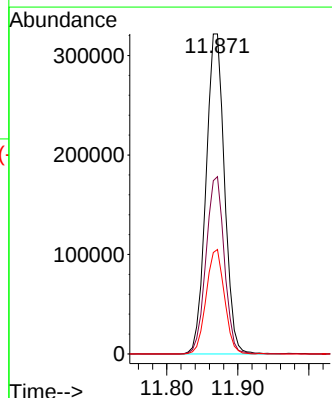
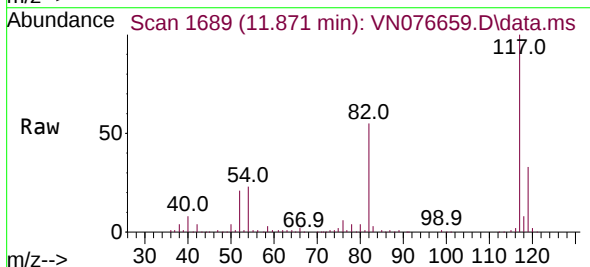
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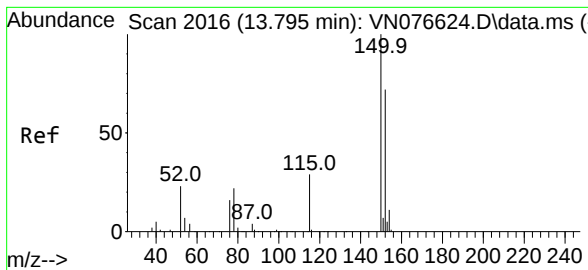
Tgt Ion: 95 Resp: 241963
Ion Ratio Lower Upper
95 100
174 77.7 0.0 169.2
176 75.9 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN076659.D
Acq: 14 Feb 2023 14:05

Tgt Ion: 117 Resp: 582596
Ion Ratio Lower Upper
117 100
82 55.3 43.4 65.2
119 32.7 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN076659.D
 Acq: 14 Feb 2023 14:05

Instrument :
 MSVOA_N
 ClientSampleId :
 ASH

Tgt Ion:	152	Resp:	229092
Ion Ratio	Lower	Upper	
152	100		
115	60.9	29.3	87.9
150	158.4	0.0	349.8

