

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122022\
 Data File : VN075896.D
 Acq On : 20 Dec 2022 14:11
 Operator : JC\MD
 Sample : N6129-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 C3

Quant Time: Dec 21 01:28:10 2022
 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)

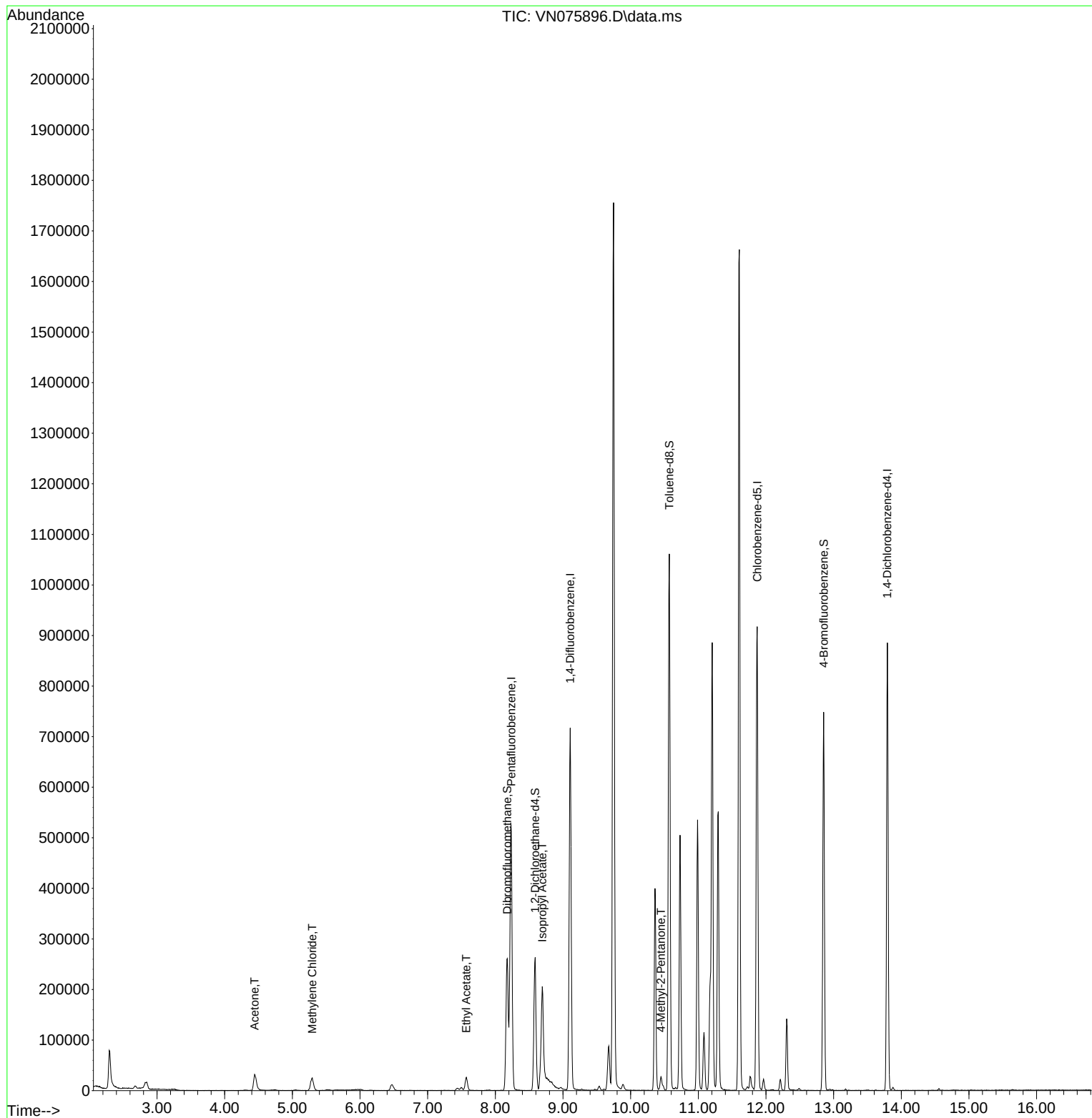
Internal Standards						
1) Pentafluorobenzene	8.235	168	417598	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	656067	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	572281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	245810	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	207582	45.692	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.380%
35) Dibromofluoromethane	8.177	113	191344	47.095	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.200%
50) Toluene-d8	10.571	98	761047	50.099	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.200%
62) 4-Bromofluorobenzene	12.853	95	247135	49.119	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.240%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	60382	38.556	ug/l	100
20) Methylene Chloride	5.294	84	21239	4.487	ug/l	95
37) Ethyl Acetate	7.571	43	37311	8.606	ug/l	99
43) Isopropyl Acetate	8.694	43	251861	35.219	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	24547	5.676	ug/l #	79

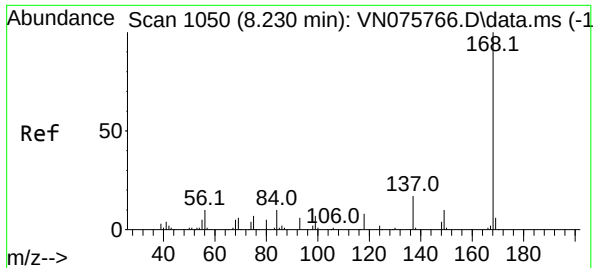
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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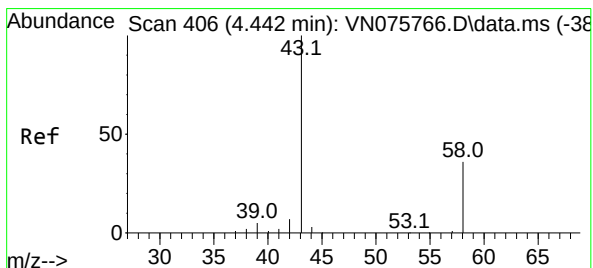
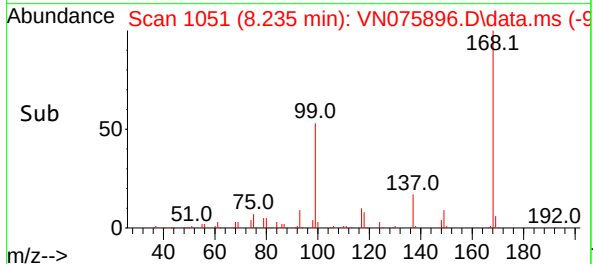
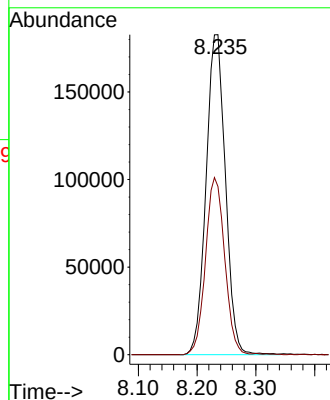
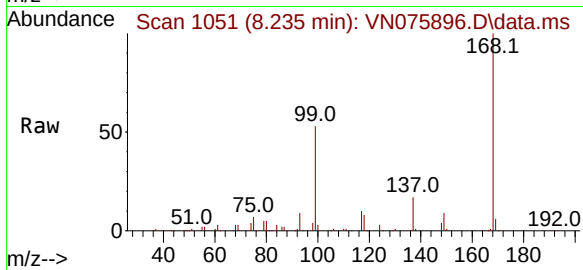




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. 0.005 min
Lab File: VN075896.D
Acq: 20 Dec 2022 14:11

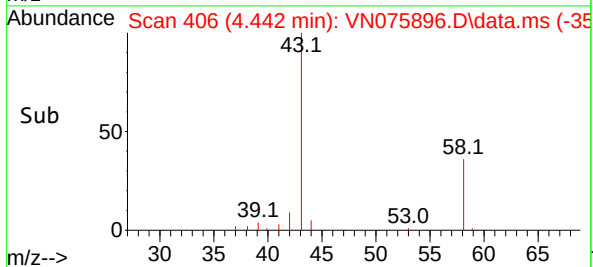
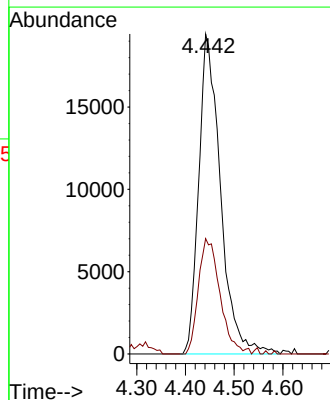
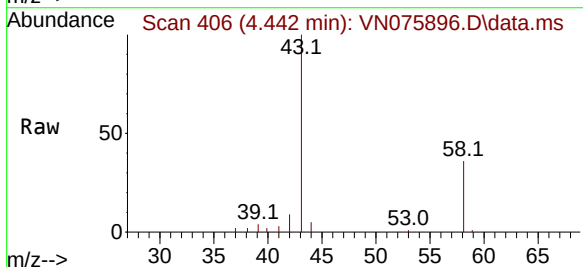
Instrument :
MSVOA_N
ClientSampleId :
C3

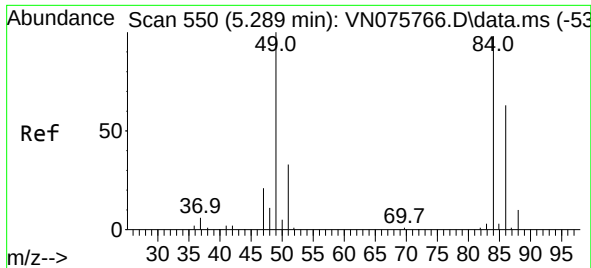
Tgt Ion:168 Resp: 417598
Ion Ratio Lower Upper
168 100
99 52.6 44.2 66.4



#16
Acetone
Concen: 38.556 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075896.D
Acq: 20 Dec 2022 14:11

Tgt Ion: 43 Resp: 60382
Ion Ratio Lower Upper
43 100
58 36.0 28.6 43.0

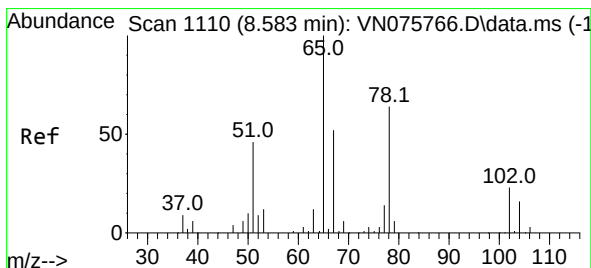
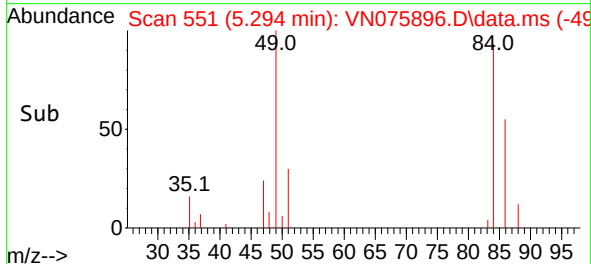
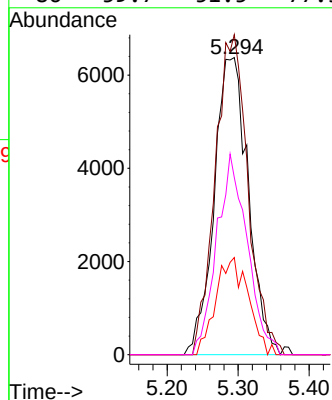
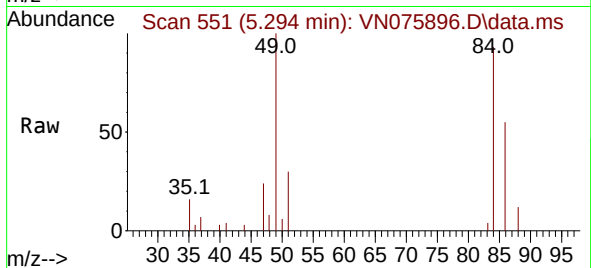




#20
Methylene Chloride
Concen: 4.487 ug/l
RT: 5.294 min Scan# 511
Delta R.T. 0.005 min
Lab File: VN075896.D
Acq: 20 Dec 2022 14:11

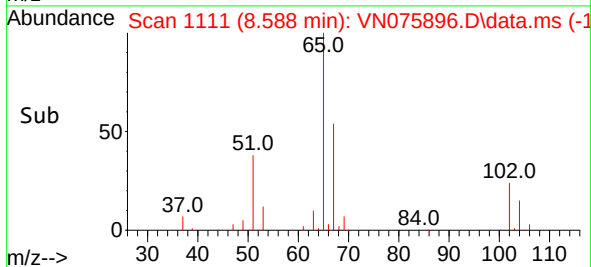
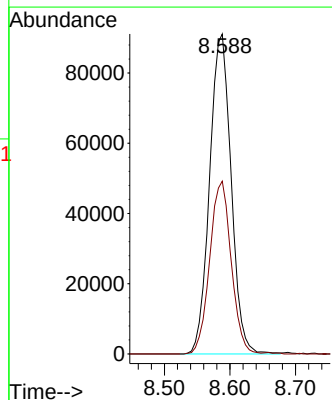
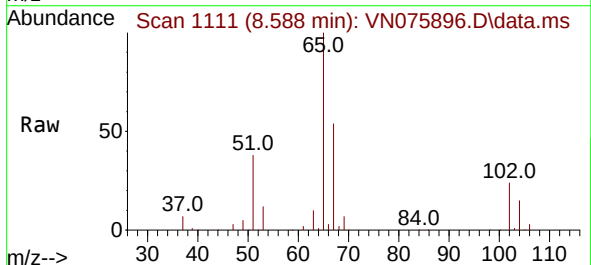
Instrument :
MSVOA_N
ClientSampleId :
C3

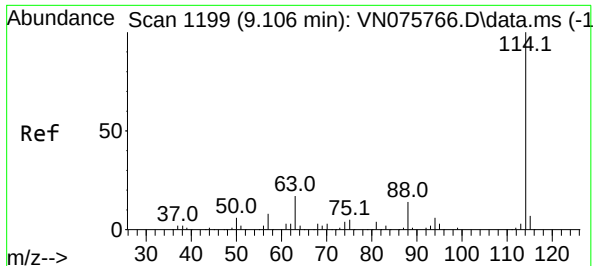
Tgt Ion: 84	Resp: 21239
Ion Ratio	Lower Upper
84 100	
49 107.7	81.8 122.6
51 32.7	26.7 40.1
86 59.7	51.5 77.3



#33
1,2-Dichloroethane-d4
Concen: 45.692 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN075896.D
Acq: 20 Dec 2022 14:11

Tgt Ion: 65	Resp: 207582
Ion Ratio	Lower Upper
65 100	
67 53.9	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: VN075896.D

Acq: 20 Dec 2022 14:11

Instrument :

MSVOA_N

ClientSampleId :

C3

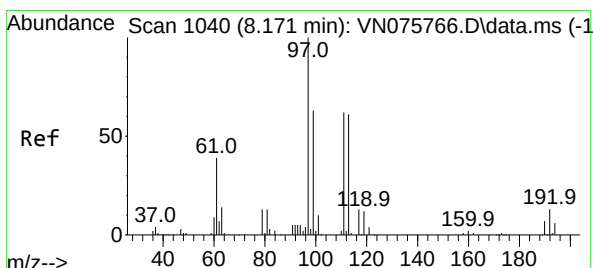
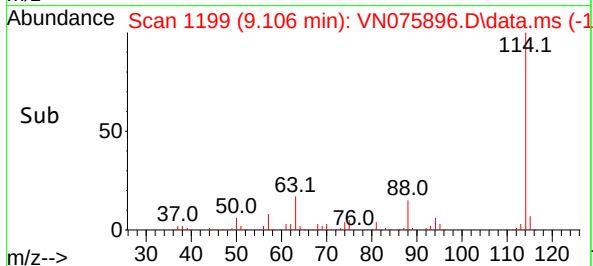
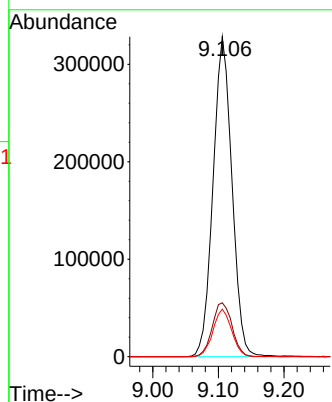
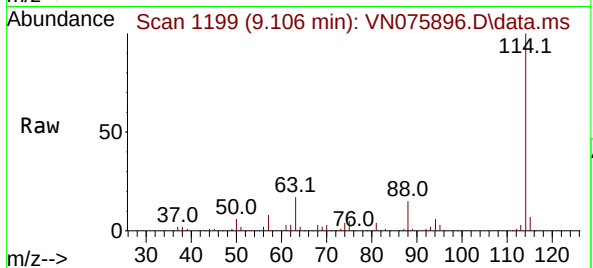
Tgt Ion:114 Resp: 656067

Ion Ratio Lower Upper

114 100

63 16.8 0.0 34.4

88 14.9 0.0 28.8



#35

Dibromofluoromethane

Concen: 47.095 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075896.D

Acq: 20 Dec 2022 14:11

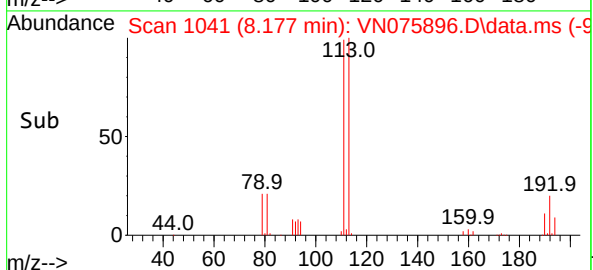
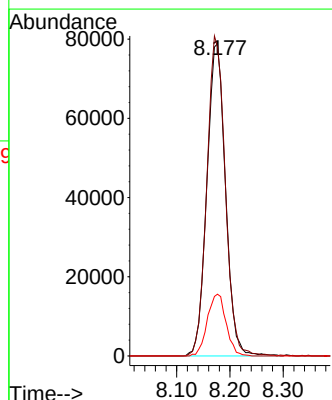
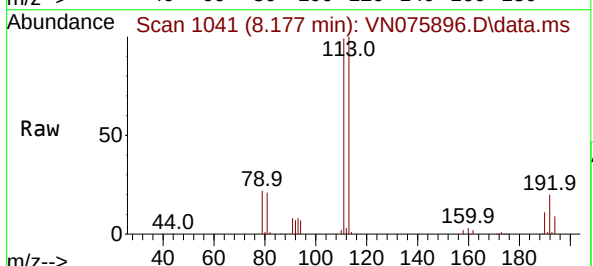
Tgt Ion:113 Resp: 191344

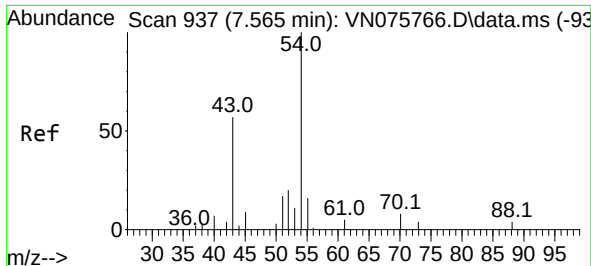
Ion Ratio Lower Upper

113 100

111 101.4 83.4 125.2

192 19.9 16.1 24.1





#37

Ethyl Acetate

Concen: 8.606 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075896.D

Acq: 20 Dec 2022 14:11

Instrument :

MSVOA_N

ClientSampleId :

C3

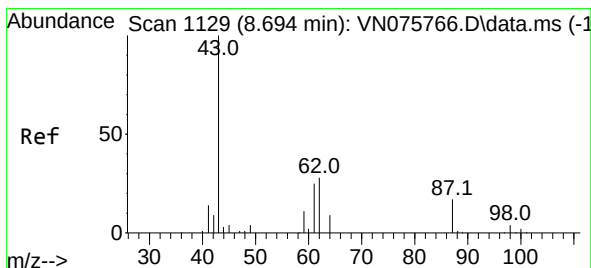
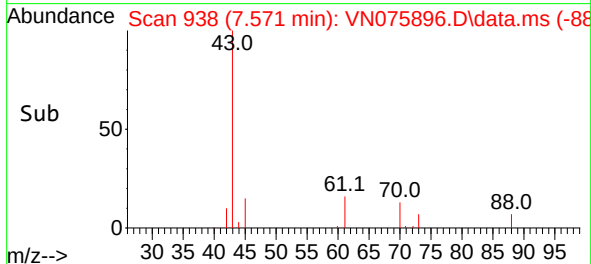
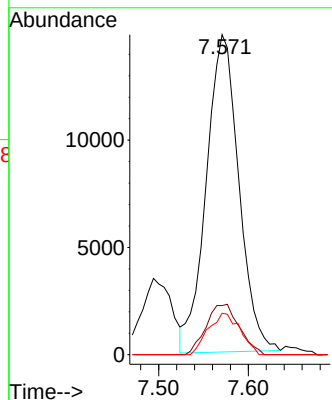
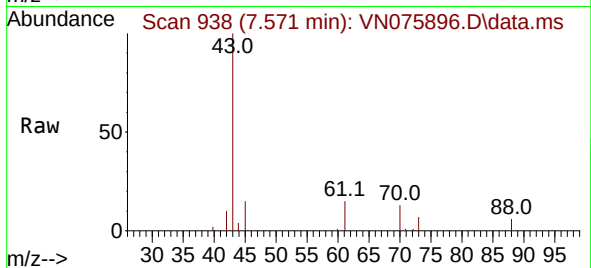
Tgt Ion: 43 Resp: 37311

Ion Ratio Lower Upper

43 100

61 16.2 13.0 19.4

70 12.7 9.4 14.0



#43

Isopropyl Acetate

Concen: 35.219 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN075896.D

Acq: 20 Dec 2022 14:11

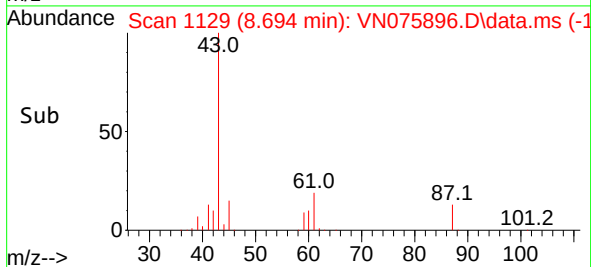
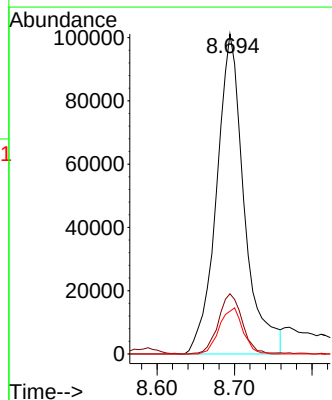
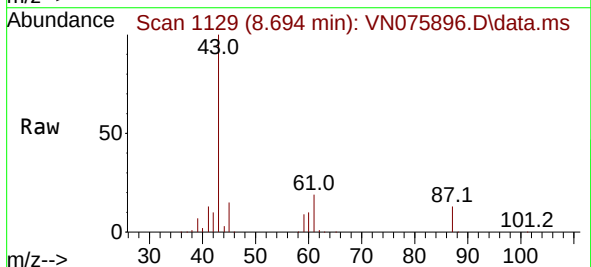
Tgt Ion: 43 Resp: 251861

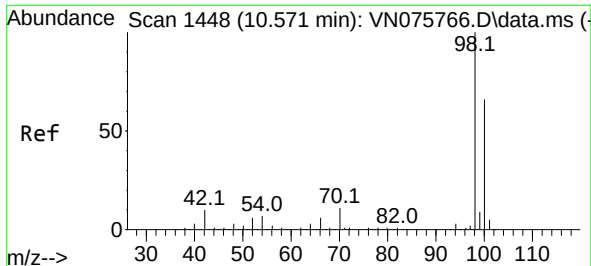
Ion Ratio Lower Upper

43 100

61 16.3 24.2 36.4#

87 12.1 13.3 19.9#

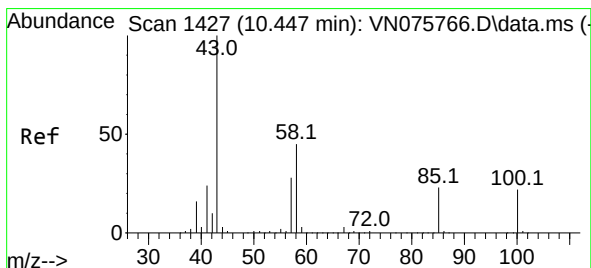
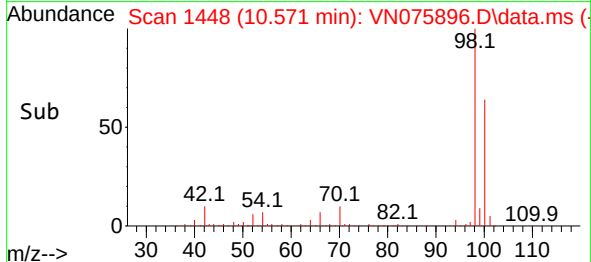
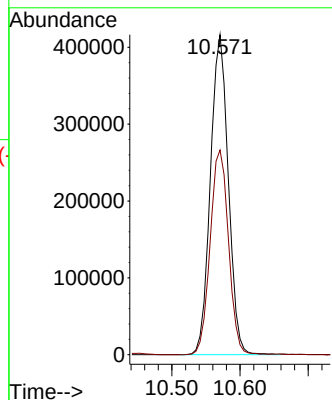
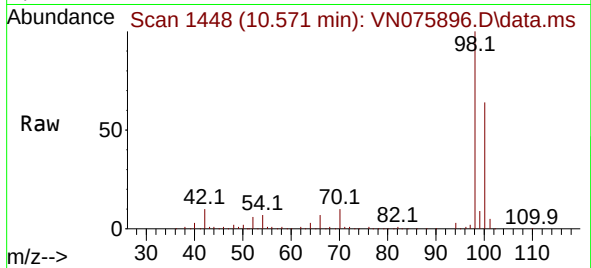




#50
Toluene-d8
Concen: 50.099 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075896.D
Acq: 20 Dec 2022 14:11

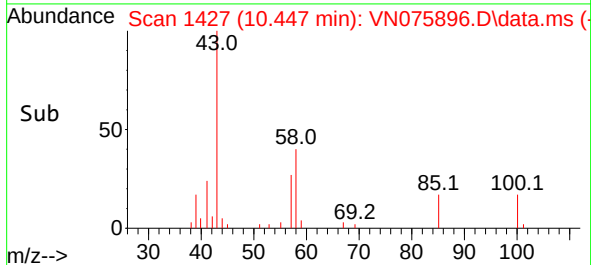
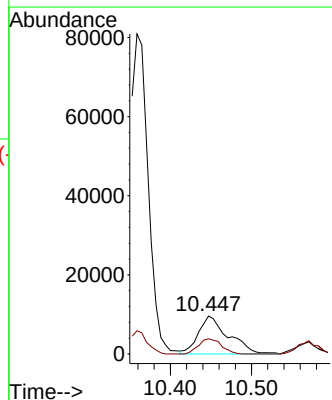
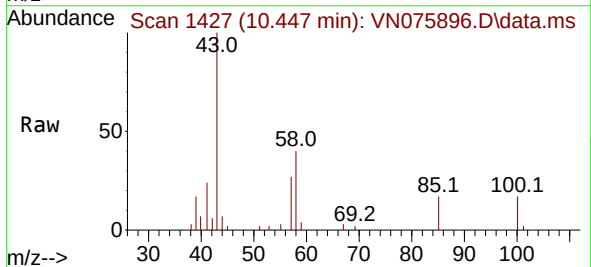
Instrument :
MSVOA_N
ClientSampleId :
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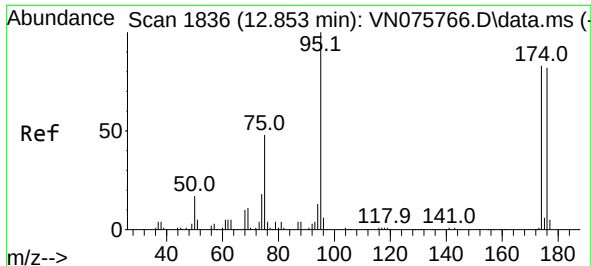
Tgt Ion: 98 Resp: 761047
Ion Ratio Lower Upper
98 100
100 65.5 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 5.676 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN075896.D
Acq: 20 Dec 2022 14:11

Tgt Ion: 43 Resp: 24547
Ion Ratio Lower Upper
43 100
58 30.6 35.5 53.3#

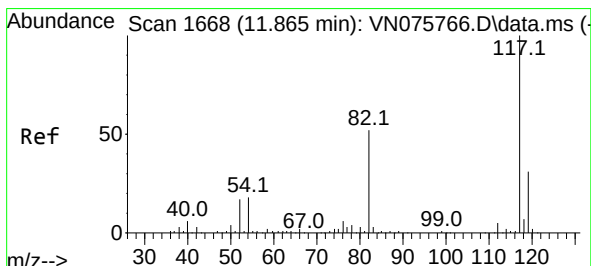
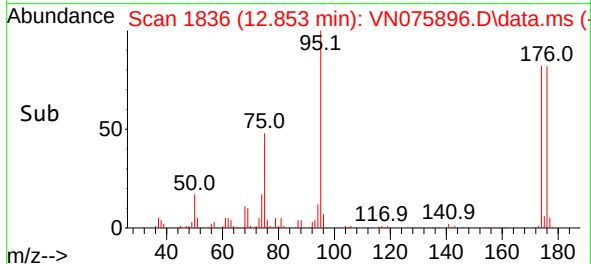
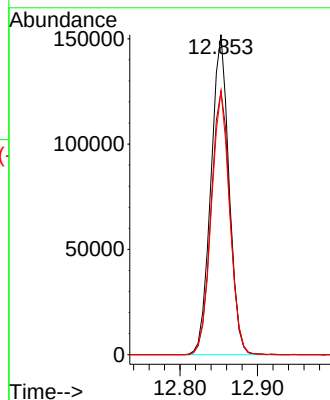
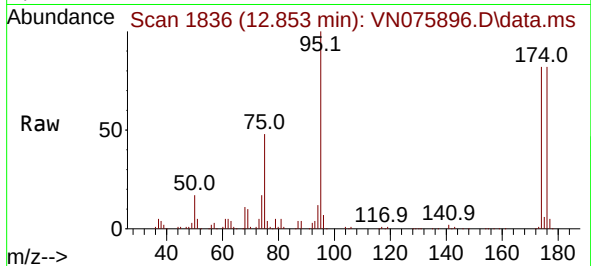




#62
4-Bromofluorobenzene
Concen: 49.119 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075896.D
Acq: 20 Dec 2022 14:11

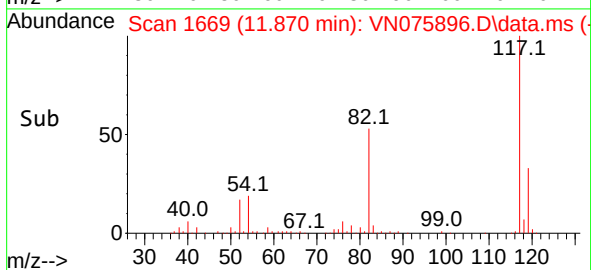
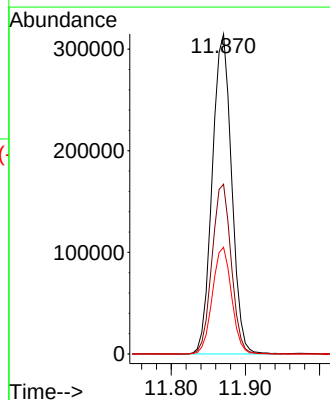
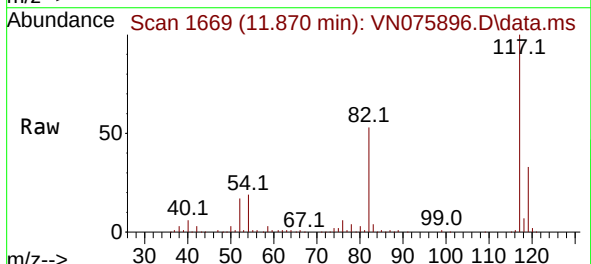
Instrument :
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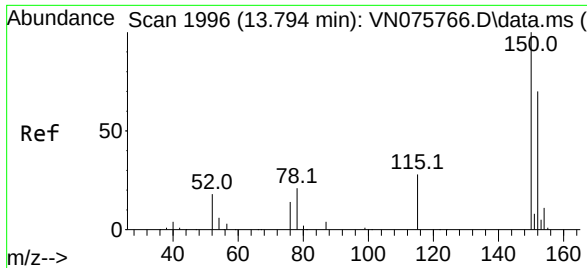
Tgt Ion: 95 Resp: 247135
Ion Ratio Lower Upper
95 100
174 85.5 0.0 171.6
176 83.2 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075896.D
Acq: 20 Dec 2022 14:11

Tgt Ion: 117 Resp: 572281
Ion Ratio Lower Upper
117 100
82 53.0 41.3 61.9
119 33.4 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: VN075896.D
 Acq: 20 Dec 2022 14:11

Instrument :
 MSVOA_N
 ClientSampleId :
 C3

Tgt Ion:152 Resp: 245810
 Ion Ratio Lower Upper
 152 100
 115 58.8 29.1 87.4
 150 159.3 0.0 347.0

