

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122022\
 Data File : VN075895.D
 Acq On : 20 Dec 2022 13:47
 Operator : JC\MD
 Sample : PB149742TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB149742TB

Quant Time: Dec 21 01:27:59 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)

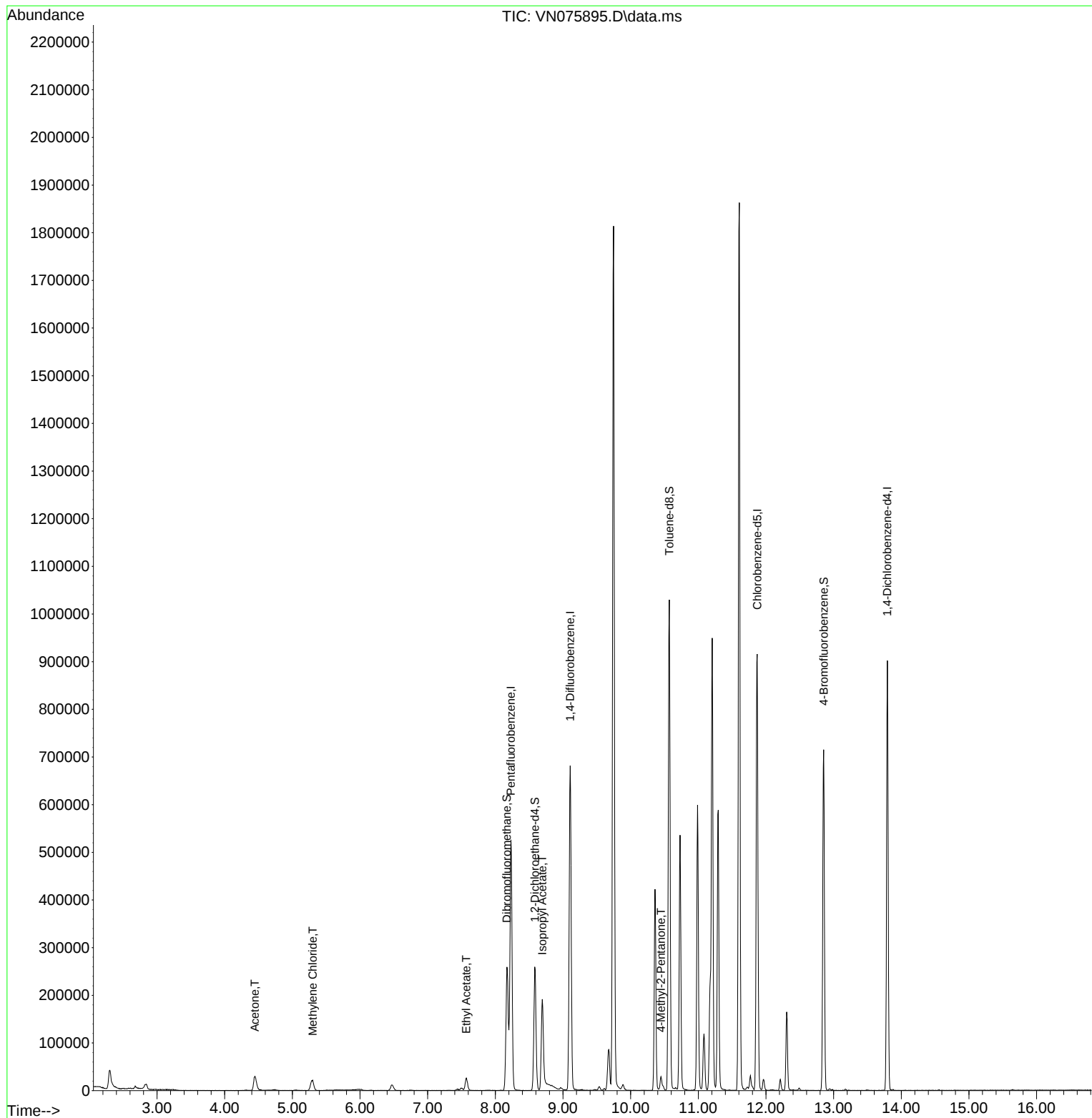
Internal Standards						
1) Pentafluorobenzene	8.229	168	413870	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	642533	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	570035	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	251349	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	204450	45.408	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.820%
35) Dibromofluoromethane	8.171	113	187841	47.207	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.420%
50) Toluene-d8	10.570	98	740342	49.763	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.520%
62) 4-Bromofluorobenzene	12.853	95	243073	49.329	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.660%
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	57637	37.135	ug/l	98
20) Methylene Chloride	5.300	84	19078	4.006	ug/l	99
37) Ethyl Acetate	7.571	43	38690	9.112	ug/l	96
43) Isopropyl Acetate	8.694	43	225320	32.171	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	23851	5.631	ug/l #	81

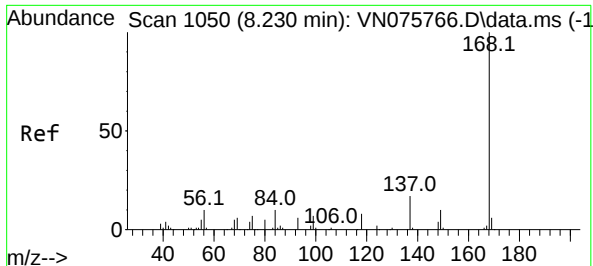
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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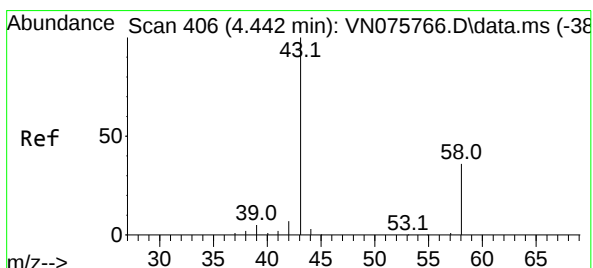
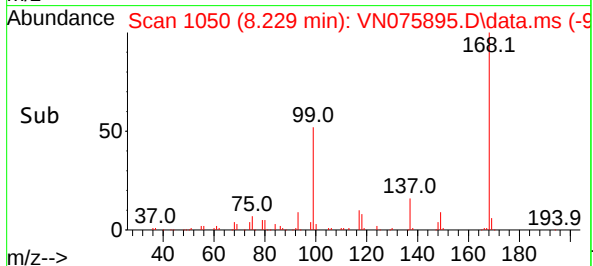
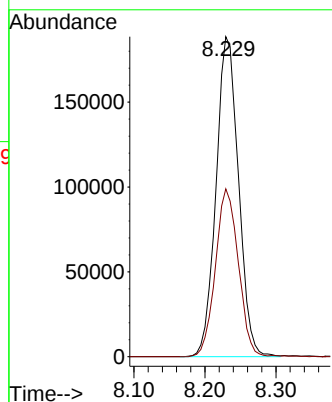
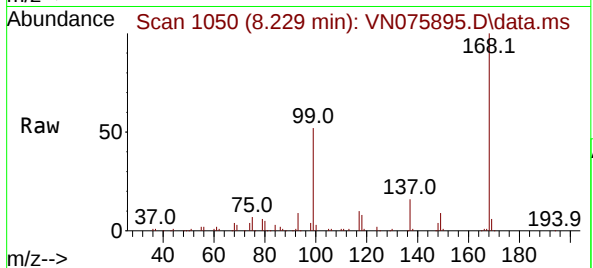




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075895.D
Acq: 20 Dec 2022 13:47

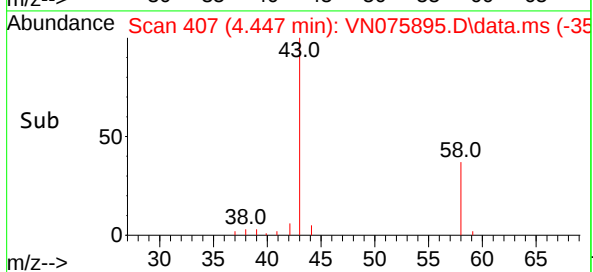
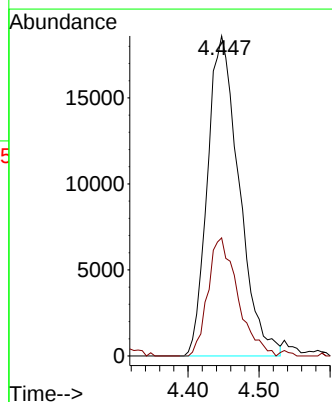
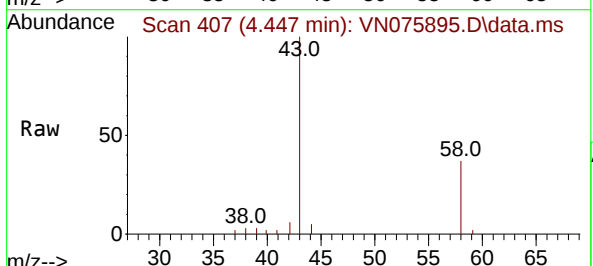
Instrument :
MSVOA_N
ClientSampleId :
PB149742TB

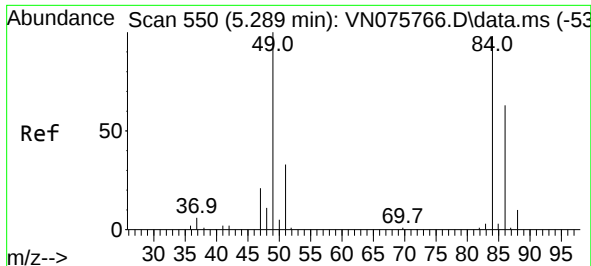
Tgt Ion:168 Resp: 413870
Ion Ratio Lower Upper
168 100
99 52.4 44.2 66.4



#16
Acetone
Concen: 37.135 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN075895.D
Acq: 20 Dec 2022 13:47

Tgt Ion: 43 Resp: 57637
Ion Ratio Lower Upper
43 100
58 36.9 28.6 43.0



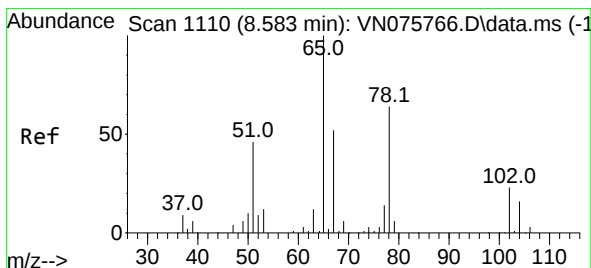
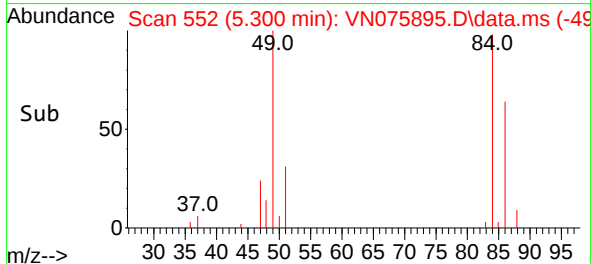
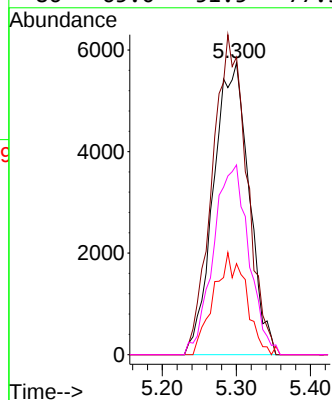
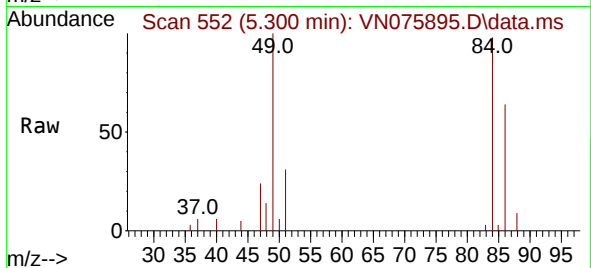


#20
Methylene Chloride
Concen: 4.006 ug/l
RT: 5.300 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN075895.D
Acq: 20 Dec 2022 13:47

Instrument :
MSVOA_N
ClientSampleId :
PB149742TB

Tgt Ion: 84 Resp: 19078

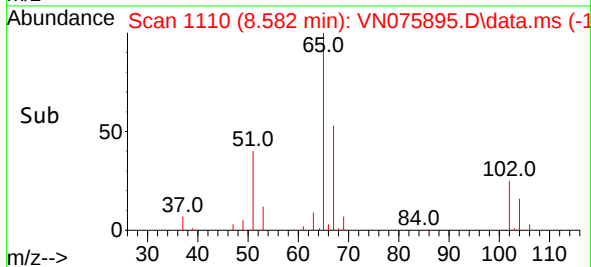
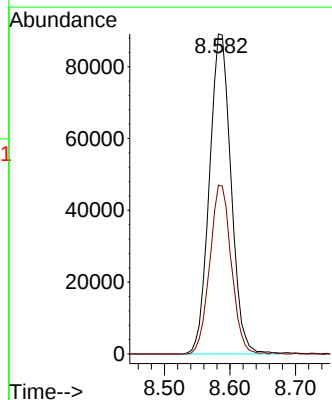
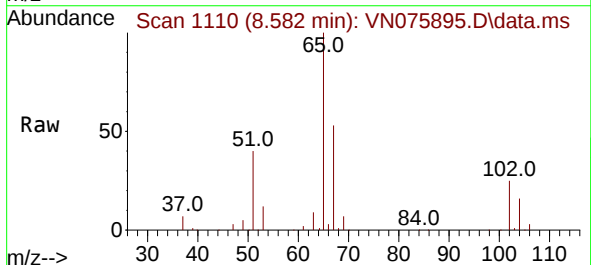
Ion	Ratio	Lower	Upper
84	100		
49	101.9	81.8	122.6
51	31.2	26.7	40.1
86	65.0	51.5	77.3



#33
1,2-Dichloroethane-d4
Concen: 45.408 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN075895.D
Acq: 20 Dec 2022 13:47

Tgt Ion: 65 Resp: 204450

Ion	Ratio	Lower	Upper
65	100		
67	52.4	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: VN075895.D

Acq: 20 Dec 2022 13:47

Instrument :

MSVOA_N

ClientSampleId :

PB149742TB

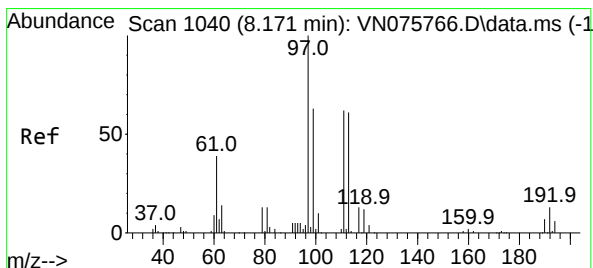
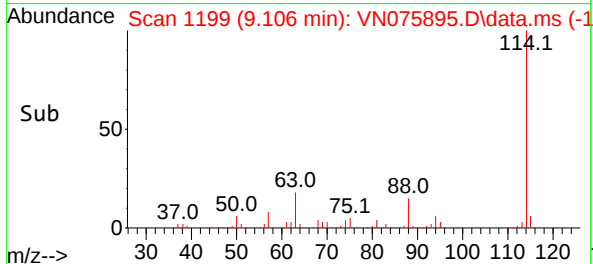
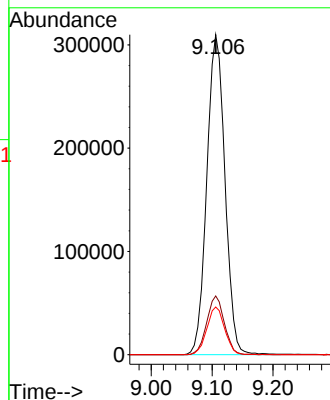
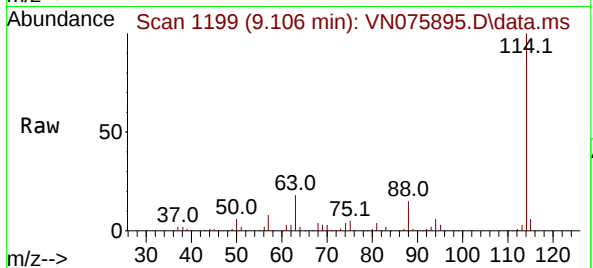
Tgt Ion:114 Resp: 642533

Ion Ratio Lower Upper

114 100

63 18.4 0.0 34.4

88 14.9 0.0 28.8



#35

Dibromofluoromethane

Concen: 47.207 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075895.D

Acq: 20 Dec 2022 13:47

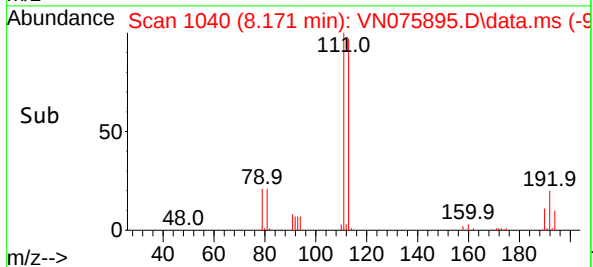
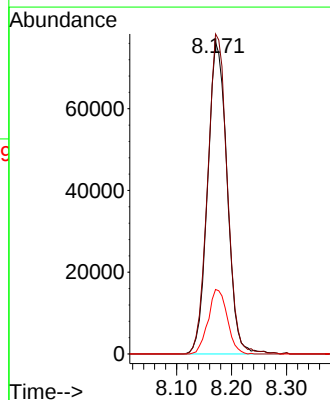
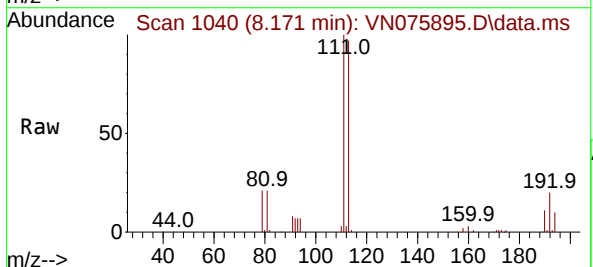
Tgt Ion:113 Resp: 187841

Ion Ratio Lower Upper

113 100

111 103.0 83.4 125.2

192 20.3 16.1 24.1

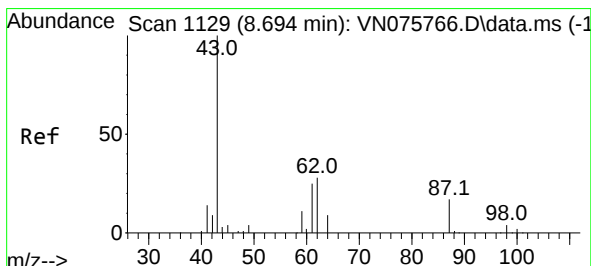
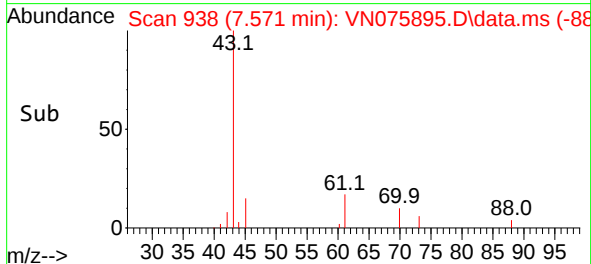
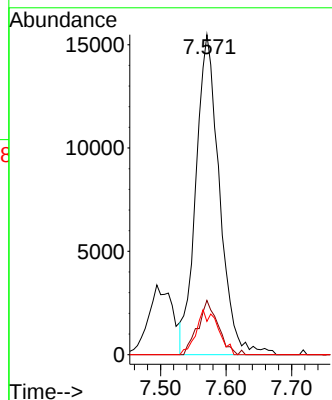
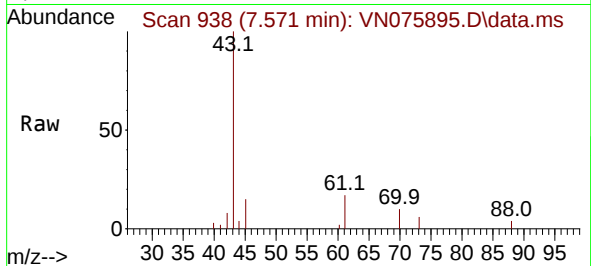




#37
Ethyl Acetate
Concen: 9.112 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075895.D
Acq: 20 Dec 2022 13:47

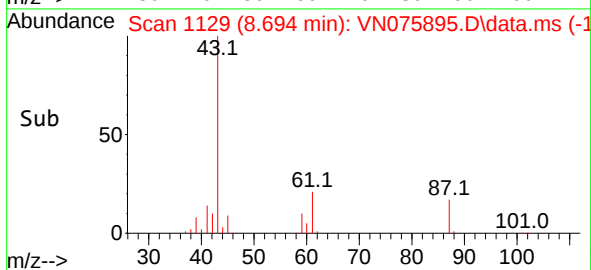
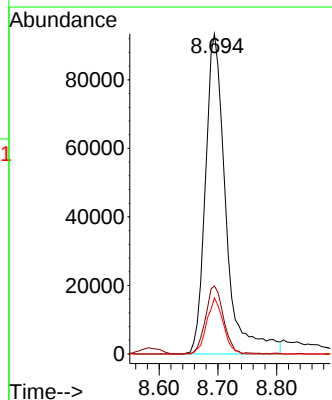
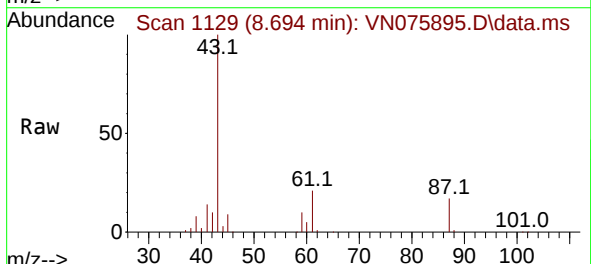
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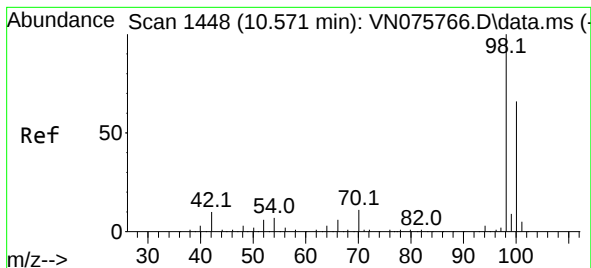
Tgt Ion: 43 Resp: 38690
Ion Ratio Lower Upper
43 100
61 14.4 13.0 19.4
70 12.9 9.4 14.0



#43
Isopropyl Acetate
Concen: 32.171 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN075895.D
Acq: 20 Dec 2022 13:47

Tgt Ion: 43 Resp: 225320
Ion Ratio Lower Upper
43 100
61 18.7 24.2 36.4#
87 14.2 13.3 19.9





#50

Toluene-d8

Concen: 49.763 ug/l

RT: 10.570 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075895.D

Acq: 20 Dec 2022 13:47

Instrument :

MSVOA_N

ClientSampleId :

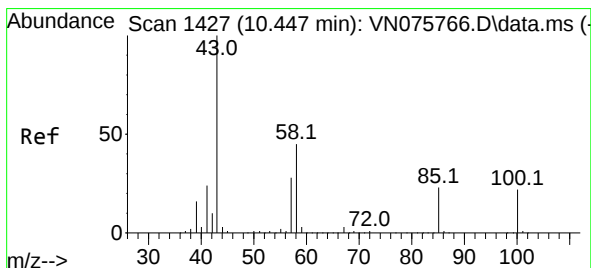
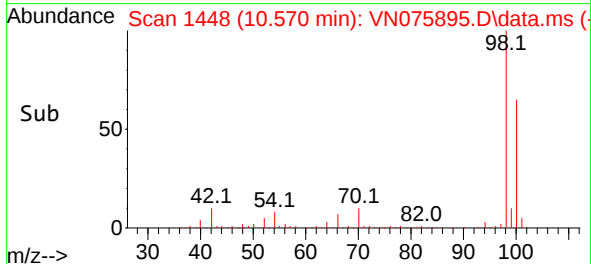
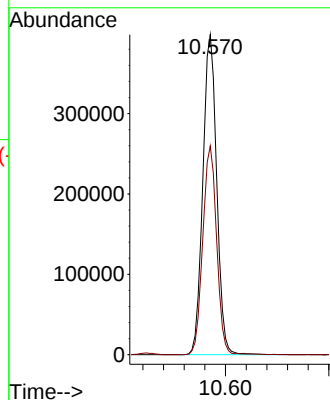
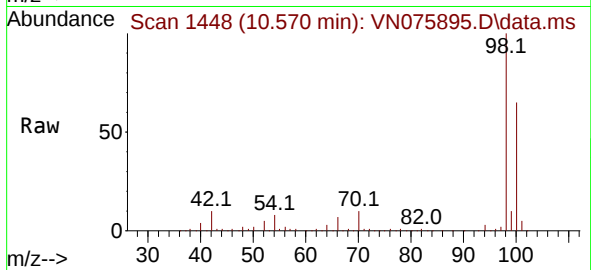
PB149742TB

Tgt Ion: 98 Resp: 740342

Ion Ratio Lower Upper

98 100

100 65.4 52.1 78.1



#51

4-Methyl-2-Pentanone

Concen: 5.631 ug/l

RT: 10.447 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VN075895.D

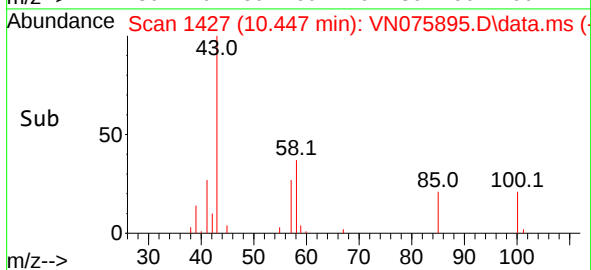
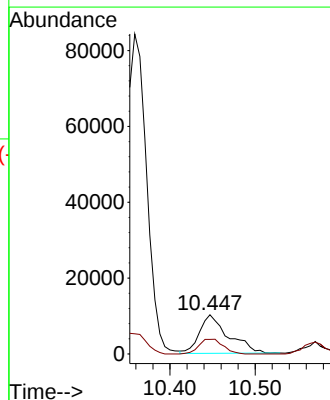
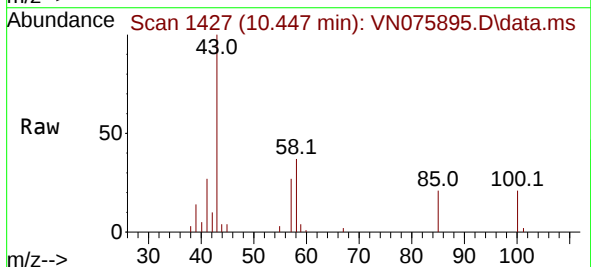
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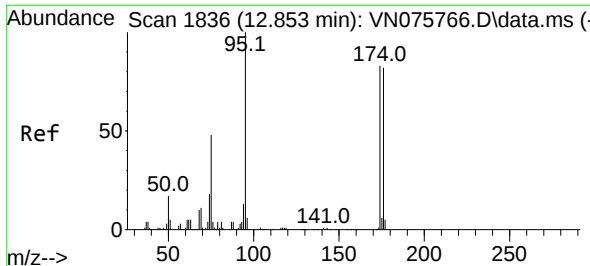
Tgt Ion: 43 Resp: 23851

Ion Ratio Lower Upper

43 100

58 32.3 35.5 53.3#

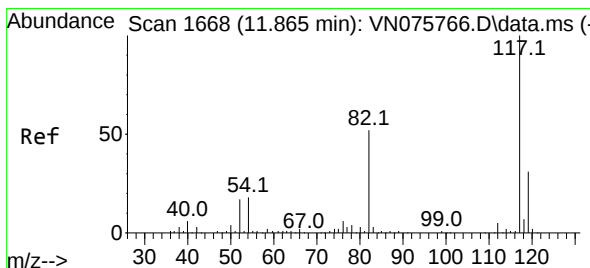
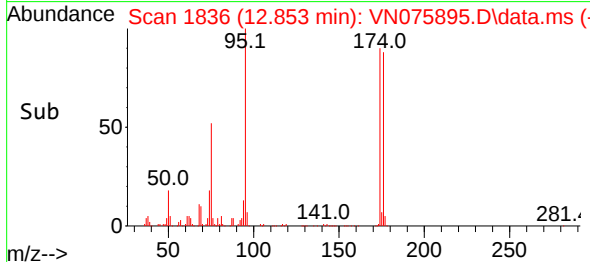
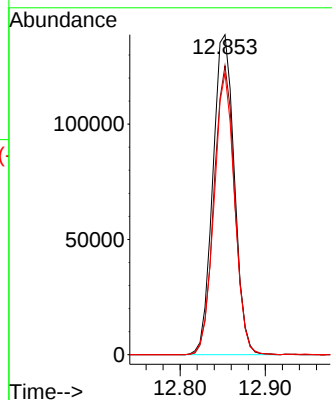
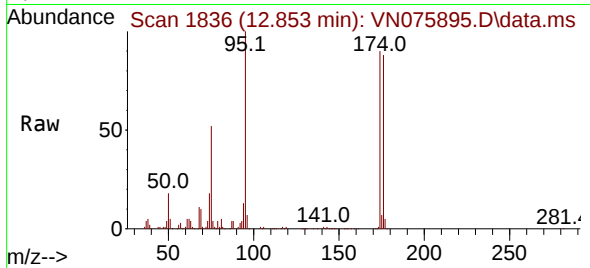




#62
4-Bromofluorobenzene
Concen: 49.329 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075895.D
Acq: 20 Dec 2022 13:47

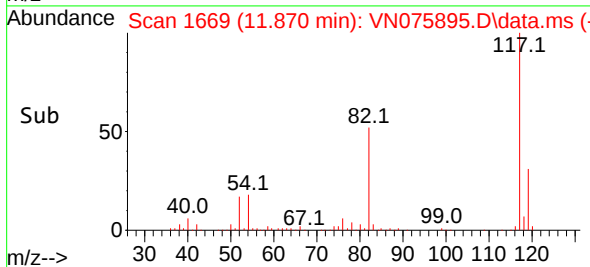
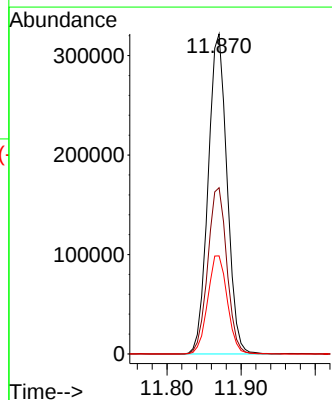
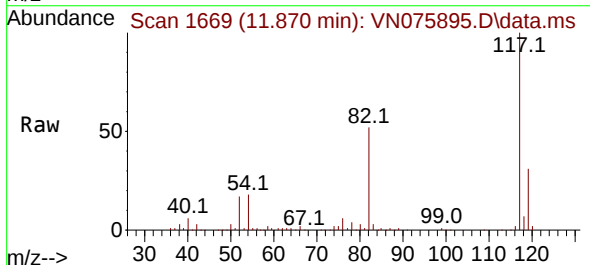
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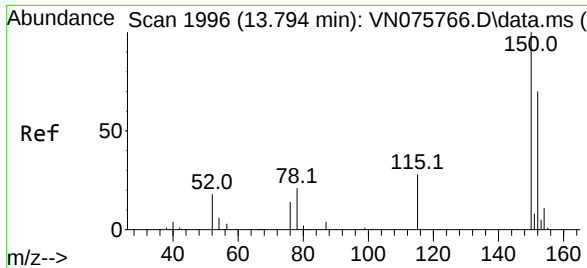
Tgt Ion: 95 Resp: 243073
Ion Ratio Lower Upper
95 100
174 86.6 0.0 171.6
176 83.8 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075895.D
Acq: 20 Dec 2022 13:47

Tgt Ion: 117 Resp: 570035
Ion Ratio Lower Upper
117 100
82 51.9 41.3 61.9
119 30.6 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: VN075895.D
 Acq: 20 Dec 2022 13:47

Instrument :
 MSVOA_N
 ClientSampleId :
 PB149742TB

Tgt Ion:152 Resp: 251349
 Ion Ratio Lower Upper
 152 100
 115 57.8 29.1 87.4
 150 157.0 0.0 347.0

