

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081623\
 Data File : VN078906.D
 Acq On : 16 Aug 2023 16:29
 Operator : JC\MD
 Sample : 04020-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 E-2

Quant Time: Aug 17 01:18:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

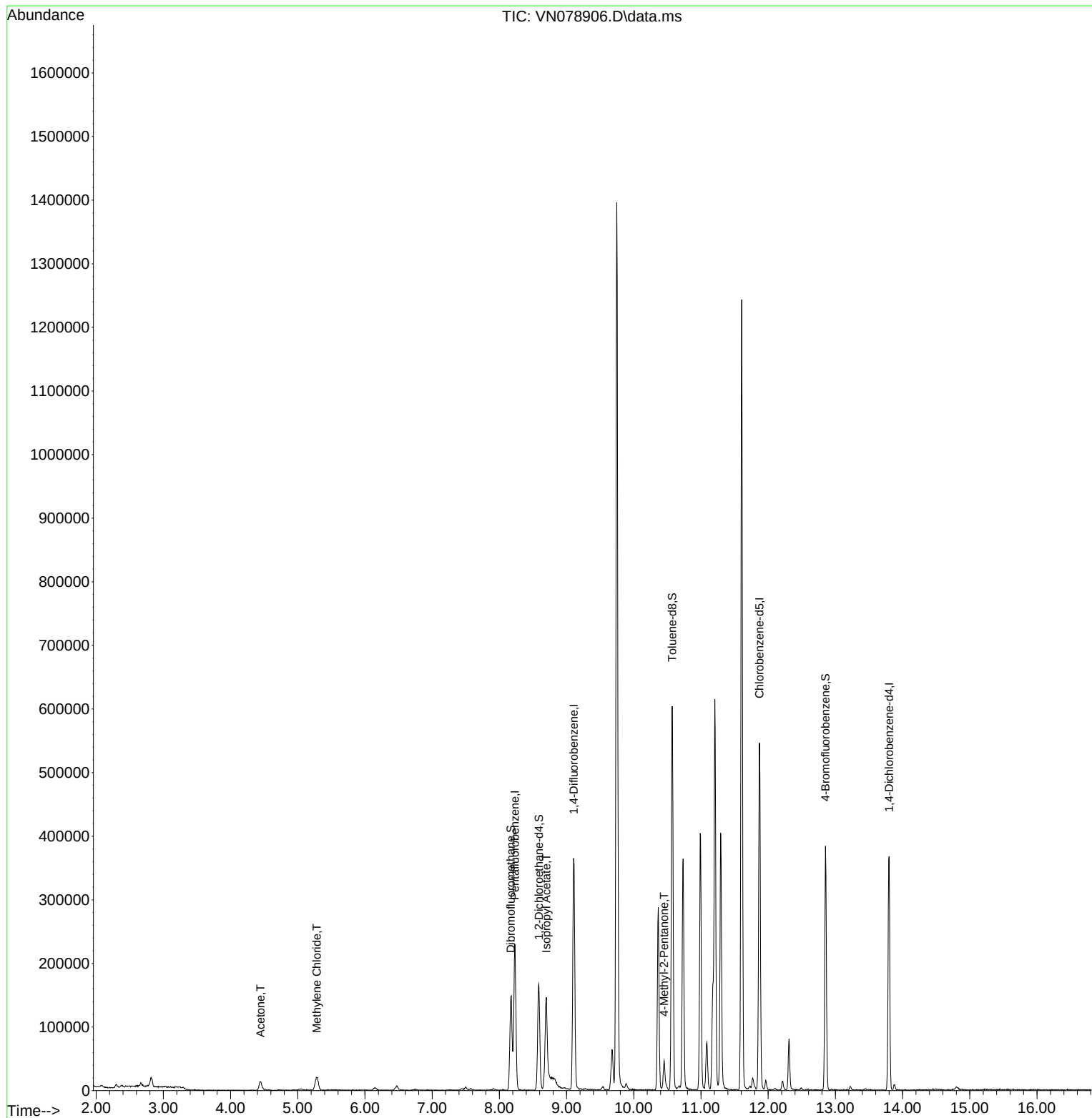
Internal Standards						
1) Pentafluorobenzene	8.229	168	156128	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	300716	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	305512	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	94864	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	133270	54.855	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.720%	
35) Dibromofluoromethane	8.171	113	104049	51.401	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.800%	
50) Toluene-d8	10.570	98	397617	52.901	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.800%	
62) 4-Bromofluorobenzene	12.853	95	124022	50.482	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.960%	
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	27100	27.034	ug/l	93
20) Methylene Chloride	5.283	84	15420	7.218	ug/l #	77
43) Isopropyl Acetate	8.700	43	186316	30.941	ug/l #	73
51) 4-Methyl-2-Pentanone	10.453	43	37811	10.587	ug/l #	78

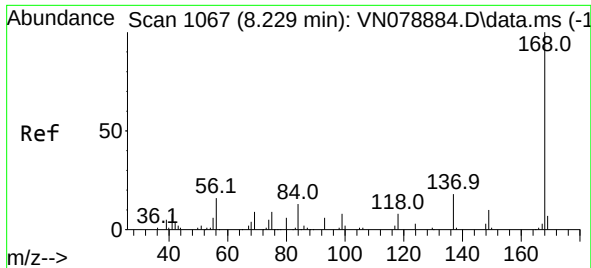
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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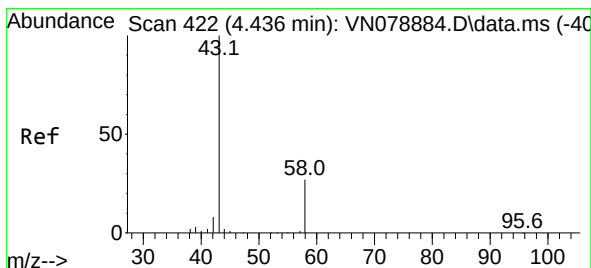
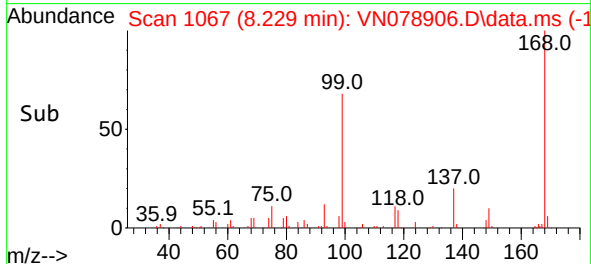
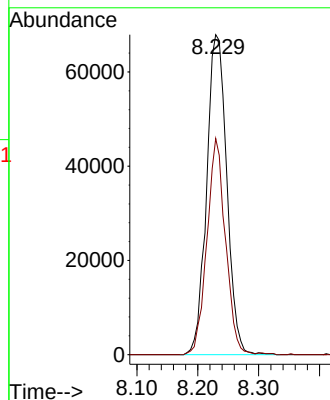
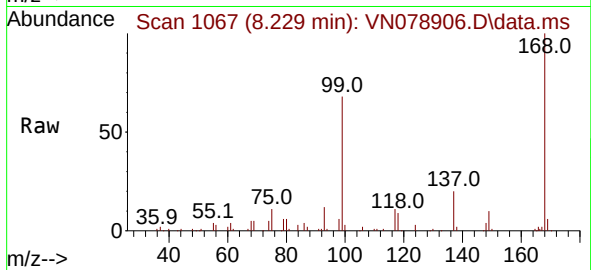




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN078906.D
Acq: 16 Aug 2023 16:29

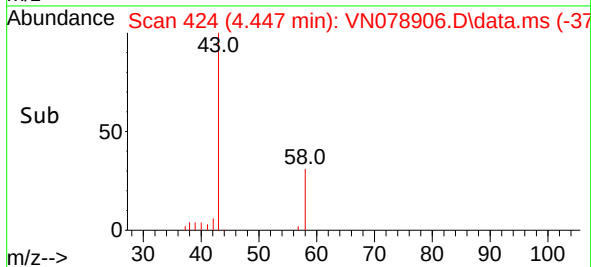
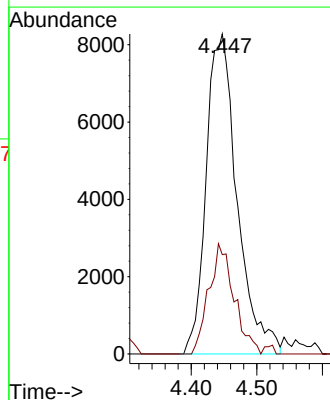
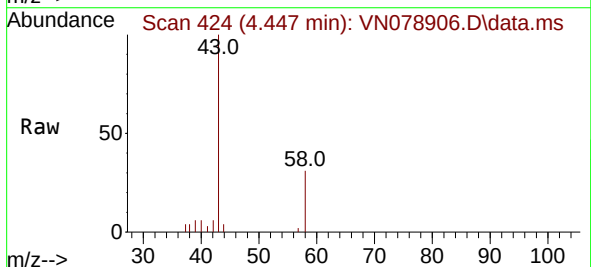
Instrument :
MSVOA_N
ClientSampleId :
E-2

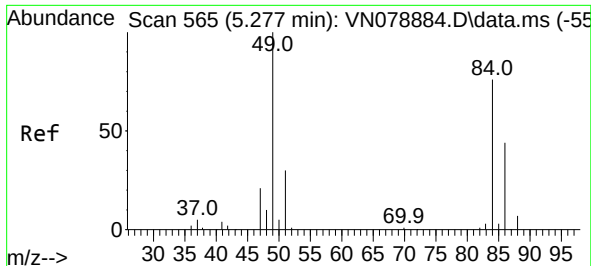
Tgt Ion:168 Resp: 156128
Ion Ratio Lower Upper
168 100
99 67.5 53.0 79.6



#16
Acetone
Concen: 27.034 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.005 min
Lab File: VN078906.D
Acq: 16 Aug 2023 16:29

Tgt Ion: 43 Resp: 27100
Ion Ratio Lower Upper
43 100
58 31.1 28.0 42.0

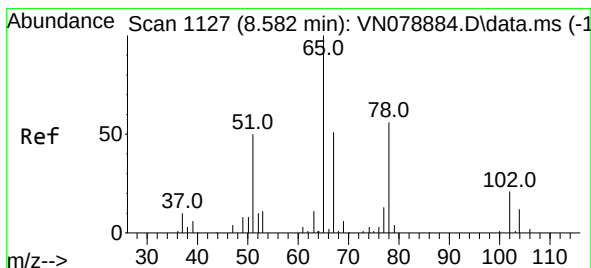
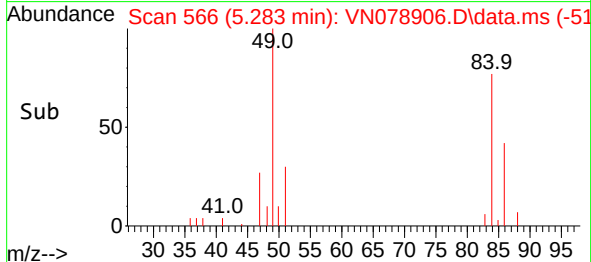
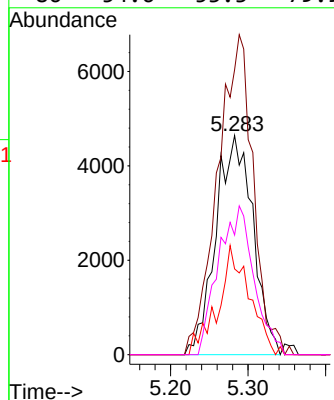
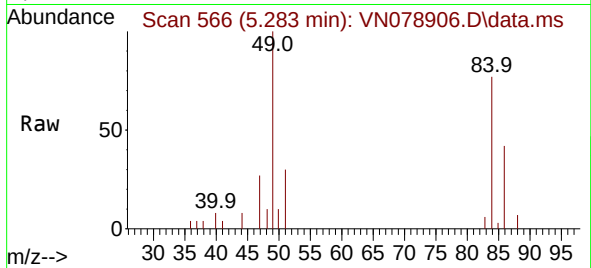




#20
Methylene Chloride
Concen: 7.218 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN078906.D
Acq: 16 Aug 2023 16:29

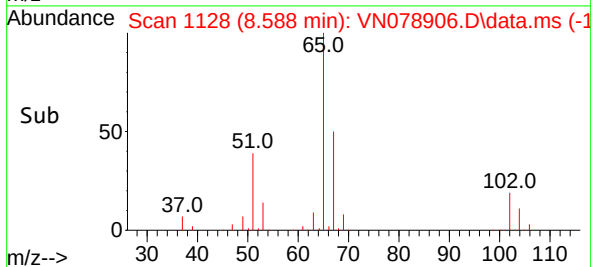
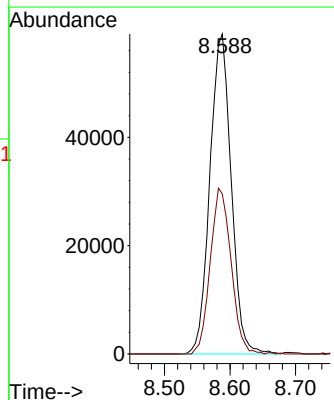
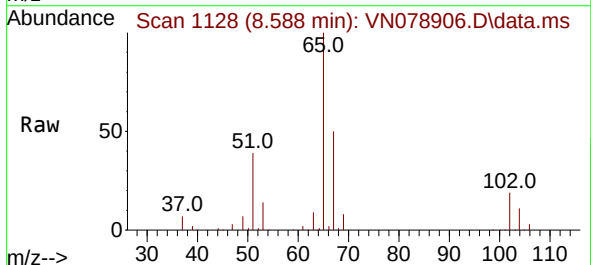
Instrument :
MSVOA_N
ClientSampleId :
E-2

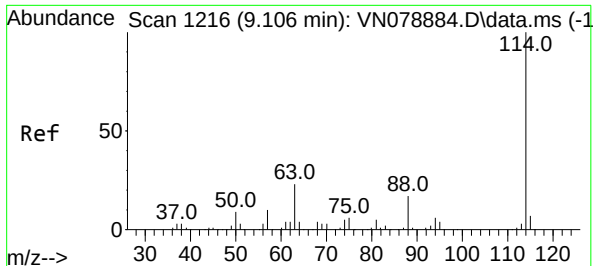
Tgt Ion:	84	Resp:	15420
Ion	Ratio	Lower	Upper
84	100		
49	130.0	79.7	119.5#
51	39.1	25.2	37.8#
86	54.6	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 54.855 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN078906.D
Acq: 16 Aug 2023 16:29

Tgt Ion:	65	Resp:	133270
Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN078906.D

Acq: 16 Aug 2023 16:29

Instrument :

MSVOA_N

ClientSampleId :

E-2

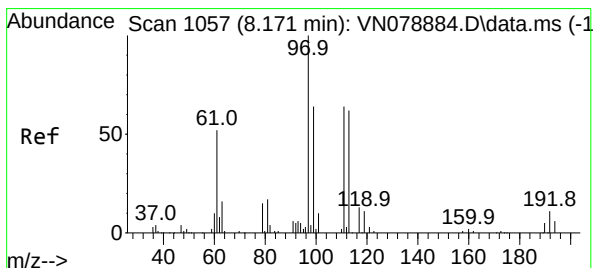
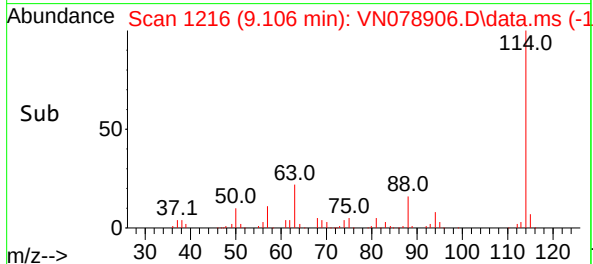
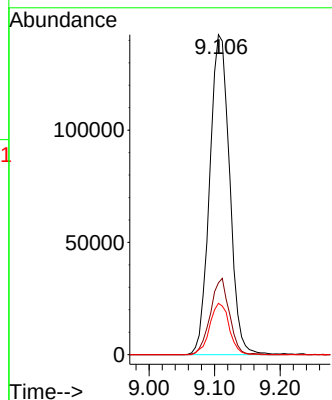
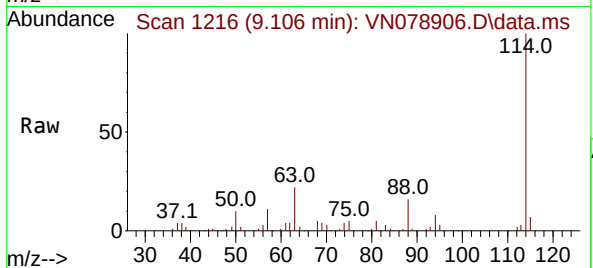
Tgt Ion:114 Resp: 300716

Ion Ratio Lower Upper

114 100

63 22.5 0.0 36.4

88 16.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.401 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN078906.D

Acq: 16 Aug 2023 16:29

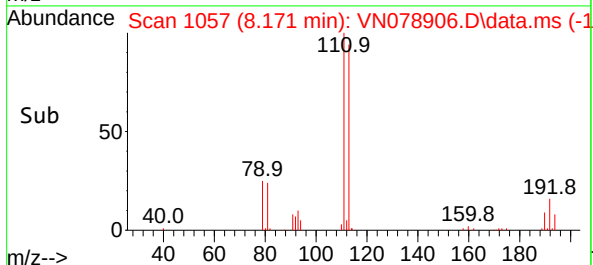
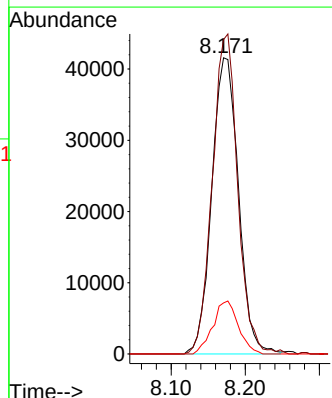
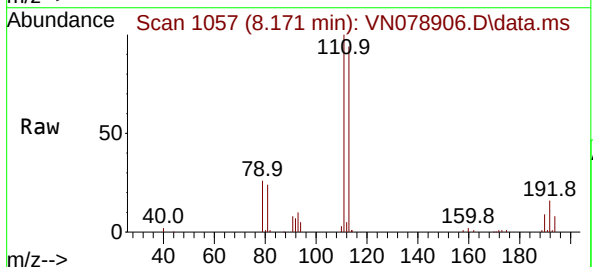
Tgt Ion:113 Resp: 104049

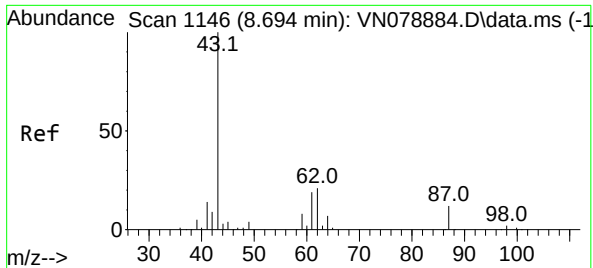
Ion Ratio Lower Upper

113 100

111 102.7 82.6 123.8

192 17.0 12.7 19.1

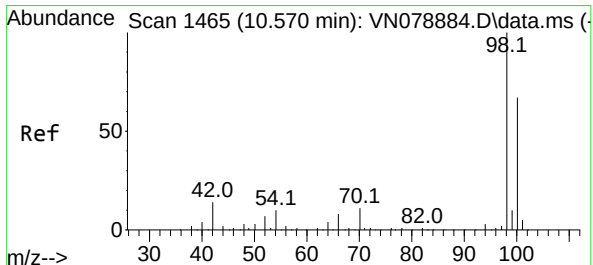
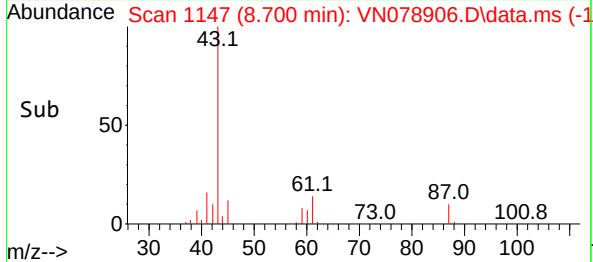
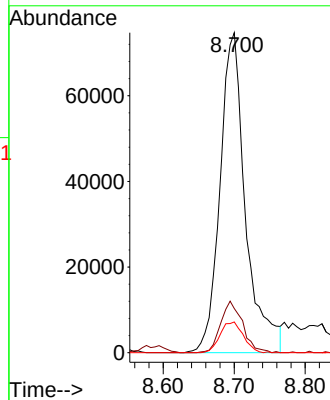
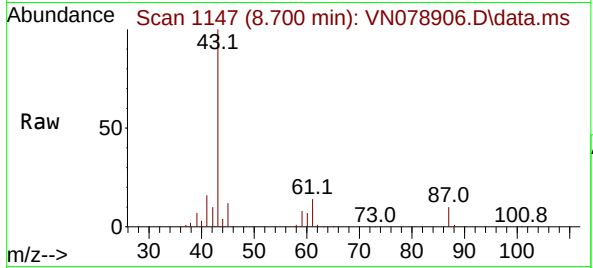




#43
Isopropyl Acetate
Concen: 30.941 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078906.D
Acq: 16 Aug 2023 16:29

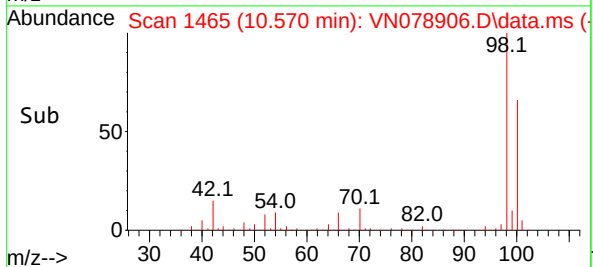
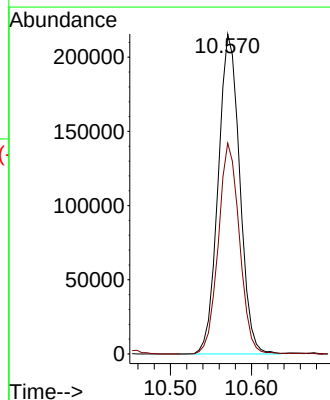
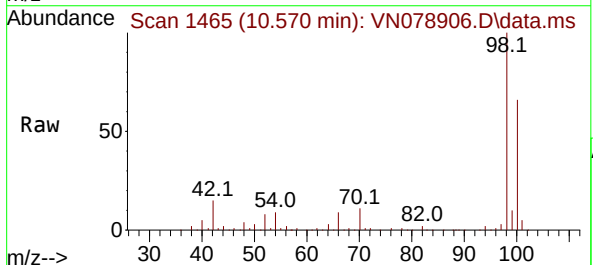
Instrument :
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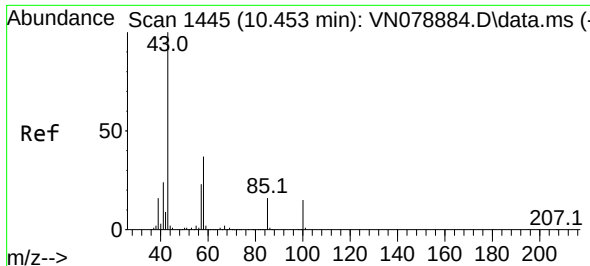
Tgt Ion: 43 Resp: 186316
Ion Ratio Lower Upper
43 100
61 13.9 24.7 37.1#
87 8.8 14.6 21.8#



#50
Toluene-d8
Concen: 52.901 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN078906.D
Acq: 16 Aug 2023 16:29

Tgt Ion: 98 Resp: 397617
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0

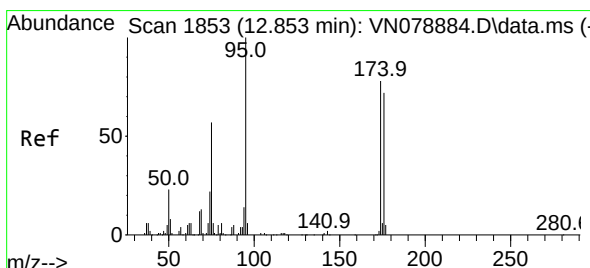
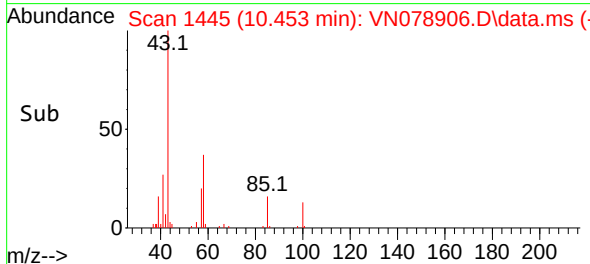
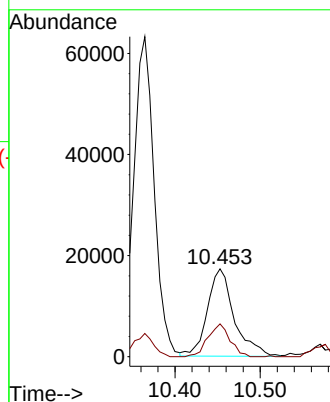
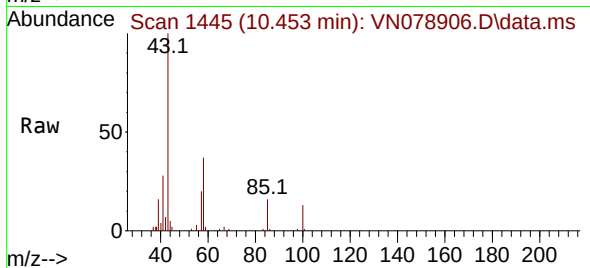




#51
4-Methyl-2-Pentanone
Concen: 10.587 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078906.D
Acq: 16 Aug 2023 16:29

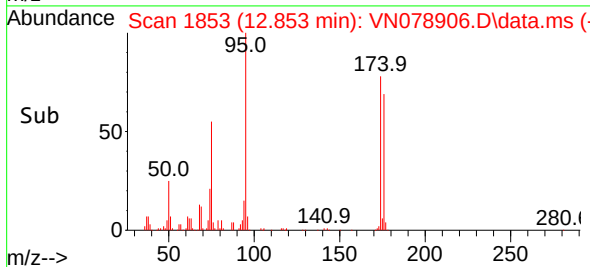
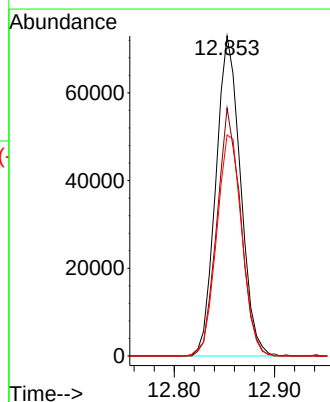
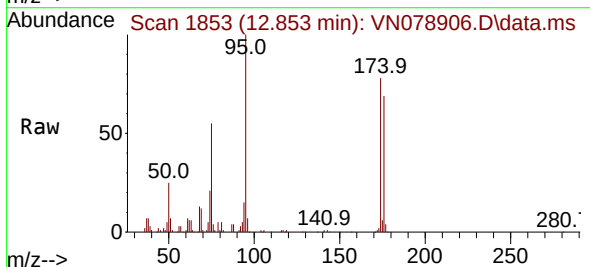
Instrument :
MSVOA_N
ClientSampleId :
E-2

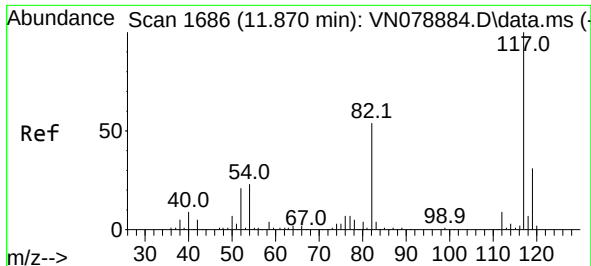
Tgt Ion: 43 Resp: 37811
Ion Ratio Lower Upper
43 100
58 30.9 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 50.482 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078906.D
Acq: 16 Aug 2023 16:29

Tgt Ion: 95 Resp: 124022
Ion Ratio Lower Upper
95 100
174 74.8 0.0 143.8
176 71.4 0.0 135.8

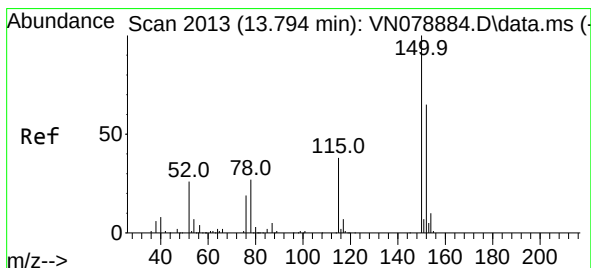
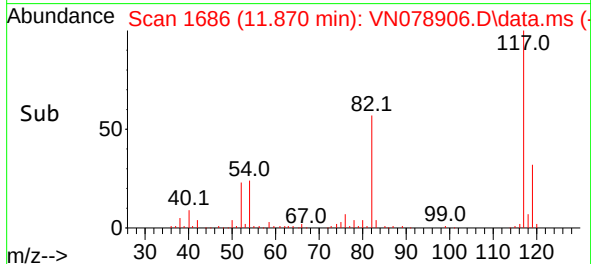
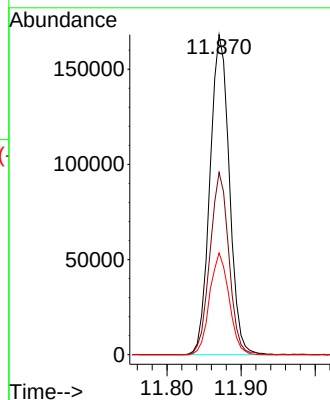
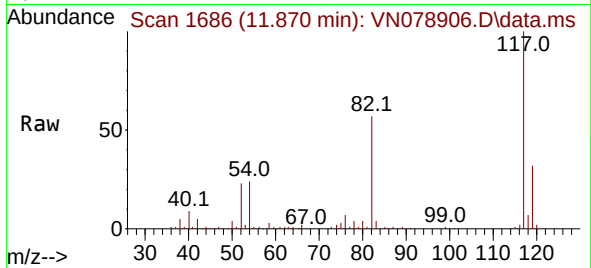




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN078906.D
Acq: 16 Aug 2023 16:29

Instrument :
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ClientSampleId :
E-2

Tgt Ion:117 Resp: 305512
Ion Ratio Lower Upper
117 100
82 57.0 44.0 66.0
119 31.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.006 min
Lab File: VN078906.D
Acq: 16 Aug 2023 16:29

Tgt Ion:152 Resp: 94864
Ion Ratio Lower Upper
152 100
115 62.0 32.3 96.8
150 158.8 0.0 355.8

