

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081623\
 Data File : VN078905.D
 Acq On : 16 Aug 2023 16:05
 Operator : JC\MD
 Sample : 04009-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CONC-COMP

Quant Time: Aug 17 01:18:05 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)

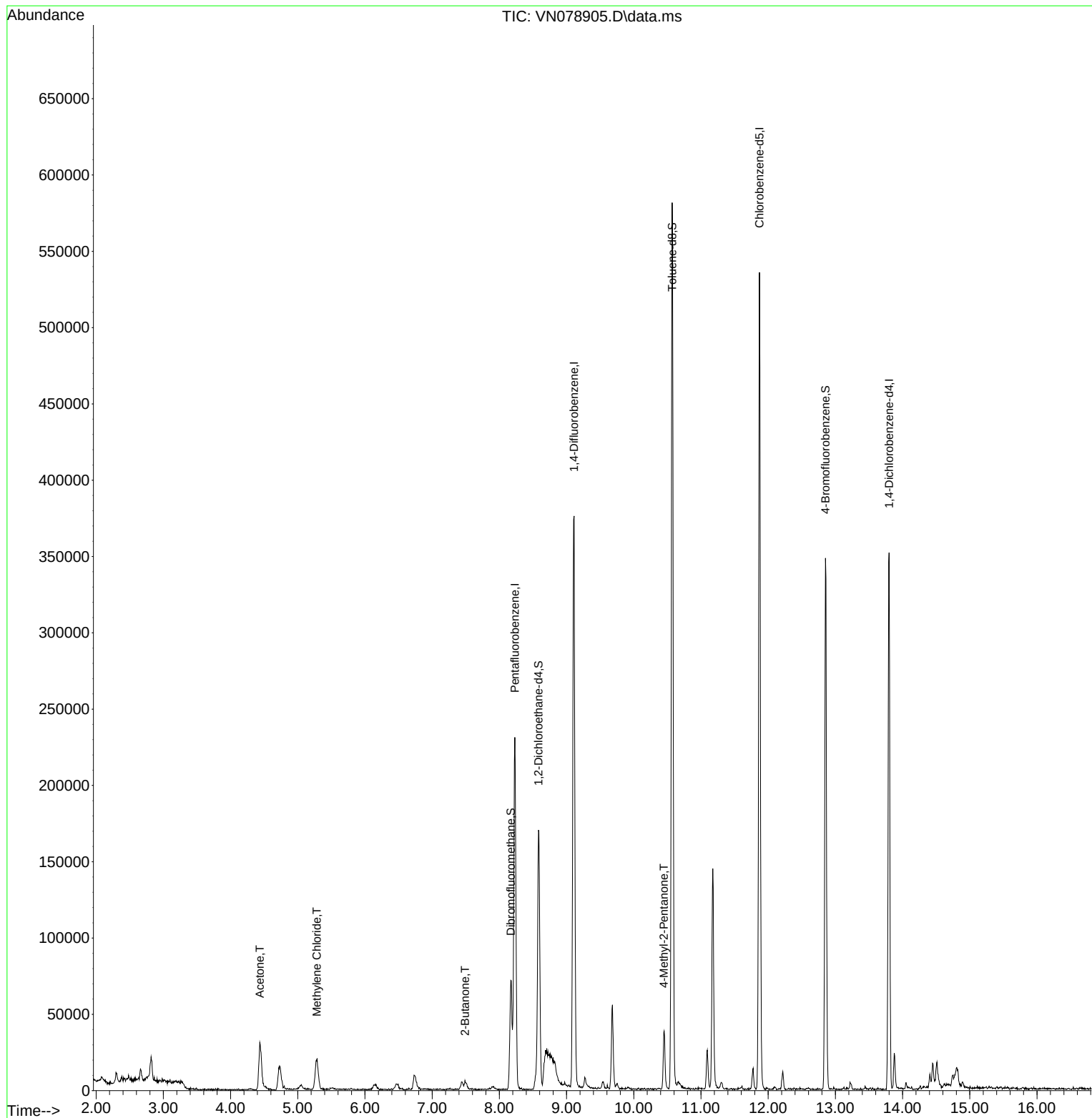
Internal Standards						
1) Pentafluorobenzene	8.229	168	161427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	316737	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	279910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	88677	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	136068	54.168	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.340%
35) Dibromofluoromethane	8.171	113	51152	23.991	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	47.980%#
50) Toluene-d8	10.570	98	385052	48.638	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.280%
62) 4-Bromofluorobenzene	12.853	95	114854	44.385	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.780%
Target Compounds						
						Qvalue
16) Acetone	4.436	43	56235	54.257	ug/l	97
20) Methylene Chloride	5.283	84	15207	6.885	ug/l #	92
25) 2-Butanone	7.488	43	9045	5.443	ug/l #	73
51) 4-Methyl-2-Pentanone	10.447	43	28999	7.709	ug/l #	84

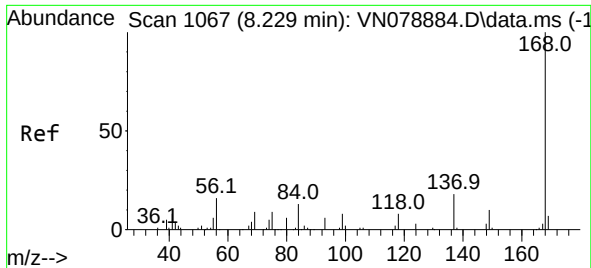
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081623\
Data File : VN078905.D
Acq On : 16 Aug 2023 16:05
Operator : JC\MD
Sample : 04009-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
CONC-COMP

Quant Time: Aug 17 01:18:05 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

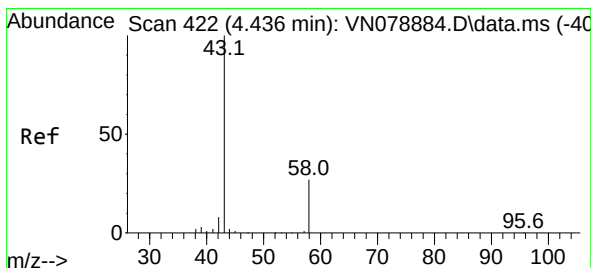
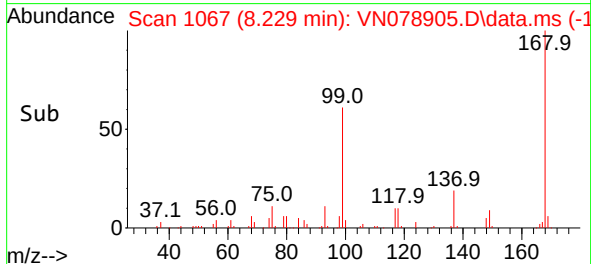
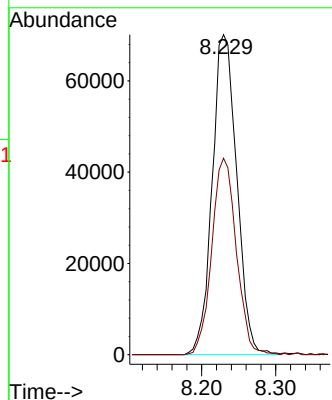
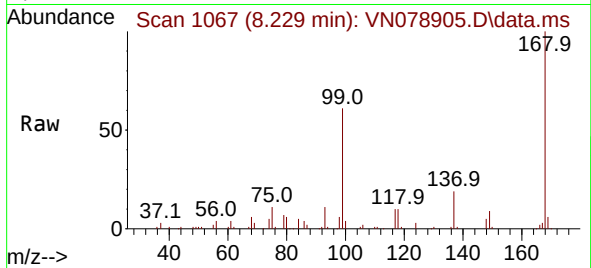




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN078905.D
Acq: 16 Aug 2023 16:05

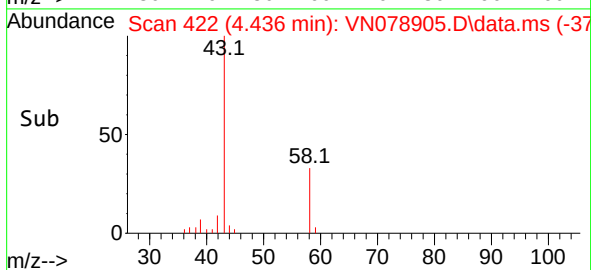
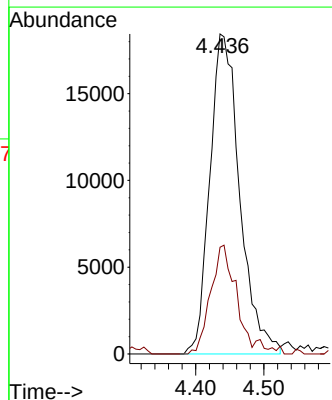
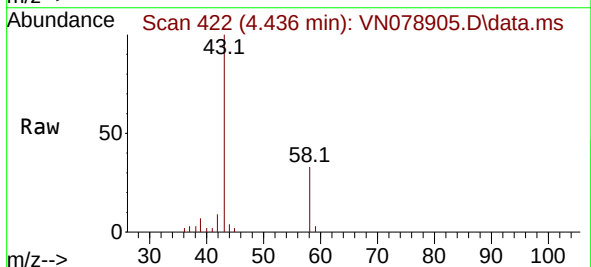
Instrument :
MSVOA_N
ClientSampleId :
CONC-COMP

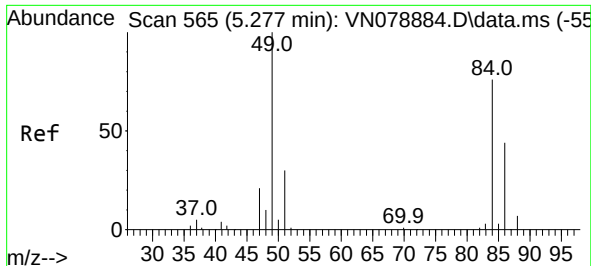
Tgt Ion:168 Resp: 161427
Ion Ratio Lower Upper
168 100
99 61.4 53.0 79.6



#16
Acetone
Concen: 54.257 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN078905.D
Acq: 16 Aug 2023 16:05

Tgt Ion: 43 Resp: 56235
Ion Ratio Lower Upper
43 100
58 33.3 28.0 42.0

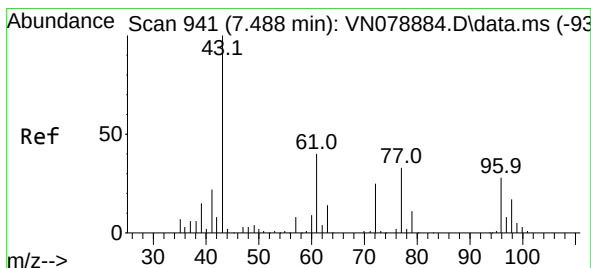
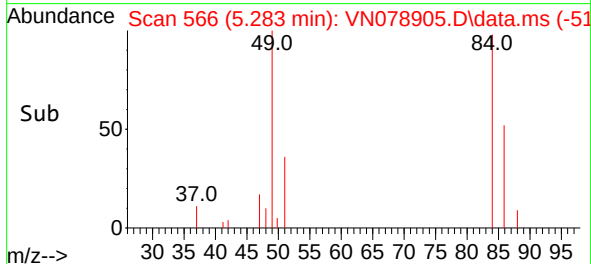
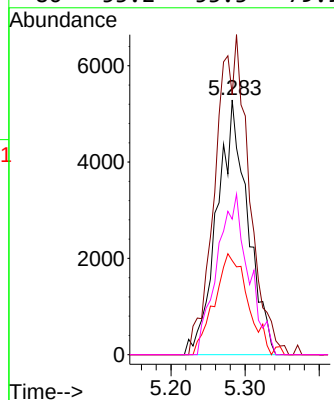
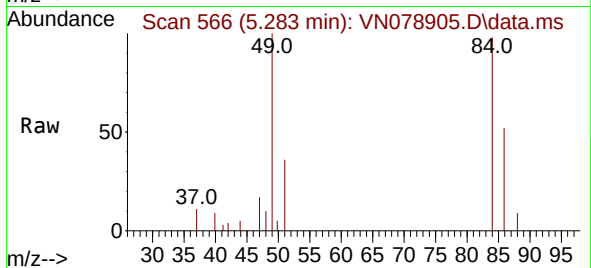




#20
Methylene Chloride
Concen: 6.885 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN078905.D
Acq: 16 Aug 2023 16:05

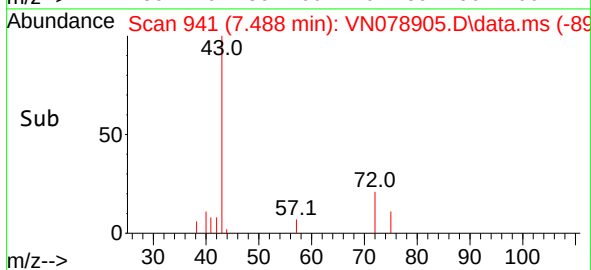
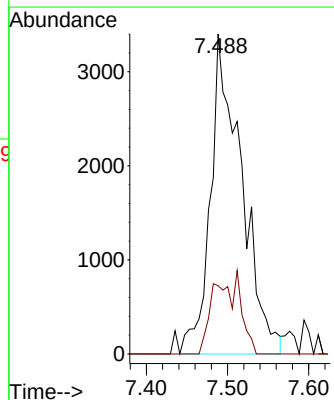
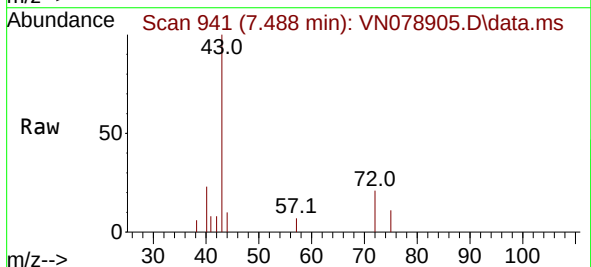
Instrument :
MSVOA_N
ClientSampleId :
CONC-COMP

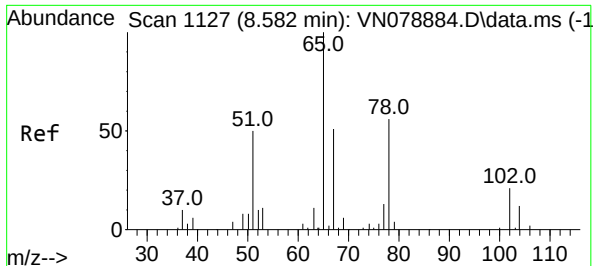
Tgt Ion:	84	Resp:	15207
Ion	Ratio	Lower	Upper
84	100		
49	102.0	79.7	119.5
51	37.0	25.2	37.8
86	53.2	53.3	79.9#



#25
2-Butanone
Concen: 5.443 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078905.D
Acq: 16 Aug 2023 16:05

Tgt Ion:	43	Resp:	9045
Ion	Ratio	Lower	Upper
43	100		
72	21.4	30.2	45.2#

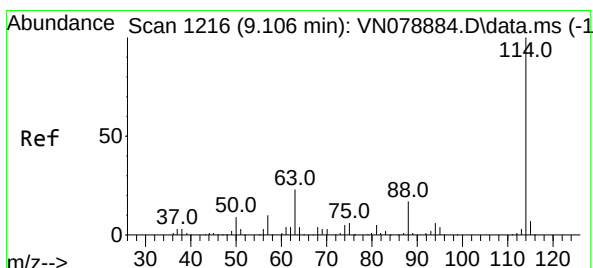
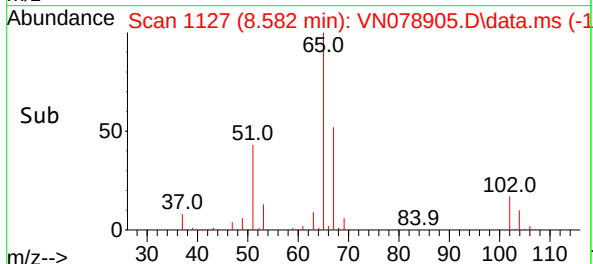
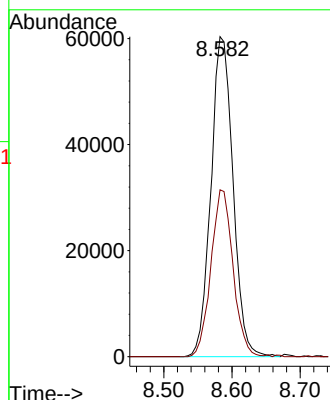
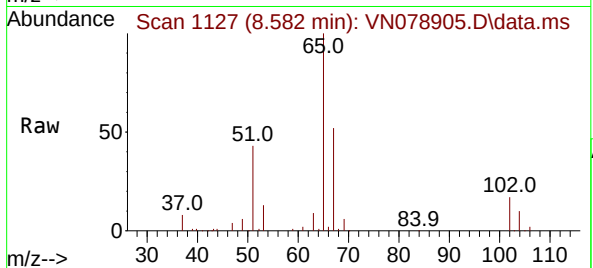




#33
 1,2-Dichloroethane-d4
 Concen: 54.168 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. -0.001 min
 Lab File: VN078905.D
 Acq: 16 Aug 2023 16:05

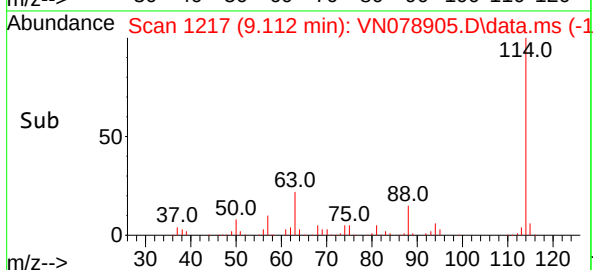
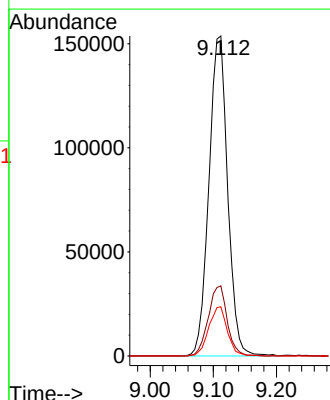
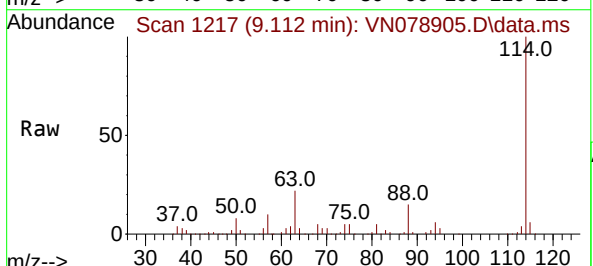
Instrument :
 MSVOA_N
 ClientSampleId :
 CONC-COMP

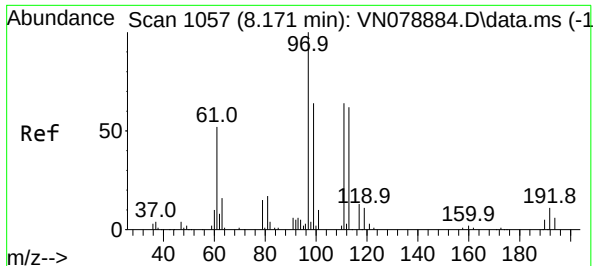
Tgt Ion: 65 Resp: 136068
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.112 min Scan# 1217
 Delta R.T. -0.000 min
 Lab File: VN078905.D
 Acq: 16 Aug 2023 16:05

Tgt Ion: 114 Resp: 316737
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 36.4
 88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 23.991 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN078905.D

Acq: 16 Aug 2023 16:05

Instrument :

MSVOA_N

ClientSampleId :

CONC-COMP

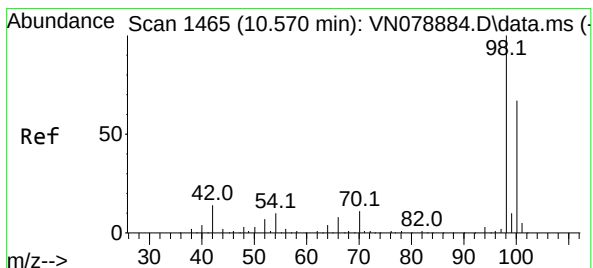
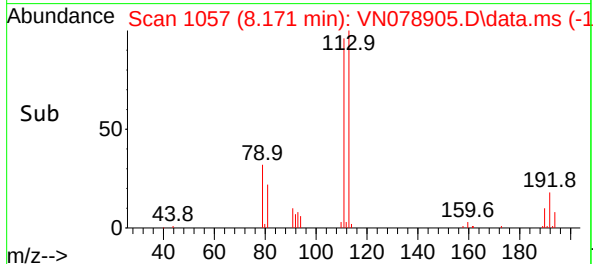
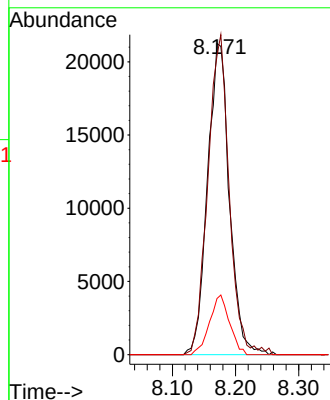
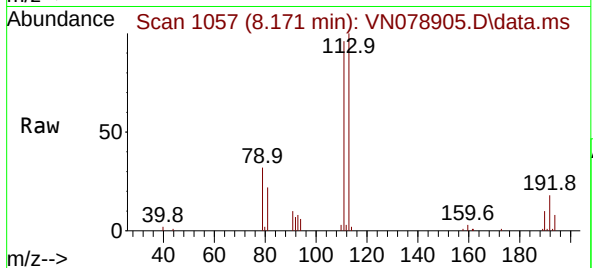
Tgt Ion:113 Resp: 51152

Ion Ratio Lower Upper

113 100

111 100.6 82.6 123.8

192 17.5 12.7 19.1



#50

Toluene-d8

Concen: 48.638 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.001 min

Lab File: VN078905.D

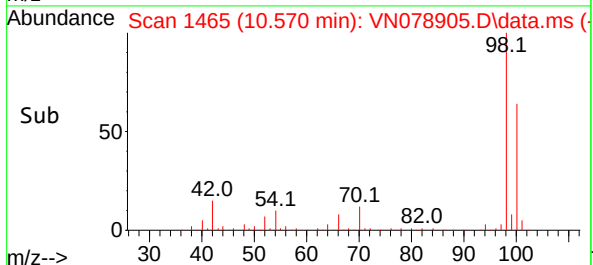
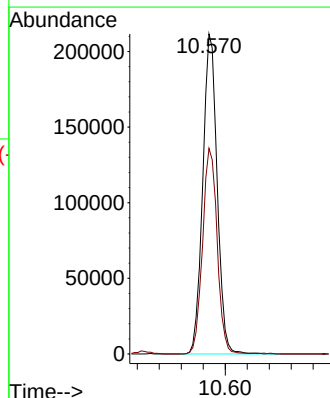
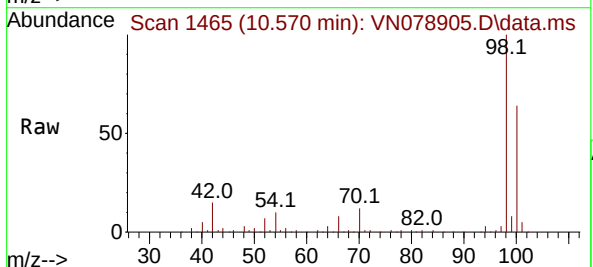
Acq: 16 Aug 2023 16:05

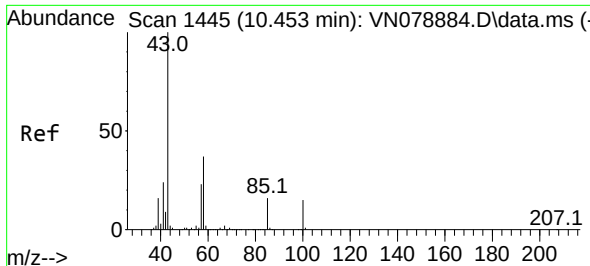
Tgt Ion: 98 Resp: 385052

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0

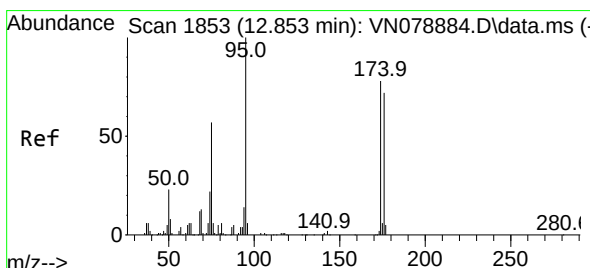
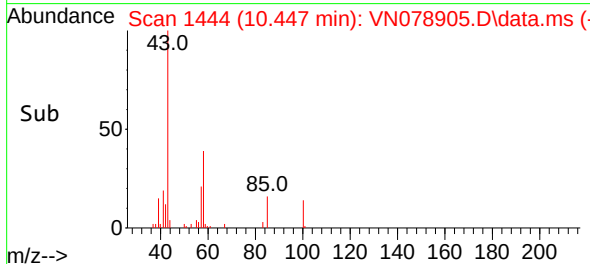
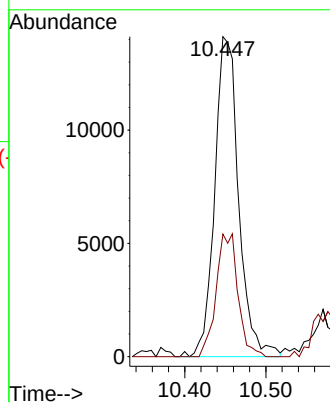
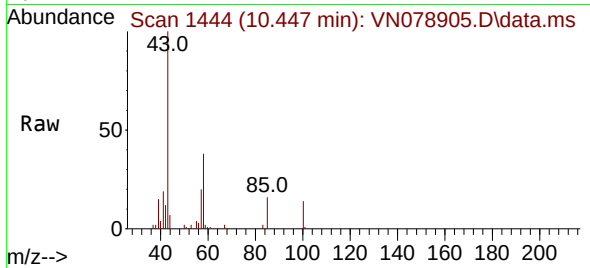




#51
4-Methyl-2-Pentanone
Concen: 7.709 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078905.D
Acq: 16 Aug 2023 16:05

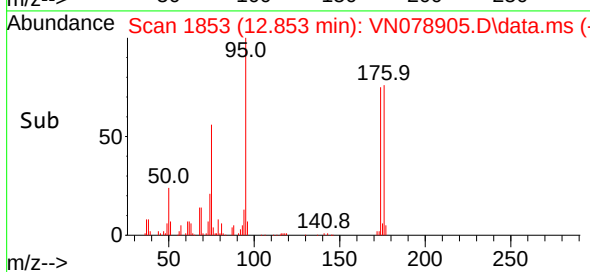
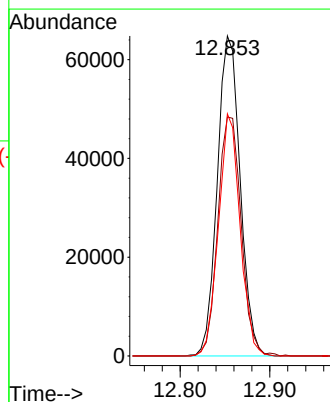
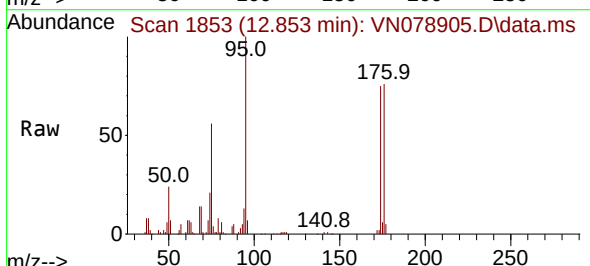
Instrument :
MSVOA_N
ClientSampleId :
CONC-COMP

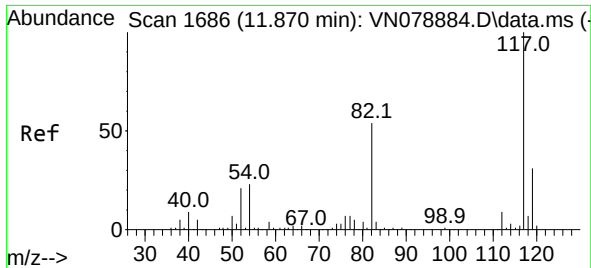
Tgt Ion: 43 Resp: 28999
Ion Ratio Lower Upper
43 100
58 35.0 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 44.385 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078905.D
Acq: 16 Aug 2023 16:05

Tgt Ion: 95 Resp: 114854
Ion Ratio Lower Upper
95 100
174 76.2 0.0 143.8
176 71.3 0.0 135.8

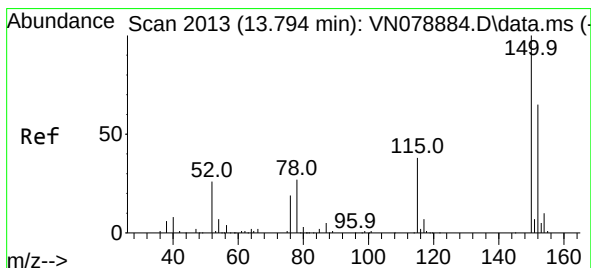
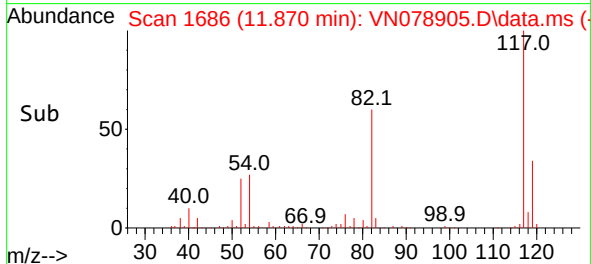
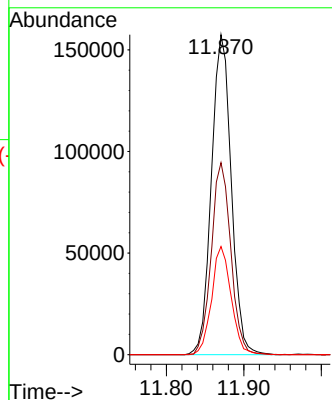
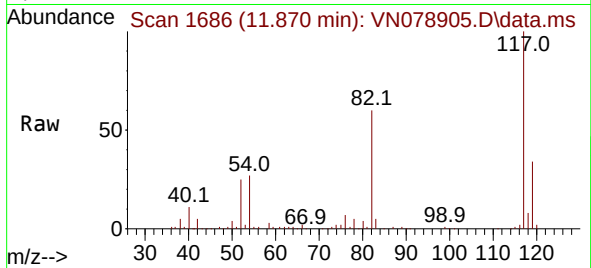




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN078905.D
Acq: 16 Aug 2023 16:05

Instrument :
MSVOA_N
ClientSampleId :
CONC-COMP

Tgt Ion:117 Resp: 279910
Ion Ratio Lower Upper
117 100
82 60.0 44.0 66.0
119 33.8 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: VN078905.D
Acq: 16 Aug 2023 16:05

Tgt Ion:152 Resp: 88677
Ion Ratio Lower Upper
152 100
115 60.9 32.3 96.8
150 158.5 0.0 355.8

