

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061623\
 Data File : VN078261.D
 Acq On : 16 Jun 2023 15:41
 Operator : JC\MD
 Sample : 03229-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-402-VOC-09

Quant Time: Jun 17 02:24:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

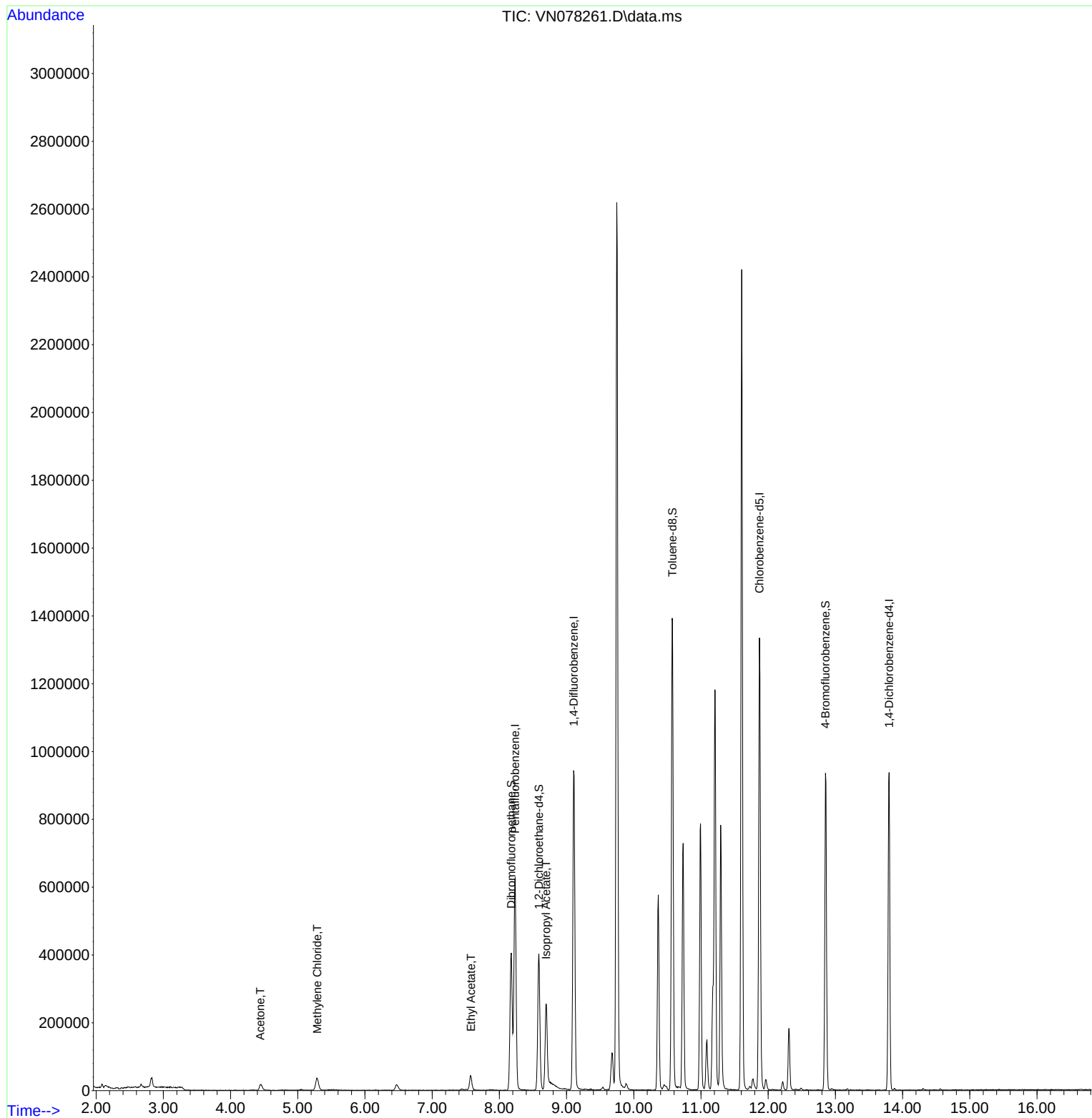
Internal Standards						
1) Pentafluorobenzene	8.235	168	446243	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	844423	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	797860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	251710	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	329669	55.409	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.820%
35) Dibromofluoromethane	8.177	113	289846	54.287	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.580%
50) Toluene-d8	10.577	98	1015163	49.320	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.640%
62) 4-Bromofluorobenzene	12.853	95	329870	51.552	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.100%
Target Compounds						
						Qvalue
16) Acetone	4.442	43	34556	20.178	ug/l	91
20) Methylene Chloride	5.289	84	28637	5.060	ug/l #	85
37) Ethyl Acetate	7.577	43	65207	10.899	ug/l #	93
43) Isopropyl Acetate	8.694	43	296660	25.928	ug/l #	81

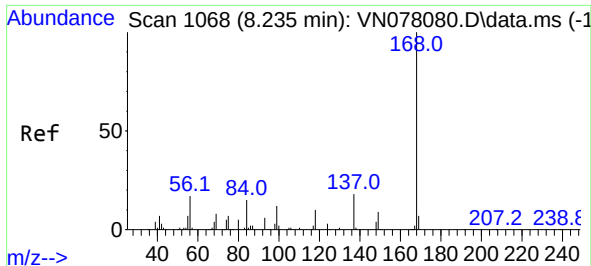
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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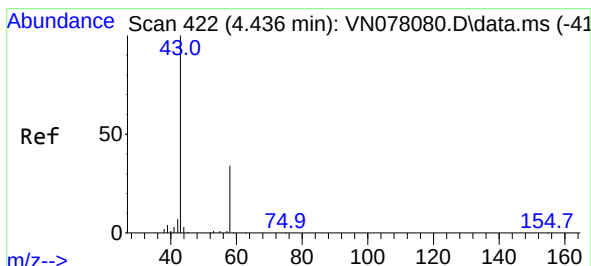
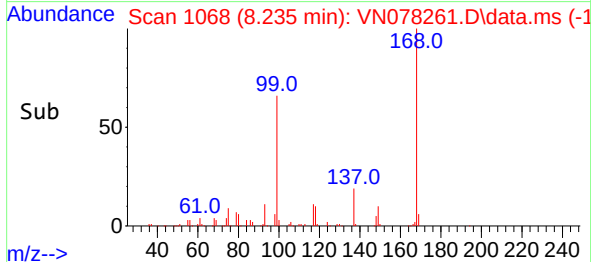
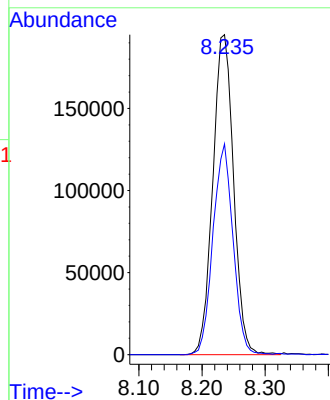
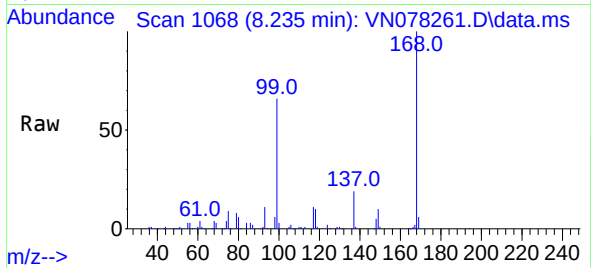




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN078261.D
Acq: 16 Jun 2023 15:41

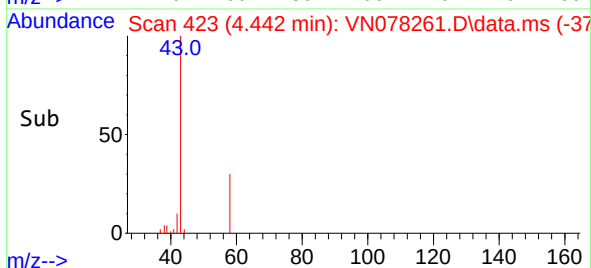
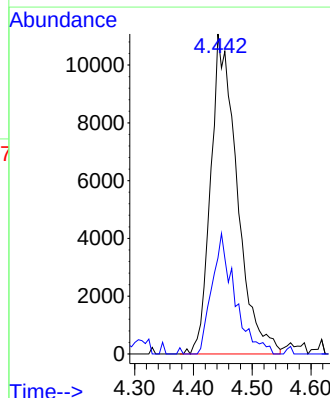
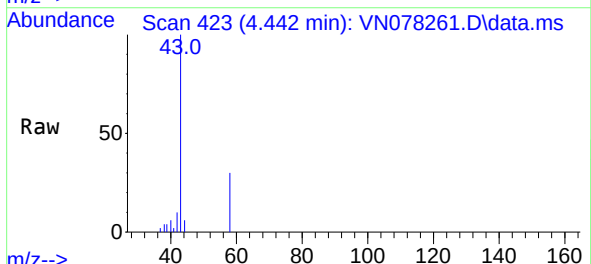
Instrument :
MSVOA_N
ClientSampleId :
OR-402-VOC-09

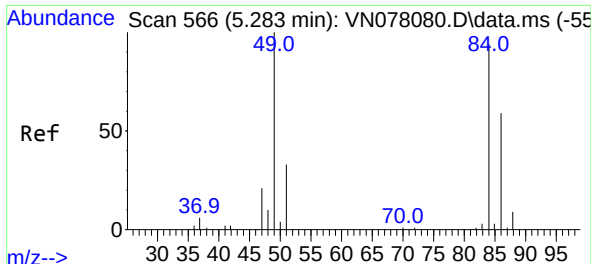
Tgt Ion:168 Resp: 446243
Ion Ratio Lower Upper
168 100
99 65.9 53.0 79.6



#16
Acetone
Concen: 20.178 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078261.D
Acq: 16 Jun 2023 15:41

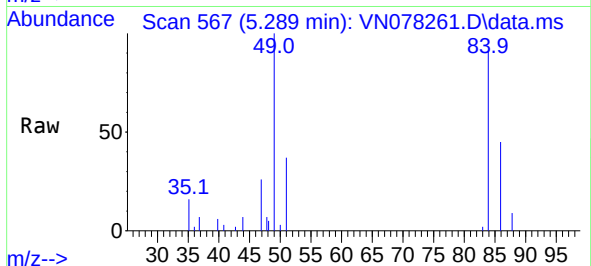
Tgt Ion: 43 Resp: 34556
Ion Ratio Lower Upper
43 100
58 30.0 28.0 42.0



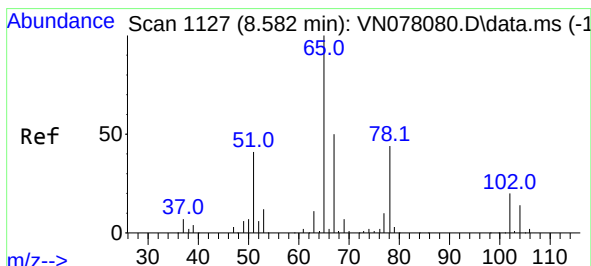
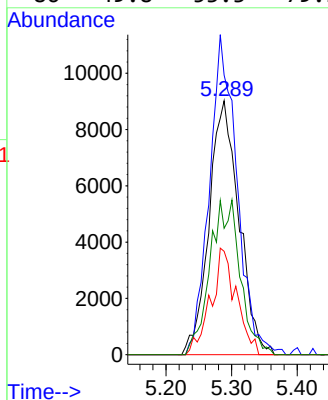
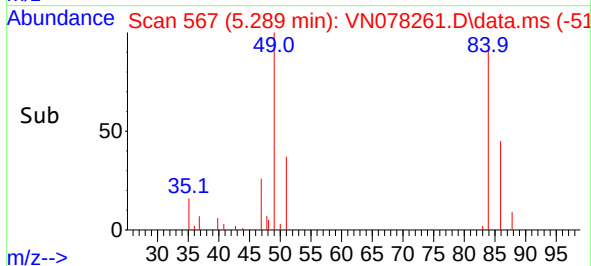


#20
Methylene Chloride
Concen: 5.060 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN078261.D
Acq: 16 Jun 2023 15:41

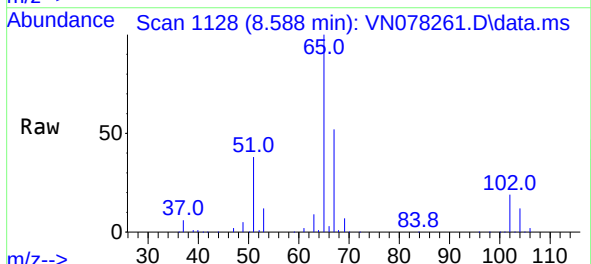
Instrument :
MSVOA_N
ClientSampleId :
OR-402-VOC-09



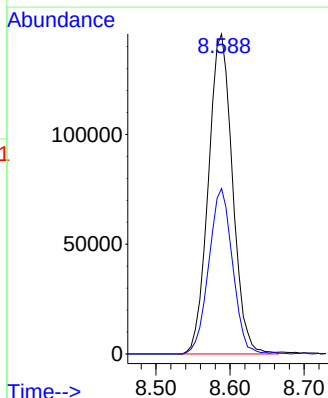
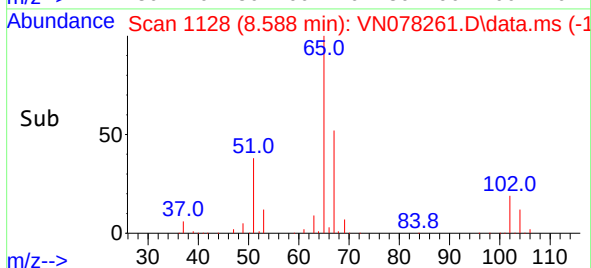
Tgt Ion:	84	Resp:	28637
Ion	Ratio	Lower	Upper
84	100		
49	110.1	79.7	119.5
51	40.7	25.2	37.8#
86	49.8	53.3	79.9#

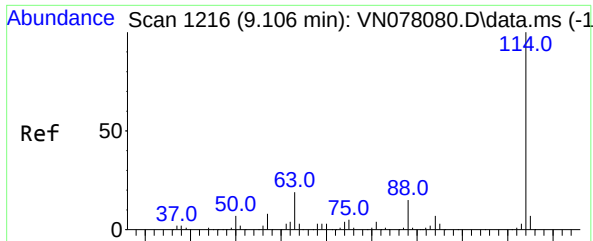


#33
1,2-Dichloroethane-d4
Concen: 55.409 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078261.D
Acq: 16 Jun 2023 15:41



Tgt Ion:	65	Resp:	329669
Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	106.6

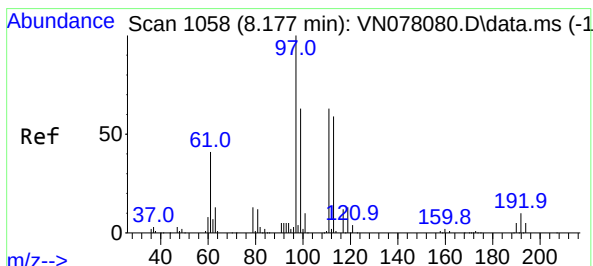
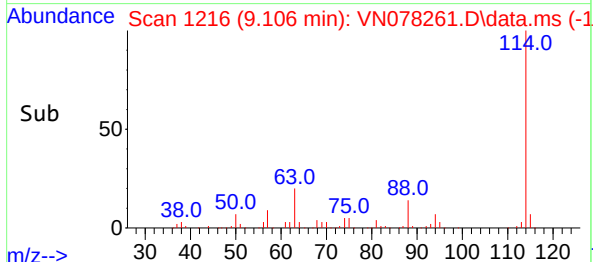
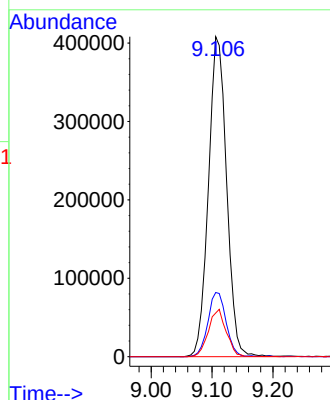
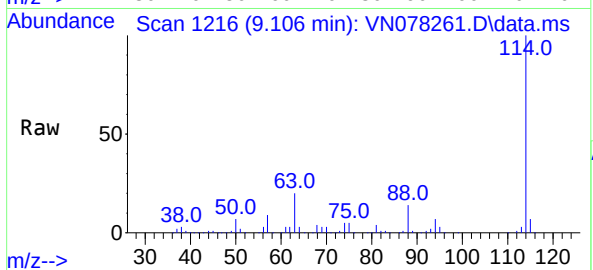




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078261.D
Acq: 16 Jun 2023 15:41

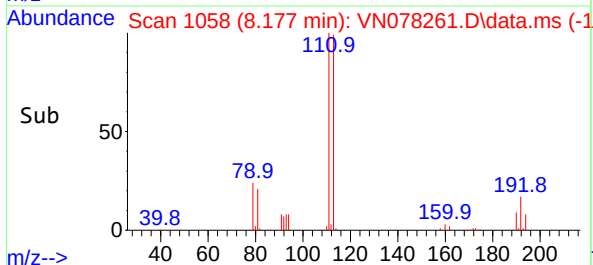
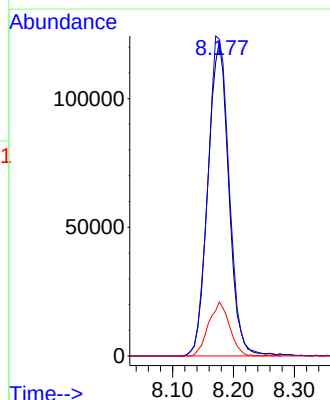
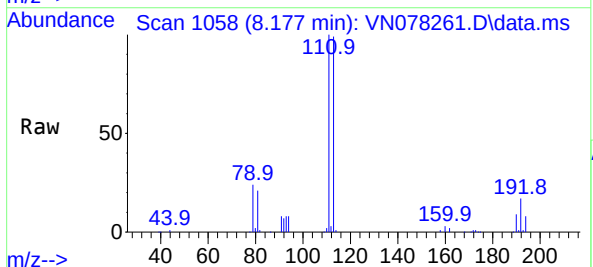
Instrument :
MSVOA_N
ClientSampleId :
OR-402-VOC-09

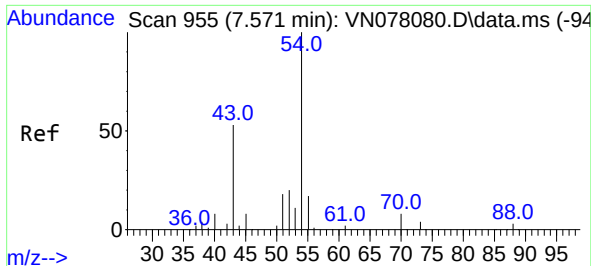
Tgt Ion:114 Resp: 844423
Ion Ratio Lower Upper
114 100
63 20.1 0.0 36.4
88 13.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.287 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078261.D
Acq: 16 Jun 2023 15:41

Tgt Ion:113 Resp: 289846
Ion Ratio Lower Upper
113 100
111 104.9 82.6 123.8
192 17.3 12.7 19.1

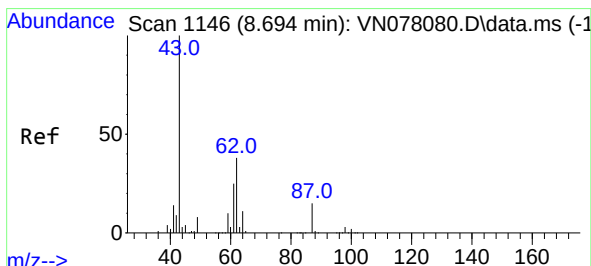
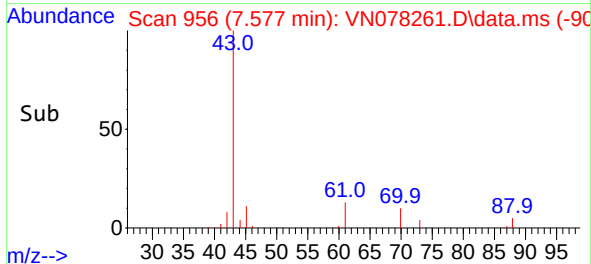
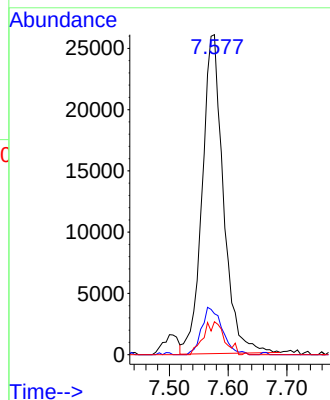
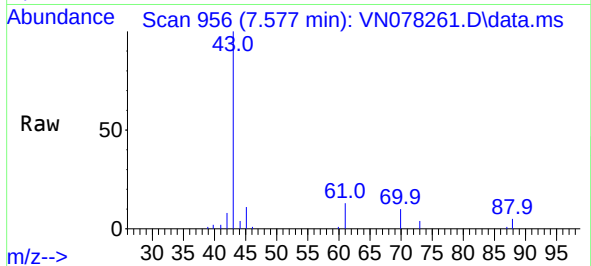




#37
Ethyl Acetate
Concen: 10.899 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN078261.D
Acq: 16 Jun 2023 15:41

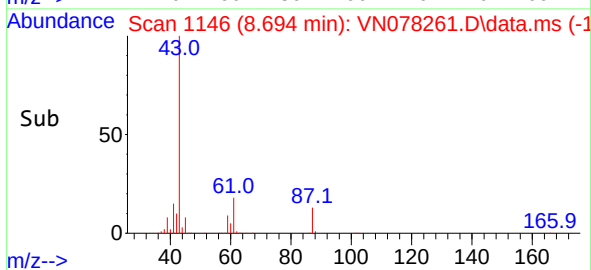
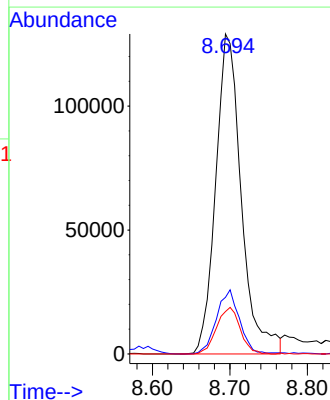
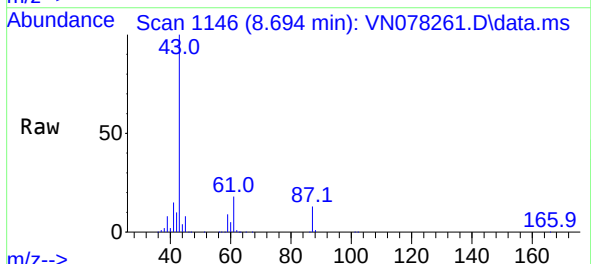
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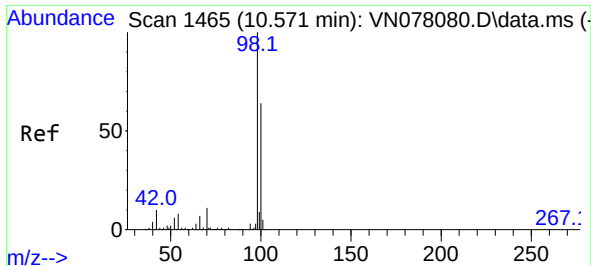
Tgt Ion: 43 Resp: 65207
Ion Ratio Lower Upper
43 100
61 14.4 13.2 19.8
70 10.2 11.3 16.9#



#43
Isopropyl Acetate
Concen: 25.928 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078261.D
Acq: 16 Jun 2023 15:41

Tgt Ion: 43 Resp: 296660
Ion Ratio Lower Upper
43 100
61 18.0 24.7 37.1#
87 13.4 14.6 21.8#

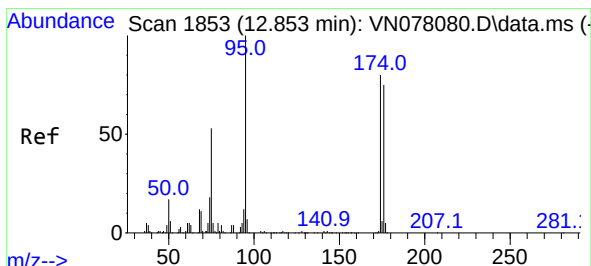
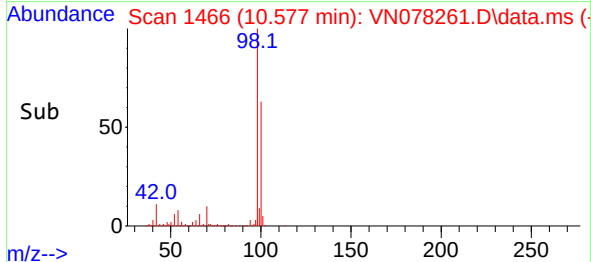
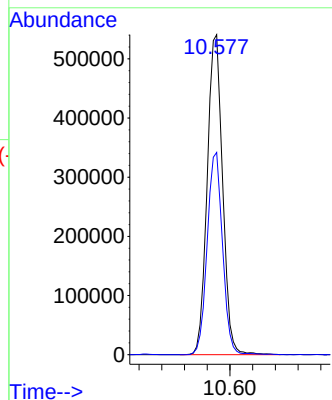
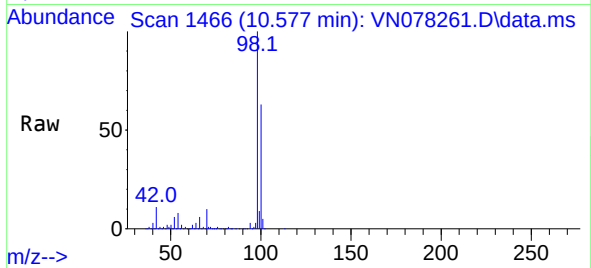




#50
Toluene-d8
Concen: 49.320 ug/l
RT: 10.577 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN078261.D
Acq: 16 Jun 2023 15:41

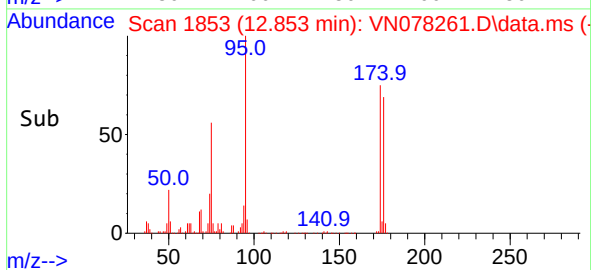
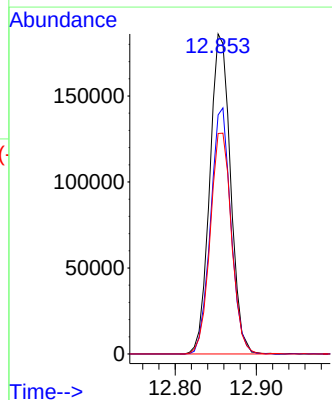
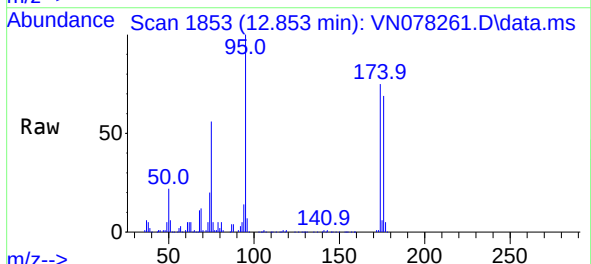
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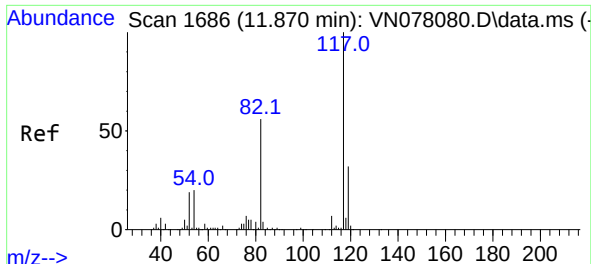
Tgt Ion: 98 Resp: 1015163
Ion Ratio Lower Upper
98 100
100 63.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.552 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078261.D
Acq: 16 Jun 2023 15:41

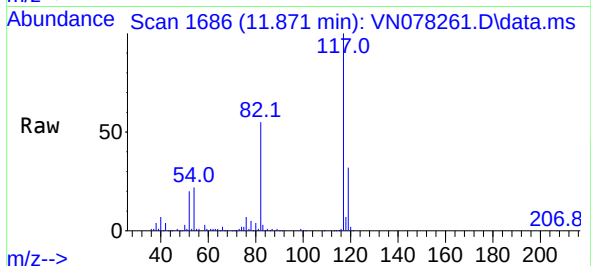
Tgt Ion: 95 Resp: 329870
Ion Ratio Lower Upper
95 100
174 75.3 0.0 143.8
176 70.9 0.0 135.8



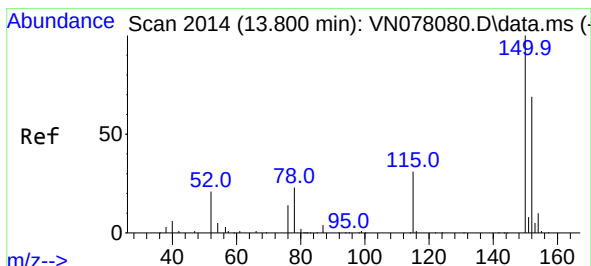
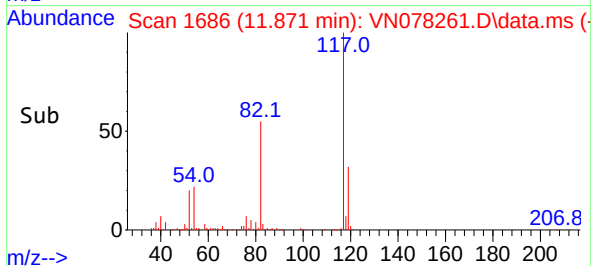
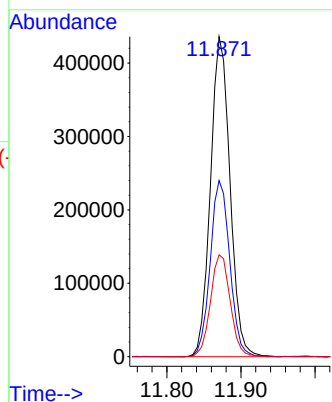


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078261.D
Acq: 16 Jun 2023 15:41

Instrument :
MSVOA_N
ClientSampleId :
OR-402-VOC-09



Tgt Ion:117 Resp: 797860
Ion Ratio Lower Upper
117 100
82 55.0 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. 0.000 min
Lab File: VN078261.D
Acq: 16 Jun 2023 15:41

Tgt Ion:152 Resp: 251710
Ion Ratio Lower Upper
152 100
115 61.3 32.3 96.8
150 161.5 0.0 355.8

