

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081823\
 Data File : VN078950.D
 Acq On : 18 Aug 2023 18:24
 Operator : JC\MD
 Sample : PB154902ZHE#07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154902ZHE#07

Quant Time: Aug 18 23:46:31 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)

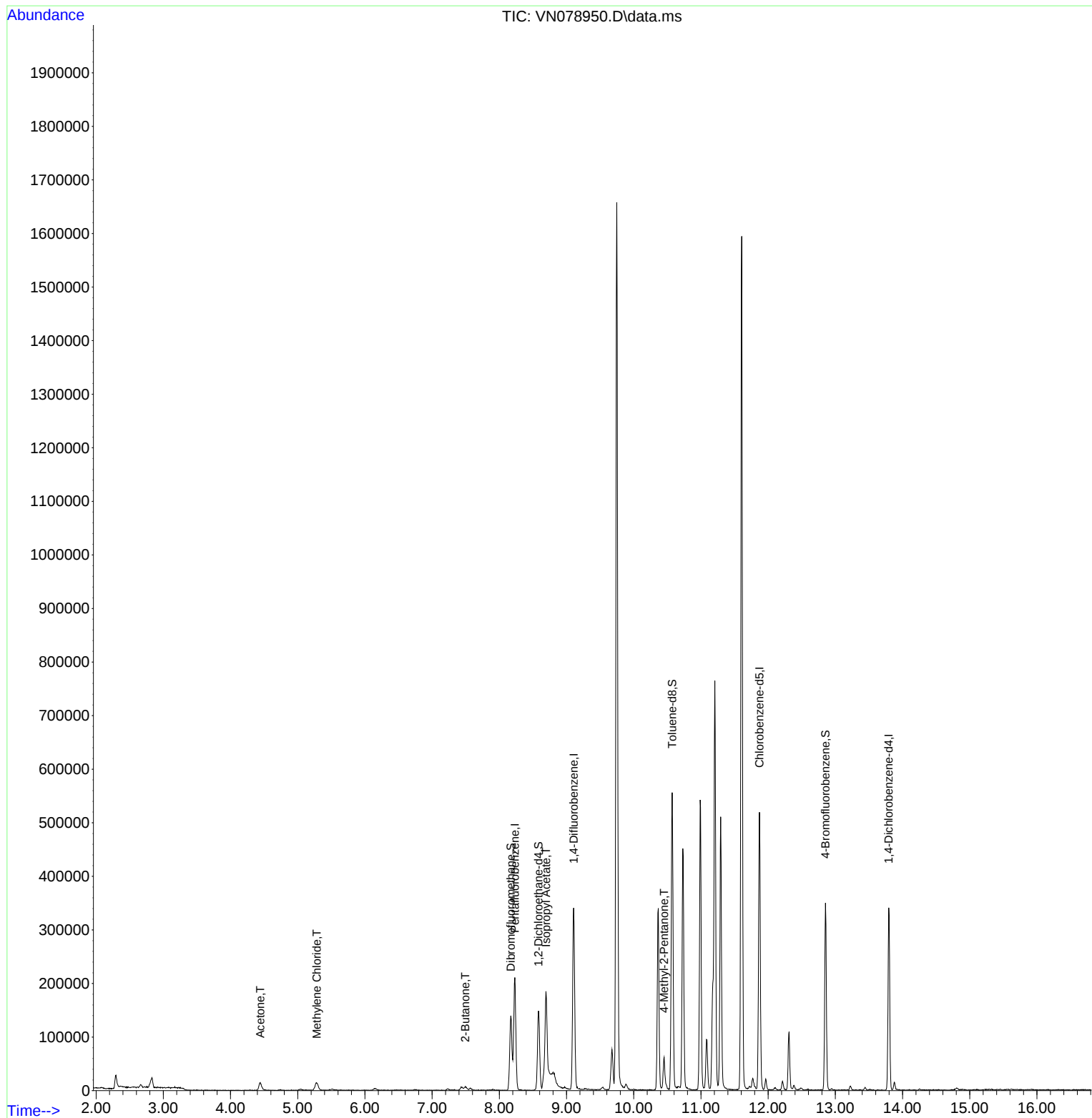
Internal Standards						
1) Pentafluorobenzene	8.230	168	149061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	287480	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	287270	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	88958	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	115783	49.917	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.840%
35) Dibromofluoromethane	8.171	113	97737	50.506	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.020%
50) Toluene-d8	10.571	98	377516	52.539	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.080%
62) 4-Bromofluorobenzene	12.853	95	113461	48.309	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.620%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	27413	28.643	ug/l	95
20) Methylene Chloride	5.283	84	10828	5.309	ug/l	93
25) 2-Butanone	7.494	43	11091	7.228	ug/l #	84
43) Isopropyl Acetate	8.694	43	239114	41.537	ug/l #	71
51) 4-Methyl-2-Pentanone	10.453	43	45469	13.317	ug/l #	81

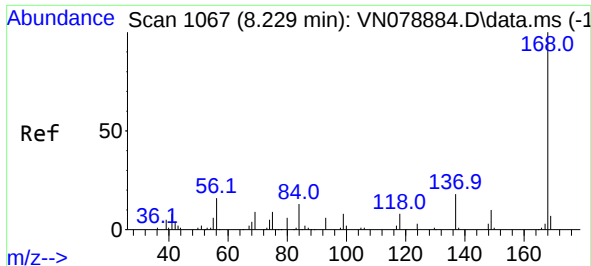
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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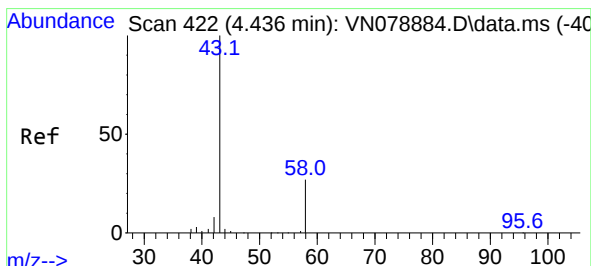
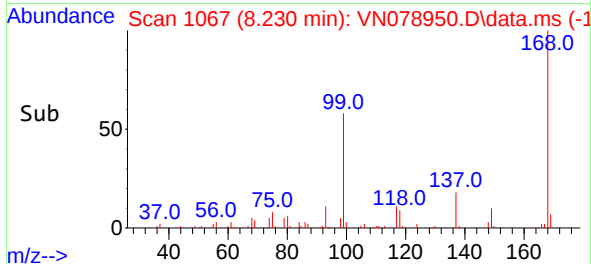
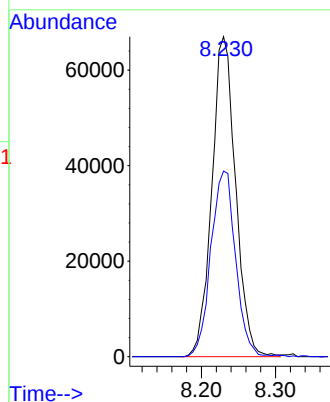
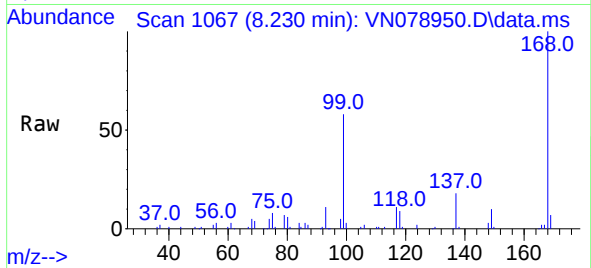




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078950.D
Acq: 18 Aug 2023 18:24

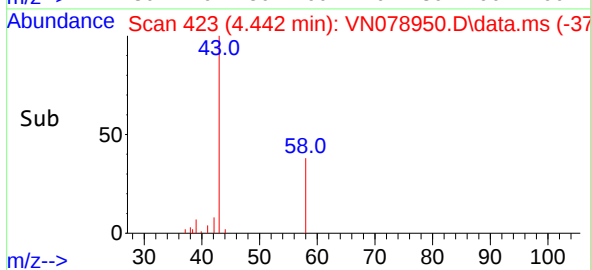
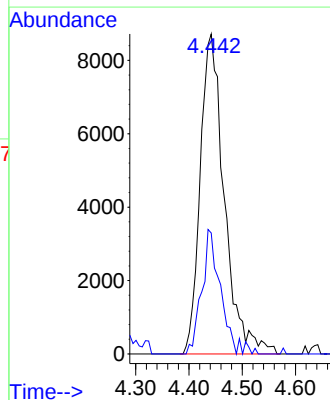
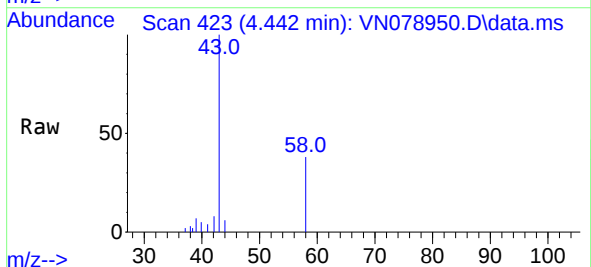
Instrument :
MSVOA_N
ClientSampleId :
PB154902ZHE#07

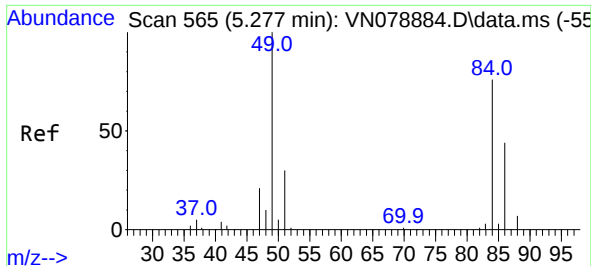
Tgt Ion:168 Resp: 149061
Ion Ratio Lower Upper
168 100
99 58.0 53.0 79.6



#16
Acetone
Concen: 28.643 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078950.D
Acq: 18 Aug 2023 18:24

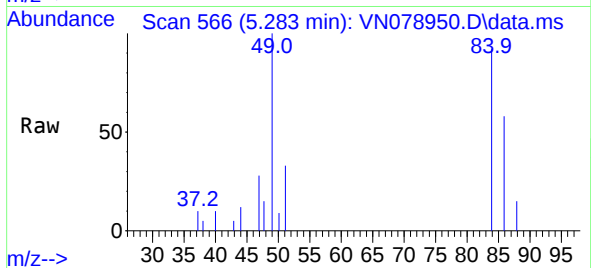
Tgt Ion: 43 Resp: 27413
Ion Ratio Lower Upper
43 100
58 37.8 28.0 42.0



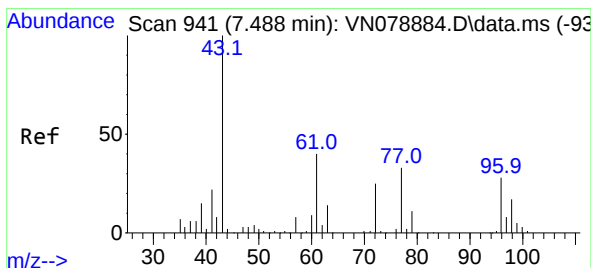
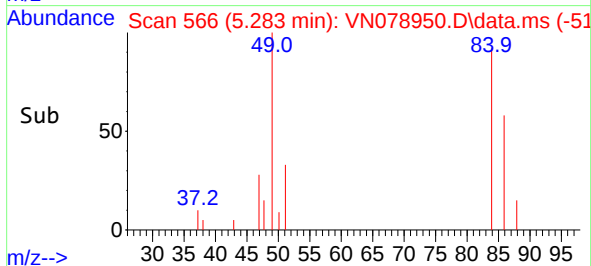
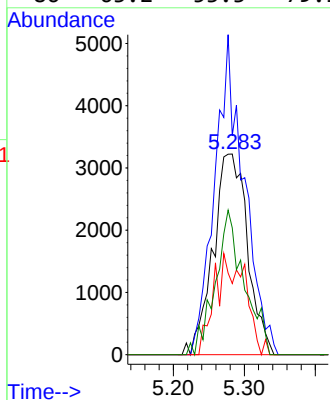


#20
Methylene Chloride
Concen: 5.309 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN078950.D
Acq: 18 Aug 2023 18:24

Instrument :
MSVOA_N
ClientSampleId :
PB154902ZHE#07

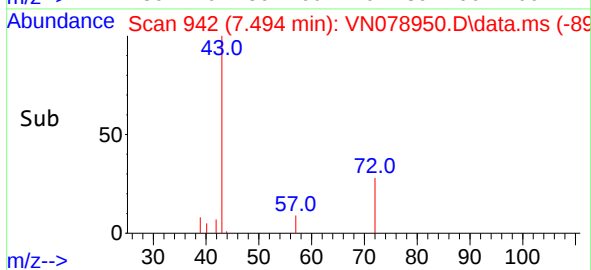
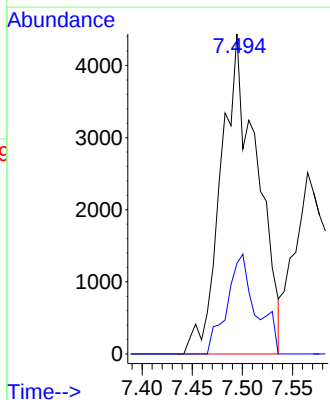
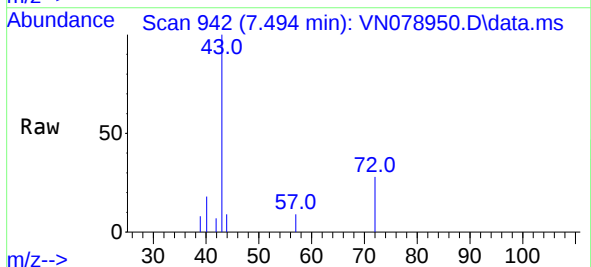


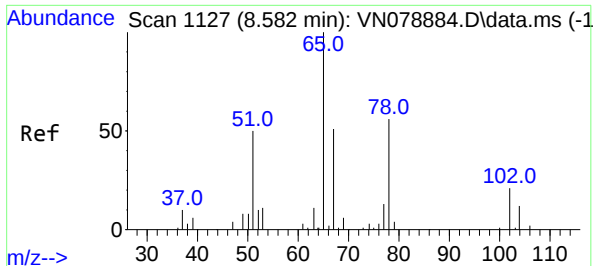
Tgt Ion:	84	Resp:	10828
Ion	Ratio	Lower	Upper
84	100		
49	109.2	79.7	119.5
51	35.5	25.2	37.8
86	63.2	53.3	79.9



#25
2-Butanone
Concen: 7.228 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078950.D
Acq: 18 Aug 2023 18:24

Tgt Ion:	43	Resp:	11091
Ion	Ratio	Lower	Upper
43	100		
72	28.3	30.2	45.2#

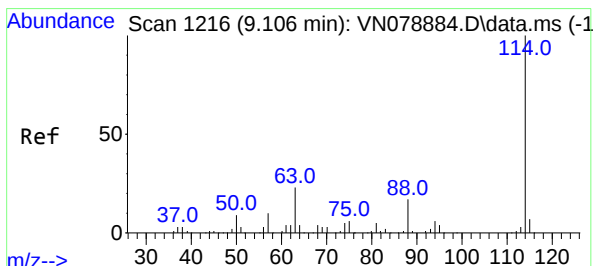
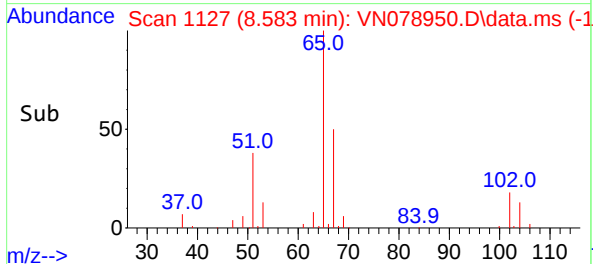
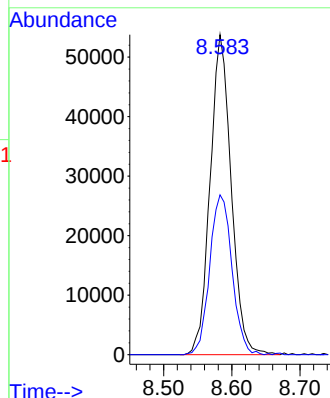
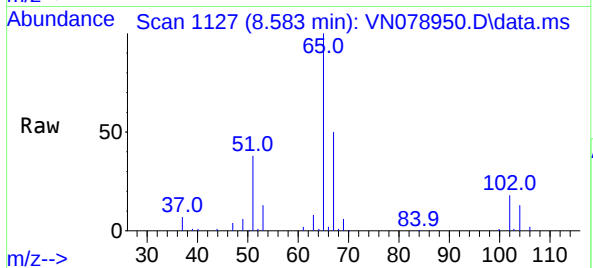




#33
 1,2-Dichloroethane-d4
 Concen: 49.917 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VN078950.D
 Acq: 18 Aug 2023 18:24

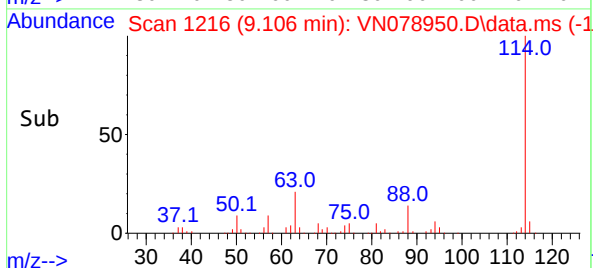
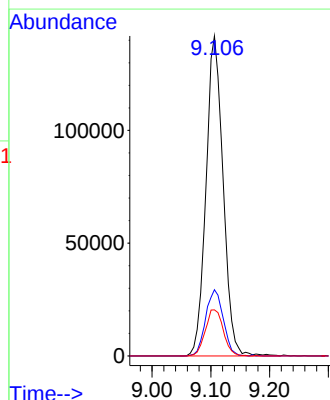
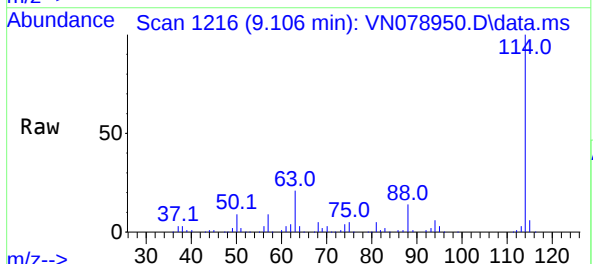
Instrument :
 MSVOA_N
 ClientSampleId :
 PB154902ZHE#07

Tgt Ion: 65 Resp: 115783
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.006 min
 Lab File: VN078950.D
 Acq: 18 Aug 2023 18:24

Tgt Ion: 114 Resp: 287480
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 36.4
 88 14.4 0.0 30.6

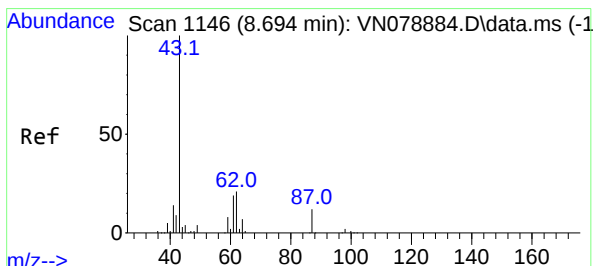
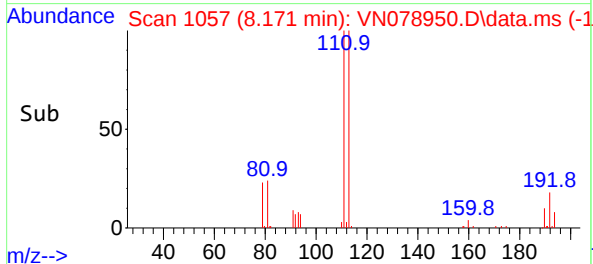
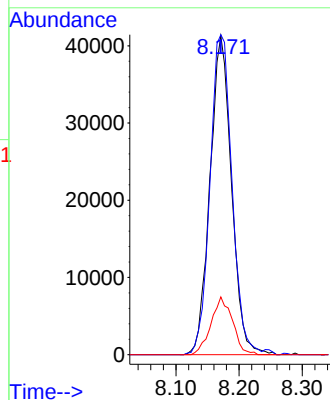
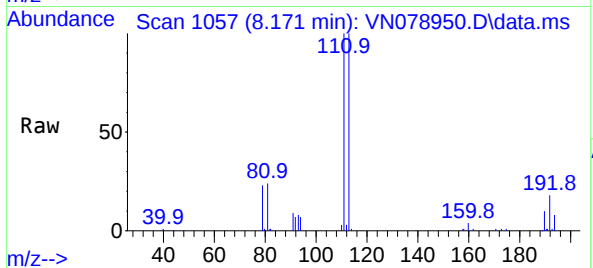




#35
Dibromofluoromethane
Concen: 50.506 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078950.D
Acq: 18 Aug 2023 18:24

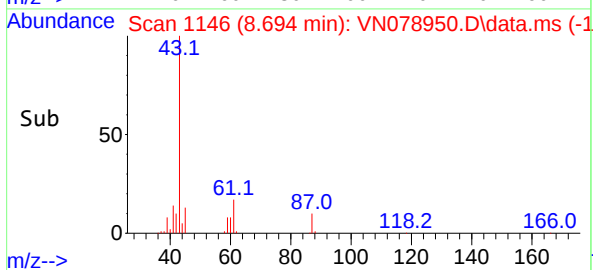
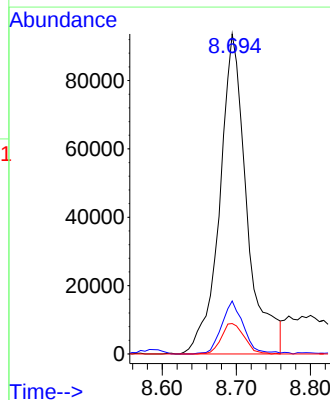
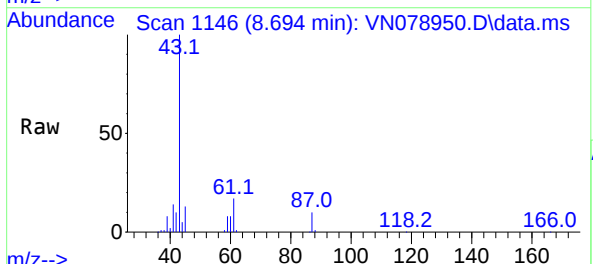
Instrument :
MSVOA_N
ClientSampleId :
PB154902ZHE#07

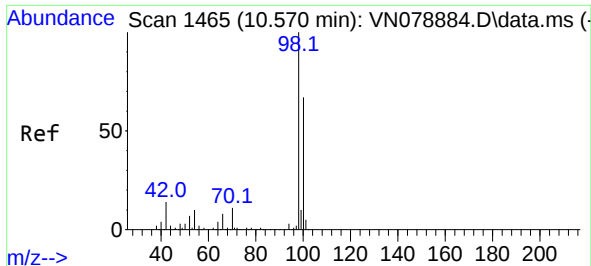
Tgt Ion:113 Resp: 97737
Ion Ratio Lower Upper
113 100
111 102.4 82.6 123.8
192 18.1 12.7 19.1



#43
Isopropyl Acetate
Concen: 41.537 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078950.D
Acq: 18 Aug 2023 18:24

Tgt Ion: 43 Resp: 239114
Ion Ratio Lower Upper
43 100
61 13.5 24.7 37.1#
87 8.0 14.6 21.8#

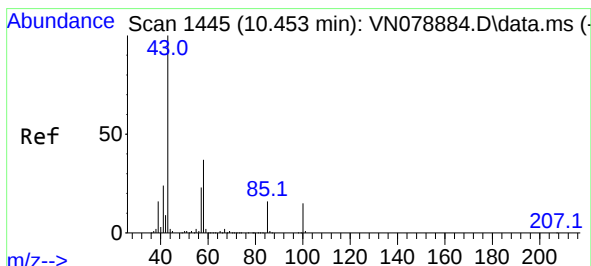
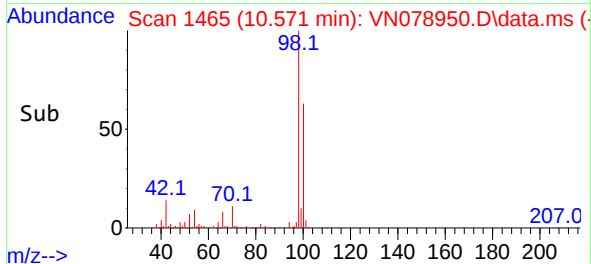
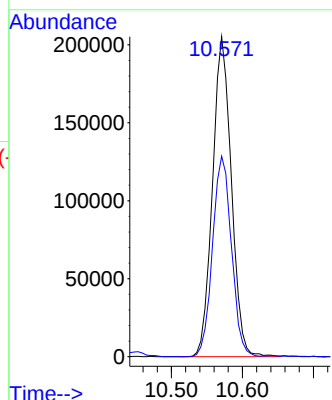
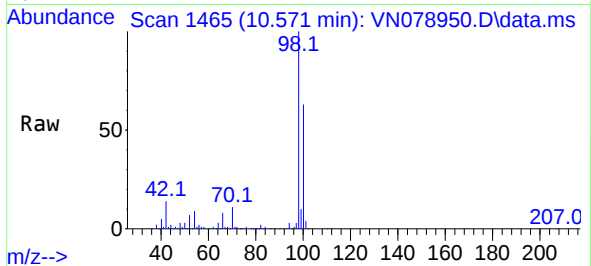




#50
Toluene-d8
Concen: 52.539 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078950.D
Acq: 18 Aug 2023 18:24

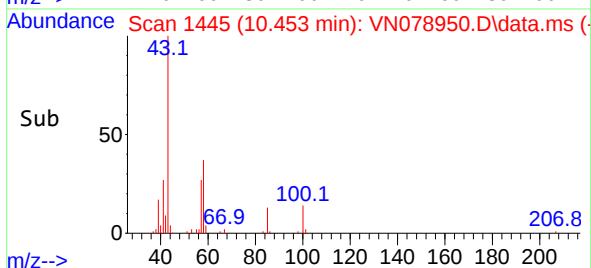
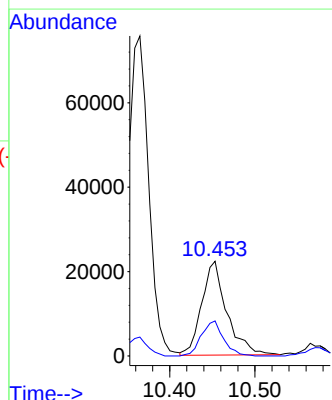
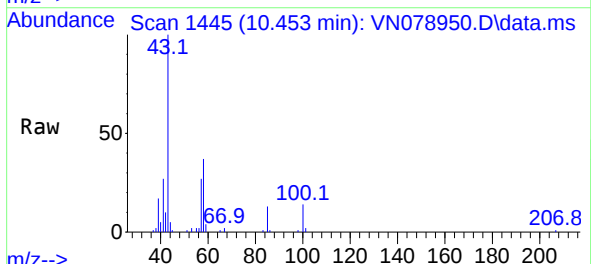
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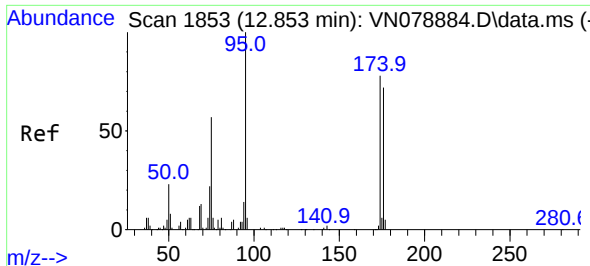
Tgt Ion: 98 Resp: 377516
Ion Ratio Lower Upper
98 100
100 62.9 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 13.317 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078950.D
Acq: 18 Aug 2023 18:24

Tgt Ion: 43 Resp: 45469
Ion Ratio Lower Upper
43 100
58 33.1 36.6 54.8#

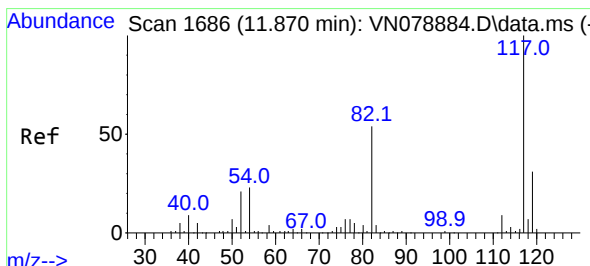
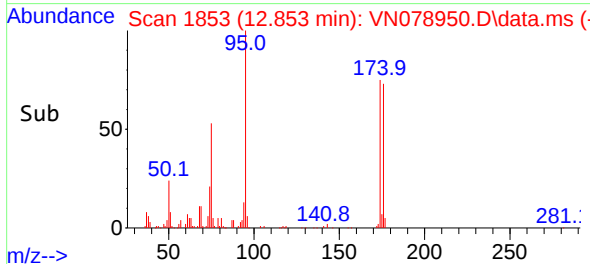
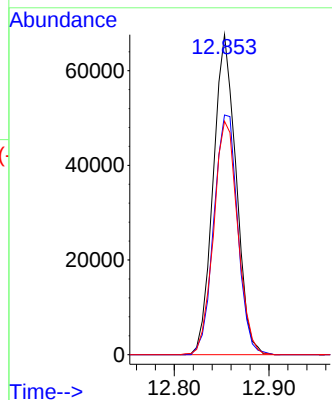
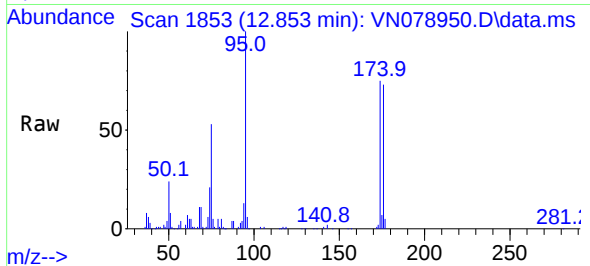




#62
4-Bromofluorobenzene
Concen: 48.309 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078950.D
Acq: 18 Aug 2023 18:24

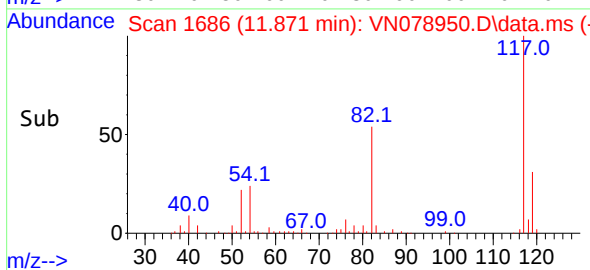
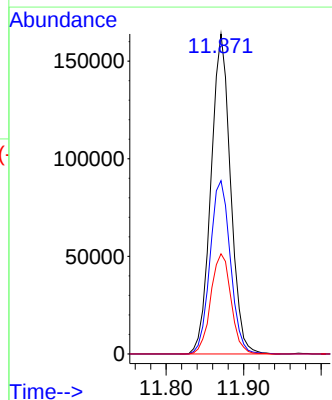
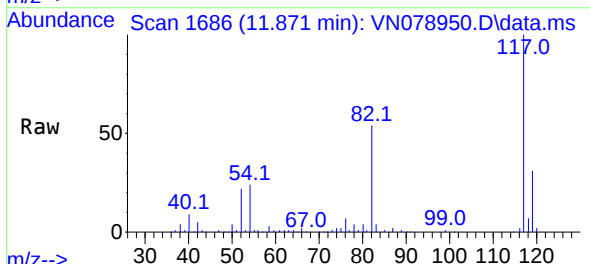
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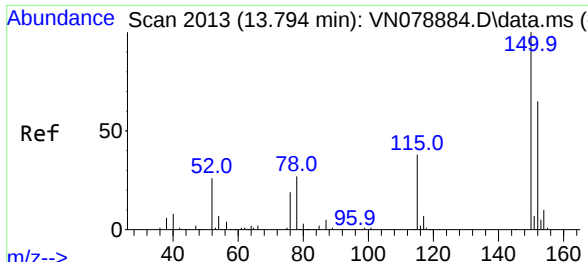
Tgt Ion: 95 Resp: 113461
Ion Ratio Lower Upper
95 100
174 77.9 0.0 143.8
176 76.9 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078950.D
Acq: 18 Aug 2023 18:24

Tgt Ion: 117 Resp: 287270
Ion Ratio Lower Upper
117 100
82 54.2 44.0 66.0
119 31.3 25.6 38.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN078950.D
Acq: 18 Aug 2023 18:24

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:152	Resp:	88958
Ion	Ratio	Lower Upper
152	100	
115	58.6	32.3 96.8
150	157.3	0.0 355.8

