

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082323\
 Data File : VN079016.D
 Acq On : 23 Aug 2023 15:12
 Operator : JC\MD
 Sample : 04091-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-C

Quant Time: Aug 24 01:12:02 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)

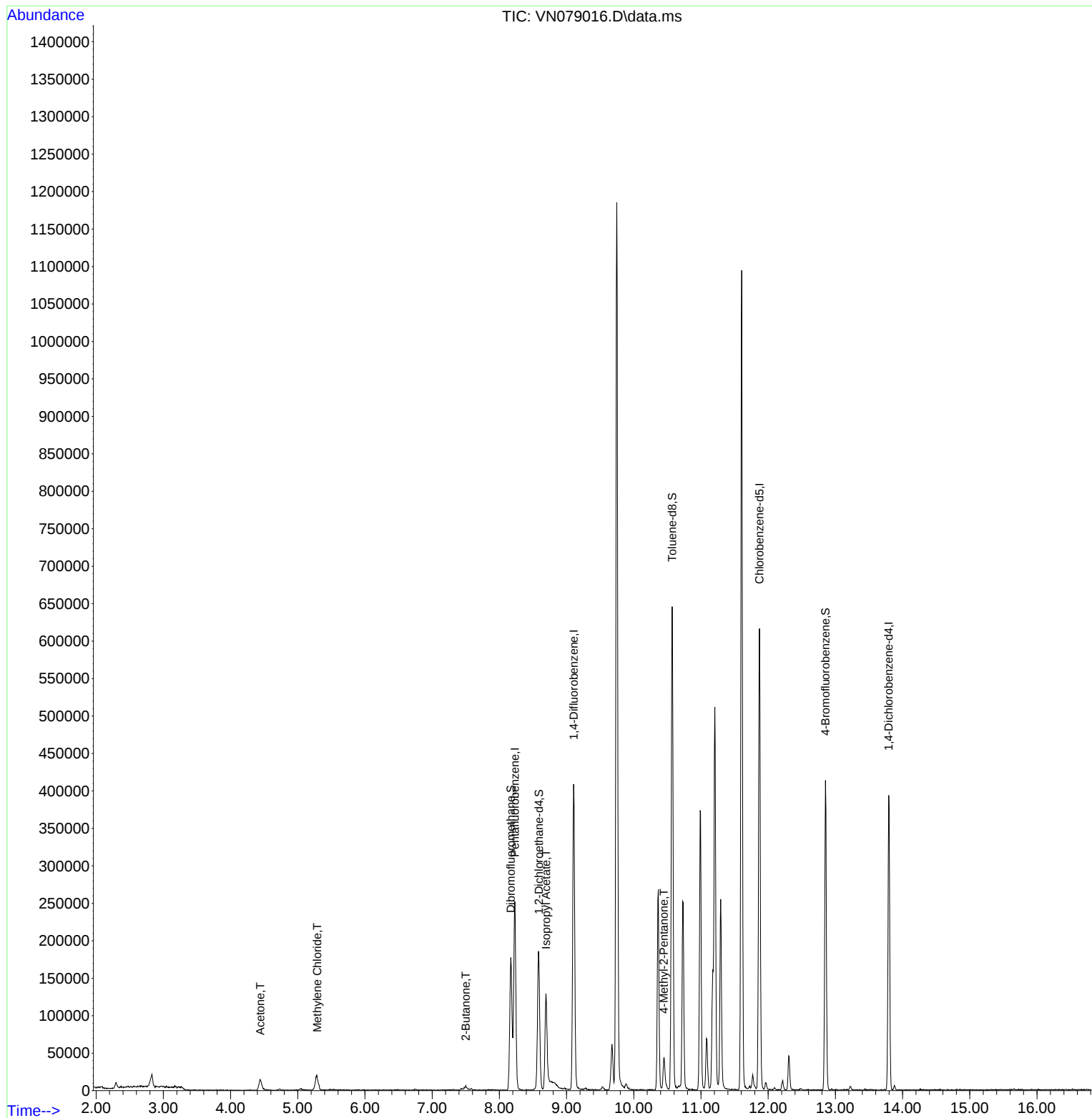
Internal Standards						
1) Pentafluorobenzene	8.230	168	172547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	343045	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	341239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	104595	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	150423	56.024	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.040%
35) Dibromofluoromethane	8.171	113	125153	54.198	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.400%
50) Toluene-d8	10.571	98	438432	51.134	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.260%
62) 4-Bromofluorobenzene	12.853	95	133763	47.729	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.460%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	27129	24.488	ug/l	94
20) Methylene Chloride	5.289	84	13580	5.752	ug/l	92
25) 2-Butanone	7.500	43	9801	5.518	ug/l	99
43) Isopropyl Acetate	8.694	43	161987	23.581	ug/l #	72
51) 4-Methyl-2-Pentanone	10.447	43	35478	8.708	ug/l #	82

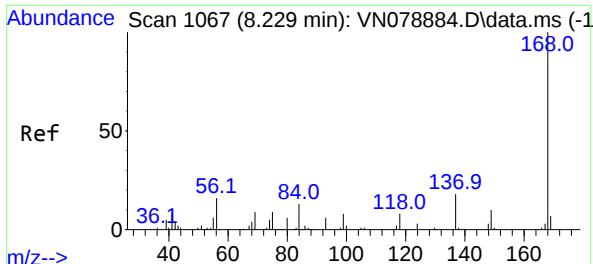
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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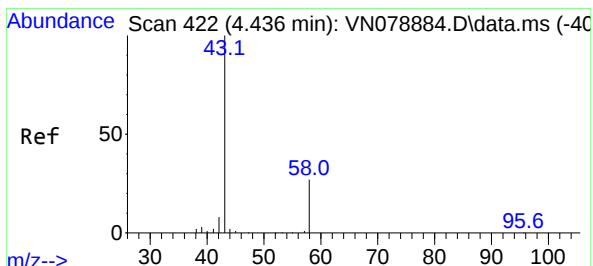
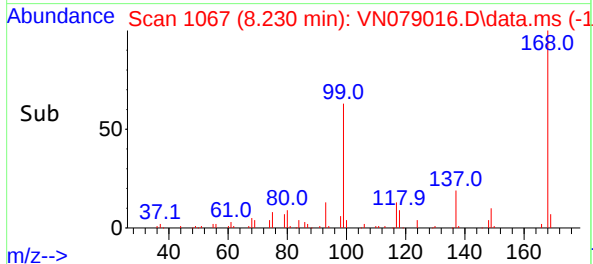
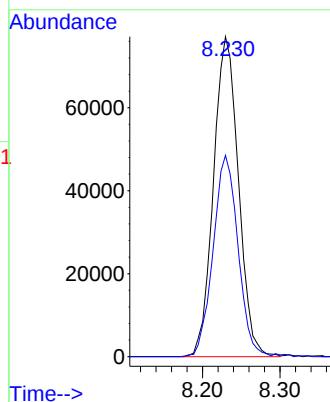
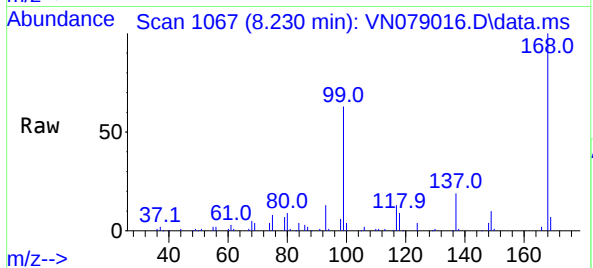




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079016.D
Acq: 23 Aug 2023 15:12

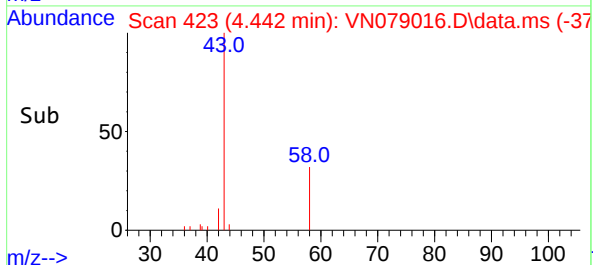
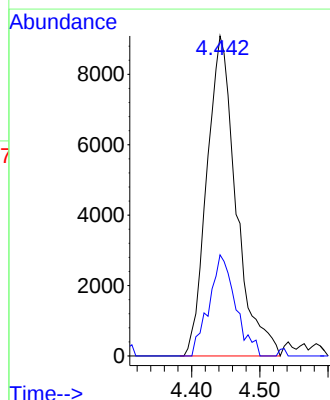
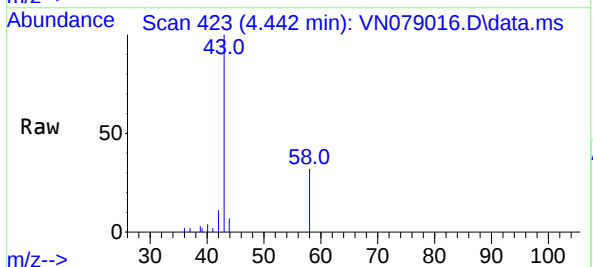
Instrument :
MSVOA_N
ClientSampleId :
TP-C

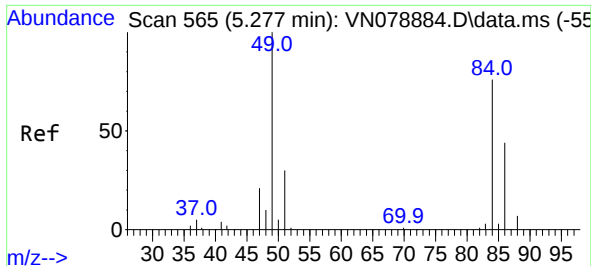
Tgt Ion:168 Resp: 172547
Ion Ratio Lower Upper
168 100
99 62.9 53.0 79.6



#16
Acetone
Concen: 24.488 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN079016.D
Acq: 23 Aug 2023 15:12

Tgt Ion: 43 Resp: 27129
Ion Ratio Lower Upper
43 100
58 31.6 28.0 42.0



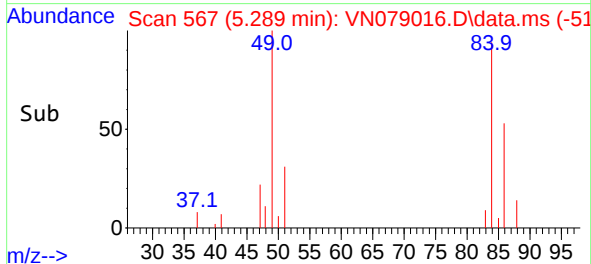
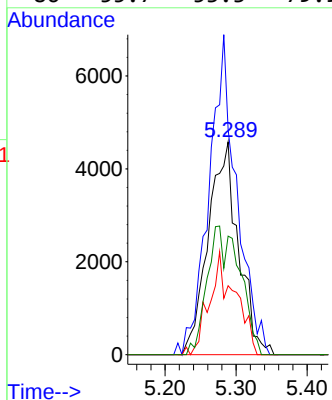
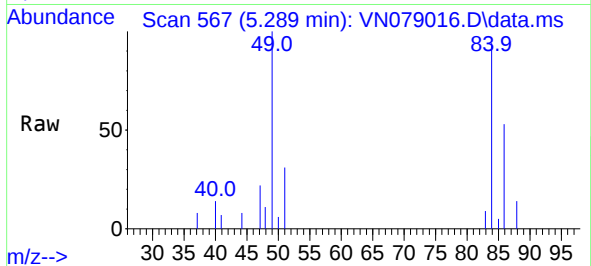


#20
Methylene Chloride
Concen: 5.752 ug/l
RT: 5.289 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN079016.D
Acq: 23 Aug 2023 15:12

Instrument :
MSVOA_N
ClientSampleId :
TP-C

Tgt Ion: 84 Resp: 13580

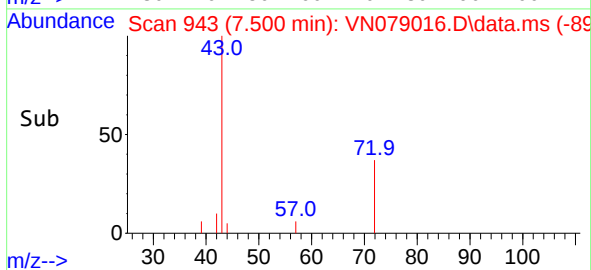
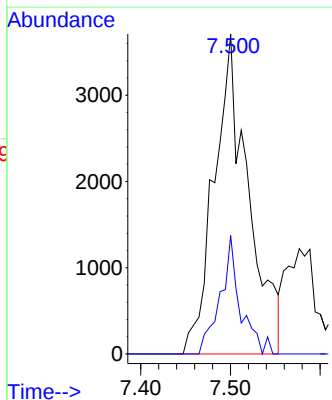
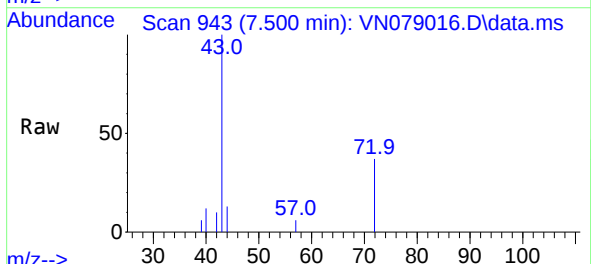
Ion	Ratio	Lower	Upper
84	100		
49	105.9	79.7	119.5
51	32.4	25.2	37.8
86	55.7	53.3	79.9

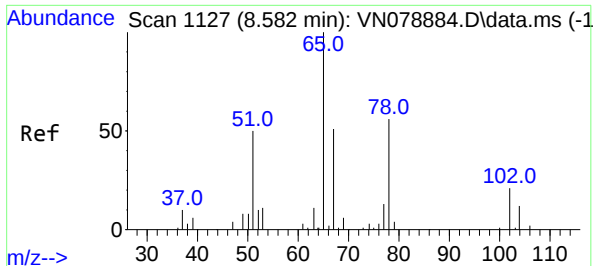


#25
2-Butanone
Concen: 5.518 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN079016.D
Acq: 23 Aug 2023 15:12

Tgt Ion: 43 Resp: 9801

Ion	Ratio	Lower	Upper
43	100		
72	37.0	30.2	45.2

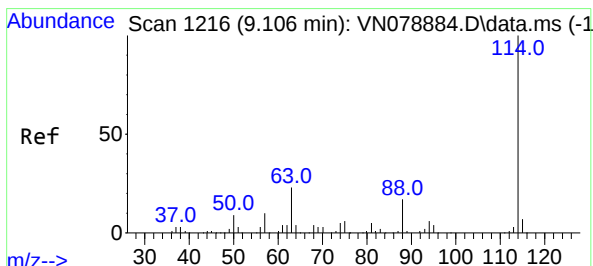
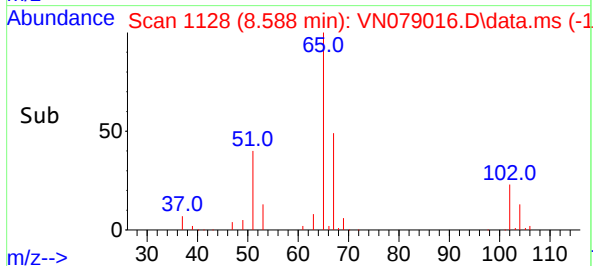
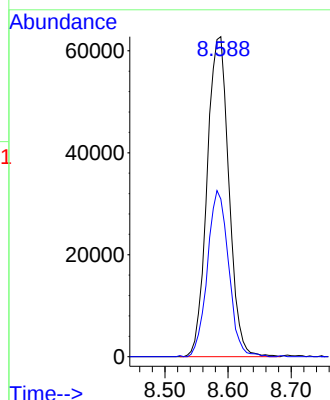
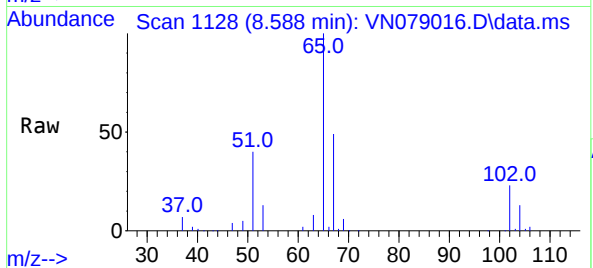




#33
1,2-Dichloroethane-d4
Concen: 56.024 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.005 min
Lab File: VN079016.D
Acq: 23 Aug 2023 15:12

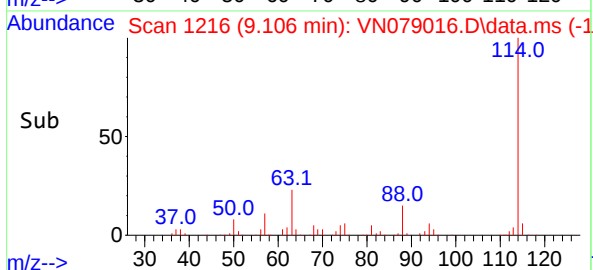
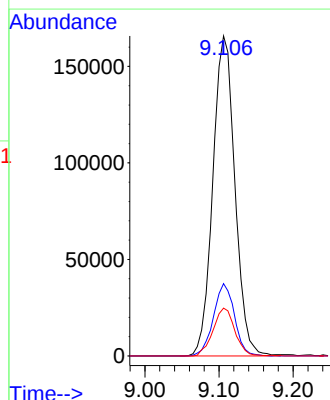
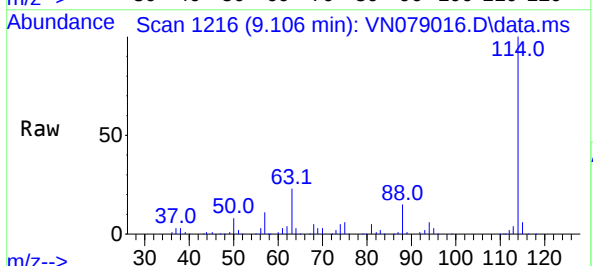
Instrument :
MSVOA_N
ClientSampleId :
TP-C

Tgt Ion: 65 Resp: 150423
Ion Ratio Lower Upper
65 100
67 50.5 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: VN079016.D
Acq: 23 Aug 2023 15:12

Tgt Ion: 114 Resp: 343045
Ion Ratio Lower Upper
114 100
63 22.6 0.0 36.4
88 15.0 0.0 30.6

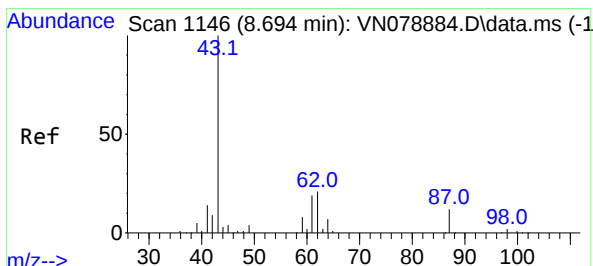
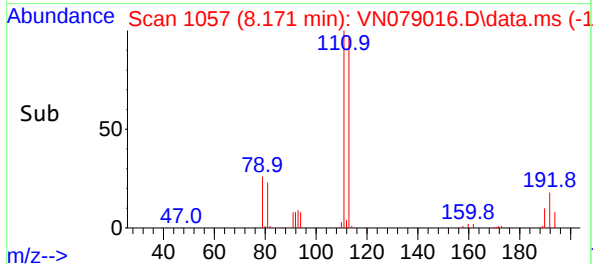
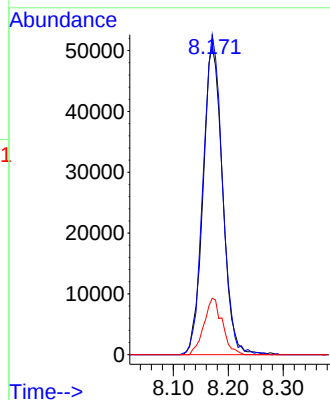
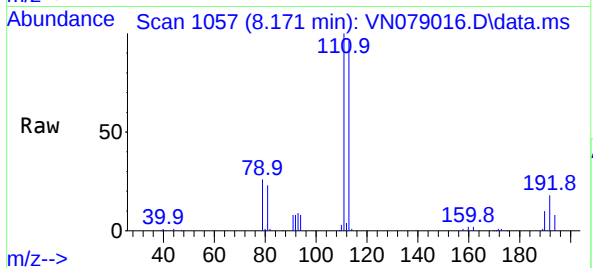




#35
Dibromofluoromethane
Concen: 54.198 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079016.D
Acq: 23 Aug 2023 15:12

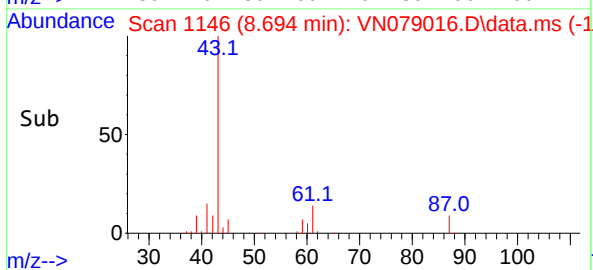
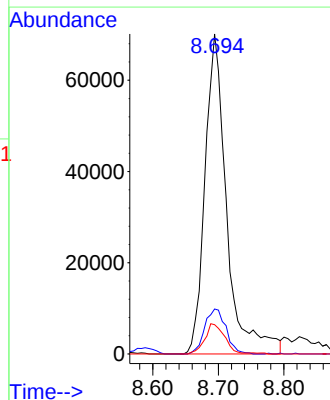
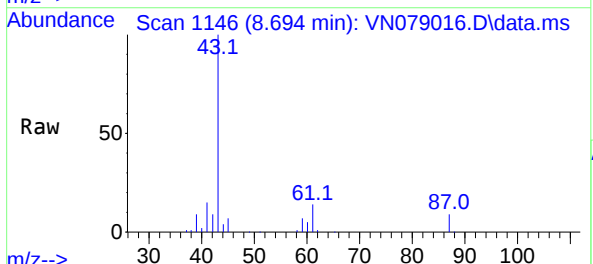
Instrument :
MSVOA_N
ClientSampleId :
TP-C

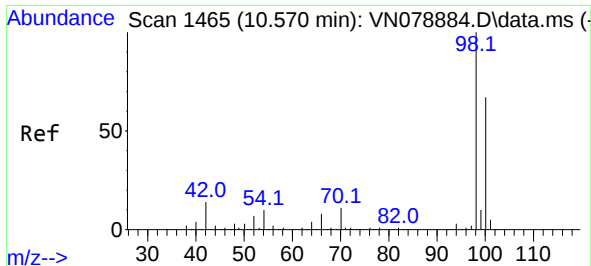
Tgt Ion:113 Resp: 125153
Ion Ratio Lower Upper
113 100
111 102.2 82.6 123.8
192 17.2 12.7 19.1



#43
Isopropyl Acetate
Concen: 23.581 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079016.D
Acq: 23 Aug 2023 15:12

Tgt Ion: 43 Resp: 161987
Ion Ratio Lower Upper
43 100
61 13.8 24.7 37.1#
87 8.6 14.6 21.8#

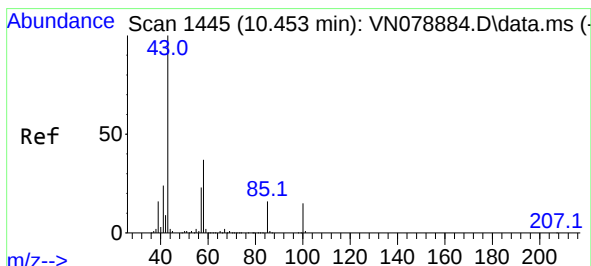
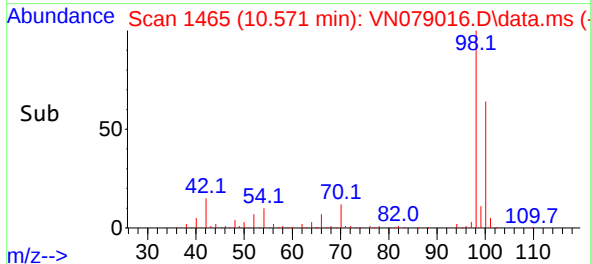
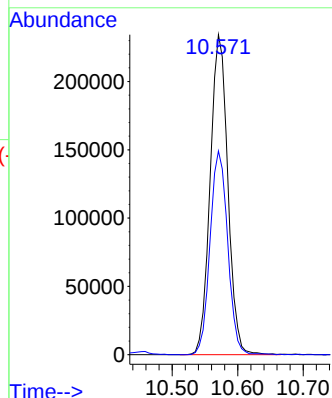
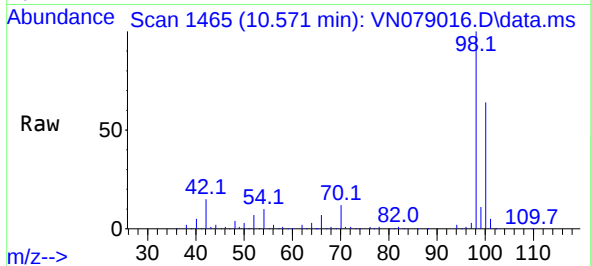




#50
Toluene-d8
Concen: 51.134 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079016.D
Acq: 23 Aug 2023 15:12

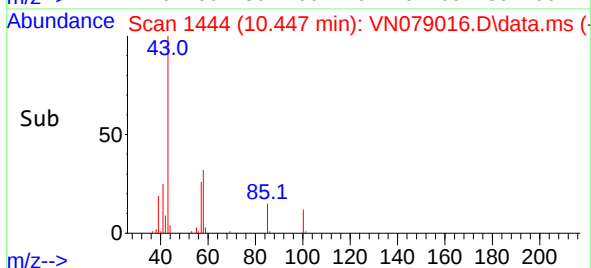
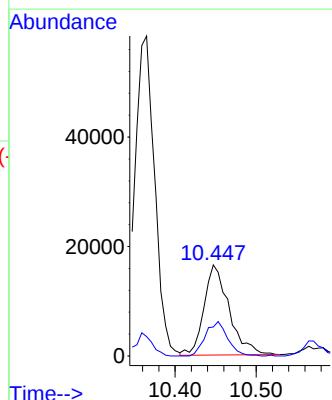
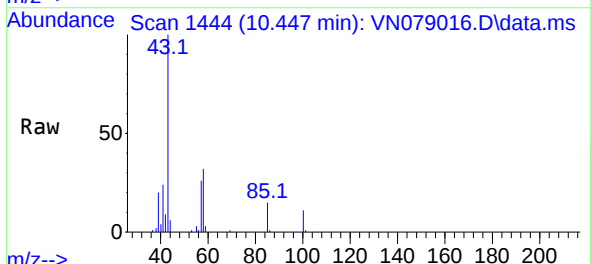
Instrument :
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ClientSampleId :
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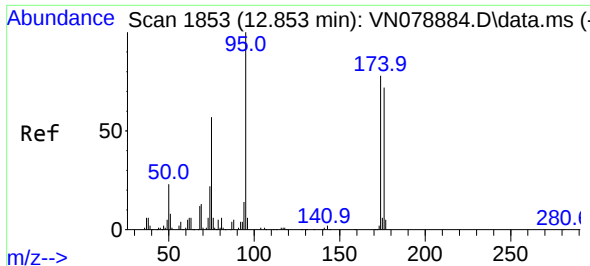
Tgt Ion: 98 Resp: 438432
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 8.708 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079016.D
Acq: 23 Aug 2023 15:12

Tgt Ion: 43 Resp: 35478
Ion Ratio Lower Upper
43 100
58 33.6 36.6 54.8#

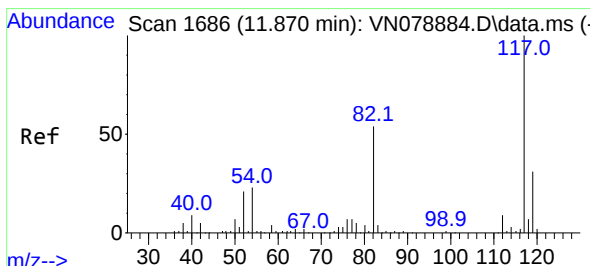
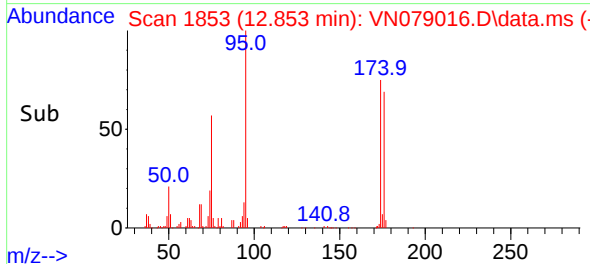
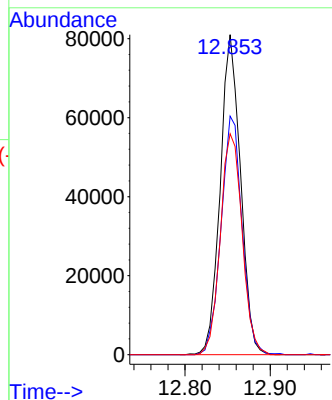
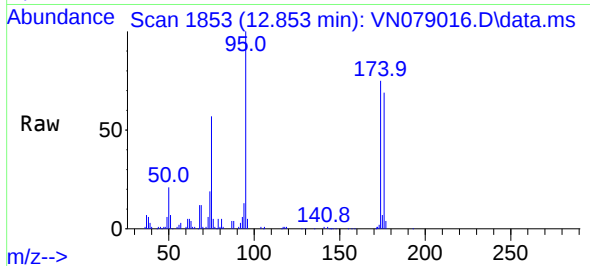




#62
4-Bromofluorobenzene
Concen: 47.729 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079016.D
Acq: 23 Aug 2023 15:12

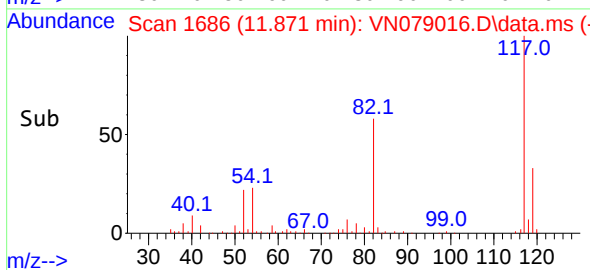
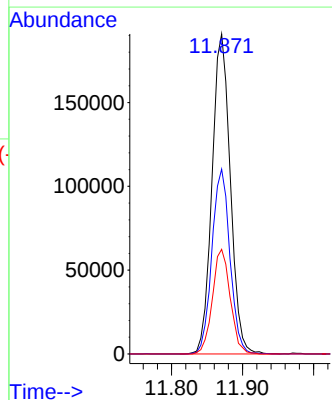
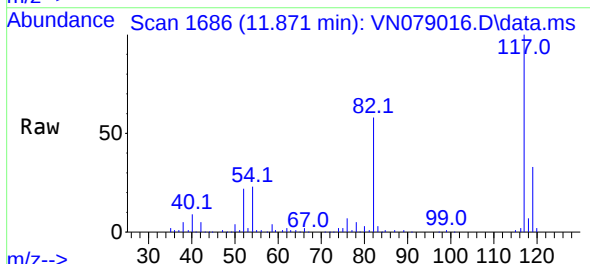
Instrument :
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ClientSampleId :
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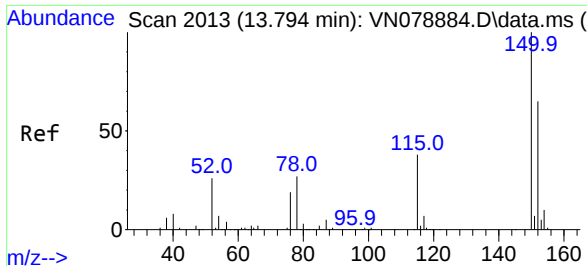
Tgt Ion: 95 Resp: 133763
Ion Ratio Lower Upper
95 100
174 77.1 0.0 143.8
176 74.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079016.D
Acq: 23 Aug 2023 15:12

Tgt Ion: 117 Resp: 341239
Ion Ratio Lower Upper
117 100
82 57.8 44.0 66.0
119 32.7 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: VN079016.D
 Acq: 23 Aug 2023 15:12

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-C

Tgt Ion:152 Resp: 104595
 Ion Ratio Lower Upper
 152 100
 115 58.4 32.3 96.8
 150 154.5 0.0 355.8

