

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082823\
 Data File : VN079067.D
 Acq On : 28 Aug 2023 15:18
 Operator : JC\MD
 Sample : PB155094TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB155094TB

Quant Time: Aug 29 04:05:31 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)

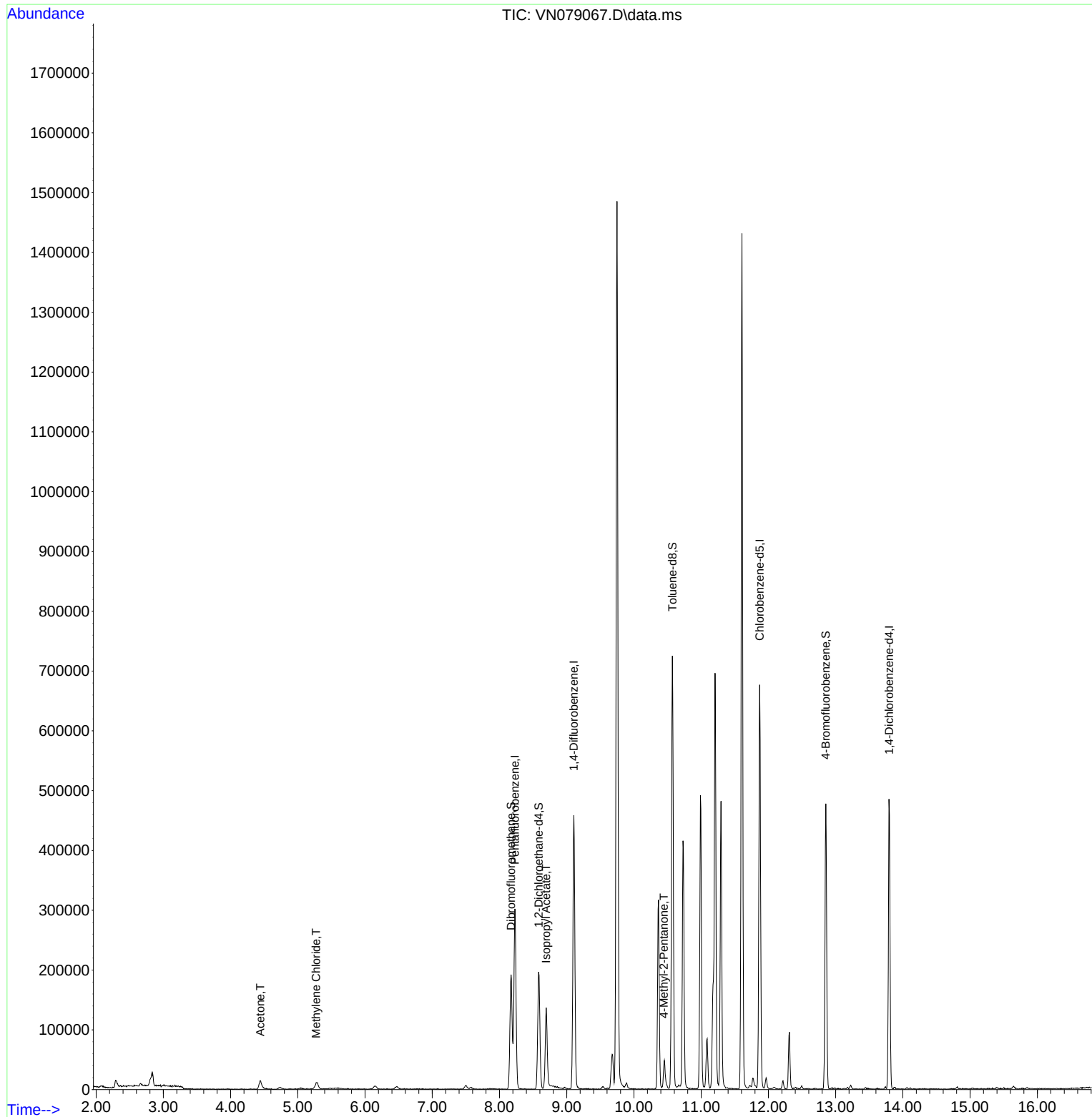
Internal Standards						
1) Pentafluorobenzene	8.230	168	212905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	386093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	375873	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	125277	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	158021	47.698	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.400%
35) Dibromofluoromethane	8.171	113	132615	51.026	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.060%
50) Toluene-d8	10.571	98	488820	50.654	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.300%
62) 4-Bromofluorobenzene	12.853	95	153693	48.725	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.460%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	26311	19.247	ug/l	88
20) Methylene Chloride	5.271	84	8381	2.877	ug/l #	85
43) Isopropyl Acetate	8.694	43	156735	20.273	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	38084	8.305	ug/l #	77

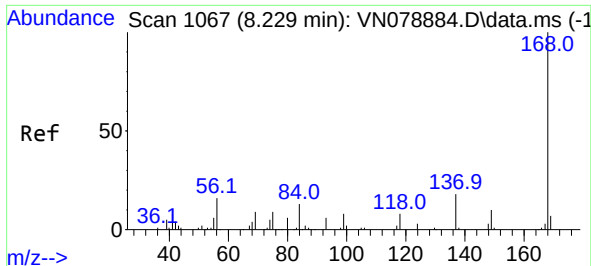
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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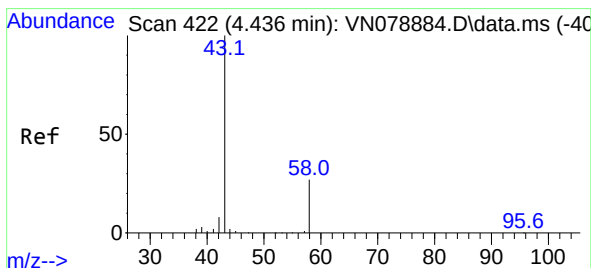
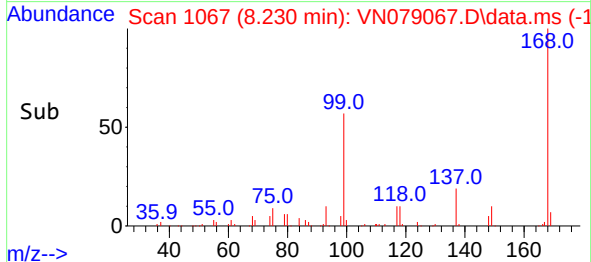
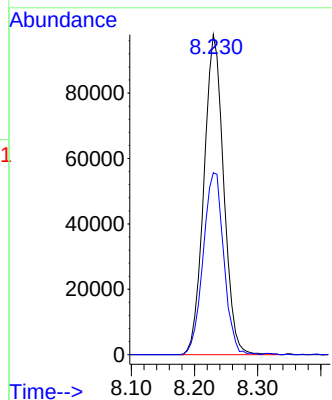
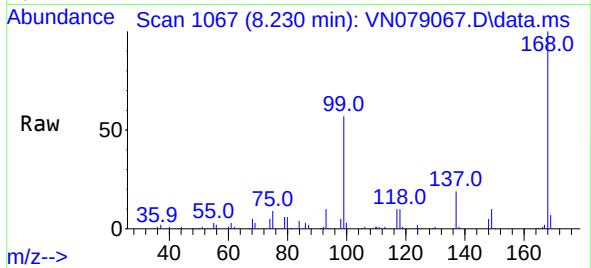




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN079067.D
Acq: 28 Aug 2023 15:18

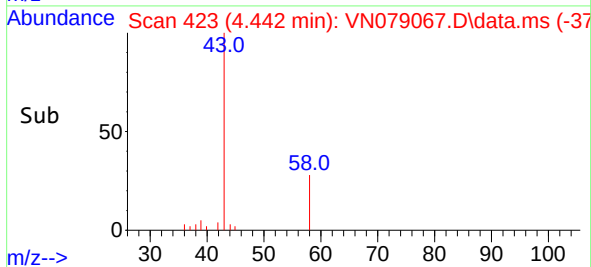
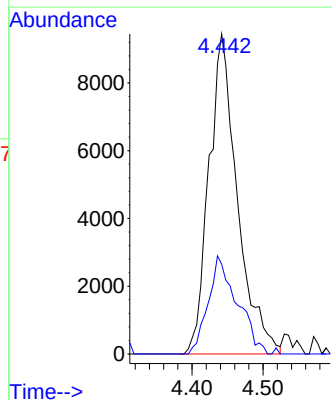
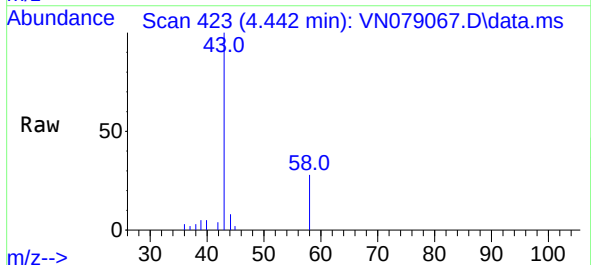
Instrument :
MSVOA_N
ClientSampleId :
PB155094TB

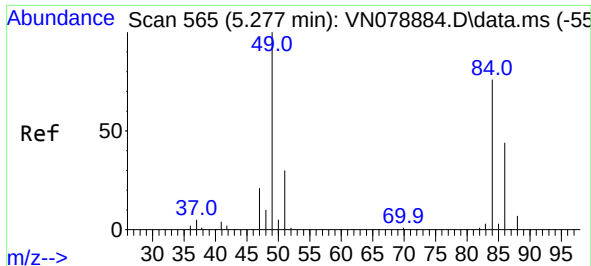
Tgt Ion:168 Resp: 212905
Ion Ratio Lower Upper
168 100
99 56.8 53.0 79.6



#16
Acetone
Concen: 19.247 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN079067.D
Acq: 28 Aug 2023 15:18

Tgt Ion: 43 Resp: 26311
Ion Ratio Lower Upper
43 100
58 28.1 28.0 42.0

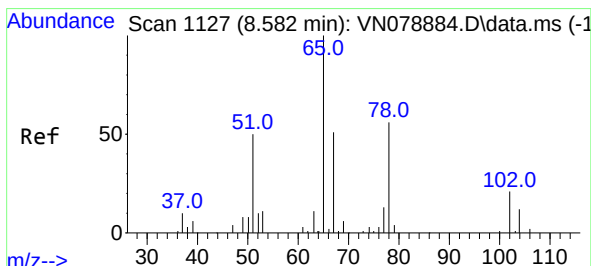
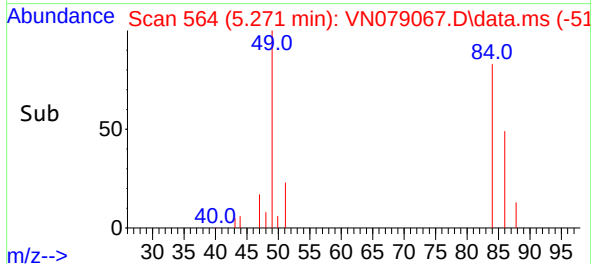
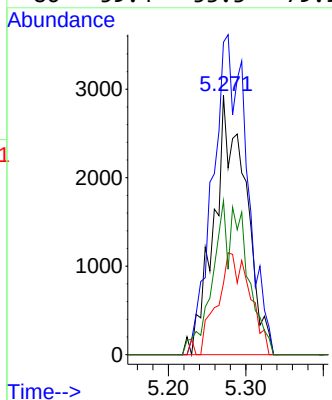
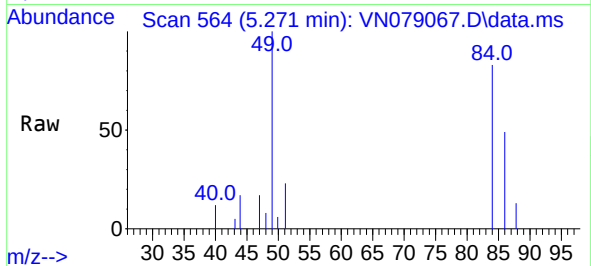




#20
Methylene Chloride
Concen: 2.877 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN079067.D
Acq: 28 Aug 2023 15:18

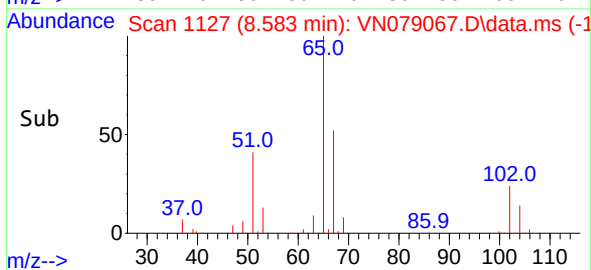
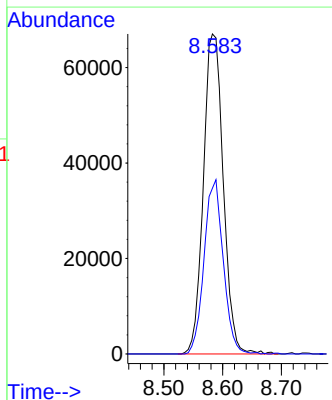
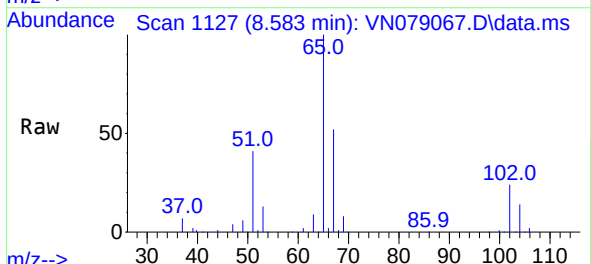
Instrument :
MSVOA_N
ClientSampleId :
PB155094TB

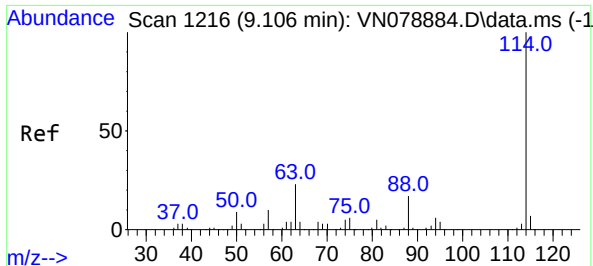
Tgt Ion:	84	Resp:	8381
Ion	Ratio	Lower	Upper
84	100		
49	120.6	79.7	119.5#
51	27.6	25.2	37.8
86	59.4	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 47.698 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079067.D
Acq: 28 Aug 2023 15:18

Tgt Ion:	65	Resp:	158021
Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	106.6

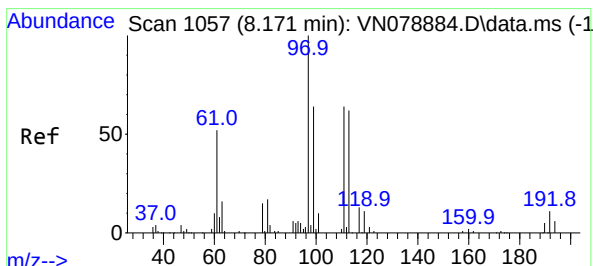
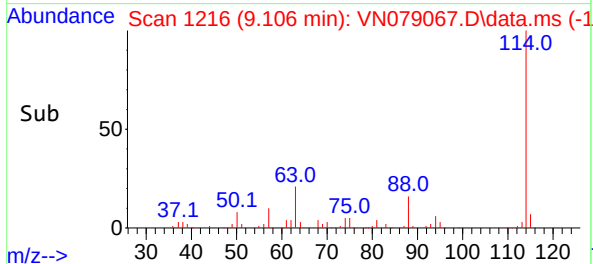
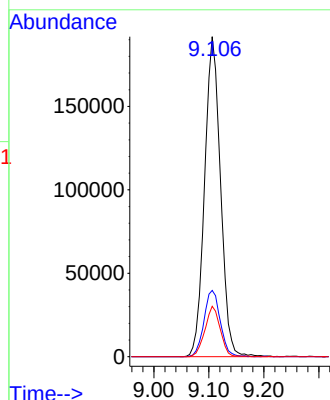
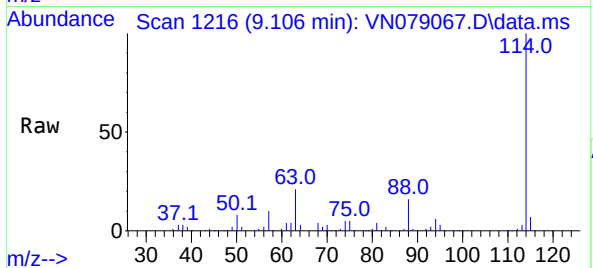




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079067.D
Acq: 28 Aug 2023 15:18

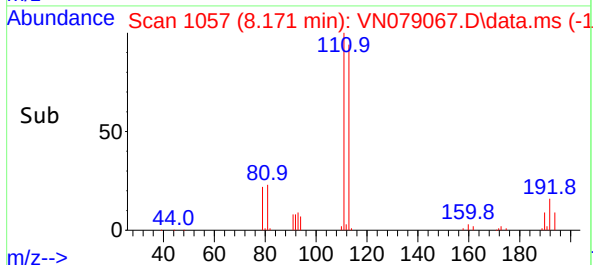
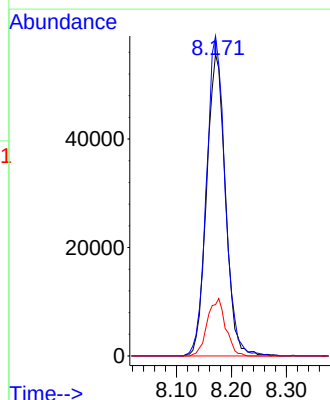
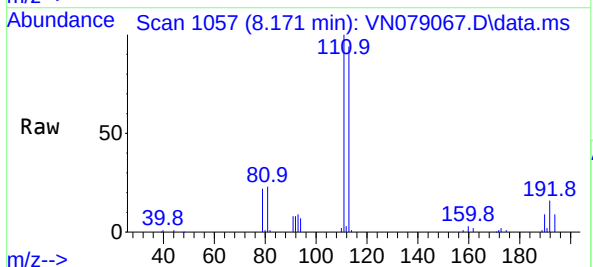
Instrument :
MSVOA_N
ClientSampleId :
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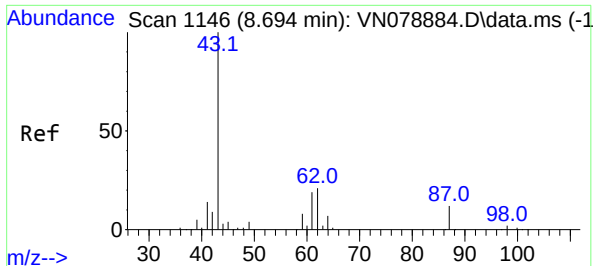
Tgt Ion:114 Resp: 386093
Ion Ratio Lower Upper
114 100
63 20.7 0.0 36.4
88 15.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.026 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079067.D
Acq: 28 Aug 2023 15:18

Tgt Ion:113 Resp: 132615
Ion Ratio Lower Upper
113 100
111 104.9 82.6 123.8
192 18.5 12.7 19.1

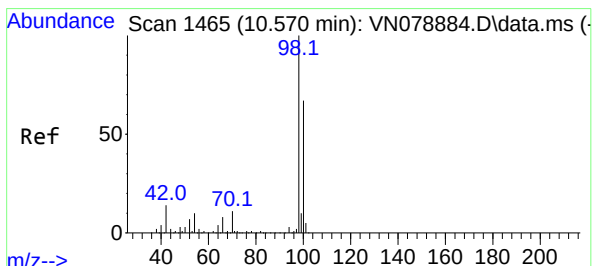
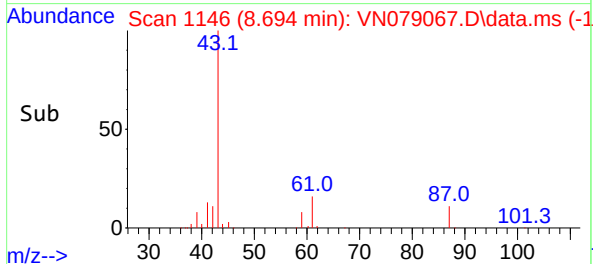
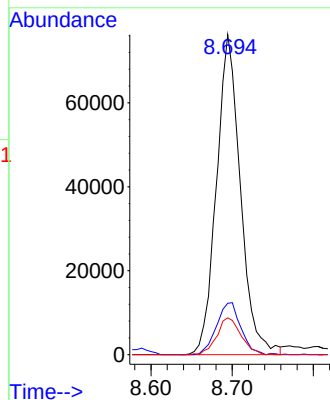
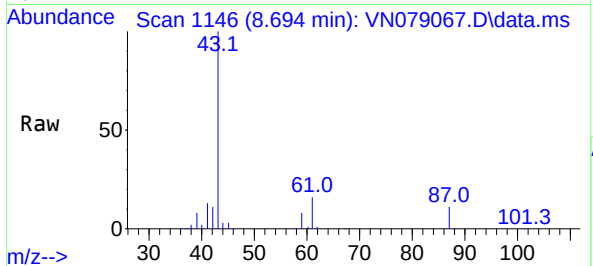




#43
Isopropyl Acetate
Concen: 20.273 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079067.D
Acq: 28 Aug 2023 15:18

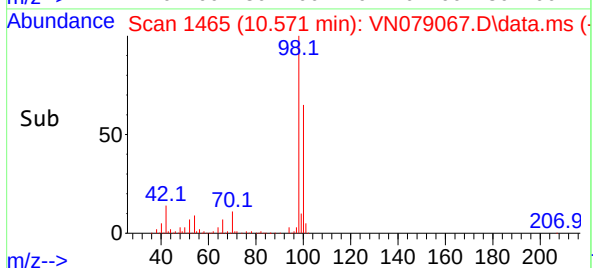
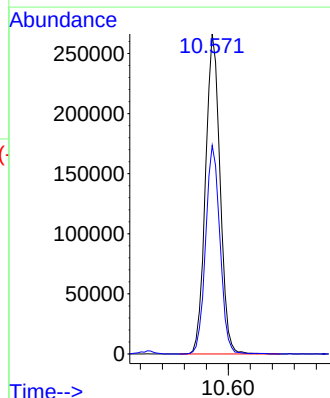
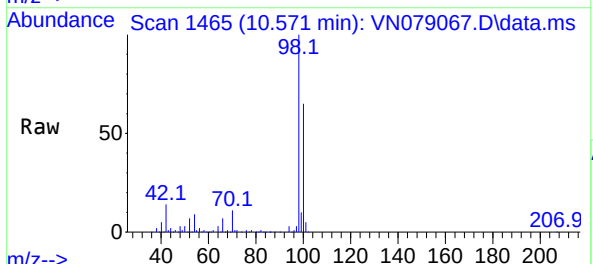
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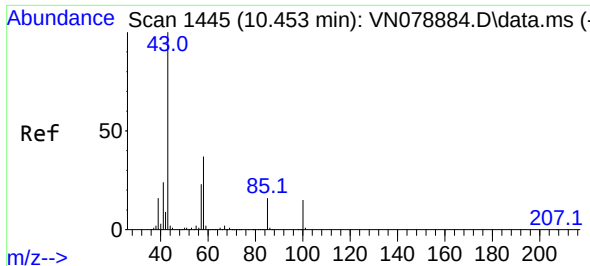
Tgt Ion: 43 Resp: 156735
Ion Ratio Lower Upper
43 100
61 16.5 24.7 37.1#
87 11.6 14.6 21.8#



#50
Toluene-d8
Concen: 50.654 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079067.D
Acq: 28 Aug 2023 15:18

Tgt Ion: 98 Resp: 488820
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0

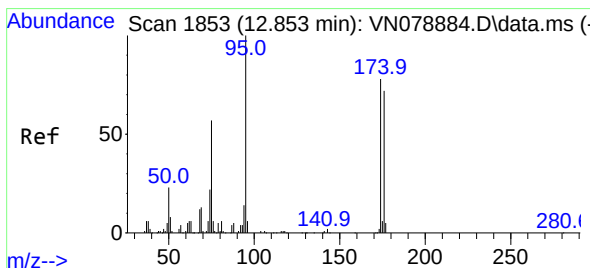
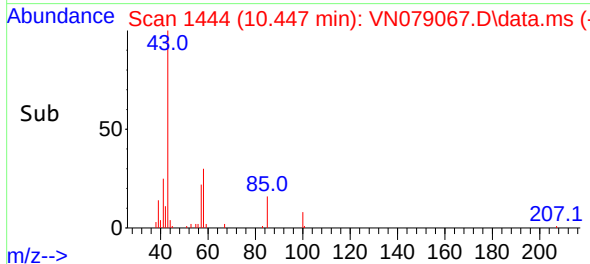
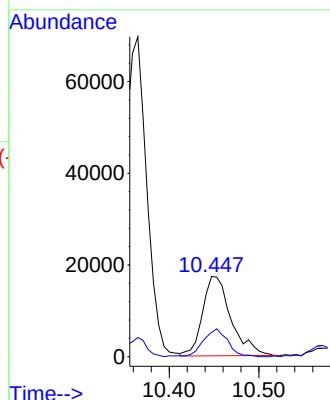
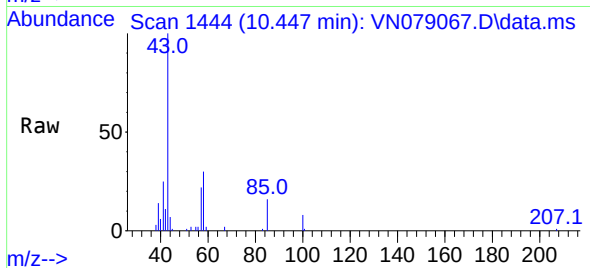




#51
4-Methyl-2-Pentanone
Concen: 8.305 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079067.D
Acq: 28 Aug 2023 15:18

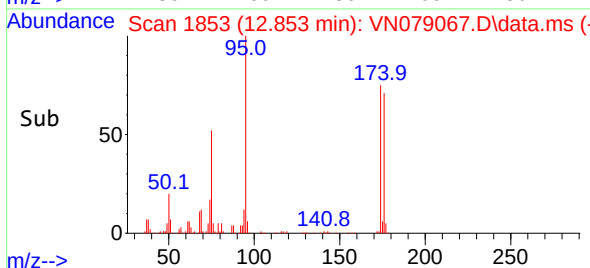
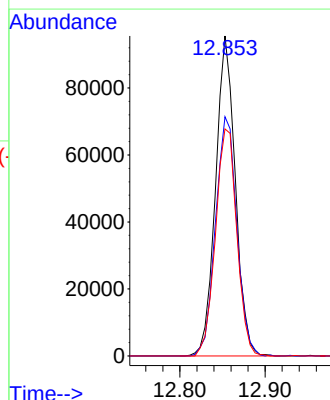
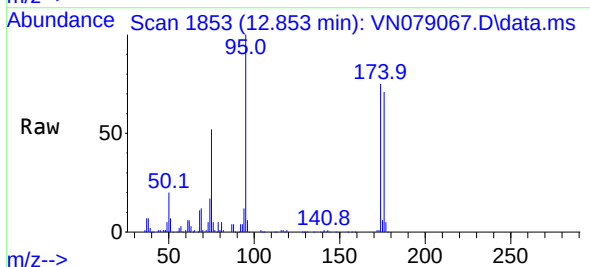
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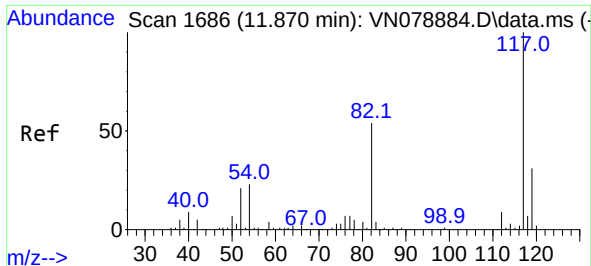
Tgt Ion: 43 Resp: 38084
Ion Ratio Lower Upper
43 100
58 30.4 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 48.725 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079067.D
Acq: 28 Aug 2023 15:18

Tgt Ion: 95 Resp: 153693
Ion Ratio Lower Upper
95 100
174 80.8 0.0 143.8
176 76.7 0.0 135.8

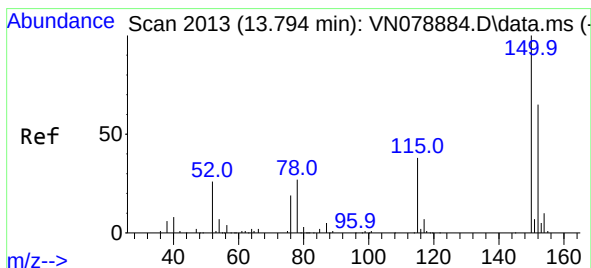
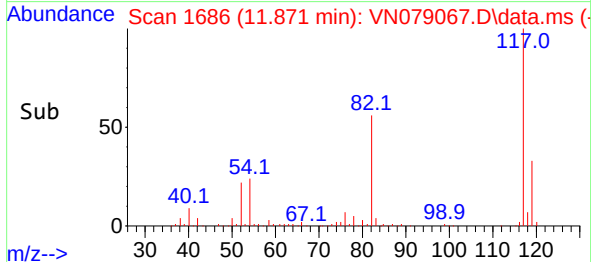
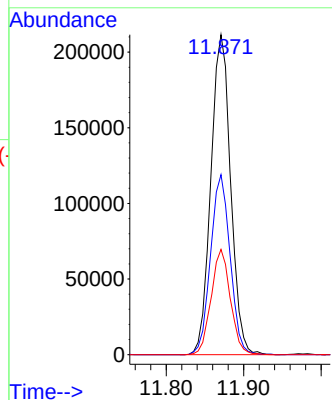
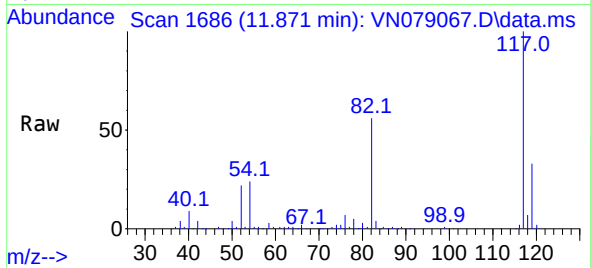




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079067.D
Acq: 28 Aug 2023 15:18

Instrument :
MSVOA_N
ClientSampleId :
PB155094TB

Tgt Ion:117 Resp: 375873
Ion Ratio Lower Upper
117 100
82 56.3 44.0 66.0
119 32.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079067.D
Acq: 28 Aug 2023 15:18

Tgt Ion:152 Resp: 125277
Ion Ratio Lower Upper
152 100
115 59.8 32.3 96.8
150 152.9 0.0 355.8

