

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090223\
 Data File : VN079143.D
 Acq On : 02 Sep 2023 15:11
 Operator : JC\MD
 Sample : PB155301ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB155301ZHE#05

Quant Time: Sep 04 01:04:31 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)

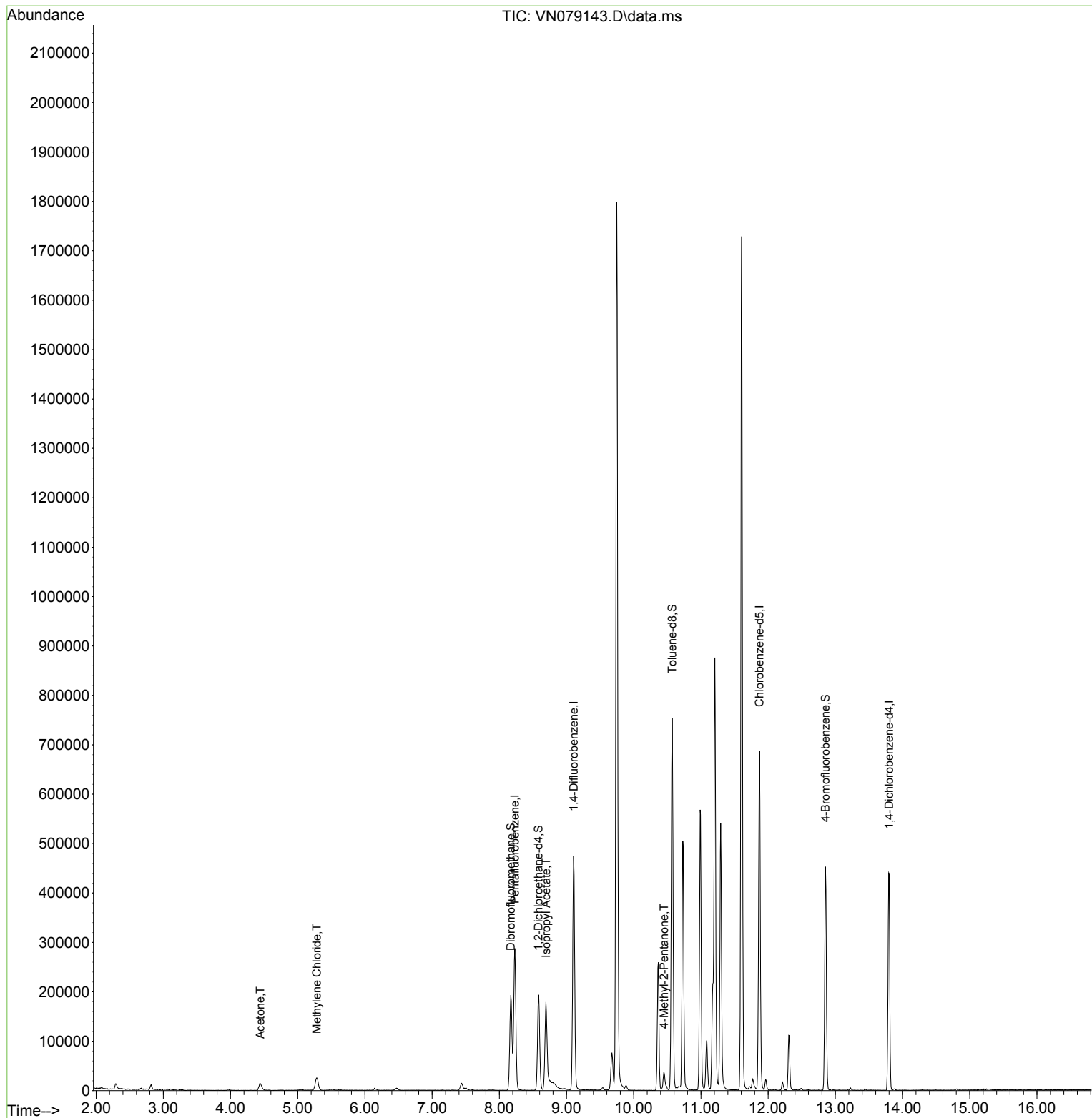
Internal Standards						
1) Pentafluorobenzene	8.230	168	210027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	411274	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	411521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	124376	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	158625	48.536	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.080%
35) Dibromofluoromethane	8.171	113	139375	50.343	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.680%
50) Toluene-d8	10.571	98	533269	51.876	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.760%
62) 4-Bromofluorobenzene	12.853	95	162385	48.329	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.660%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	28175	20.893	ug/l	92
20) Methylene Chloride	5.283	84	19681	6.849	ug/l #	81
43) Isopropyl Acetate	8.694	43	217178	26.371	ug/l #	77
51) 4-Methyl-2-Pentanone	10.453	43	29480	6.035	ug/l #	82

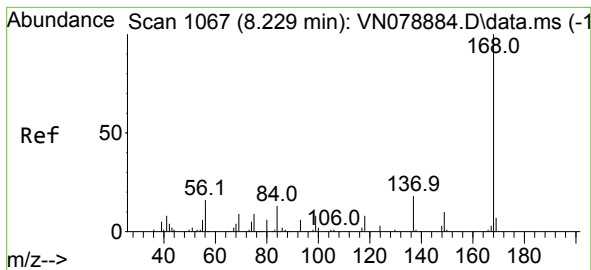
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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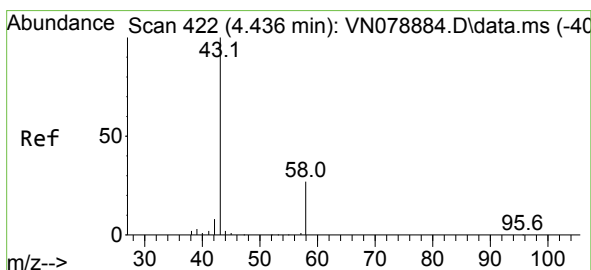
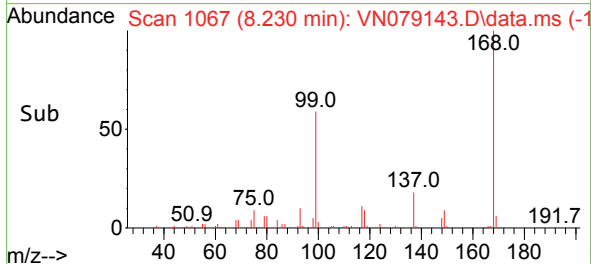
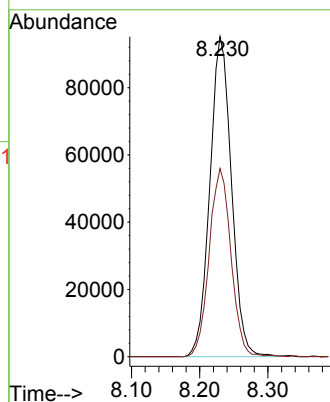
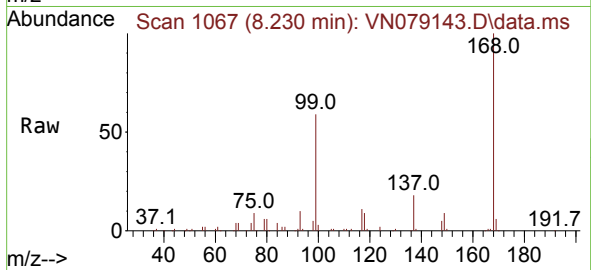




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079143.D
Acq: 02 Sep 2023 15:11

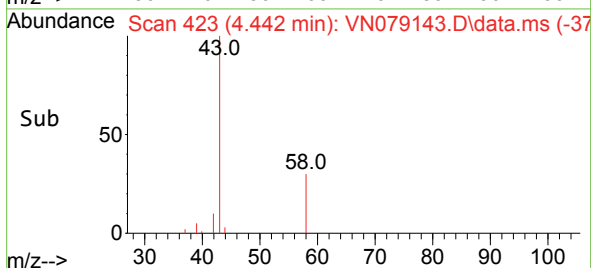
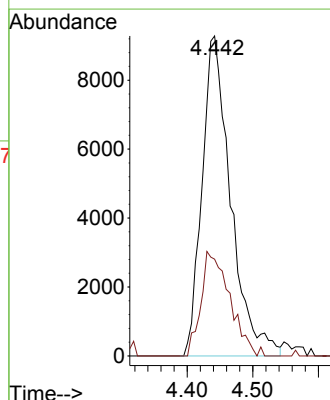
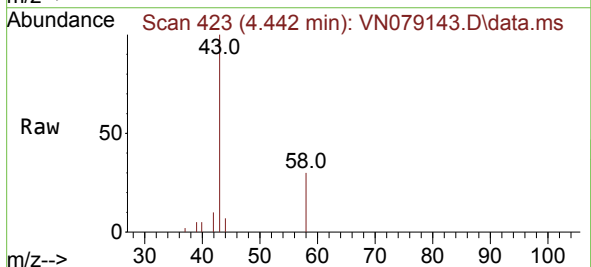
Instrument :
MSVOA_N
ClientSampleId :
PB155301ZHE#05

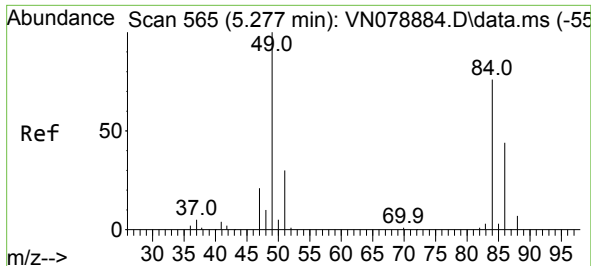
Tgt Ion:168 Resp: 210027
Ion Ratio Lower Upper
168 100
99 58.8 53.0 79.6



#16
Acetone
Concen: 20.893 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN079143.D
Acq: 02 Sep 2023 15:11

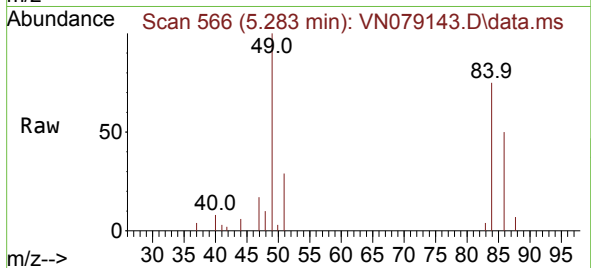
Tgt Ion: 43 Resp: 28175
Ion Ratio Lower Upper
43 100
58 30.2 28.0 42.0



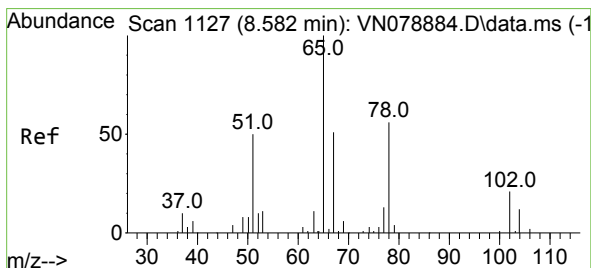
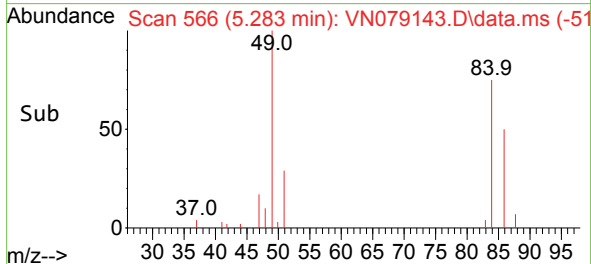
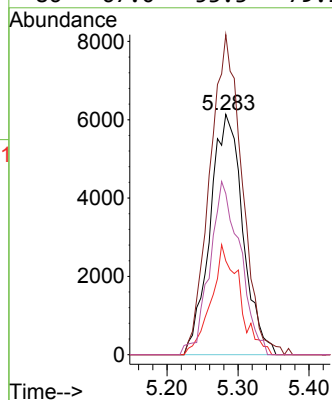


#20
Methylene Chloride
Concen: 6.849 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN079143.D
Acq: 02 Sep 2023 15:11

Instrument :
MSVOA_N
ClientSampleId :
PB155301ZHE#05

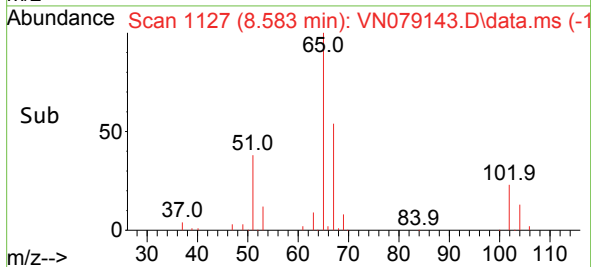
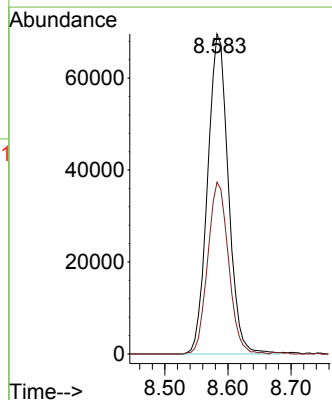
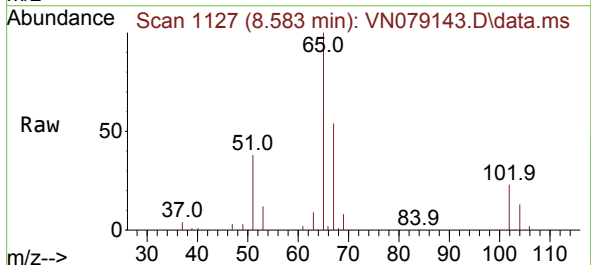


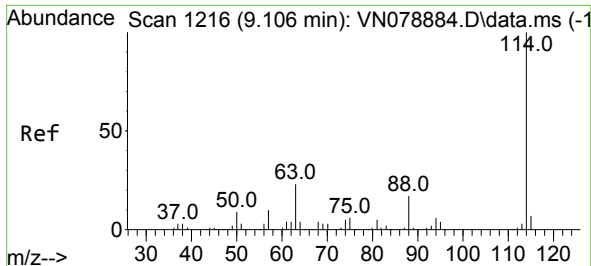
Tgt Ion:	84	Resp:	19681
Ion	Ratio	Lower	Upper
84	100		
49	133.2	79.7	119.5#
51	39.0	25.2	37.8#
86	67.0	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 48.536 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079143.D
Acq: 02 Sep 2023 15:11

Tgt Ion:	65	Resp:	158625
Ion	Ratio	Lower	Upper
65	100		
67	53.9	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: VN079143.D

Acq: 02 Sep 2023 15:11

Instrument :

MSVOA_N

ClientSampleId :

PB155301ZHE#05

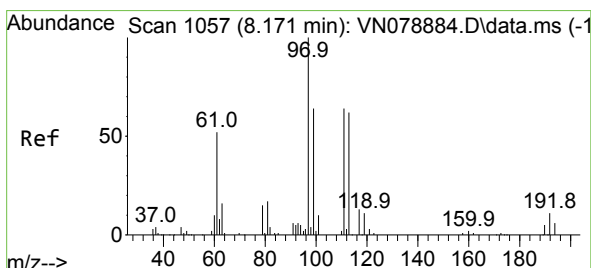
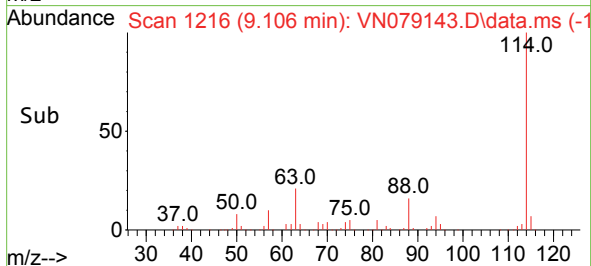
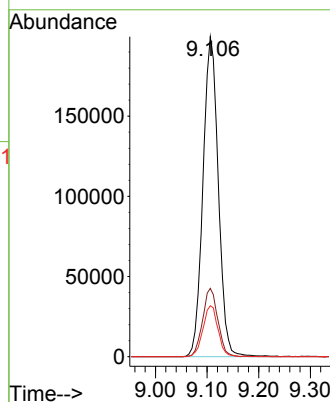
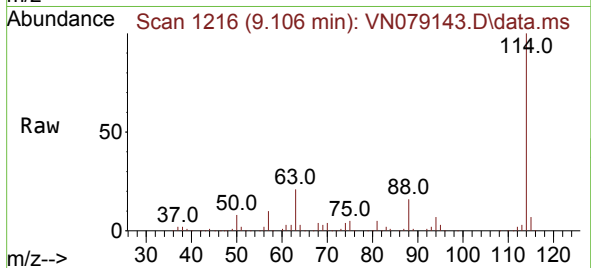
Tgt Ion:114 Resp: 411274

Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.4

88 15.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.343 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079143.D

Acq: 02 Sep 2023 15:11

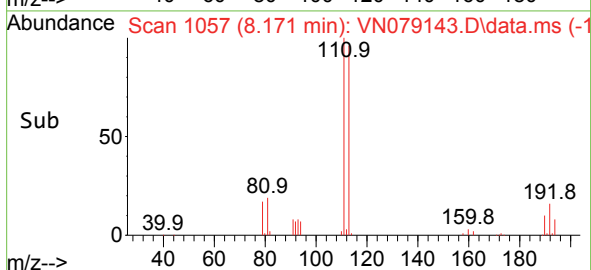
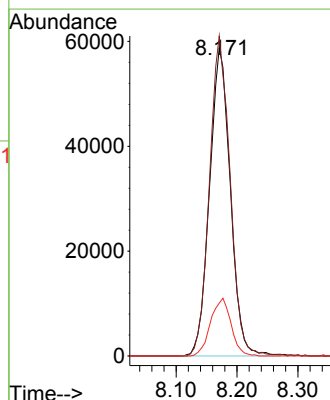
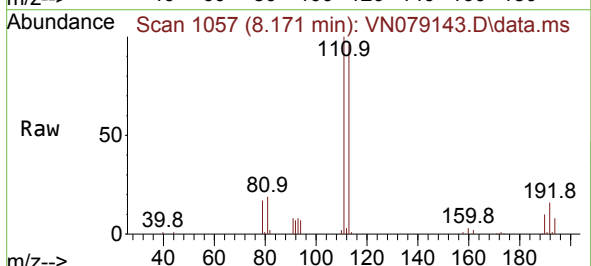
Tgt Ion:113 Resp: 139375

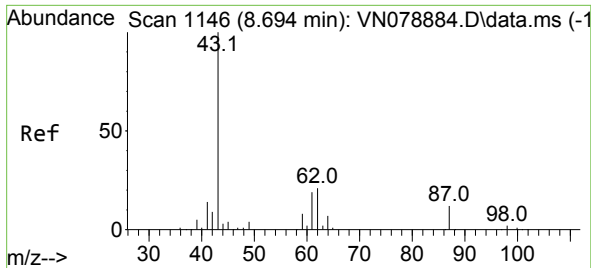
Ion Ratio Lower Upper

113 100

111 103.2 82.6 123.8

192 18.5 12.7 19.1

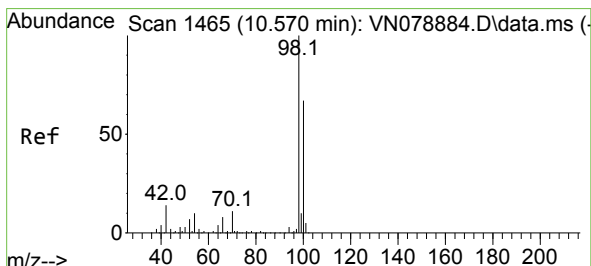
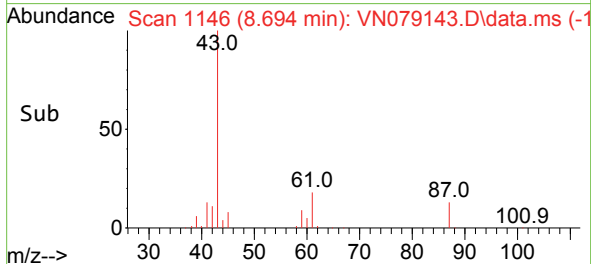
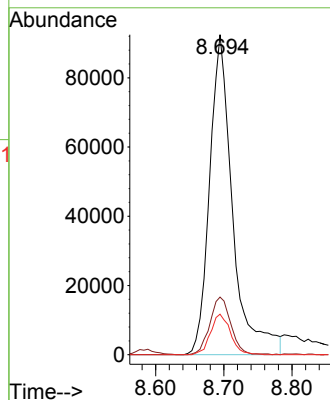
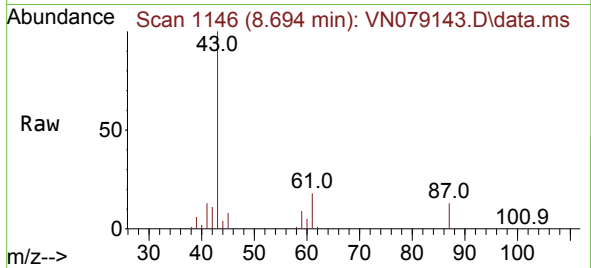




#43
Isopropyl Acetate
Concen: 26.371 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079143.D
Acq: 02 Sep 2023 15:11

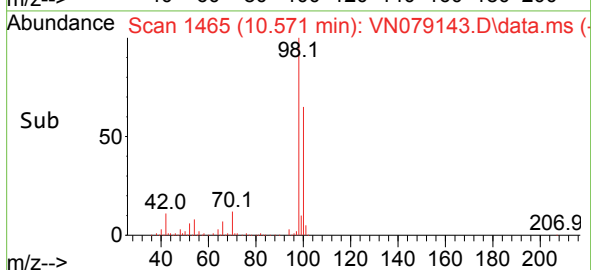
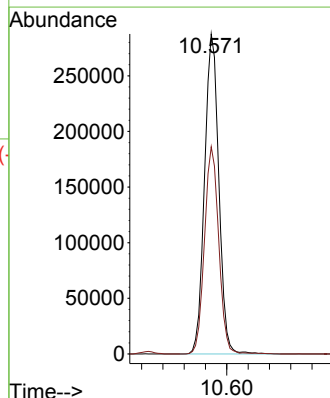
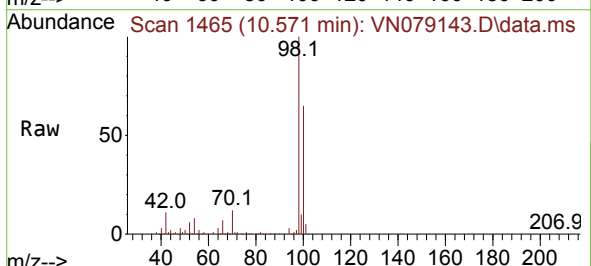
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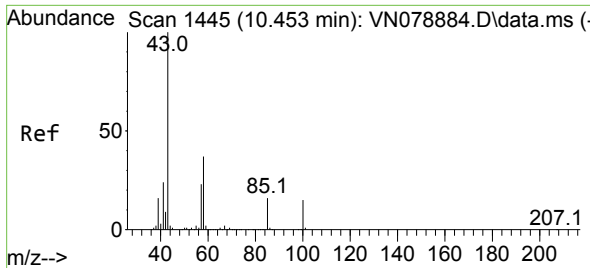
Tgt Ion: 43 Resp: 217178
Ion Ratio Lower Upper
43 100
61 16.4 24.7 37.1#
87 11.0 14.6 21.8#



#50
Toluene-d8
Concen: 51.876 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079143.D
Acq: 02 Sep 2023 15:11

Tgt Ion: 98 Resp: 533269
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0

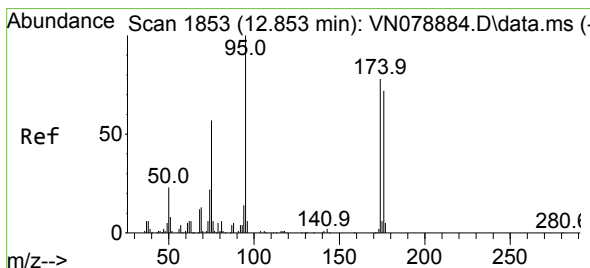
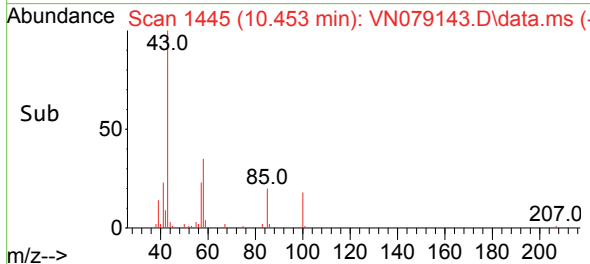
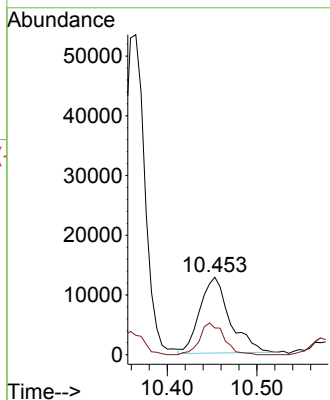
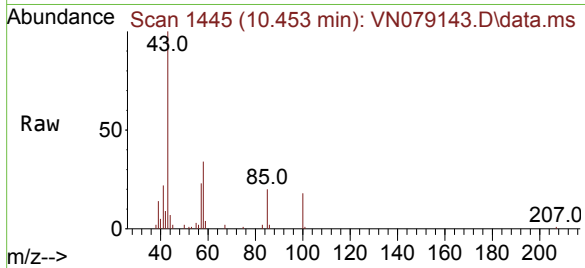




#51
4-Methyl-2-Pentanone
Concen: 6.035 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN079143.D
Acq: 02 Sep 2023 15:11

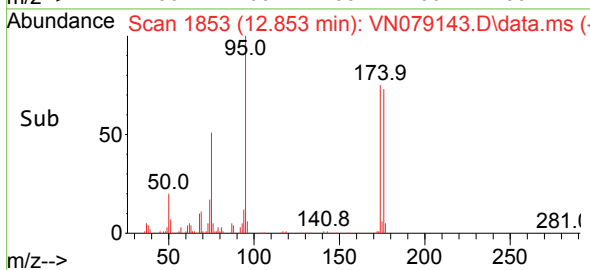
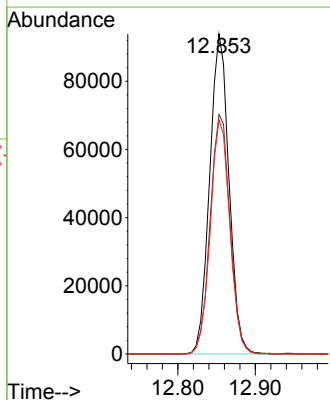
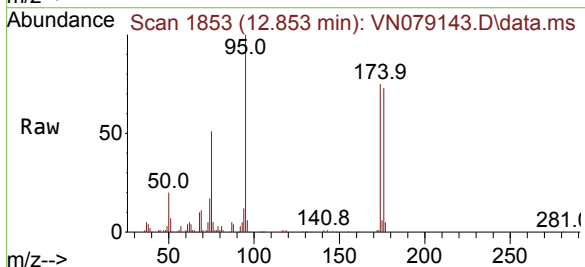
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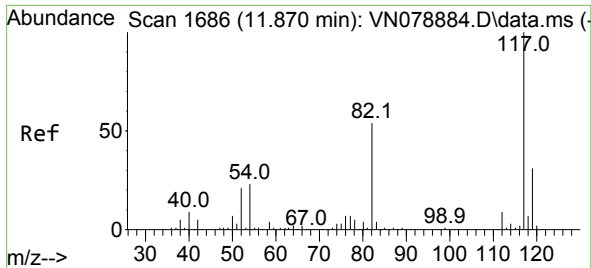
Tgt Ion: 43 Resp: 29480
Ion Ratio Lower Upper
43 100
58 33.7 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 48.329 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079143.D
Acq: 02 Sep 2023 15:11

Tgt Ion: 95 Resp: 162385
Ion Ratio Lower Upper
95 100
174 77.2 0.0 143.8
176 73.5 0.0 135.8

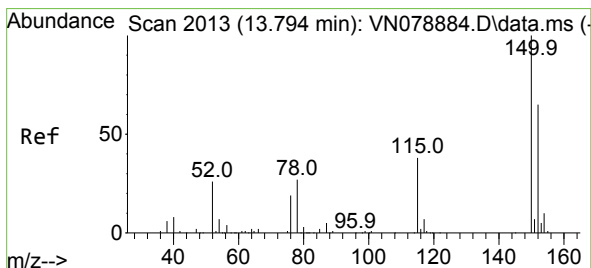
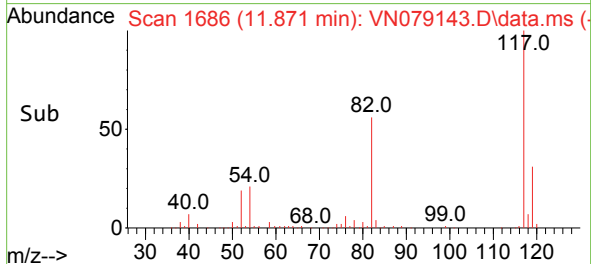
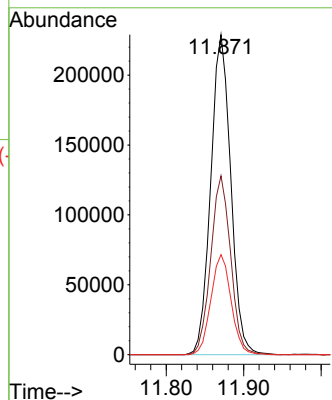
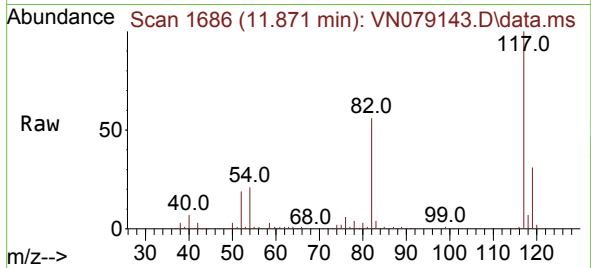




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079143.D
Acq: 02 Sep 2023 15:11

Instrument :
MSVOA_N
ClientSampleId :
PB155301ZHE#05

Tgt Ion:117 Resp: 411521
Ion Ratio Lower Upper
117 100
82 55.9 44.0 66.0
119 31.3 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: VN079143.D
Acq: 02 Sep 2023 15:11

Tgt Ion:152 Resp: 124376
Ion Ratio Lower Upper
152 100
115 60.7 32.3 96.8
150 160.2 0.0 355.8

