

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090223\
 Data File : VN079144.D
 Acq On : 02 Sep 2023 15:35
 Operator : JC\MD
 Sample : PB155301ZHE#06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB155301ZHE#06

Quant Time: Sep 04 01:04:57 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)

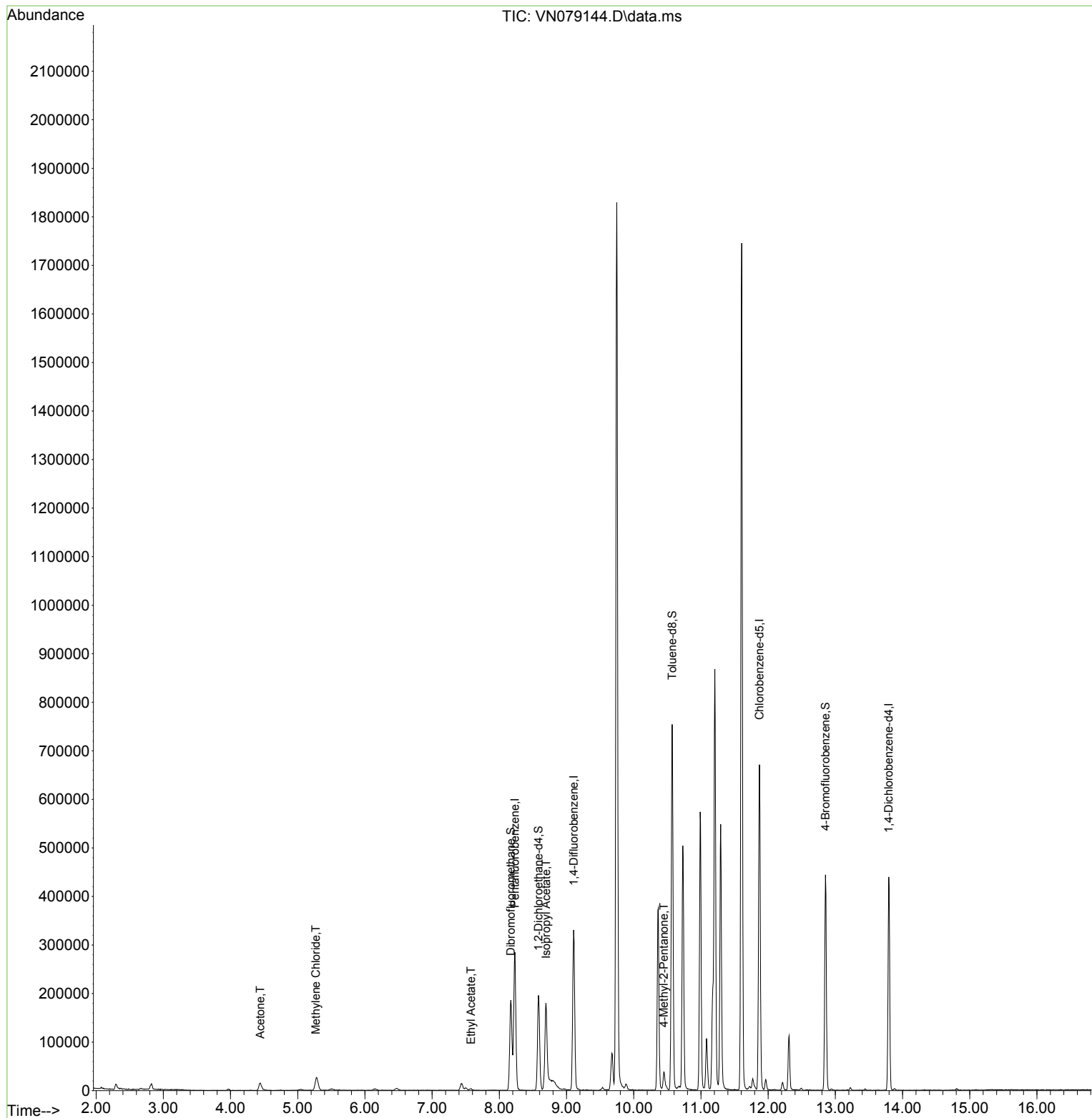
Internal Standards						
1) Pentafluorobenzene	8.230	168	207740	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	290153	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	401625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	120780	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	161459	49.947	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.900%
35) Dibromofluoromethane	8.171	113	135711	69.483	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	138.960%#
50) Toluene-d8	10.571	98	526928	72.657	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	145.320%#
62) 4-Bromofluorobenzene	12.853	95	161070	67.949	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	135.900%#
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	29662	22.238	ug/l	97
20) Methylene Chloride	5.271	84	21208	7.461	ug/l #	91
37) Ethyl Acetate	7.577	43	5052	1.537	ug/l #	87
43) Isopropyl Acetate	8.694	43	225746	38.853	ug/l #	77
51) 4-Methyl-2-Pentanone	10.447	43	31637	9.181	ug/l #	85

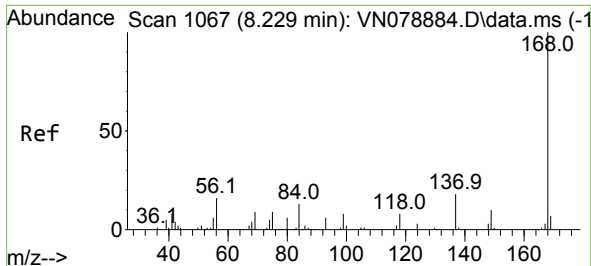
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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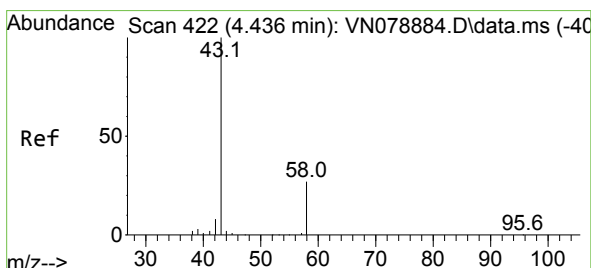
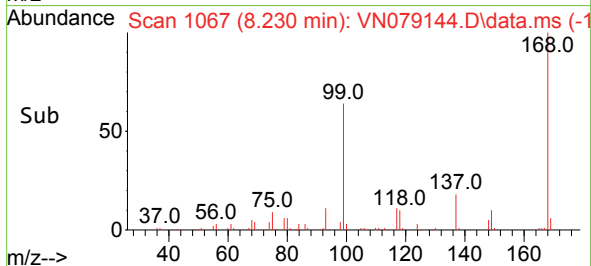
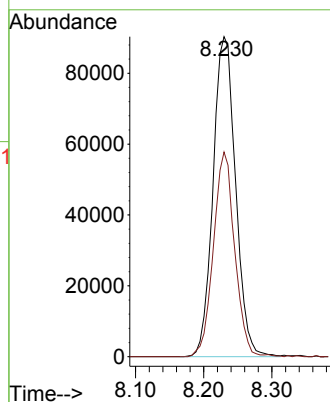
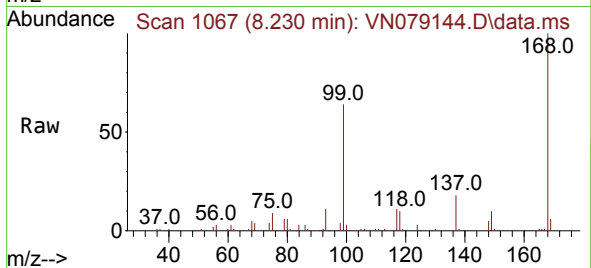




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079144.D
Acq: 02 Sep 2023 15:35

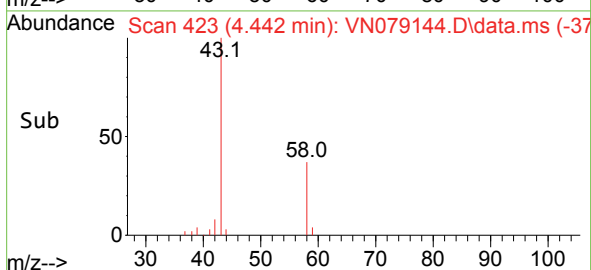
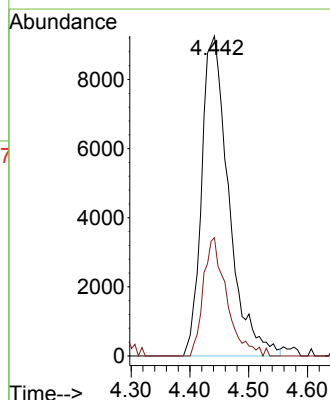
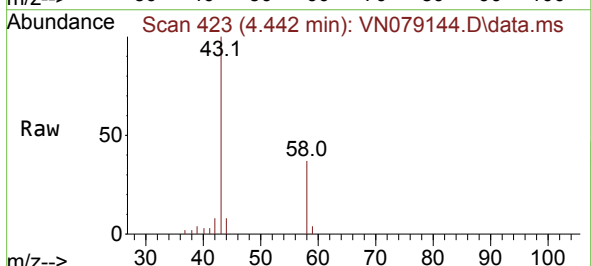
Instrument :
MSVOA_N
ClientSampleId :
PB155301ZHE#06

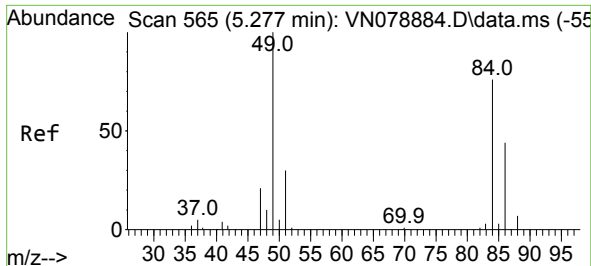
Tgt Ion:168 Resp: 207740
Ion Ratio Lower Upper
168 100
99 64.0 53.0 79.6



#16
Acetone
Concen: 22.238 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN079144.D
Acq: 02 Sep 2023 15:35

Tgt Ion: 43 Resp: 29662
Ion Ratio Lower Upper
43 100
58 37.0 28.0 42.0

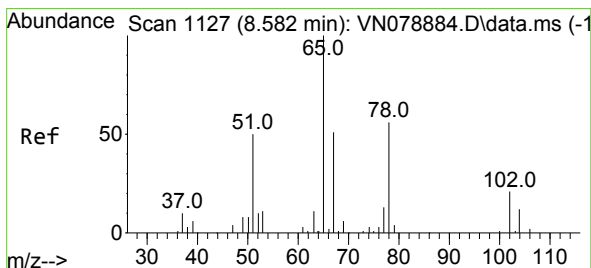
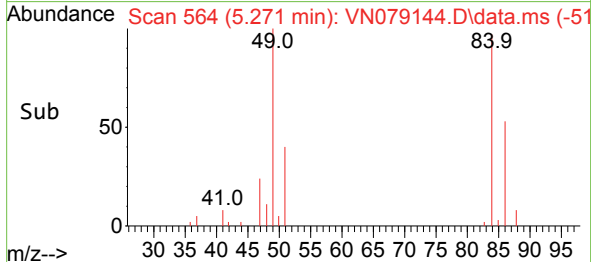
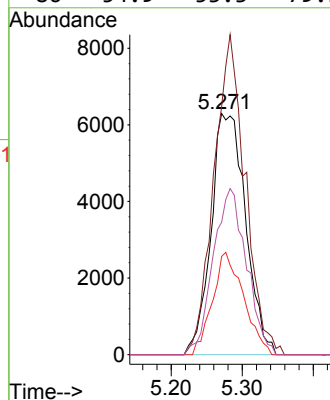
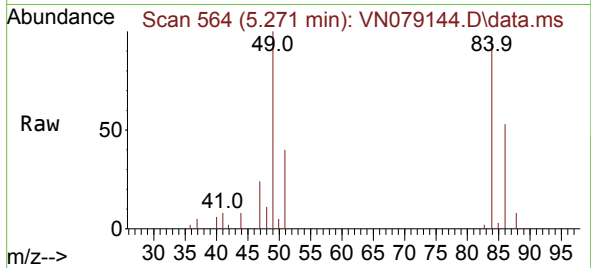




#20
Methylene Chloride
Concen: 7.461 ug/l
RT: 5.271 min Scan# 511
Delta R.T. -0.012 min
Lab File: VN079144.D
Acq: 02 Sep 2023 15:35

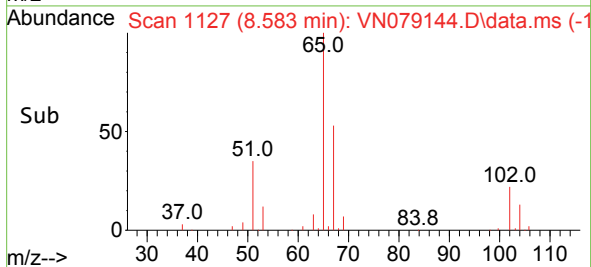
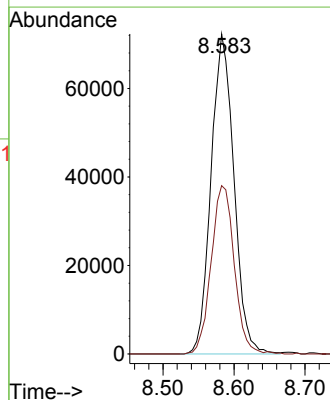
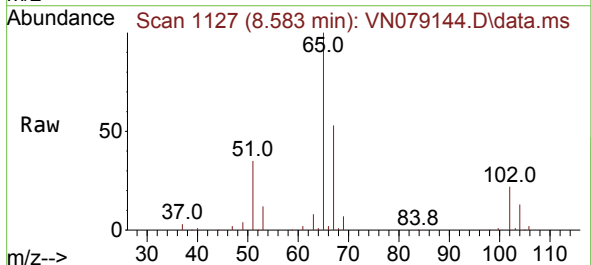
Instrument :
MSVOA_N
ClientSampleId :
PB155301ZHE#06

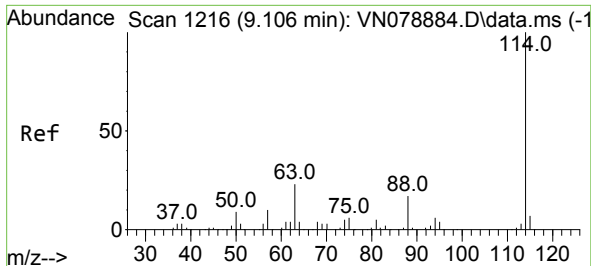
Tgt Ion: 84	Resp: 21208
Ion Ratio	Lower Upper
84 100	
49 102.8	79.7 119.5
51 40.8	25.2 37.8#
86 54.9	53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 49.947 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079144.D
Acq: 02 Sep 2023 15:35

Tgt Ion: 65	Resp: 161459
Ion Ratio	Lower Upper
65 100	
67 53.3	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: VN079144.D

Acq: 02 Sep 2023 15:35

Instrument :

MSVOA_N

ClientSampleId :

PB155301ZHE#06

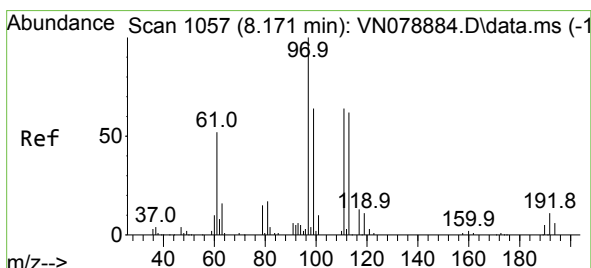
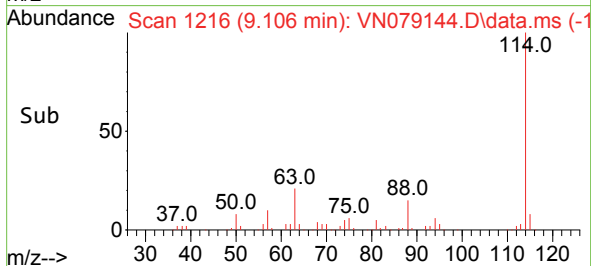
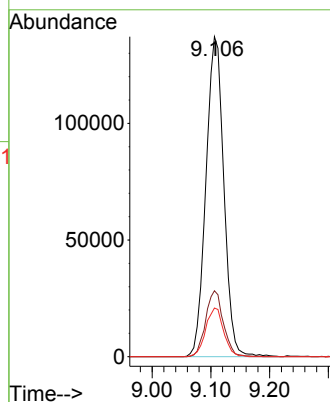
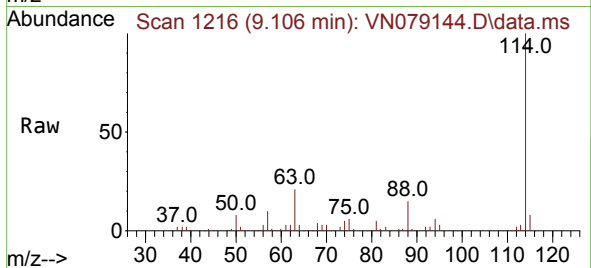
Tgt Ion:114 Resp: 290153

Ion Ratio Lower Upper

114 100

63 20.6 0.0 36.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 69.483 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079144.D

Acq: 02 Sep 2023 15:35

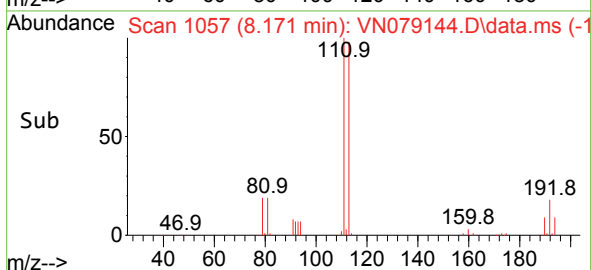
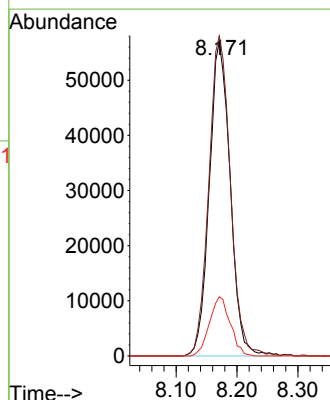
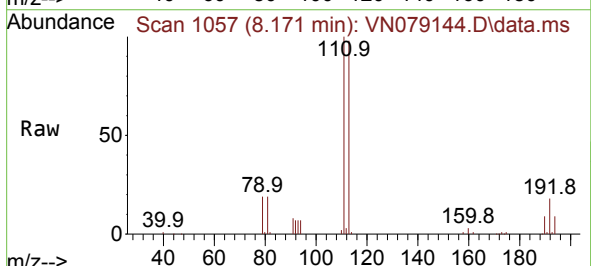
Tgt Ion:113 Resp: 135711

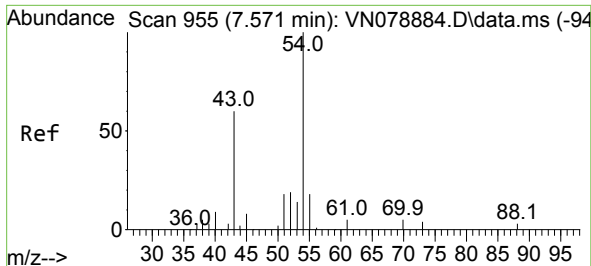
Ion Ratio Lower Upper

113 100

111 105.2 82.6 123.8

192 18.7 12.7 19.1





#37

Ethyl Acetate

Concen: 1.537 ug/l

RT: 7.577 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN079144.D

Acq: 02 Sep 2023 15:35

Instrument :

MSVOA_N

ClientSampleId :

PB155301ZHE#06

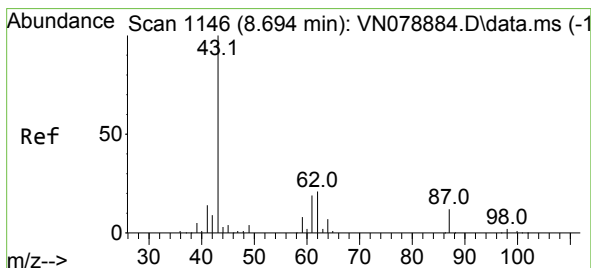
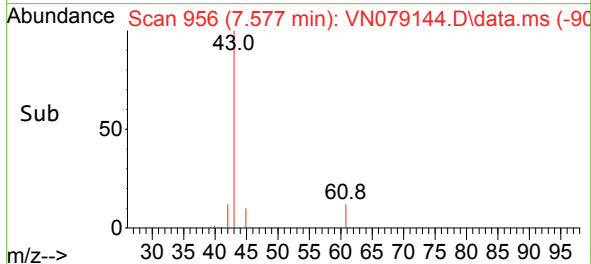
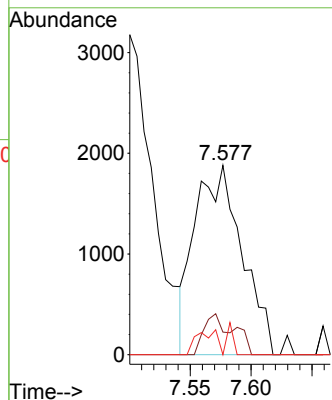
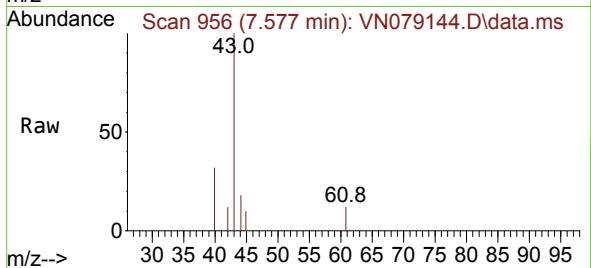
Tgt Ion: 43 Resp: 5052

Ion Ratio Lower Upper

43 100

61 13.4 13.2 19.8

70 5.7 11.3 16.9#



#43

Isopropyl Acetate

Concen: 38.853 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN079144.D

Acq: 02 Sep 2023 15:35

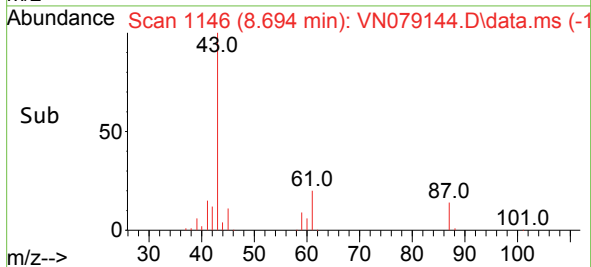
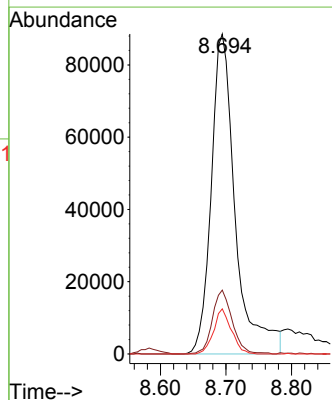
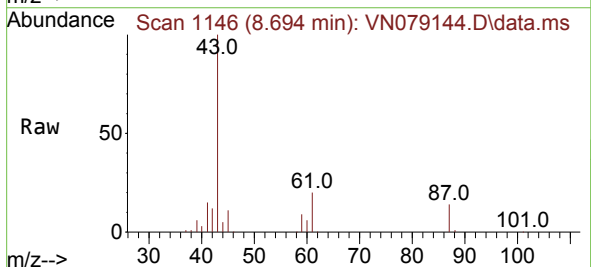
Tgt Ion: 43 Resp: 225746

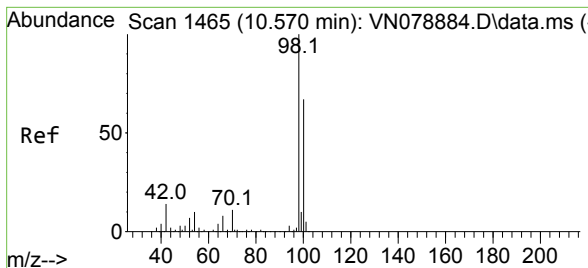
Ion Ratio Lower Upper

43 100

61 16.4 24.7 37.1#

87 10.4 14.6 21.8#

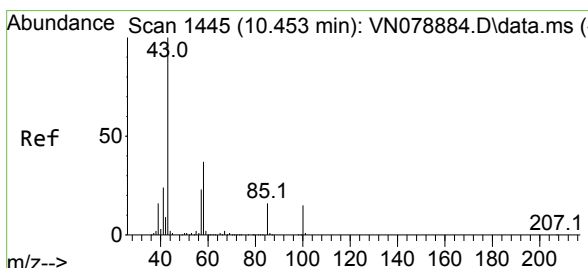
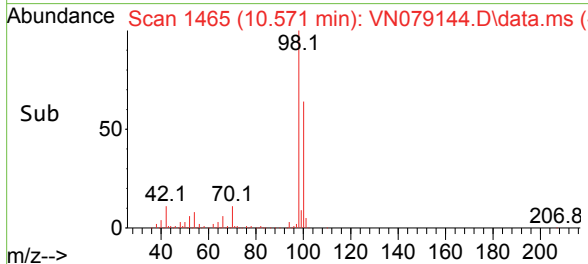
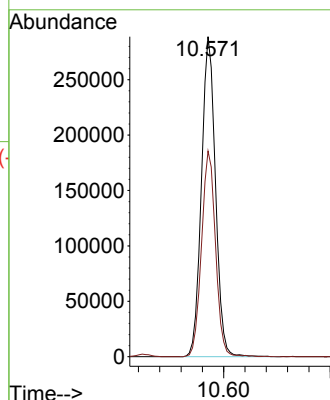
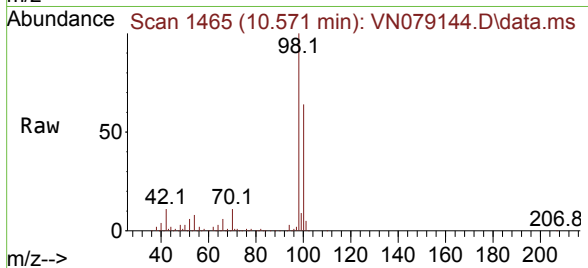




#50
Toluene-d8
Concen: 72.657 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079144.D
Acq: 02 Sep 2023 15:35

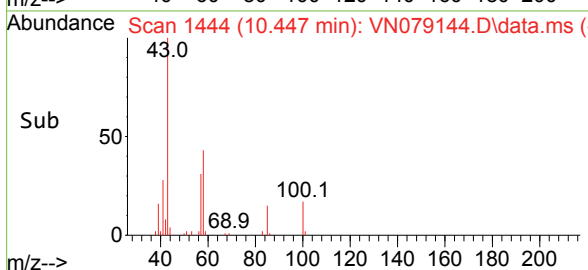
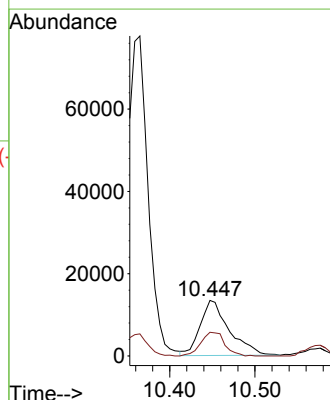
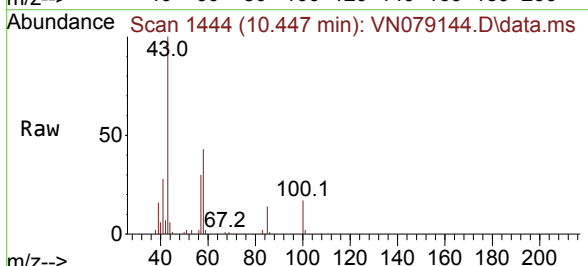
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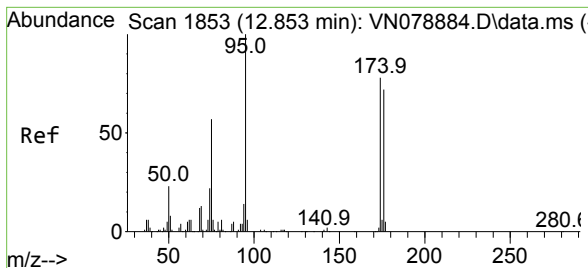
Tgt Ion: 98 Resp: 526928
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 9.181 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079144.D
Acq: 02 Sep 2023 15:35

Tgt Ion: 43 Resp: 31637
Ion Ratio Lower Upper
43 100
58 35.6 36.6 54.8#

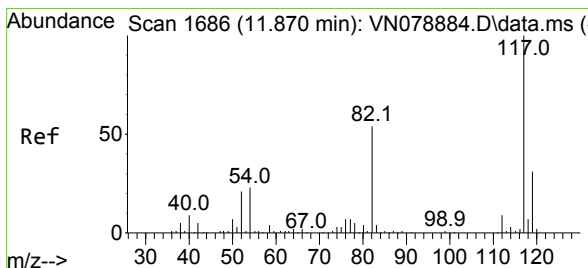
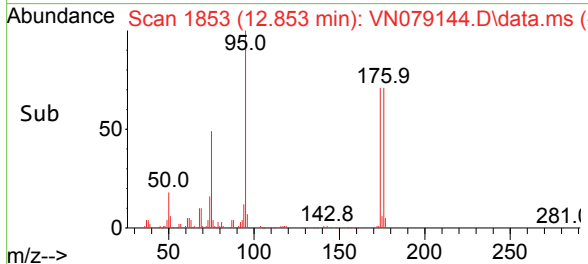
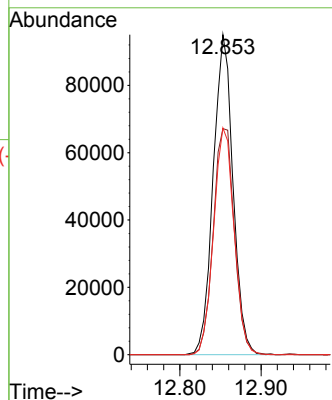
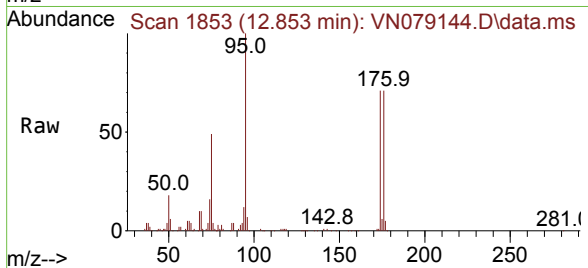




#62
4-Bromofluorobenzene
Concen: 67.949 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079144.D
Acq: 02 Sep 2023 15:35

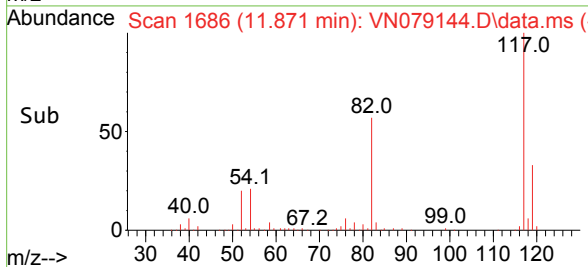
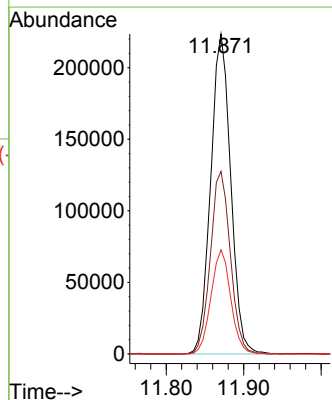
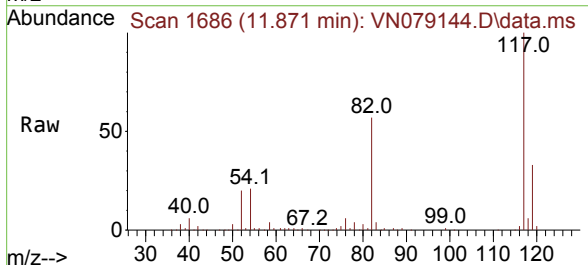
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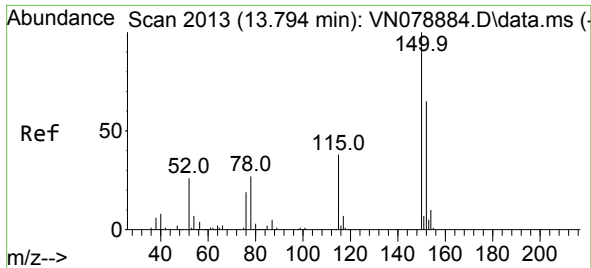
Tgt Ion: 95 Resp: 161070
Ion Ratio Lower Upper
95 100
174 75.3 0.0 143.8
176 73.5 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079144.D
Acq: 02 Sep 2023 15:35

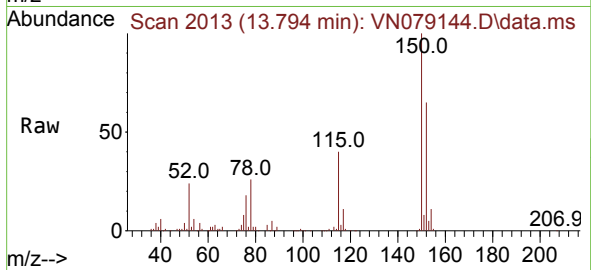
Tgt Ion: 117 Resp: 401625
Ion Ratio Lower Upper
117 100
82 57.1 44.0 66.0
119 32.6 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079144.D
 Acq: 02 Sep 2023 15:35

Instrument :
 MSVOA_N
 ClientSampleId :
 PB155301ZHE#06



Tgt Ion:	152	Resp:	120780
Ion	Ratio	Lower	Upper
152	100		
115	62.0	32.3	96.8
150	155.0	0.0	355.8

