

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090223\
 Data File : VN079145.D
 Acq On : 02 Sep 2023 15:59
 Operator : JC\MD
 Sample : PB155301ZHE#07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB155301ZHE#07

Quant Time: Sep 04 01:05:23 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)

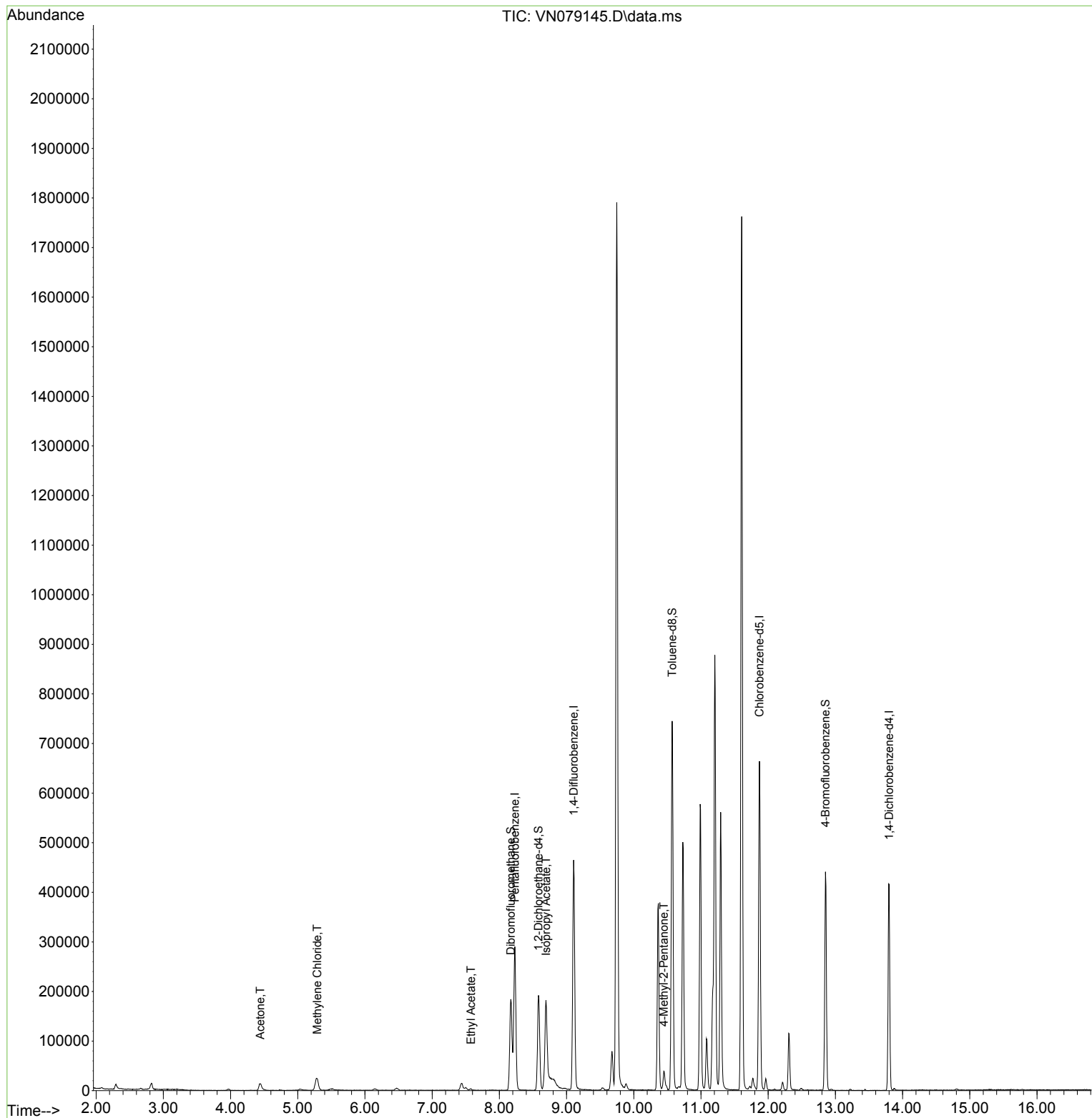
Internal Standards						
1) Pentafluorobenzene	8.229	168	209207	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	408476	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	401645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	113697	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	161391	49.576	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.160%
35) Dibromofluoromethane	8.171	113	138040	50.203	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.400%
50) Toluene-d8	10.570	98	524799	51.402	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.800%
62) 4-Bromofluorobenzene	12.853	95	158287	47.432	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.860%
Target Compounds						
					Qvalue	
16) Acetone	4.441	43	28103	20.922	ug/l	95
20) Methylene Chloride	5.288	84	21095	7.369	ug/l #	82
37) Ethyl Acetate	7.577	43	4654	1.006	ug/l #	81
43) Isopropyl Acetate	8.694	43	229403	28.046	ug/l #	77
51) 4-Methyl-2-Pentanone	10.447	43	32020	6.600	ug/l #	79

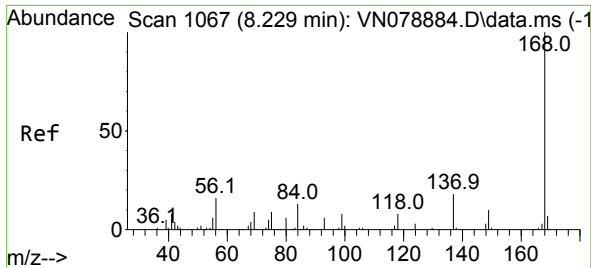
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090223\
Data File : VN079145.D
Acq On : 02 Sep 2023 15:59
Operator : JC\MD
Sample : PB155301ZHE#07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB155301ZHE#07

Quant Time: Sep 04 01:05:23 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

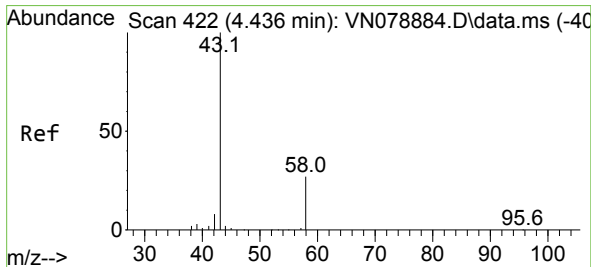
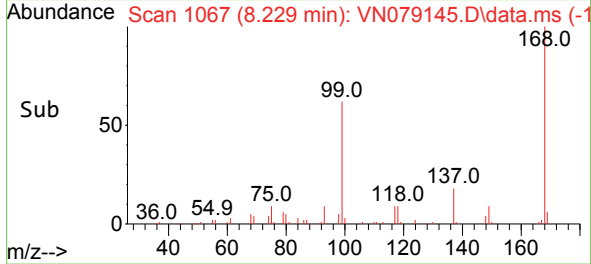
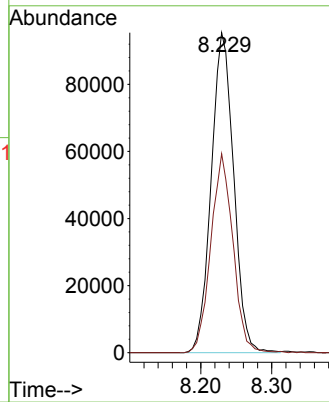
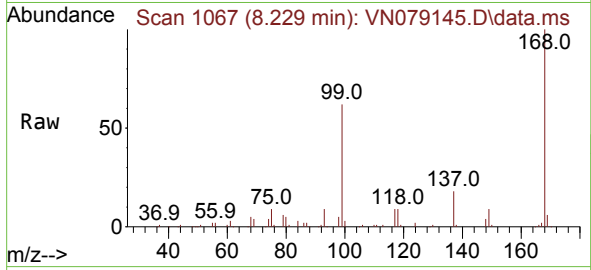




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079145.D
Acq: 02 Sep 2023 15:59

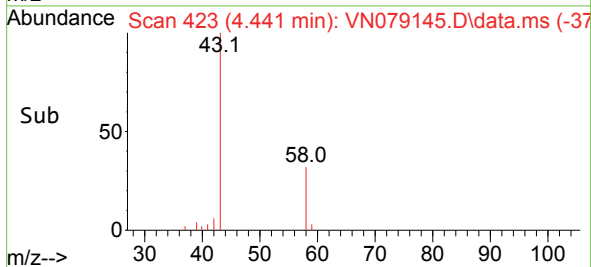
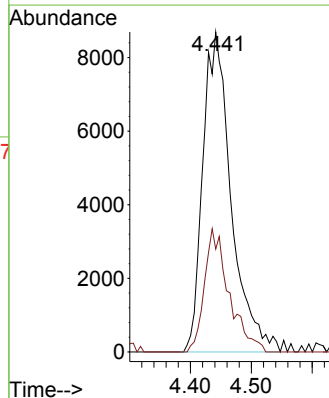
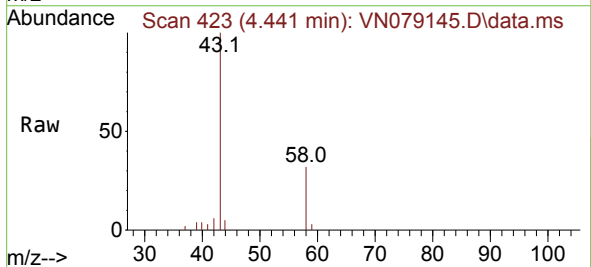
Instrument :
MSVOA_N
ClientSampleId :
PB155301ZHE#07

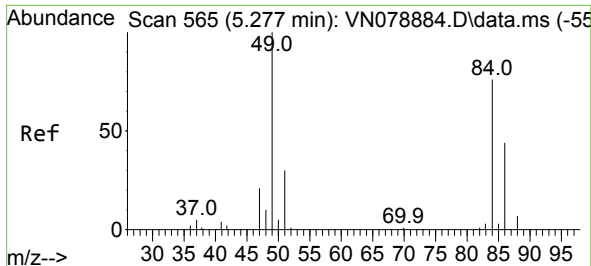
Tgt Ion:168 Resp: 209207
Ion Ratio Lower Upper
168 100
99 62.1 53.0 79.6



#16
Acetone
Concen: 20.922 ug/l
RT: 4.441 min Scan# 423
Delta R.T. -0.001 min
Lab File: VN079145.D
Acq: 02 Sep 2023 15:59

Tgt Ion: 43 Resp: 28103
Ion Ratio Lower Upper
43 100
58 32.1 28.0 42.0

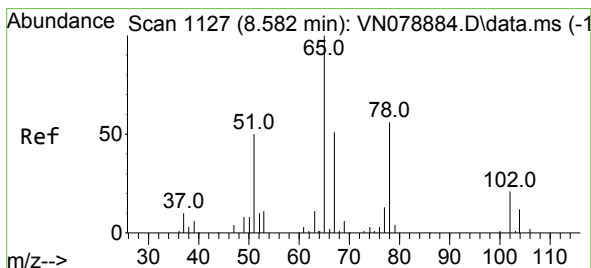
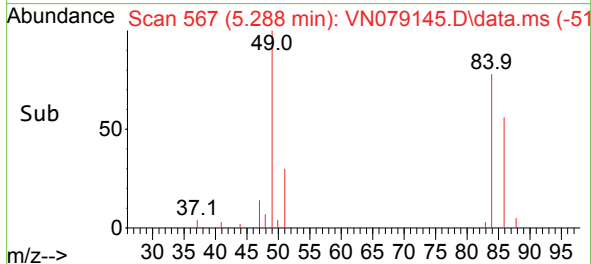
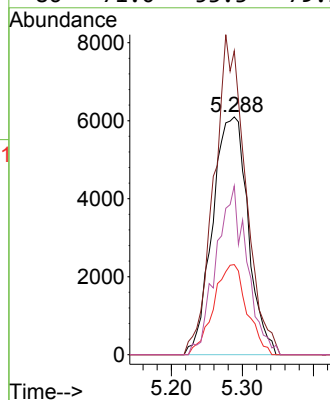
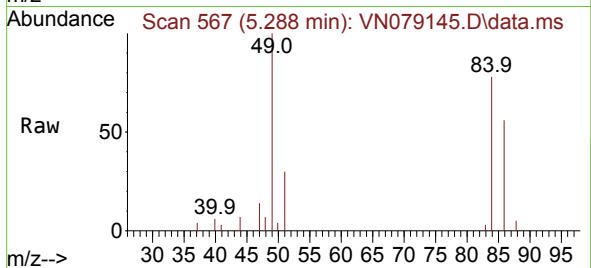




#20
Methylene Chloride
Concen: 7.369 ug/l
RT: 5.288 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN079145.D
Acq: 02 Sep 2023 15:59

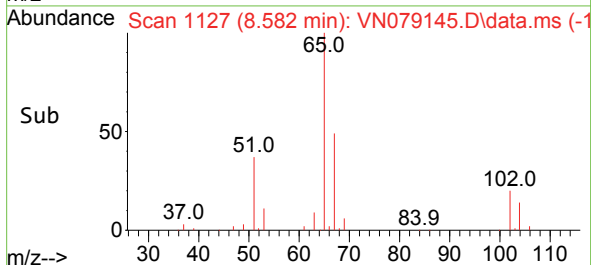
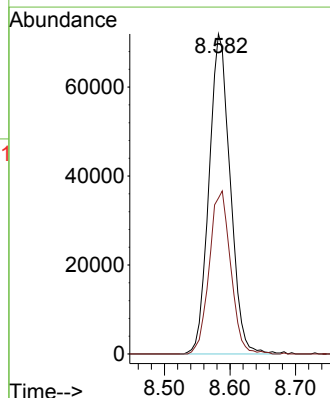
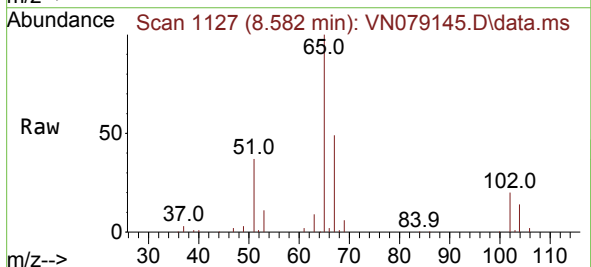
Instrument :
MSVOA_N
ClientSampleId :
PB155301ZHE#07

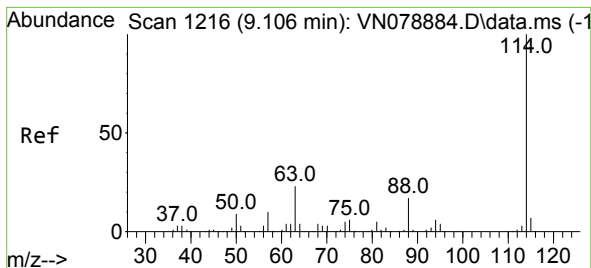
Tgt Ion:	84	Resp:	21095
Ion	Ratio	Lower	Upper
84	100		
49	127.7	79.7	119.5#
51	37.9	25.2	37.8#
86	71.0	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 49.576 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079145.D
Acq: 02 Sep 2023 15:59

Tgt Ion:	65	Resp:	161391
Ion	Ratio	Lower	Upper
65	100		
67	51.5	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: VN079145.D

Acq: 02 Sep 2023 15:59

Instrument :

MSVOA_N

ClientSampleId :

PB155301ZHE#07

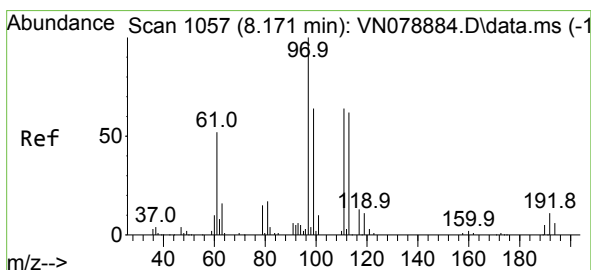
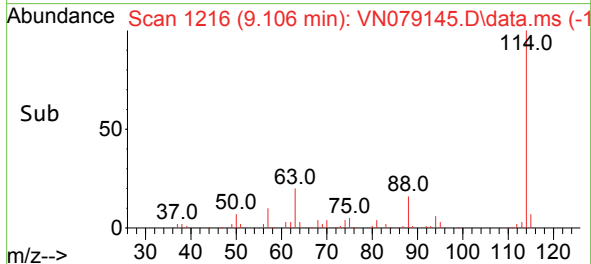
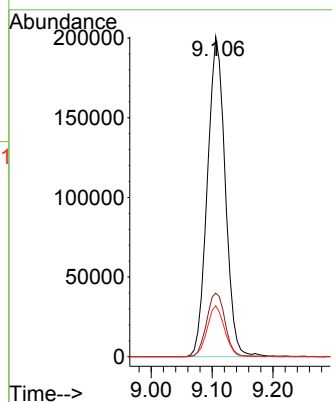
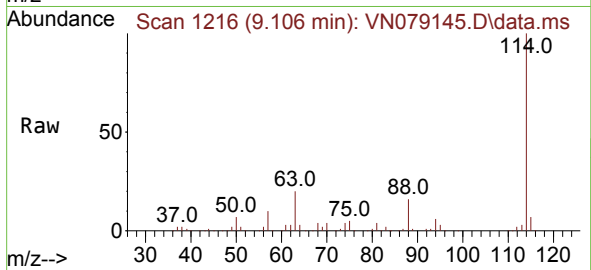
Tgt Ion:114 Resp: 408476

Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.4

88 15.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.203 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079145.D

Acq: 02 Sep 2023 15:59

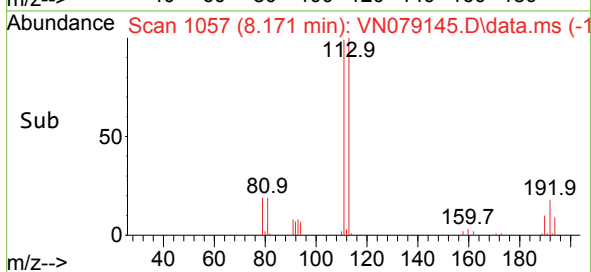
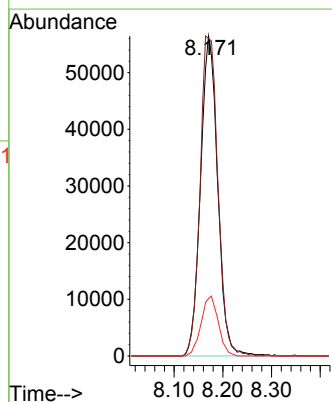
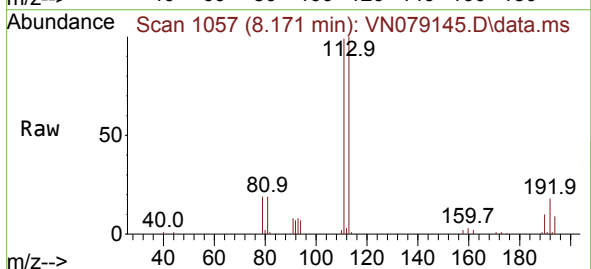
Tgt Ion:113 Resp: 138040

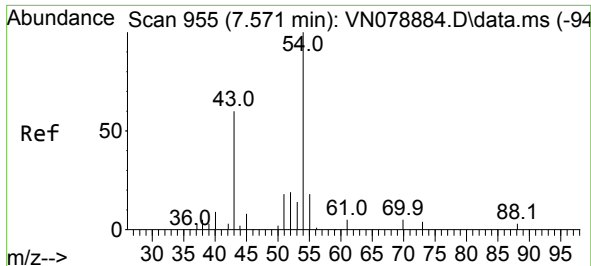
Ion Ratio Lower Upper

113 100

111 104.0 82.6 123.8

192 18.8 12.7 19.1





#37

Ethyl Acetate

Concen: 1.006 ug/l

RT: 7.577 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN079145.D

Acq: 02 Sep 2023 15:59

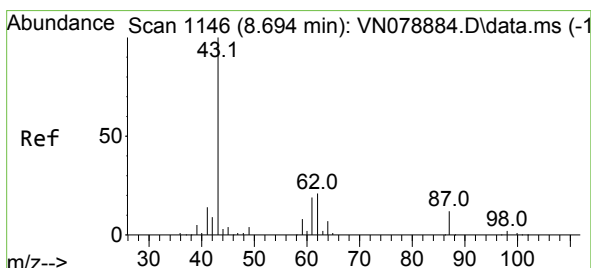
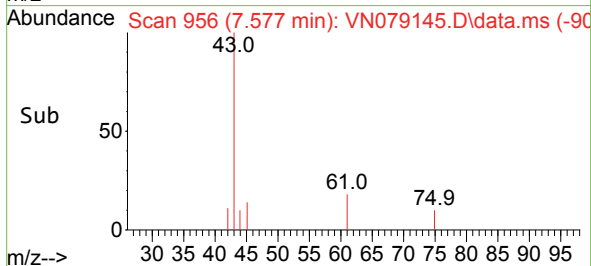
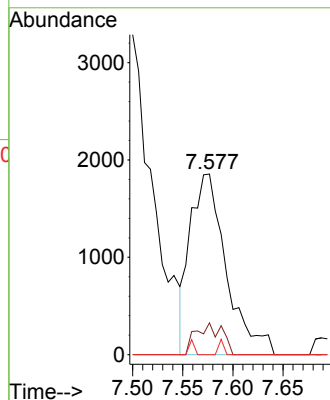
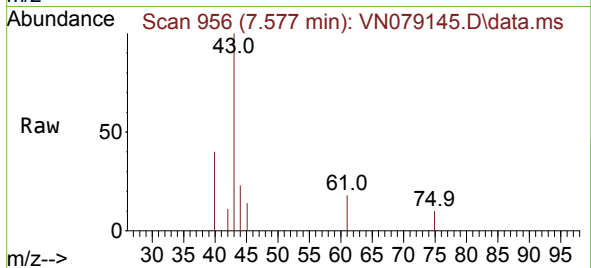
Instrument :

MSVOA_N

ClientSampleId :

PB155301ZHE#07

Tgt Ion:	43	Resp:	4654
Ion	Ratio	Lower	Upper
43	100		
61	12.7	13.2	19.8#
70	1.2	11.3	16.9#



#43

Isopropyl Acetate

Concen: 28.046 ug/l

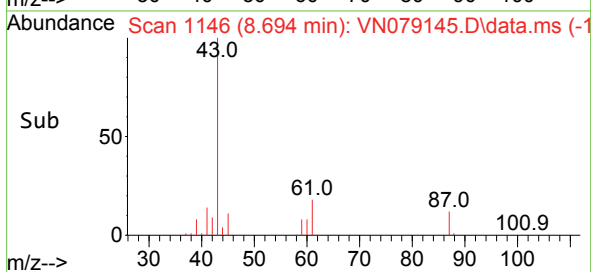
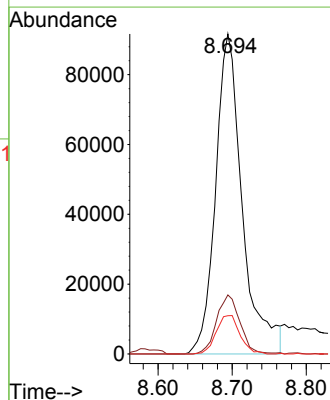
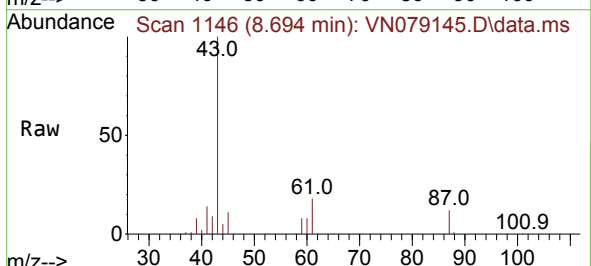
RT: 8.694 min Scan# 1146

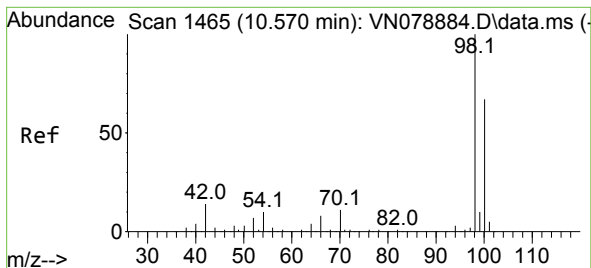
Delta R.T. 0.000 min

Lab File: VN079145.D

Acq: 02 Sep 2023 15:59

Tgt Ion:	43	Resp:	229403
Ion	Ratio	Lower	Upper
43	100		
61	16.2	24.7	37.1#
87	10.7	14.6	21.8#





#50

Toluene-d8

Concen: 51.402 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.001 min

Lab File: VN079145.D

Acq: 02 Sep 2023 15:59

Instrument :

MSVOA_N

ClientSampleId :

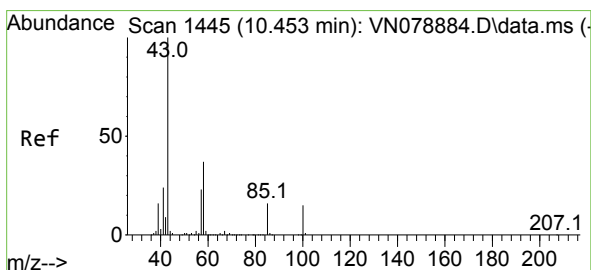
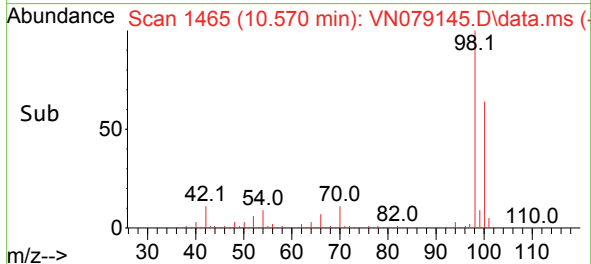
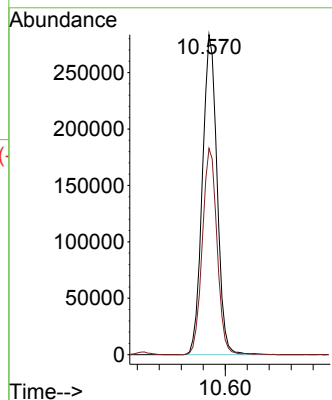
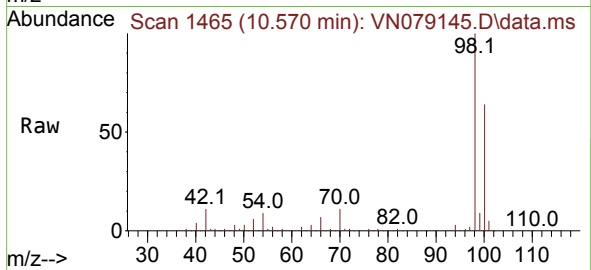
PB155301ZHE#07

Tgt Ion: 98 Resp: 524799

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 6.600 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. -0.006 min

Lab File: VN079145.D

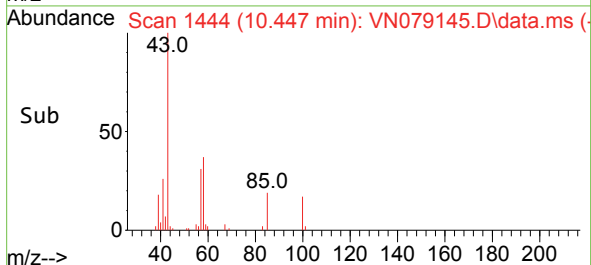
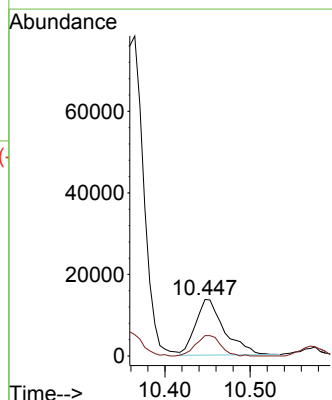
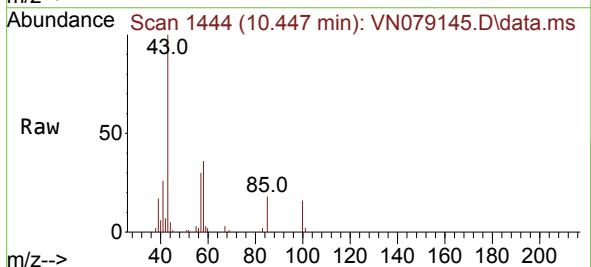
Acq: 02 Sep 2023 15:59

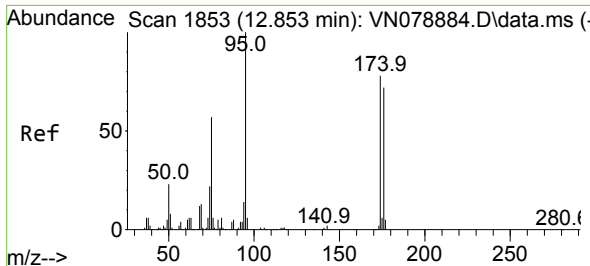
Tgt Ion: 43 Resp: 32020

Ion Ratio Lower Upper

43 100

58 31.8 36.6 54.8#

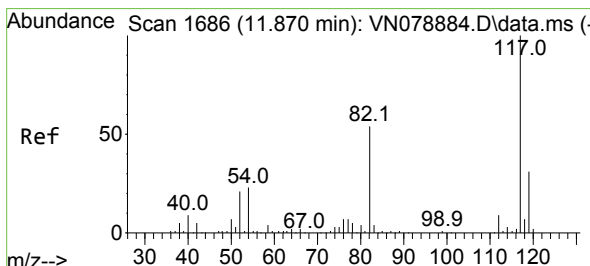
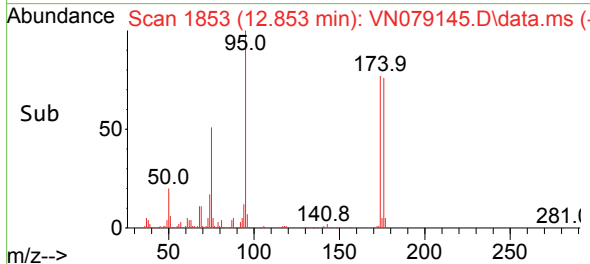
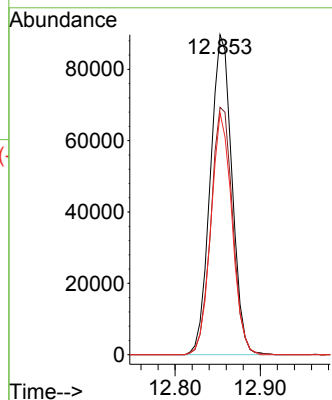
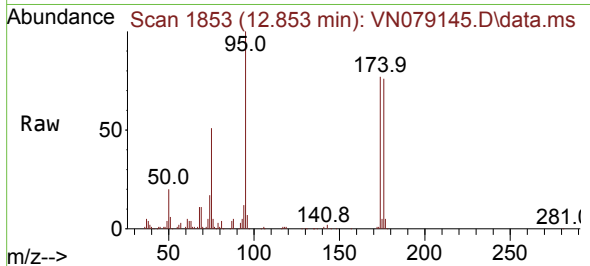




#62
4-Bromofluorobenzene
Concen: 47.432 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079145.D
Acq: 02 Sep 2023 15:59

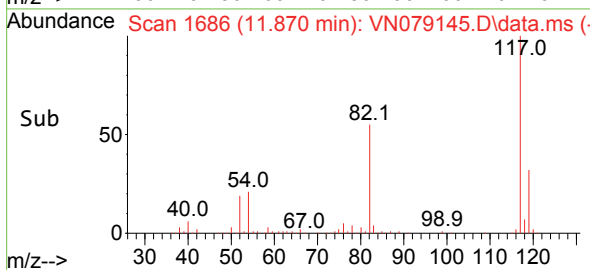
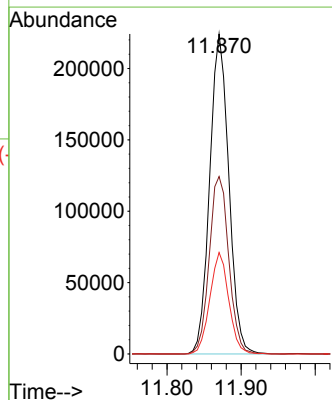
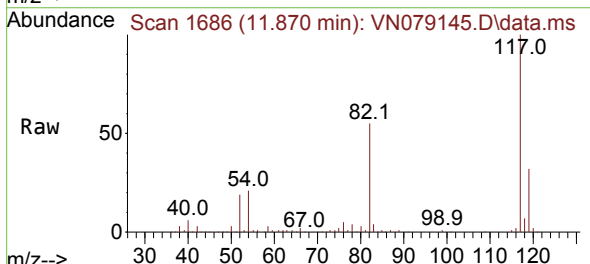
Instrument :
MSVOA_N
ClientSampleId :
PB155301ZHE#07

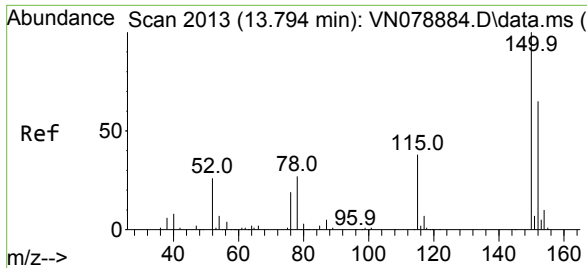
Tgt Ion: 95 Resp: 158287
Ion Ratio Lower Upper
95 100
174 77.6 0.0 143.8
176 73.5 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079145.D
Acq: 02 Sep 2023 15:59

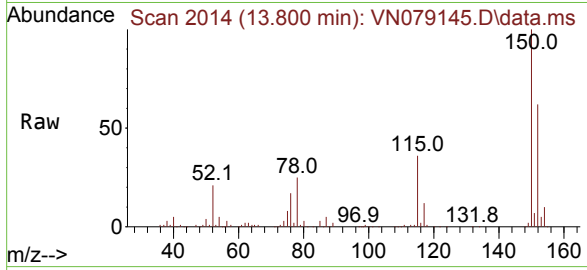
Tgt Ion: 117 Resp: 401645
Ion Ratio Lower Upper
117 100
82 55.5 44.0 66.0
119 31.7 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN079145.D
 Acq: 02 Sep 2023 15:59

Instrument :
 MSVOA_N
 ClientSampleId :
 PB155301ZHE#07



Tgt Ion:152 Resp: 113697
 Ion Ratio Lower Upper
 152 100
 115 60.5 32.3 96.8
 150 158.1 0.0 355.8

