

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093023\
 Data File : VN079385.D
 Acq On : 30 Sep 2023 14:34
 Operator : JC\MD
 Sample : PB155992ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB155992ZHE#05

Quant Time: Oct 02 01:55:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

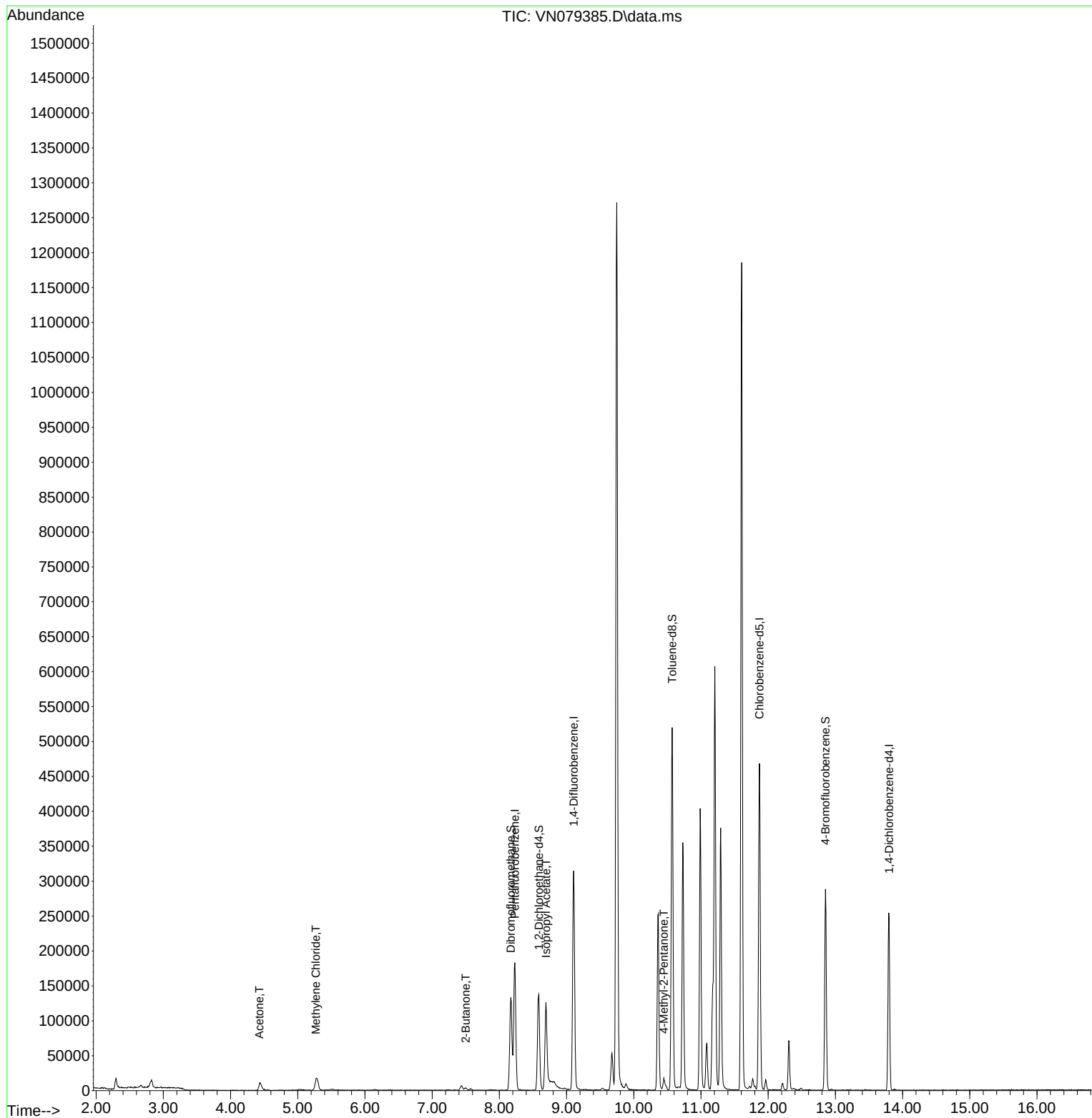
Internal Standards						
1) Pentafluorobenzene	8.230	168	127260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	260834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	264796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	66809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	113598	66.127	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 132.260%#		
35) Dibromofluoromethane	8.171	113	95168	54.851	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 109.700%		
50) Toluene-d8	10.571	98	350548	55.025	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 110.040%		
62) 4-Bromofluorobenzene	12.853	95	95507	46.998	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 94.000%		
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	21232	29.101	ug/l #	81
20) Methylene Chloride	5.271	84	13722	7.729	ug/l #	87
25) 2-Butanone	7.500	43	5487	5.183	ug/l #	85
43) Isopropyl Acetate	8.694	43	146085	33.564	ug/l #	76
51) 4-Methyl-2-Pentanone	10.447	43	14164	5.606	ug/l #	81

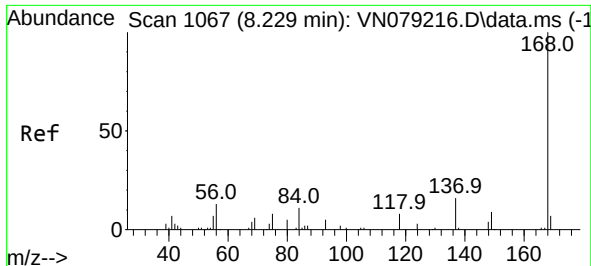
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093023\
Data File : VN079385.D
Acq On : 30 Sep 2023 14:34
Operator : JC\MD
Sample : PB155992ZHE#05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB155992ZHE#05

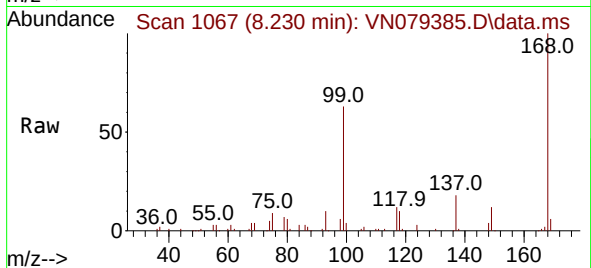
Quant Time: Oct 02 01:55:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 05:05:24 2023
Response via : Initial Calibration



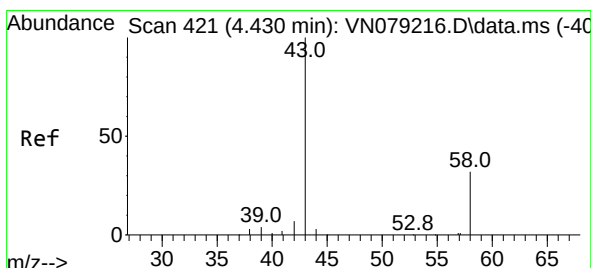
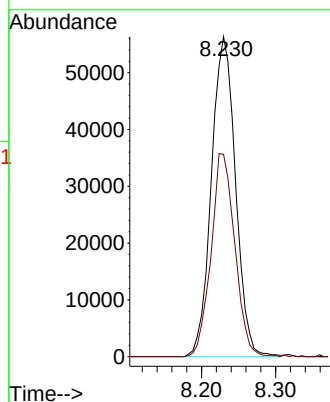
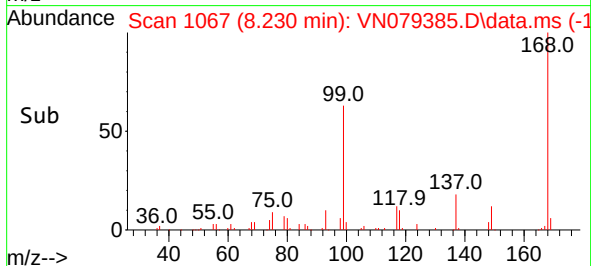


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079385.D
Acq: 30 Sep 2023 14:34

Instrument :
MSVOA_N
ClientSampleId :
PB155992ZHE#05

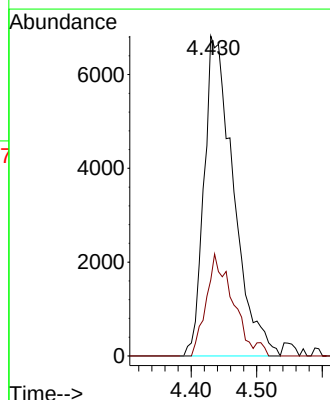
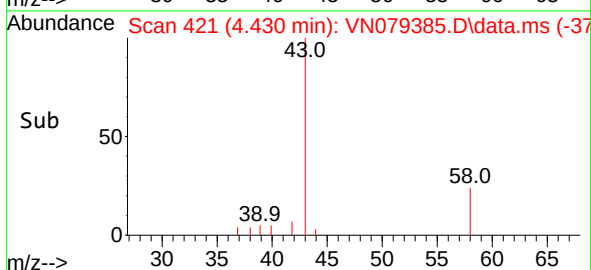
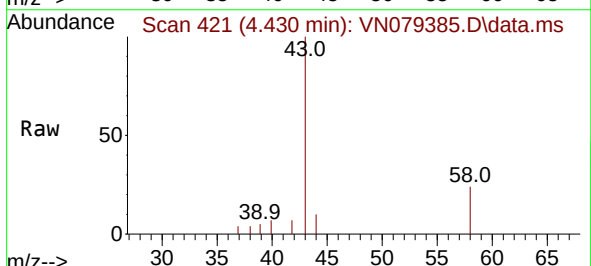


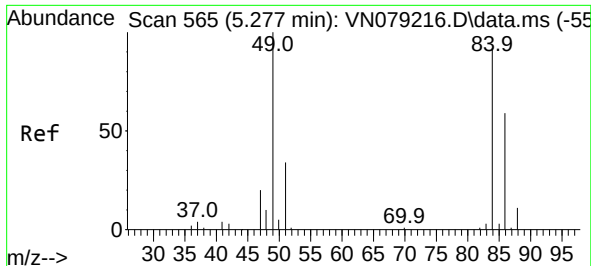
Tgt Ion:168 Resp: 127260
Ion Ratio Lower Upper
168 100
99 63.2 53.0 79.6



#16
Acetone
Concen: 29.101 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.012 min
Lab File: VN079385.D
Acq: 30 Sep 2023 14:34

Tgt Ion: 43 Resp: 21232
Ion Ratio Lower Upper
43 100
58 23.7 28.0 42.0#

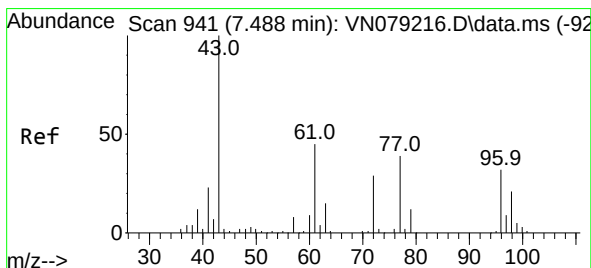
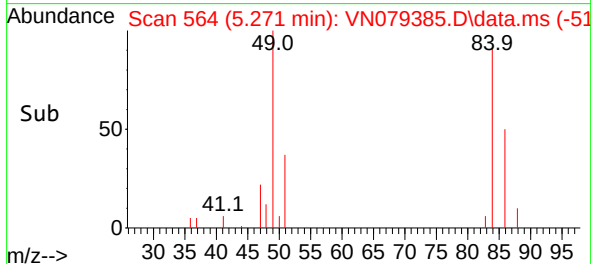
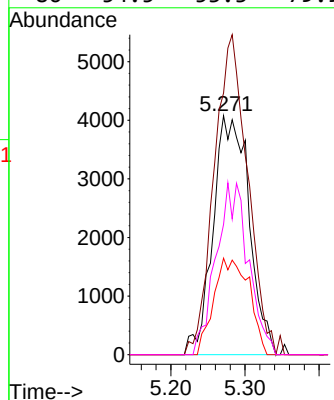
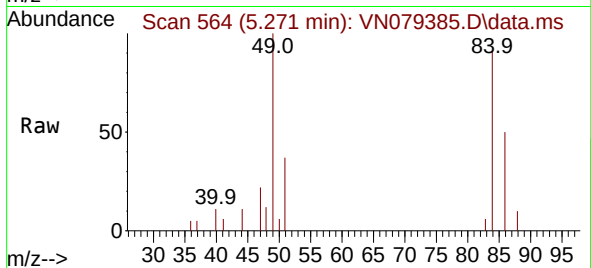




#20
Methylene Chloride
Concen: 7.729 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN079385.D
Acq: 30 Sep 2023 14:34

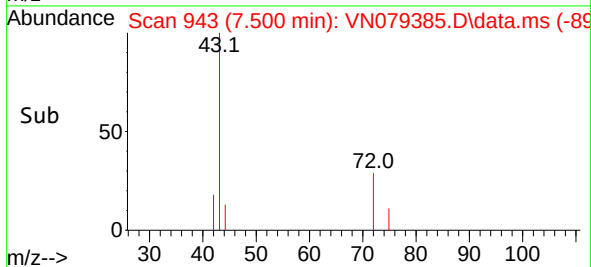
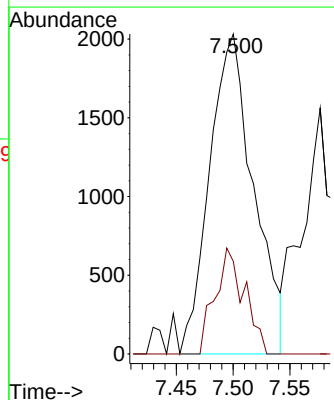
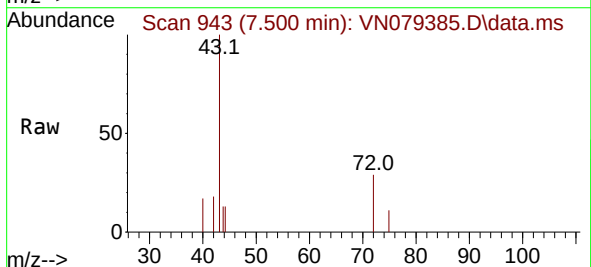
Instrument :
MSVOA_N
ClientSampleId :
PB155992ZHE#05

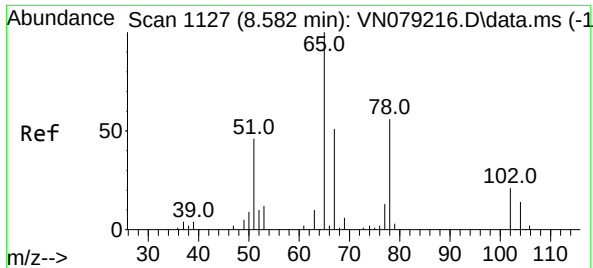
Tgt Ion:	84	Resp:	13722
Ion	Ratio	Lower	Upper
84	100		
49	109.5	79.7	119.5
51	40.4	25.2	37.8#
86	54.5	53.3	79.9



#25
2-Butanone
Concen: 5.183 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN079385.D
Acq: 30 Sep 2023 14:34

Tgt Ion:	43	Resp:	5487
Ion	Ratio	Lower	Upper
43	100		
72	29.0	30.2	45.2#





#33

1,2-Dichloroethane-d4

Concen: 66.127 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN079385.D

Acq: 30 Sep 2023 14:34

Instrument :

MSVOA_N

ClientSampleId :

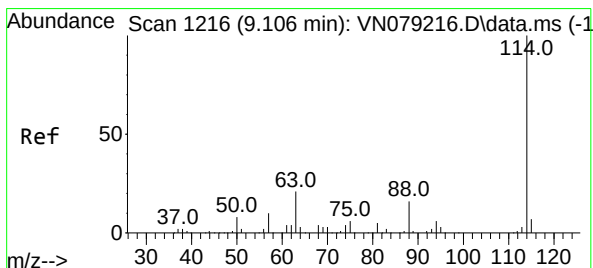
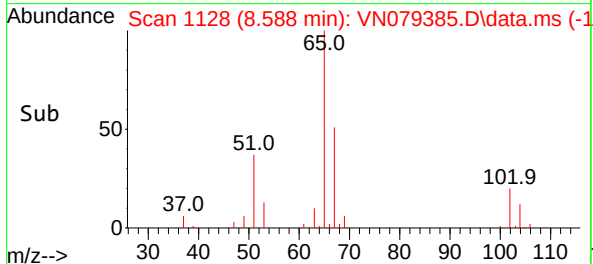
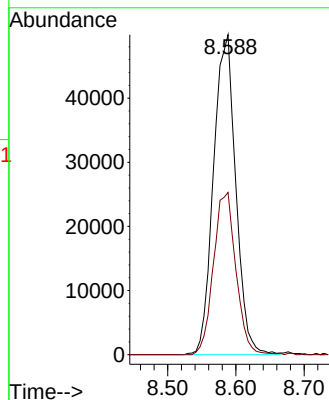
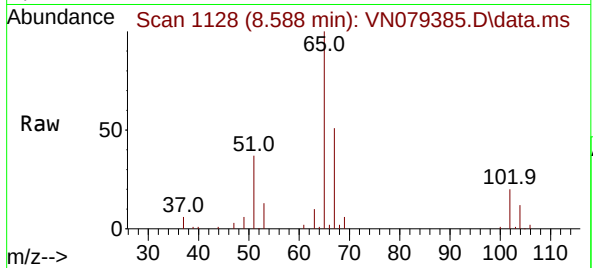
PB155992ZHE#05

Tgt Ion: 65 Resp: 113598

Ion Ratio Lower Upper

65 100

67 51.1 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: VN079385.D

Acq: 30 Sep 2023 14:34

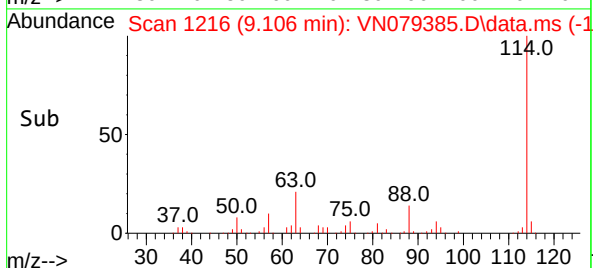
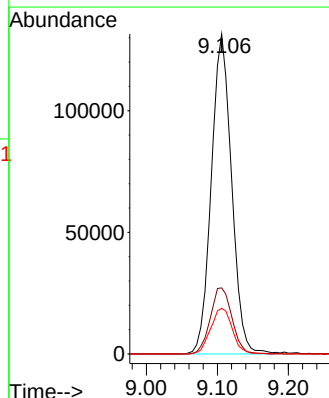
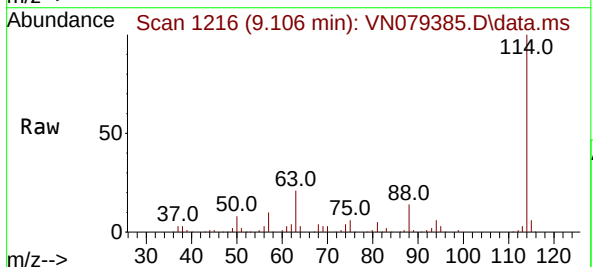
Tgt Ion: 114 Resp: 260834

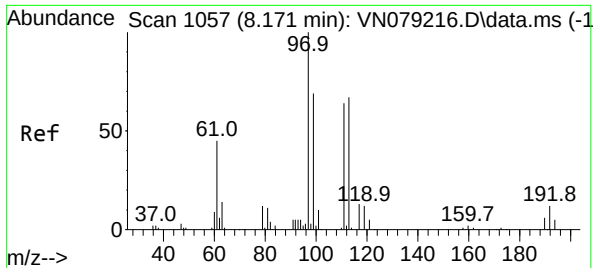
Ion Ratio Lower Upper

114 100

63 20.7 0.0 36.4

88 14.3 0.0 30.6

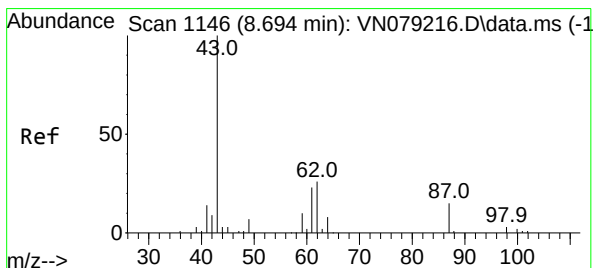
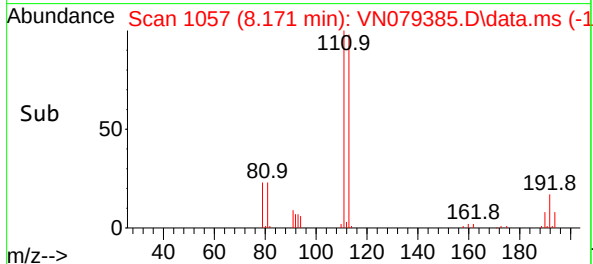
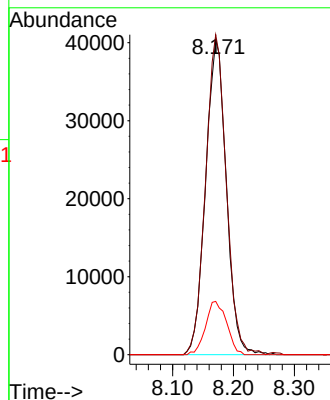
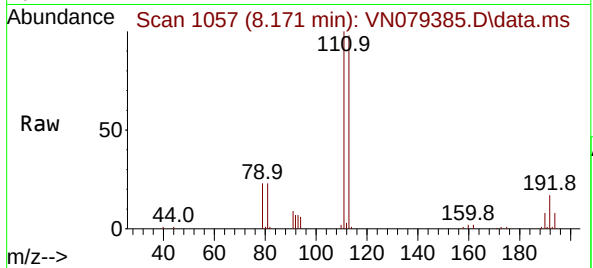




#35
Dibromofluoromethane
Concen: 54.851 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079385.D
Acq: 30 Sep 2023 14:34

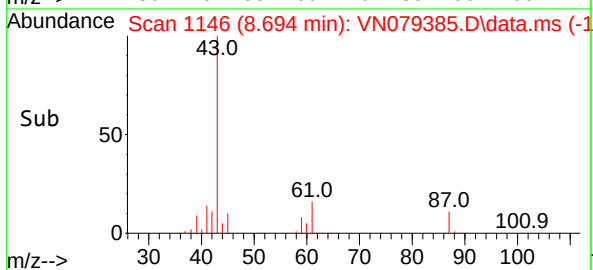
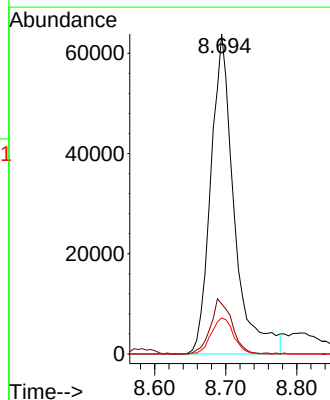
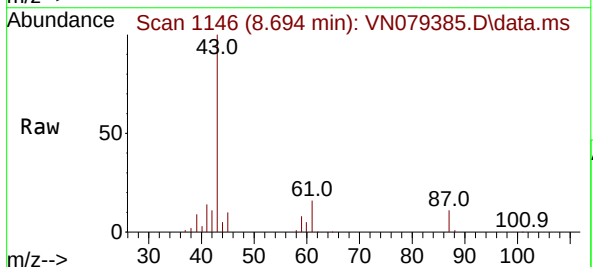
Instrument :
MSVOA_N
ClientSampleId :
PB155992ZHE#05

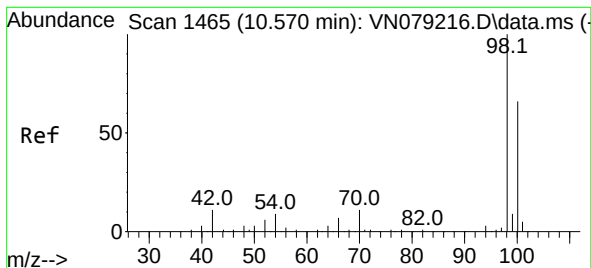
Tgt Ion:113 Resp: 95168
Ion Ratio Lower Upper
113 100
111 101.6 82.6 123.8
192 17.2 12.7 19.1



#43
Isopropyl Acetate
Concen: 33.564 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079385.D
Acq: 30 Sep 2023 14:34

Tgt Ion: 43 Resp: 146085
Ion Ratio Lower Upper
43 100
61 15.6 24.7 37.1#
87 10.7 14.6 21.8#





#50

Toluene-d8

Concen: 55.025 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079385.D

Acq: 30 Sep 2023 14:34

Instrument :

MSVOA_N

ClientSampleId :

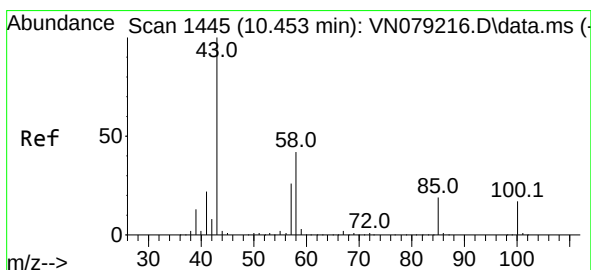
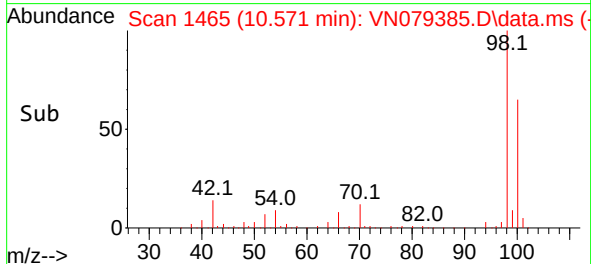
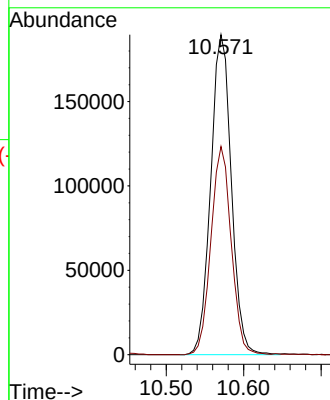
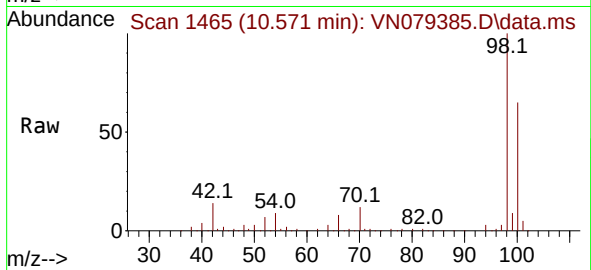
PB155992ZHE#05

Tgt Ion: 98 Resp: 350548

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 5.606 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. -0.006 min

Lab File: VN079385.D

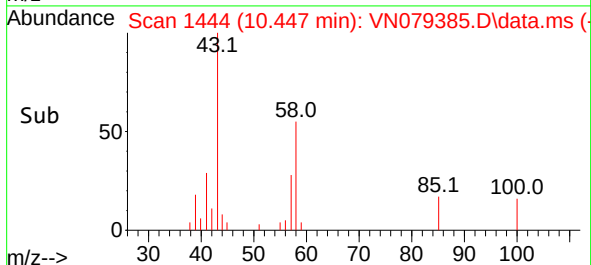
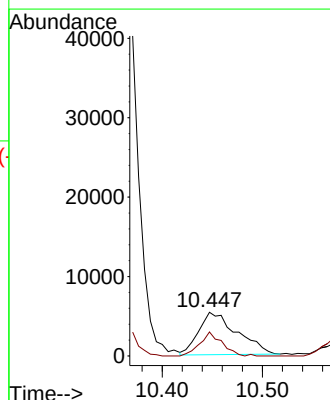
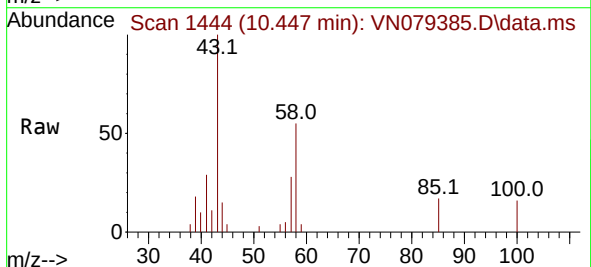
Acq: 30 Sep 2023 14:34

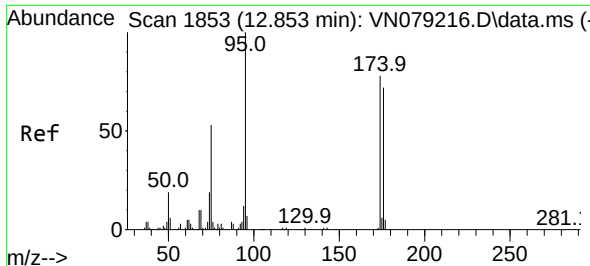
Tgt Ion: 43 Resp: 14164

Ion Ratio Lower Upper

43 100

58 33.1 36.6 54.8#

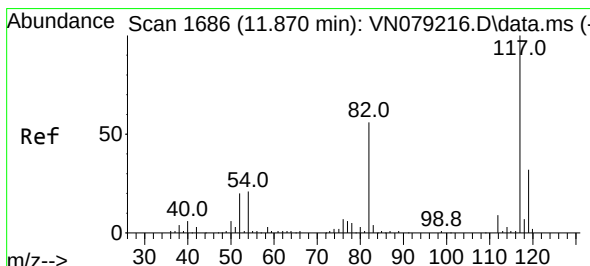
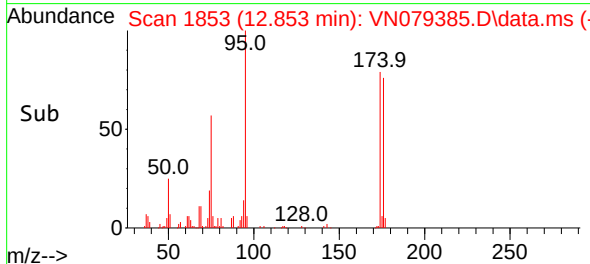
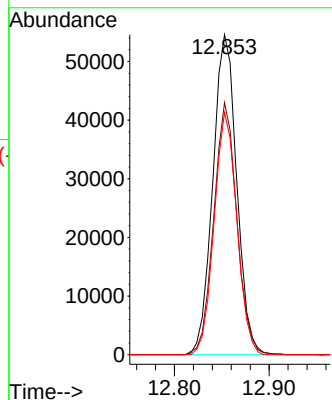
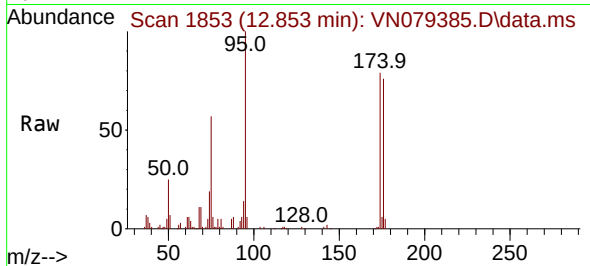




#62
4-Bromofluorobenzene
Concen: 46.998 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079385.D
Acq: 30 Sep 2023 14:34

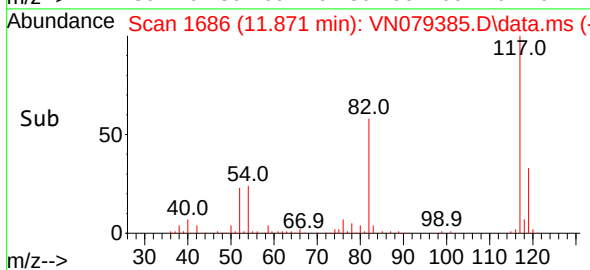
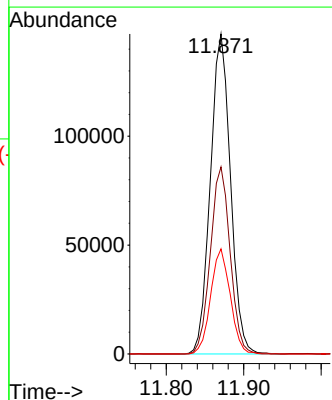
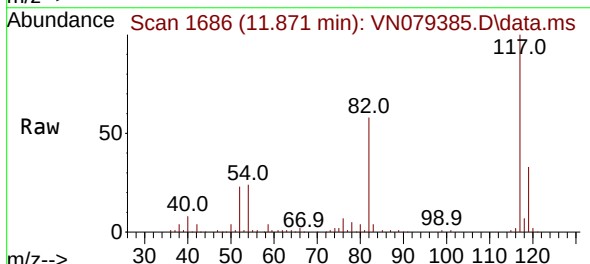
Instrument :
MSVOA_N
ClientSampleId :
PB155992ZHE#05

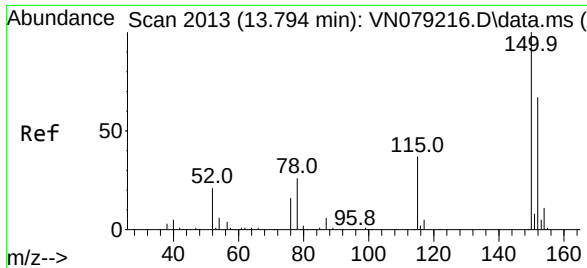
Tgt Ion: 95 Resp: 95507
Ion Ratio Lower Upper
95 100
174 76.5 0.0 143.8
176 71.9 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079385.D
Acq: 30 Sep 2023 14:34

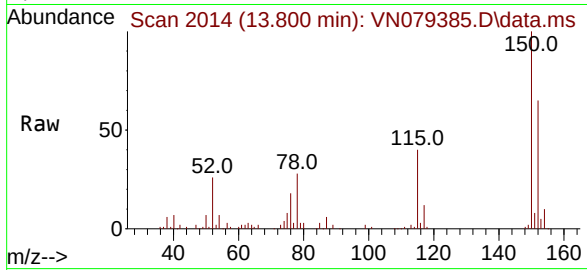
Tgt Ion: 117 Resp: 264796
Ion Ratio Lower Upper
117 100
82 58.4 44.0 66.0
119 32.8 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN079385.D
 Acq: 30 Sep 2023 14:34

Instrument :
 MSVOA_N
 ClientSampleId :
 PB155992ZHE#05



Tgt Ion:152 Resp: 66809
 Ion Ratio Lower Upper
 152 100
 115 61.4 32.3 96.8
 150 160.1 0.0 355.8

