

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110623\
 Data File : VN079933.D
 Acq On : 06 Nov 2023 19:21
 Operator : JC\MD
 Sample : PB156885ZHE#16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB156885ZHE#16

Quant Time: Nov 07 04:53:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

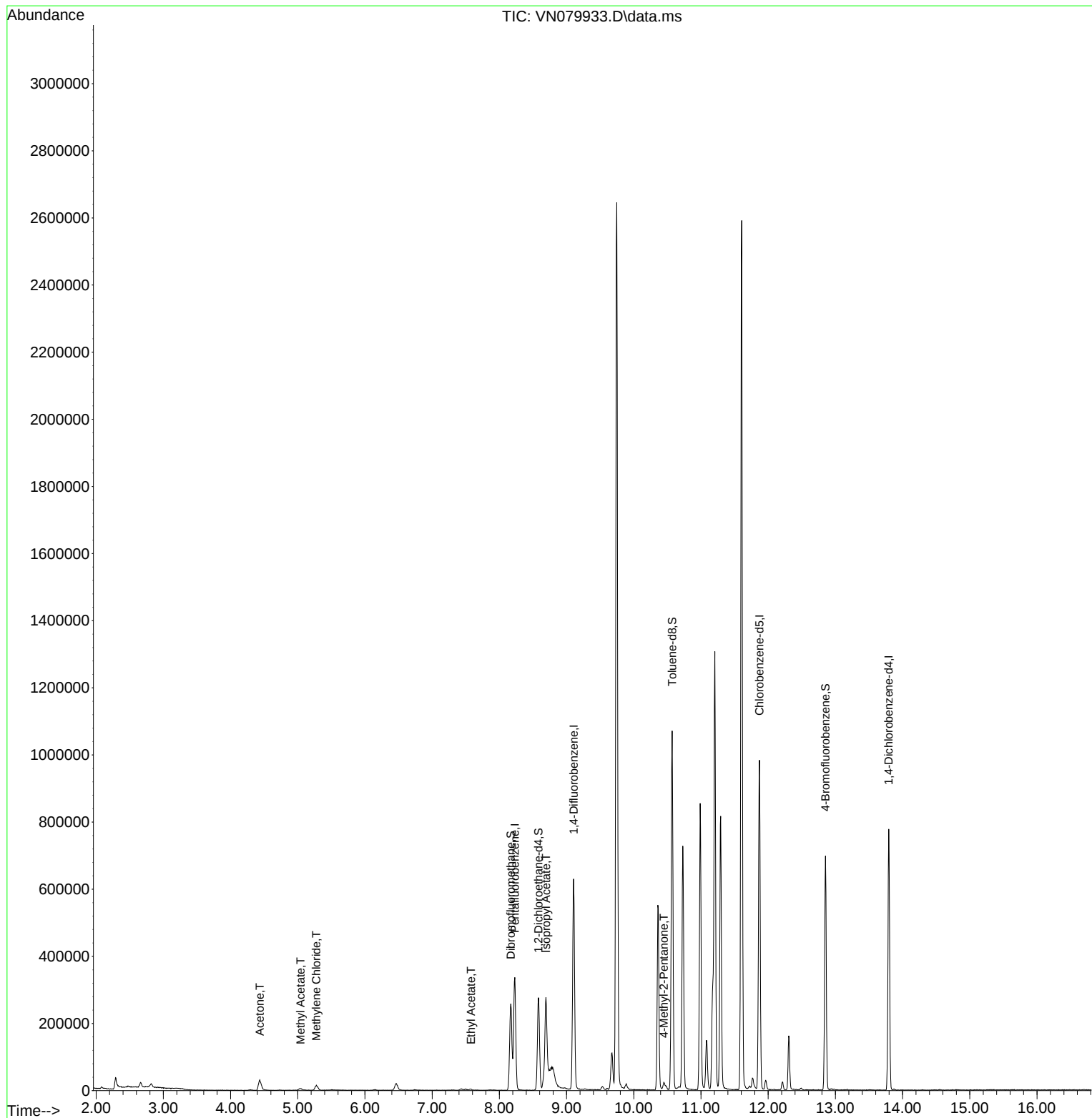
Internal Standards						
1) Pentafluorobenzene	8.230	168	232727	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	512584	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	553579	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	198251	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	225822	63.689	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 127.380%#		
35) Dibromofluoromethane	8.171	113	188748	52.027	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 104.060%		
50) Toluene-d8	10.571	98	707642	52.985	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 105.980%		
62) 4-Bromofluorobenzene	12.853	95	234222	52.880	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 105.760%		
Target Compounds						
						Qvalue
16) Acetone	4.436	43	60297	48.414	ug/l #	88
18) Methyl Acetate	5.042	43	10864	1.823	ug/l #	82
20) Methylene Chloride	5.277	84	10565	3.362	ug/l #	83
37) Ethyl Acetate	7.577	43	5929	1.248	ug/l #	79
43) Isopropyl Acetate	8.694	43	351491	42.190	ug/l #	74
51) 4-Methyl-2-Pentanone	10.447	43	23536	5.018	ug/l #	65

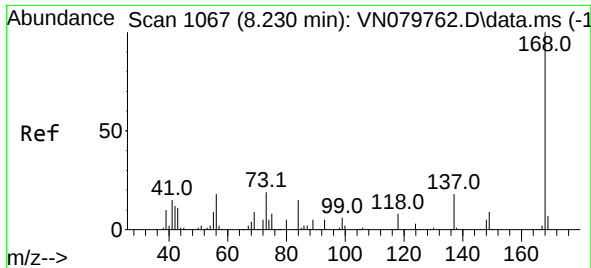
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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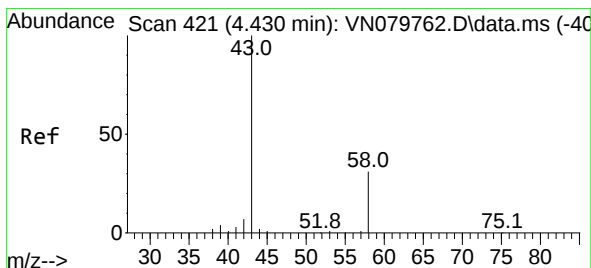
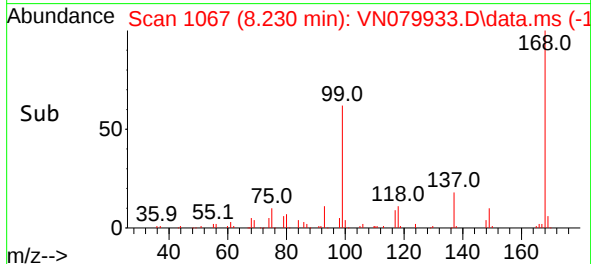
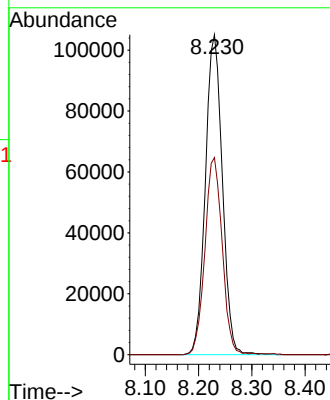
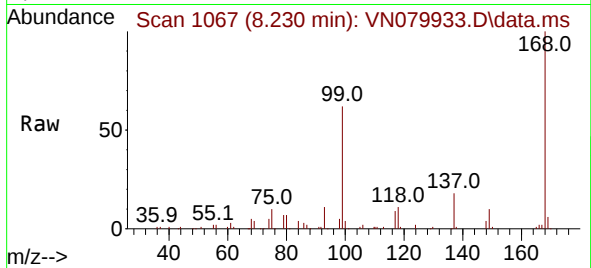




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079933.D
Acq: 06 Nov 2023 19:21

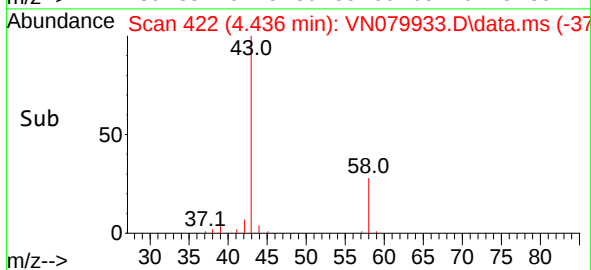
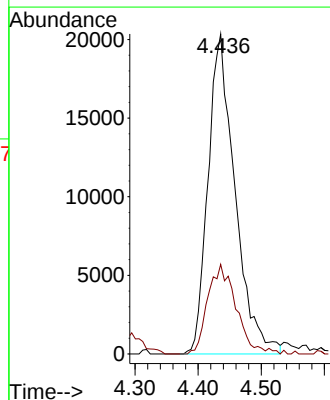
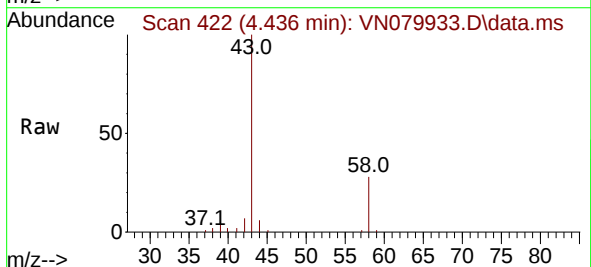
Instrument :
MSVOA_N
ClientSampleId :
PB156885ZHE#16

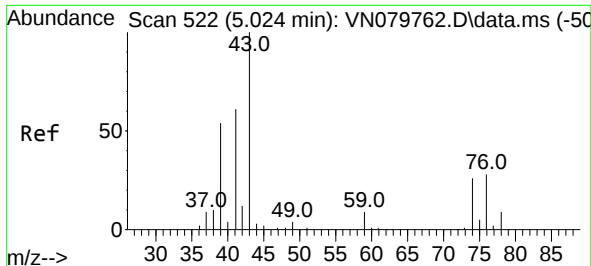
Tgt Ion:168 Resp: 232727
Ion Ratio Lower Upper
168 100
99 61.6 53.0 79.6



#16
Acetone
Concen: 48.414 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079933.D
Acq: 06 Nov 2023 19:21

Tgt Ion: 43 Resp: 60297
Ion Ratio Lower Upper
43 100
58 28.0 28.0 42.0#

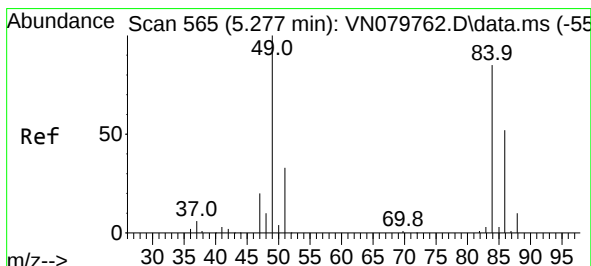
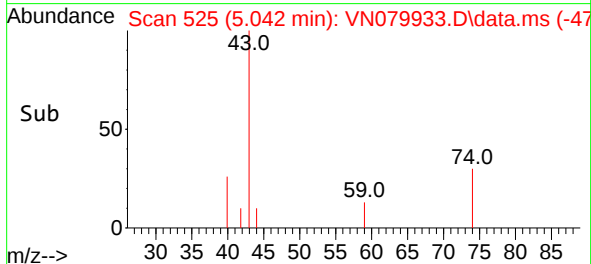
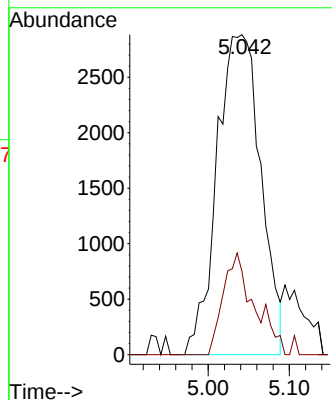
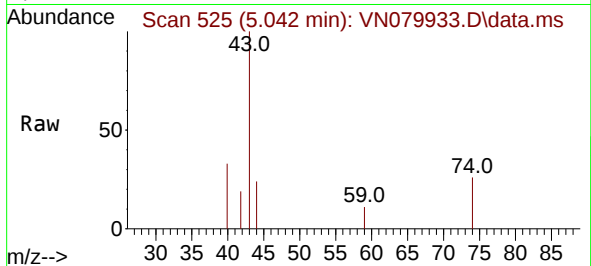




#18
Methyl Acetate
Concen: 1.823 ug/l
RT: 5.042 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN079933.D
Acq: 06 Nov 2023 19:21

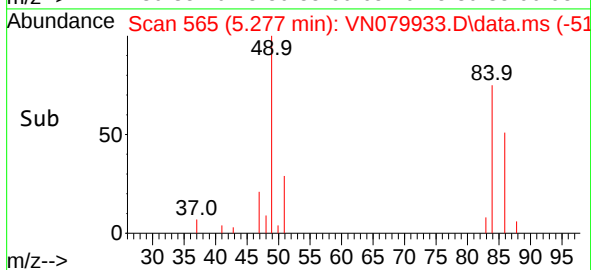
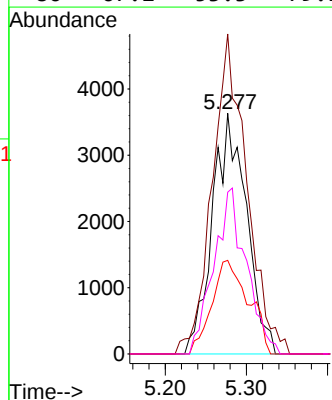
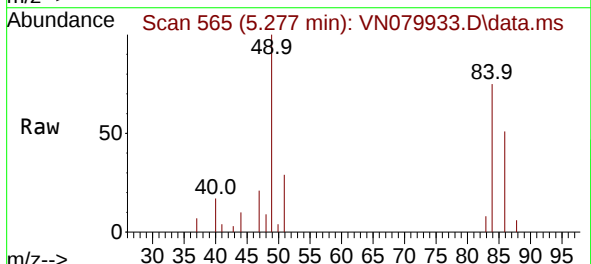
Instrument :
MSVOA_N
ClientSampleId :
PB156885ZHE#16

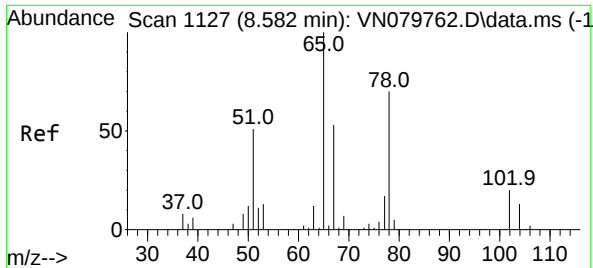
Tgt Ion: 43 Resp: 10864
Ion Ratio Lower Upper
43 100
74 22.5 26.2 39.4#



#20
Methylene Chloride
Concen: 3.362 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN079933.D
Acq: 06 Nov 2023 19:21

Tgt Ion: 84 Resp: 10565
Ion Ratio Lower Upper
84 100
49 127.8 79.7 119.5#
51 38.9 25.2 37.8#
86 67.2 53.3 79.9





#33

1,2-Dichloroethane-d4

Concen: 63.689 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079933.D

Acq: 06 Nov 2023 19:21

Instrument :

MSVOA_N

ClientSampleId :

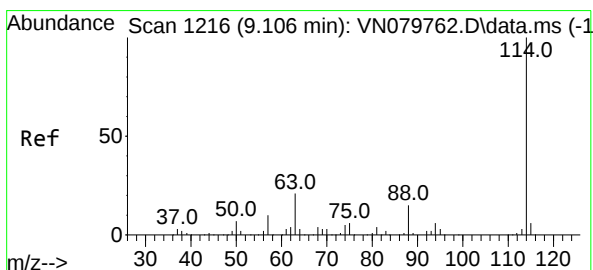
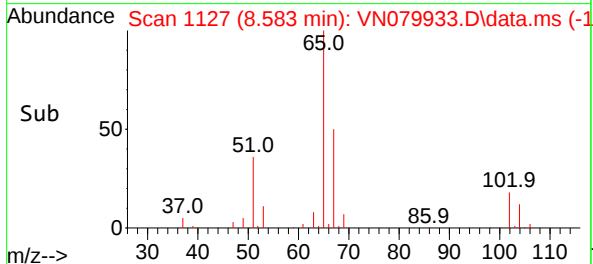
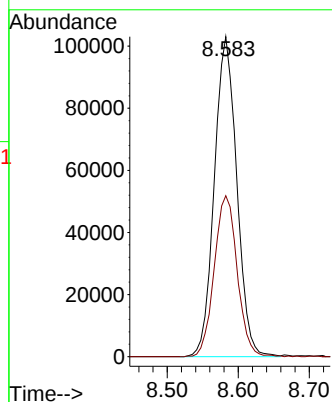
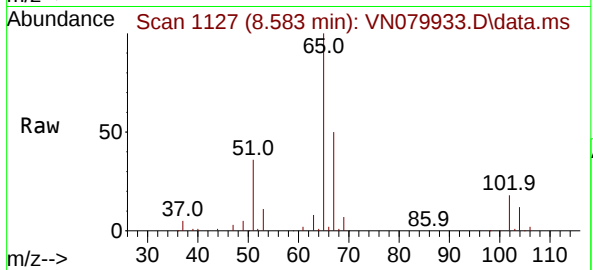
PB156885ZHE#16

Tgt Ion: 65 Resp: 225822

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# 1216

Delta R.T. 0.000 min

Lab File: VN079933.D

Acq: 06 Nov 2023 19:21

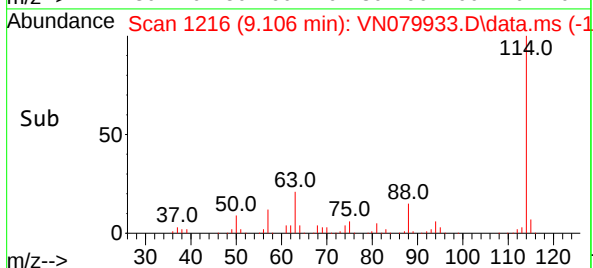
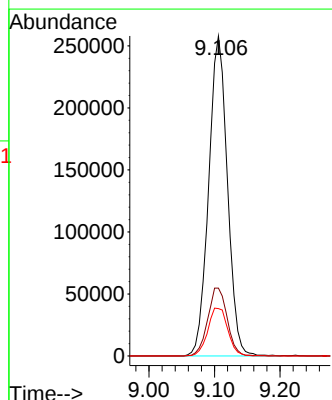
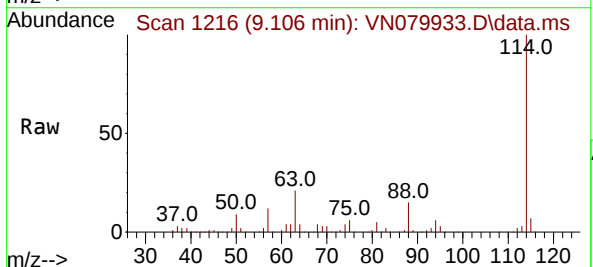
Tgt Ion: 114 Resp: 512584

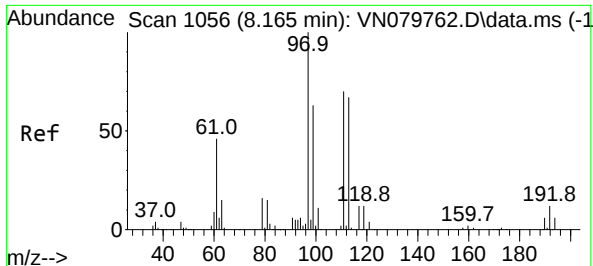
Ion Ratio Lower Upper

114 100

63 21.2 0.0 36.4

88 14.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.027 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079933.D

Acq: 06 Nov 2023 19:21

Instrument :

MSVOA_N

ClientSampleId :

PB156885ZHE#16

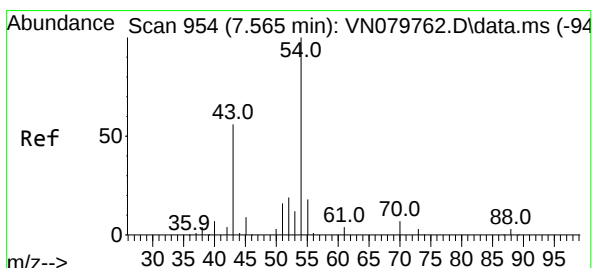
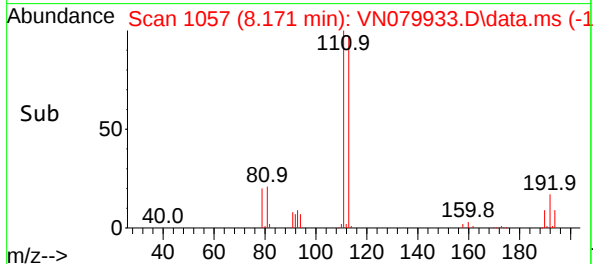
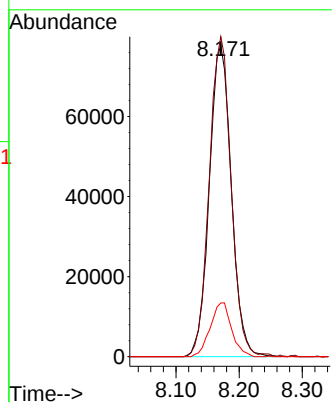
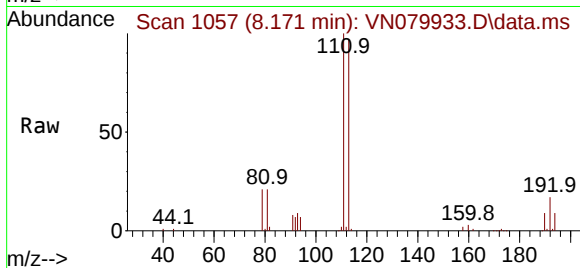
Tgt Ion:113 Resp: 188748

Ion Ratio Lower Upper

113 100

111 101.8 82.6 123.8

192 16.8 12.7 19.1



#37

Ethyl Acetate

Concen: 1.248 ug/l

RT: 7.577 min Scan# 956

Delta R.T. 0.012 min

Lab File: VN079933.D

Acq: 06 Nov 2023 19:21

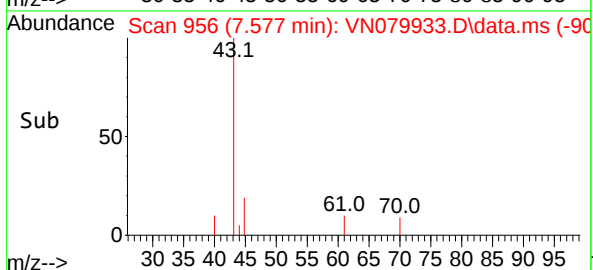
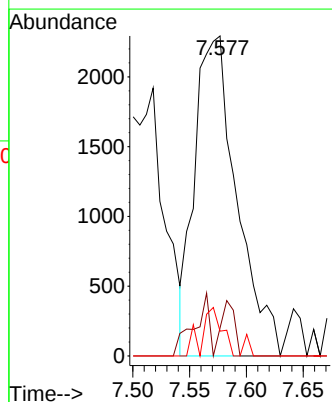
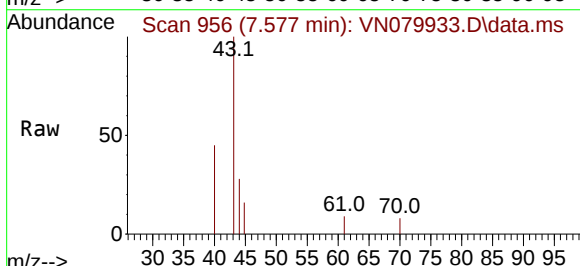
Tgt Ion: 43 Resp: 5929

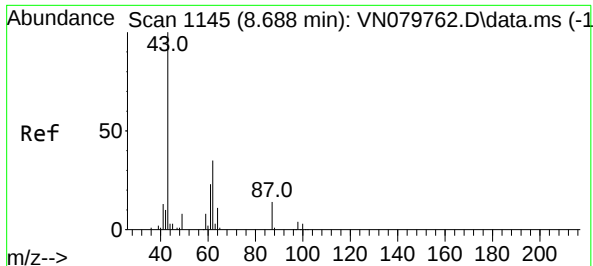
Ion Ratio Lower Upper

43 100

61 5.5 13.2 19.8#

70 7.3 11.3 16.9#





#43

Isopropyl Acetate

Concen: 42.190 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN079933.D

Acq: 06 Nov 2023 19:21

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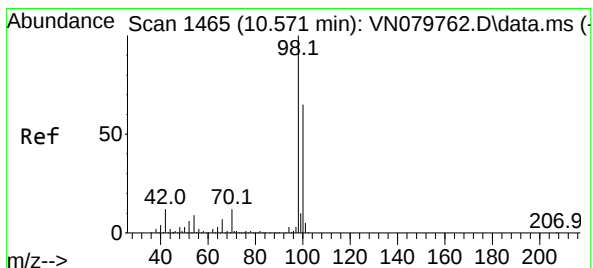
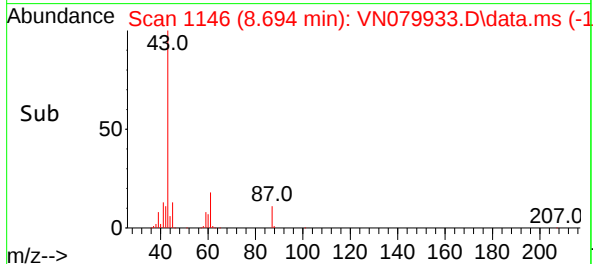
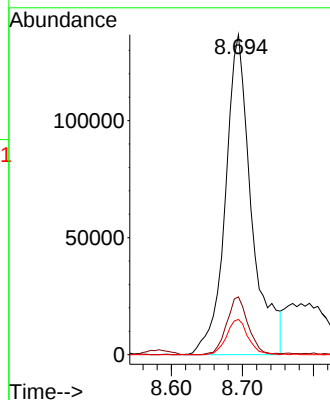
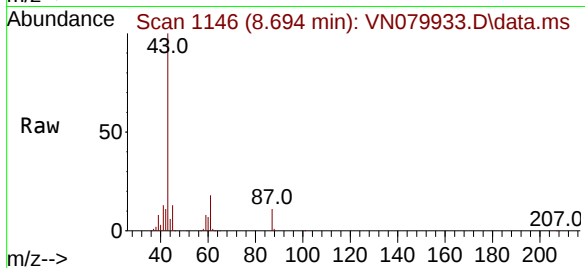
Tgt Ion: 43 Resp: 351491

Ion Ratio Lower Upper

43 100

61 14.8 24.7 37.1#

87 9.0 14.6 21.8#



#50

Toluene-d8

Concen: 52.985 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079933.D

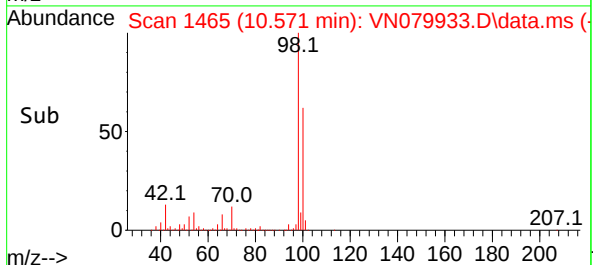
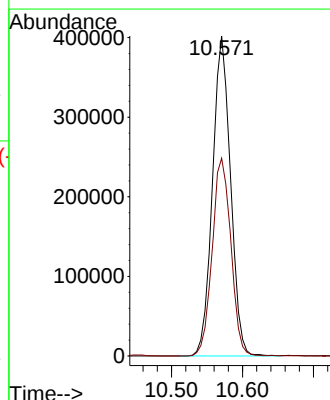
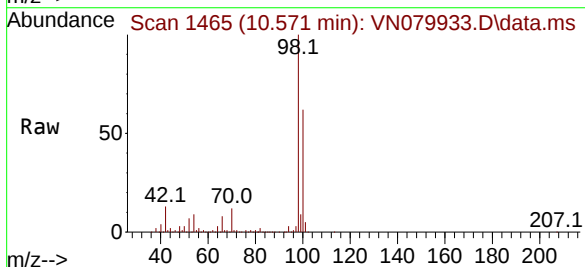
Acq: 06 Nov 2023 19:21

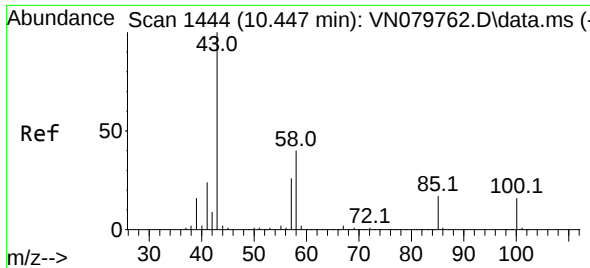
Tgt Ion: 98 Resp: 707642

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0

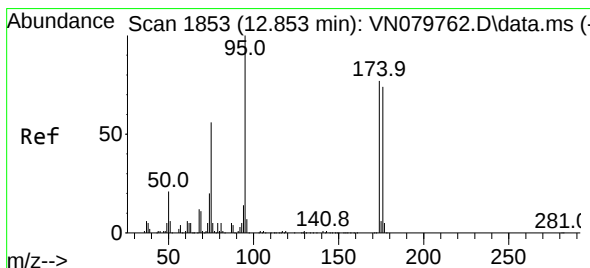
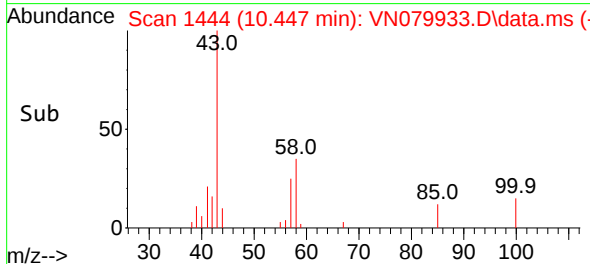
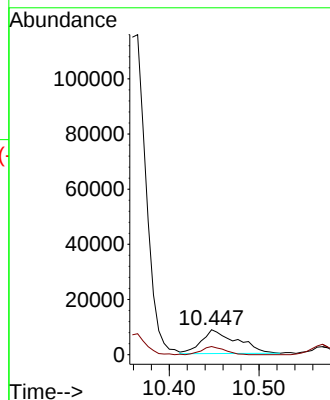
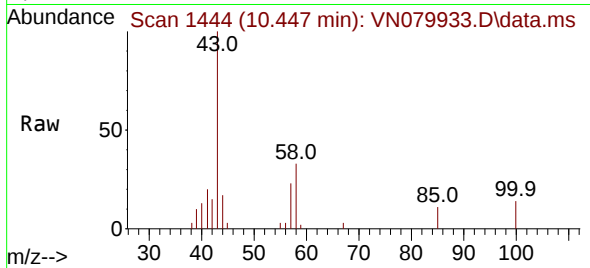




#51
4-Methyl-2-Pentanone
Concen: 5.018 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079933.D
Acq: 06 Nov 2023 19:21

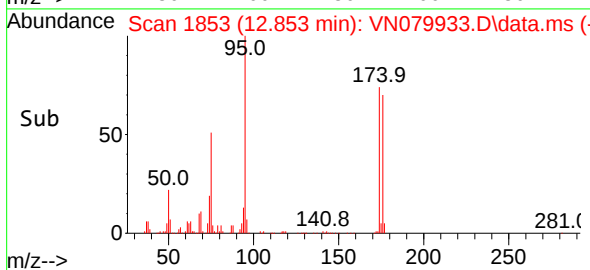
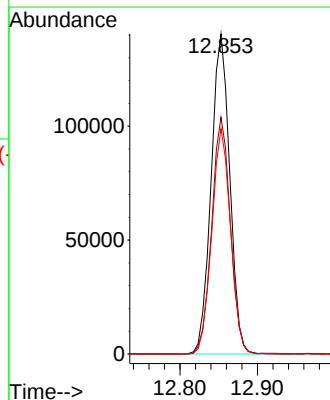
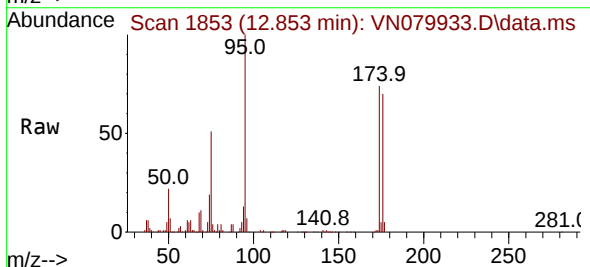
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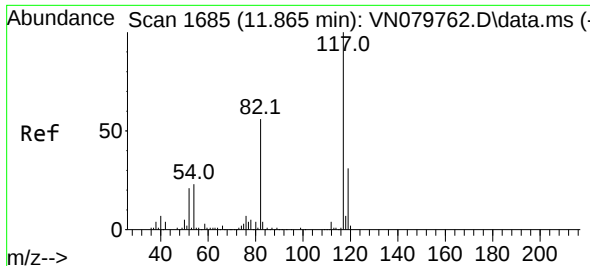
Tgt Ion: 43 Resp: 23536
Ion Ratio Lower Upper
43 100
58 22.6 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 52.880 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079933.D
Acq: 06 Nov 2023 19:21

Tgt Ion: 95 Resp: 234222
Ion Ratio Lower Upper
95 100
174 74.1 0.0 143.8
176 70.7 0.0 135.8

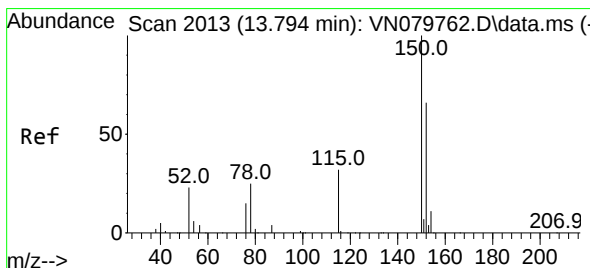
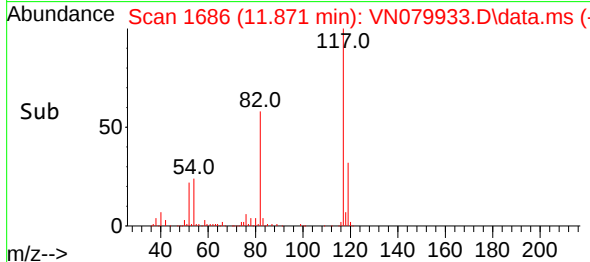
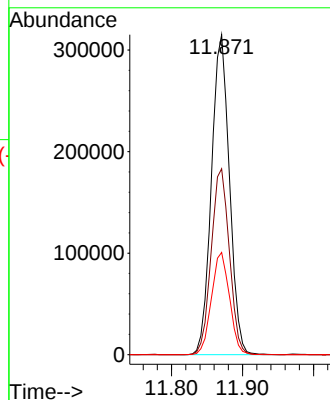
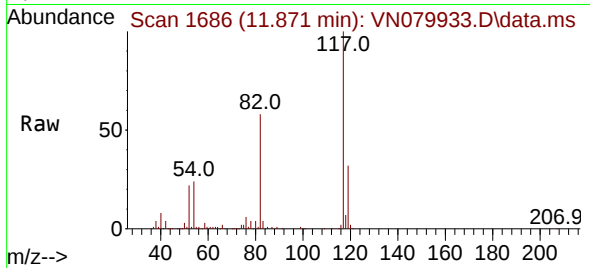




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079933.D
Acq: 06 Nov 2023 19:21

Instrument :
MSVOA_N
ClientSampleId :
PB156885ZHE#16

Tgt Ion:117 Resp: 553579
Ion Ratio Lower Upper
117 100
82 58.1 44.0 66.0
119 31.9 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: VN079933.D
Acq: 06 Nov 2023 19:21

Tgt Ion:152 Resp: 198251
Ion Ratio Lower Upper
152 100
115 63.0 32.3 96.8
150 160.9 0.0 355.8

