

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102323\
 Data File : VN079641.D
 Acq On : 23 Oct 2023 12:11
 Operator : JC\MD
 Sample : PB156545ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB156545ZHE#01

Quant Time: Oct 23 23:48:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

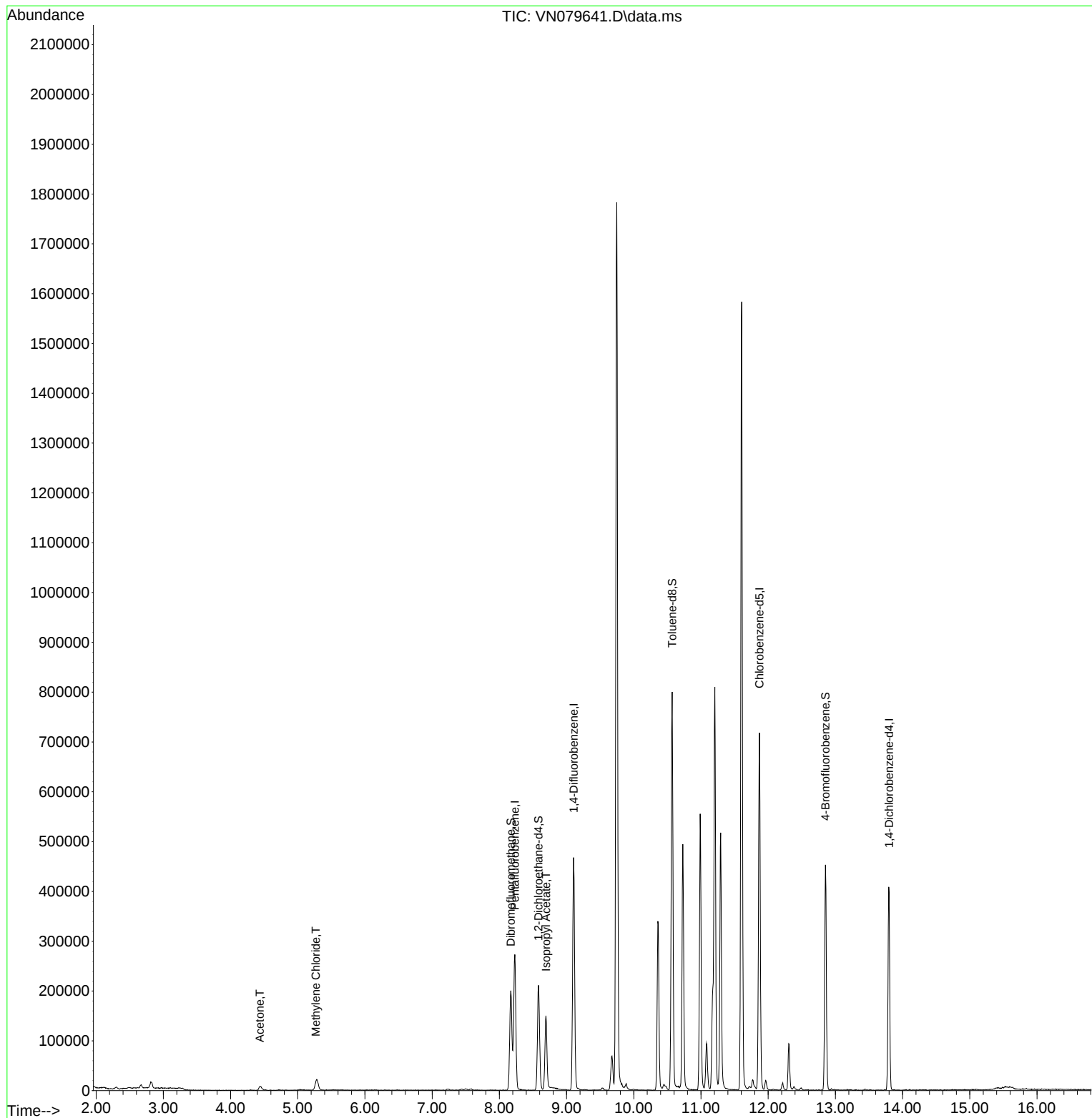
Internal Standards						
1) Pentafluorobenzene	8.229	168	194107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	388118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	404916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	107239	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	168789	53.630	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 107.260%		
35) Dibromofluoromethane	8.171	113	143559	51.470	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.940%		
50) Toluene-d8	10.570	98	538020	53.312	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 106.620%		
62) 4-Bromofluorobenzene	12.853	95	150472	46.460	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 92.920%		
Target Compounds						Qvalue
16) Acetone	4.436	43	16437	13.167	ug/l #	85
20) Methylene Chloride	5.271	84	16566	5.525	ug/l	96
43) Isopropyl Acetate	8.694	43	164725	22.573	ug/l #	81

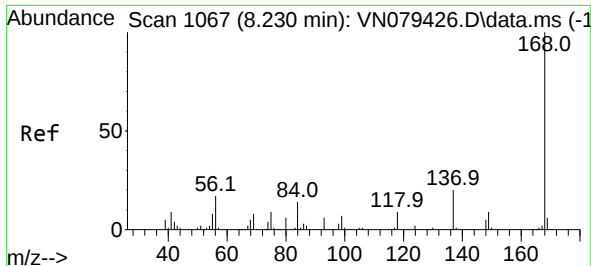
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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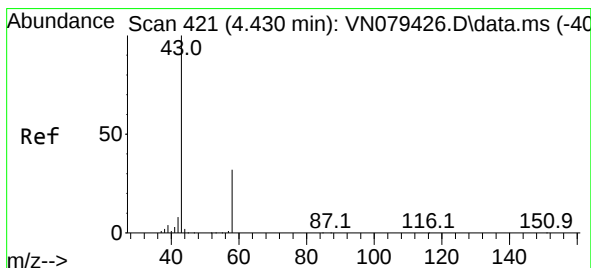
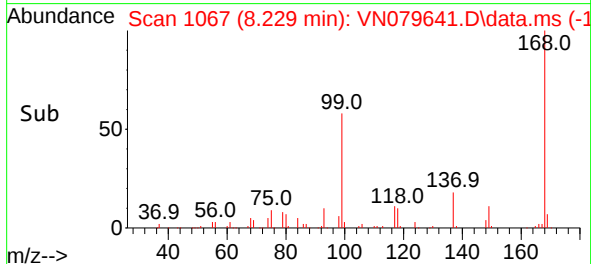
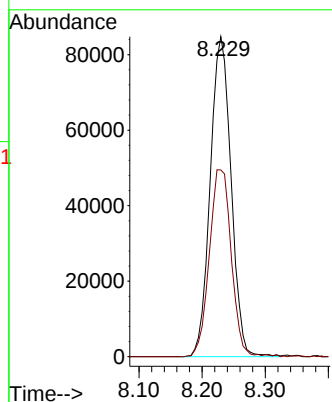
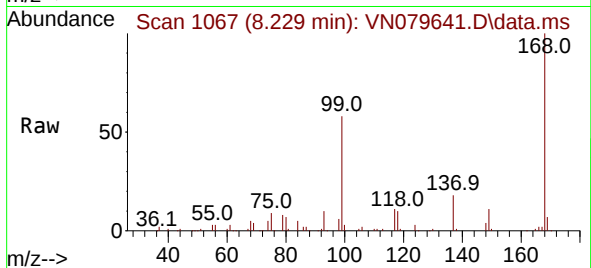




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079641.D
Acq: 23 Oct 2023 12:11

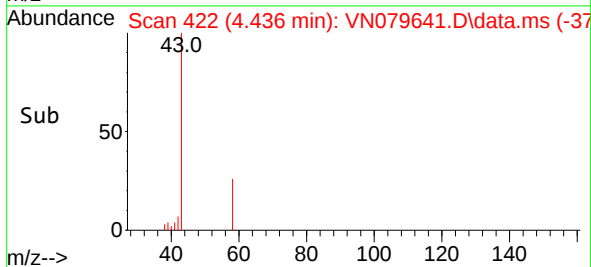
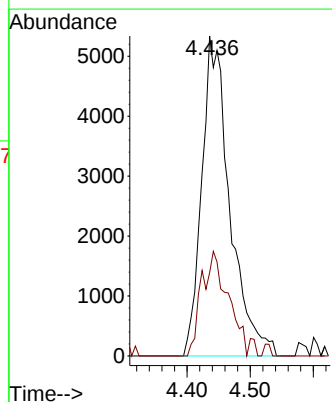
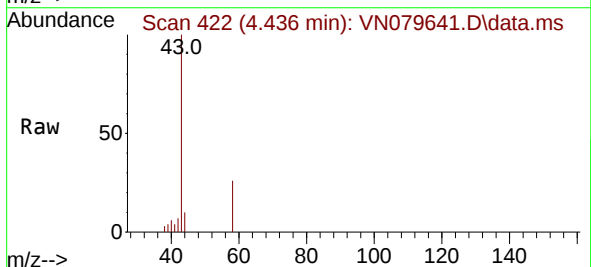
Instrument :
MSVOA_N
ClientSampleId :
PB156545ZHE#01

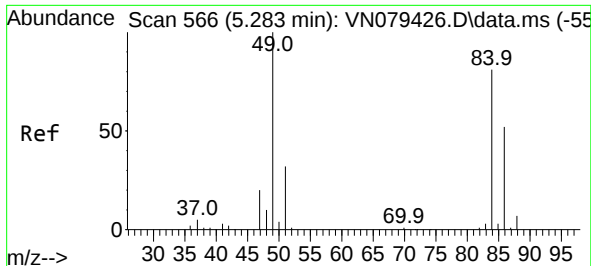
Tgt Ion:168 Resp: 194107
Ion Ratio Lower Upper
168 100
99 58.4 53.0 79.6



#16
Acetone
Concen: 13.167 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079641.D
Acq: 23 Oct 2023 12:11

Tgt Ion: 43 Resp: 16437
Ion Ratio Lower Upper
43 100
58 26.0 28.0 42.0#

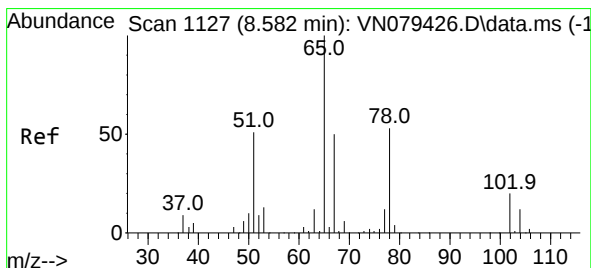
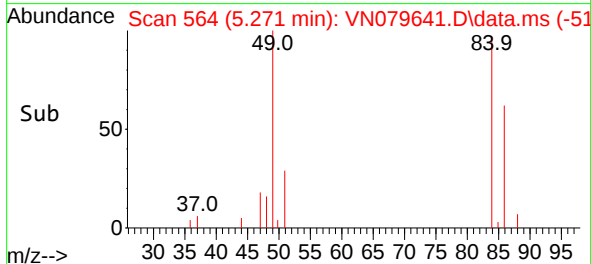
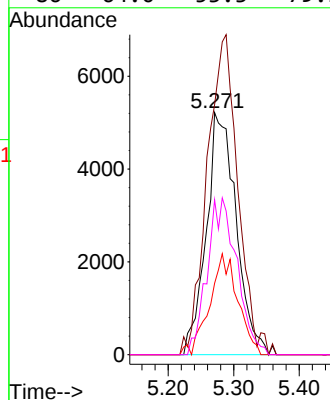
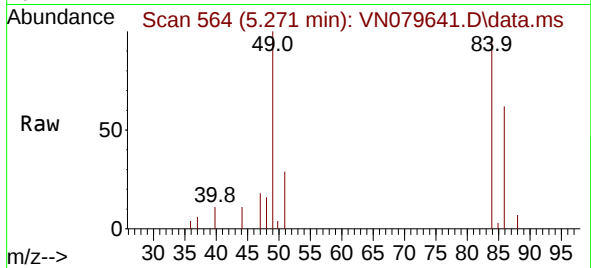




#20
Methylene Chloride
Concen: 5.525 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN079641.D
Acq: 23 Oct 2023 12:11

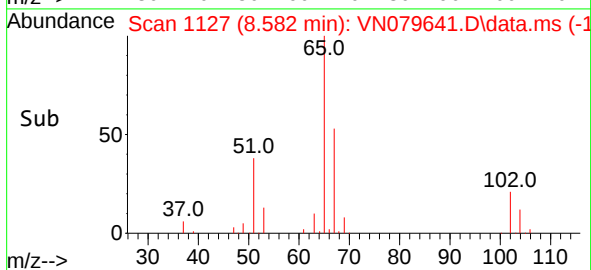
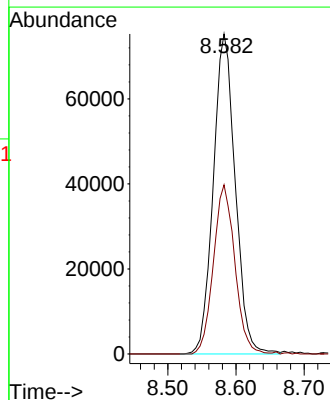
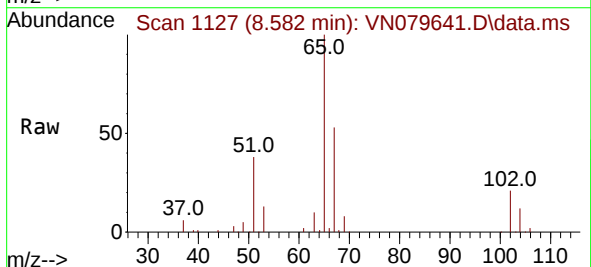
Instrument :
MSVOA_N
ClientSampleId :
PB156545ZHE#01

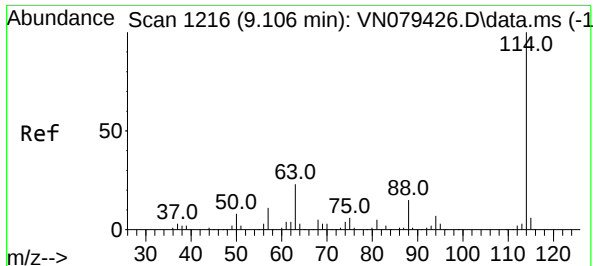
Tgt Ion:	84	Resp:	16566
Ion	Ratio	Lower	Upper
84	100		
49	103.2	79.7	119.5
51	29.5	25.2	37.8
86	64.0	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 53.630 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079641.D
Acq: 23 Oct 2023 12:11

Tgt Ion:	65	Resp:	168789
Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN079641.D

Acq: 23 Oct 2023 12:11

Instrument :

MSVOA_N

ClientSampleId :

PB156545ZHE#01

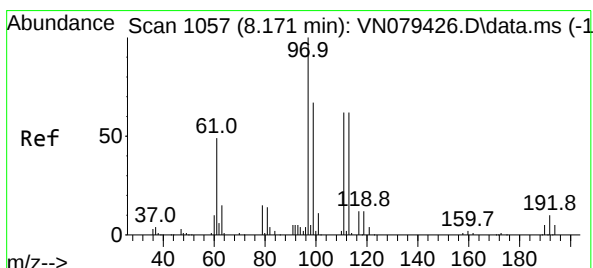
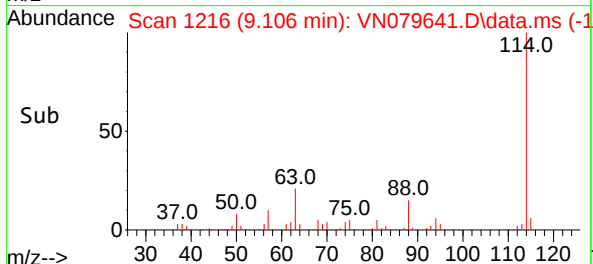
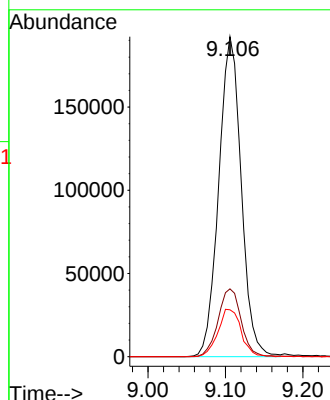
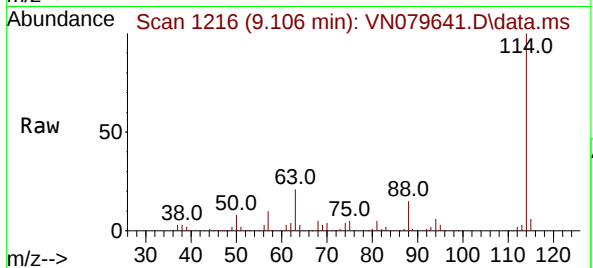
Tgt Ion:114 Resp: 388118

Ion Ratio Lower Upper

114 100

63 21.2 0.0 36.4

88 14.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.470 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079641.D

Acq: 23 Oct 2023 12:11

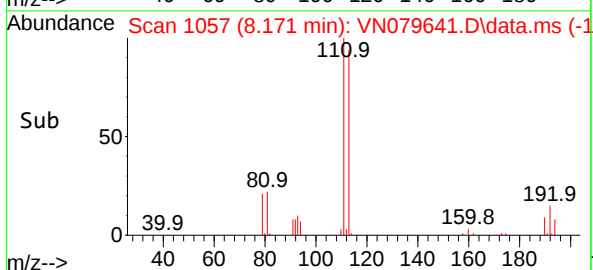
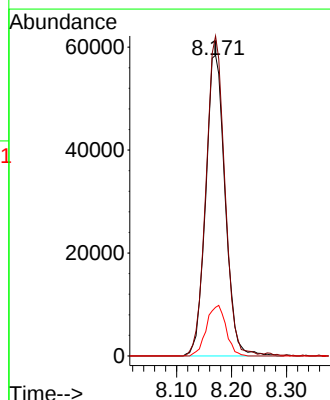
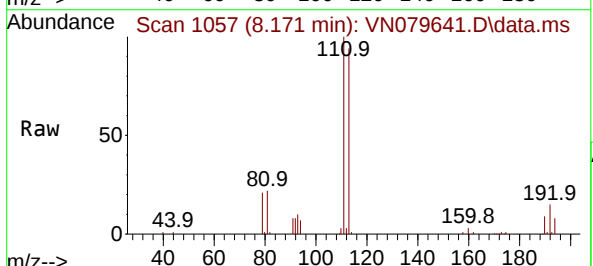
Tgt Ion:113 Resp: 143559

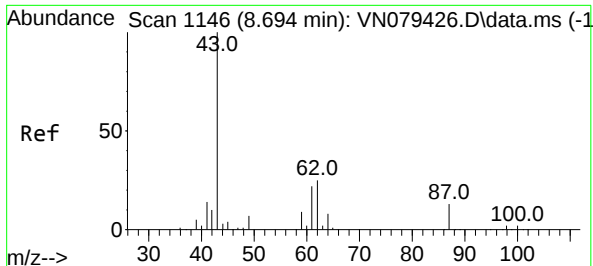
Ion Ratio Lower Upper

113 100

111 103.3 82.6 123.8

192 17.0 12.7 19.1





#43

Isopropyl Acetate

Concen: 22.573 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VN079641.D

Acq: 23 Oct 2023 12:11

Instrument :

MSVOA_N

ClientSampleId :

PB156545ZHE#01

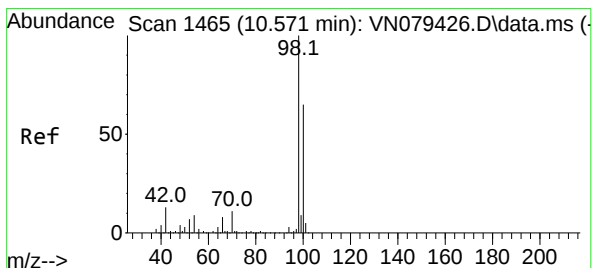
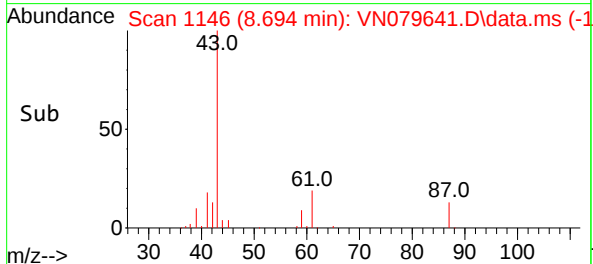
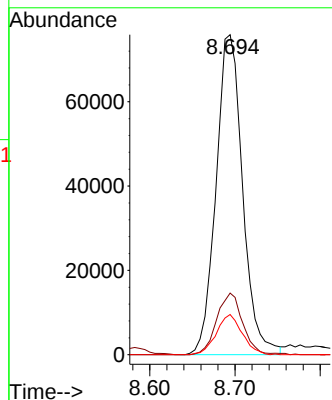
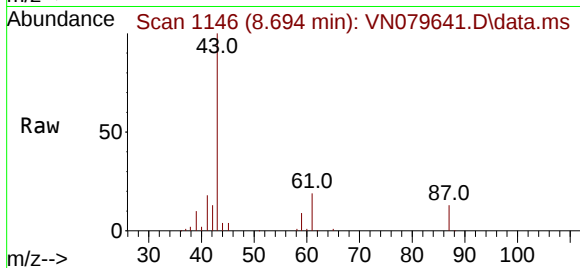
Tgt Ion: 43 Resp: 164725

Ion Ratio Lower Upper

43 100

61 18.9 24.7 37.1#

87 12.2 14.6 21.8#



#50

Toluene-d8

Concen: 53.312 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079641.D

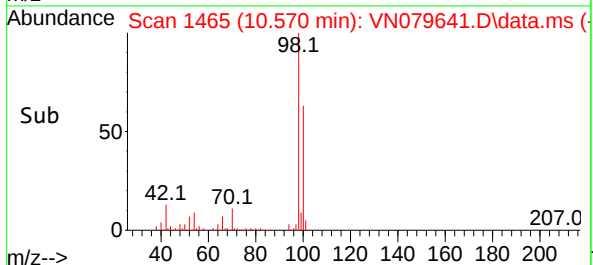
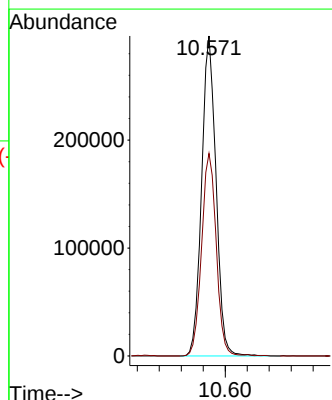
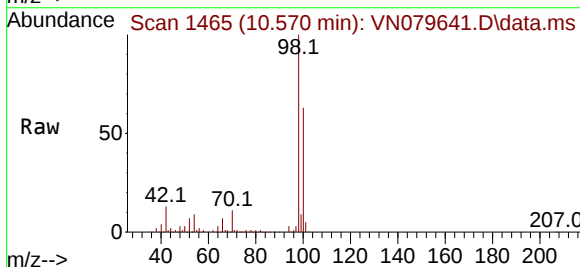
Acq: 23 Oct 2023 12:11

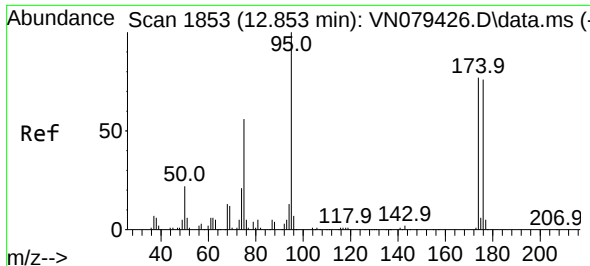
Tgt Ion: 98 Resp: 538020

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0

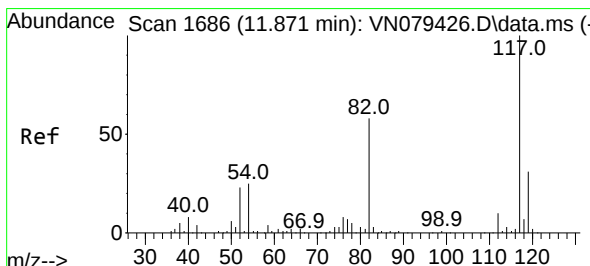
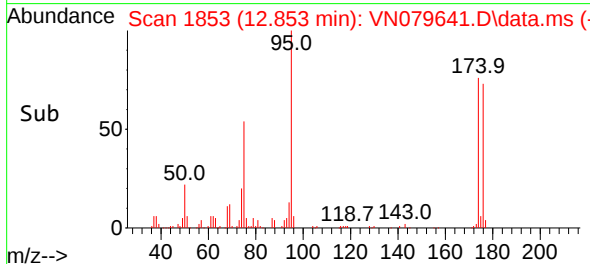
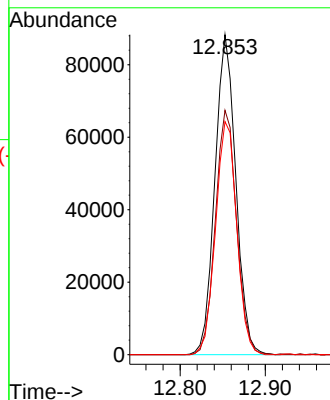
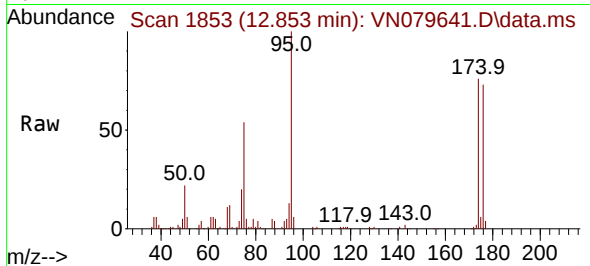




#62
4-Bromofluorobenzene
Concen: 46.460 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079641.D
Acq: 23 Oct 2023 12:11

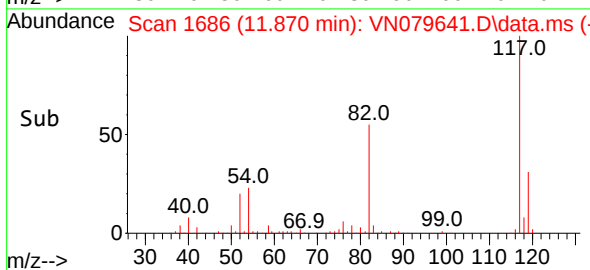
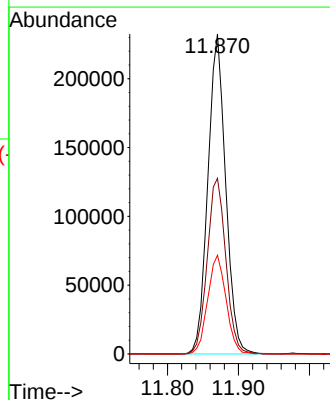
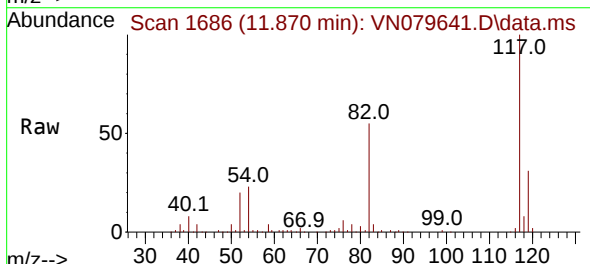
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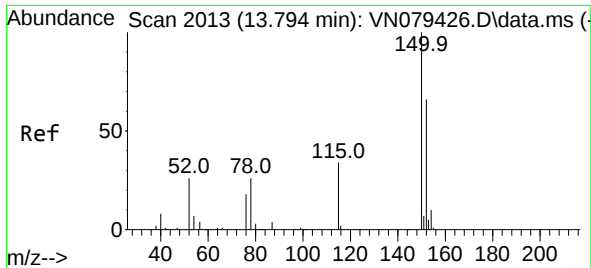
Tgt Ion: 95 Resp: 150472
Ion Ratio Lower Upper
95 100
174 77.4 0.0 143.8
176 73.9 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079641.D
Acq: 23 Oct 2023 12:11

Tgt Ion: 117 Resp: 404916
Ion Ratio Lower Upper
117 100
82 54.9 44.0 66.0
119 30.9 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: VN079641.D

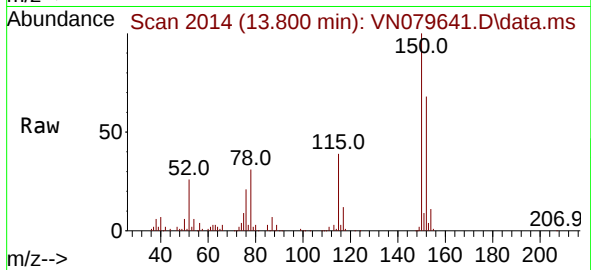
Acq: 23 Oct 2023 12:11

Instrument :

MSVOA_N

ClientSampleId :

PB156545ZHE#01



Tgt Ion:152 Resp: 107239

Ion Ratio Lower Upper

152 100

115 60.2 32.3 96.8

150 155.1 0.0 355.8

