

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112023\
 Data File : VY016427.D
 Acq On : 20 Nov 2023 16:36
 Operator : SY/MD
 Sample : 05463-01RE
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-08-11162023RE

Quant Time: Nov 21 05:15:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

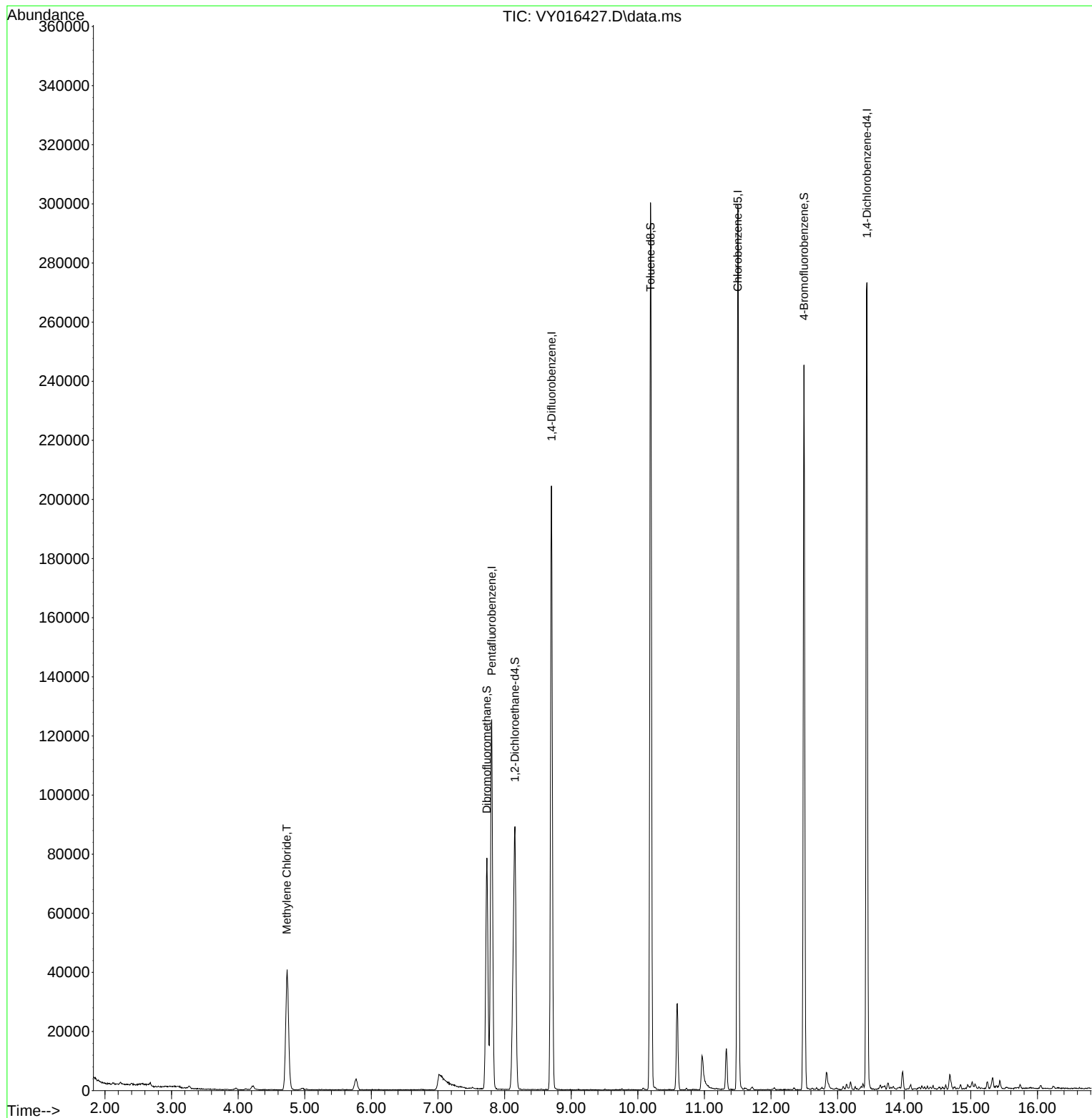
Internal Standards						
1) Pentafluorobenzene	7.807	168	99823	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	177319	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	170641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	74652	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	59682	65.416	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.840%	
35) Dibromofluoromethane	7.734	113	56491	56.082	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.160%	
50) Toluene-d8	10.191	98	204651	50.101	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.200%	
62) 4-Bromofluorobenzene	12.495	95	69510	52.395	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.780%	
Target Compounds						
20) Methylene Chloride	4.728	84	32772	29.299	ug/l	Qvalue # 83

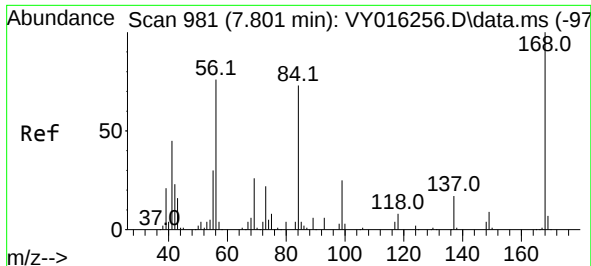
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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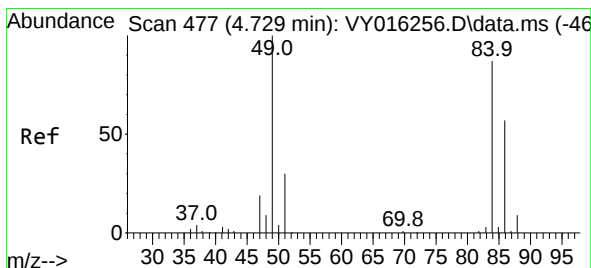
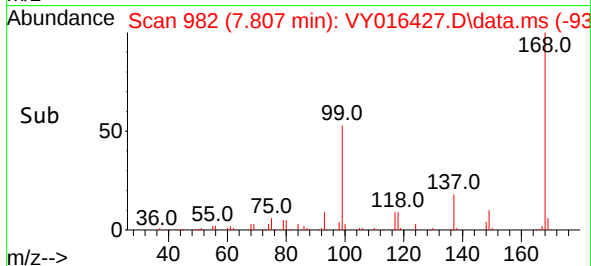
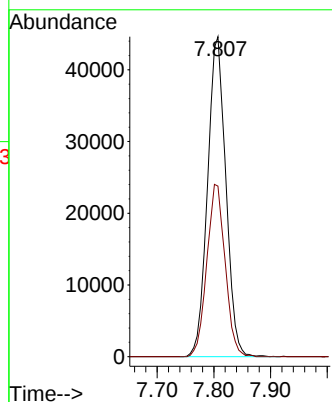
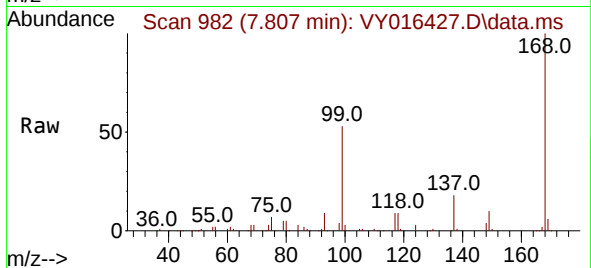




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016427.D
Acq: 20 Nov 2023 16:36

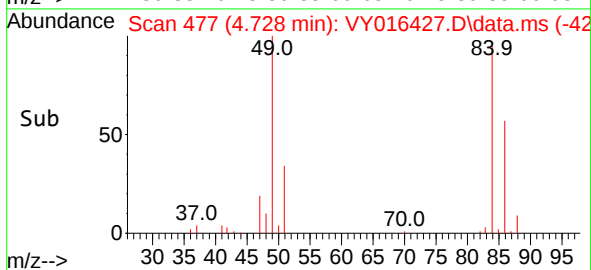
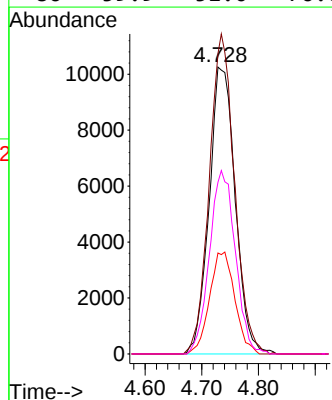
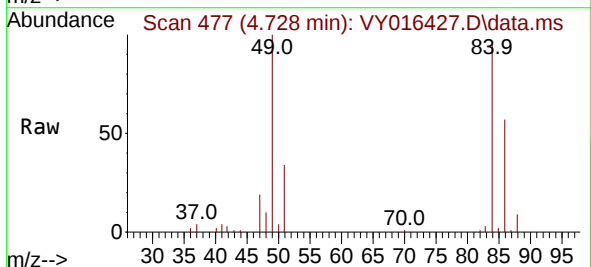
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-11162023RE

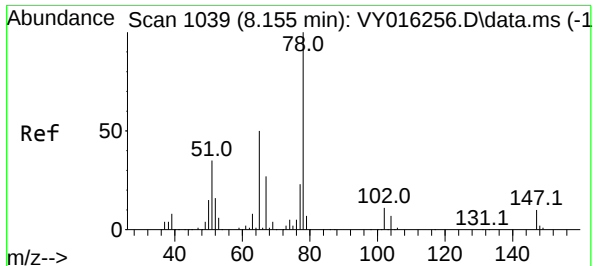
Tgt Ion:168 Resp: 99823
Ion Ratio Lower Upper
168 100
99 53.3 43.4 65.0



#20
Methylene Chloride
Concen: 29.299 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY016427.D
Acq: 20 Nov 2023 16:36

Tgt Ion: 84 Resp: 32772
Ion Ratio Lower Upper
84 100
49 104.7 106.9 160.3#
51 35.2 33.2 49.8
86 59.9 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 65.416 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY016427.D

Acq: 20 Nov 2023 16:36

Instrument :

MSVOA_Y

ClientSampleId :

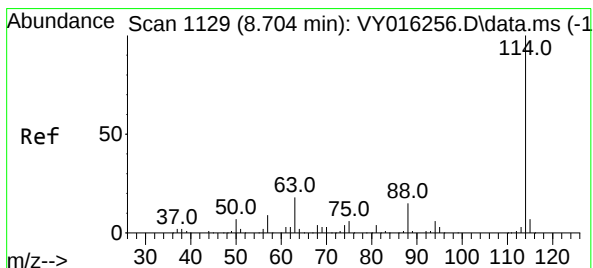
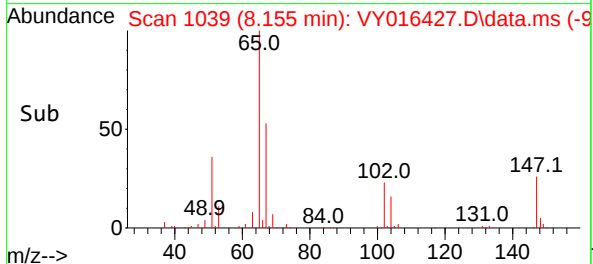
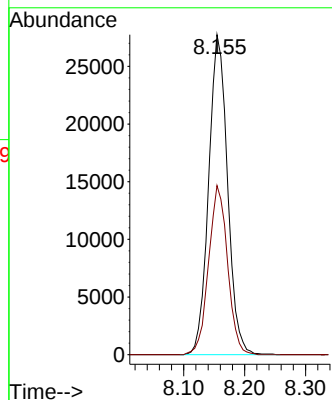
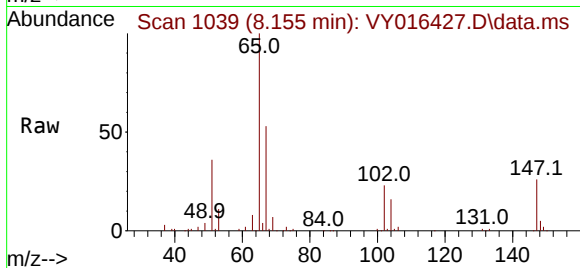
NB-08-11162023RE

Tgt Ion: 65 Resp: 59682

Ion Ratio Lower Upper

65 100

67 53.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016427.D

Acq: 20 Nov 2023 16:36

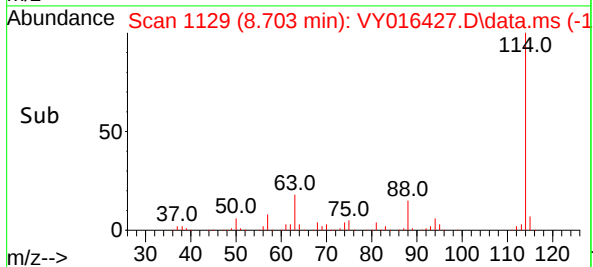
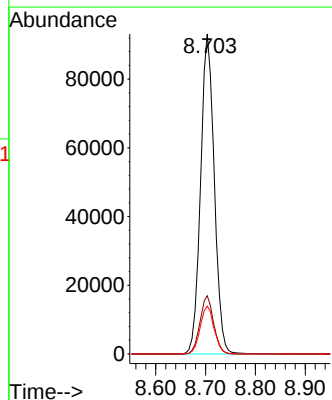
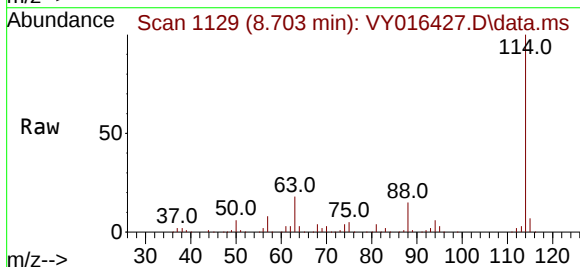
Tgt Ion: 114 Resp: 177319

Ion Ratio Lower Upper

114 100

63 18.2 0.0 42.4

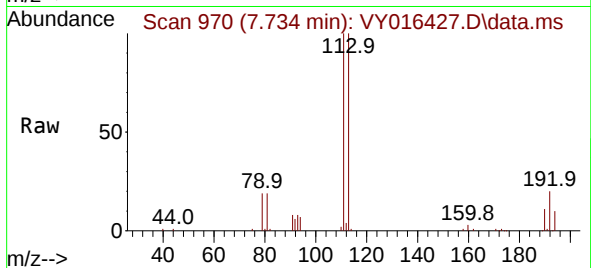
88 15.0 0.0 30.6



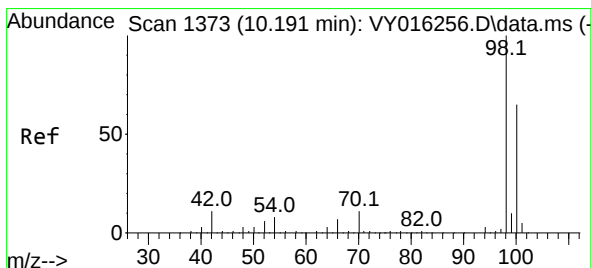
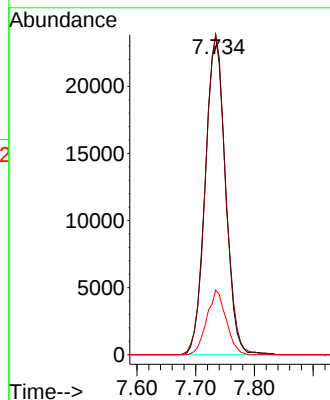
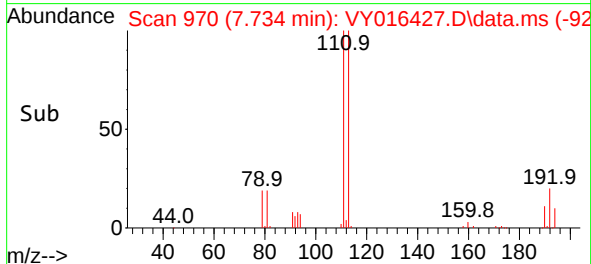


#35
Dibromofluoromethane
Concen: 56.082 ug/l
RT: 7.734 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016427.D
Acq: 20 Nov 2023 16:36

Instrument :
MSVOA_Y
ClientSampleId :
NB-08-11162023RE

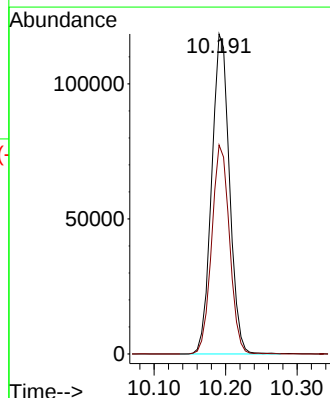
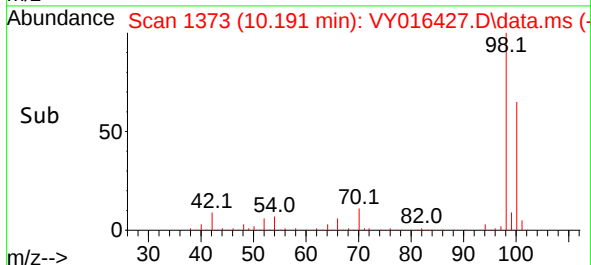
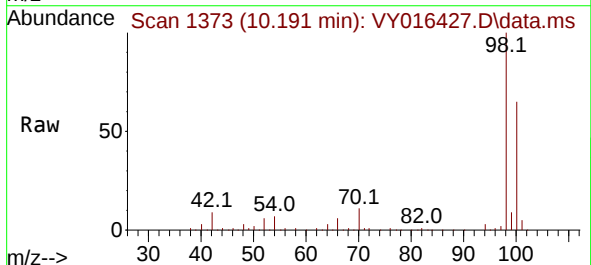


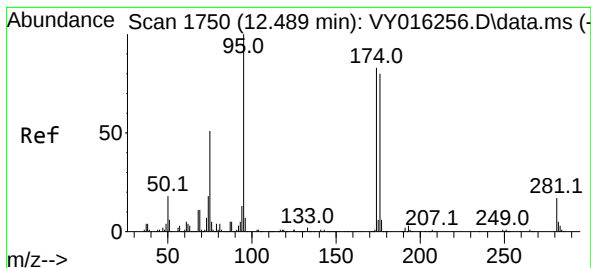
Tgt Ion:113 Resp: 56491
Ion Ratio Lower Upper
113 100
111 100.8 81.3 121.9
192 19.4 16.9 25.3



#50
Toluene-d8
Concen: 50.101 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016427.D
Acq: 20 Nov 2023 16:36

Tgt Ion: 98 Resp: 204651
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1

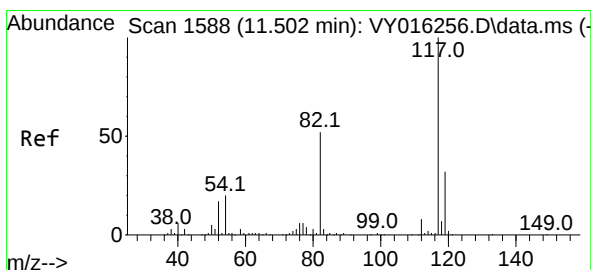
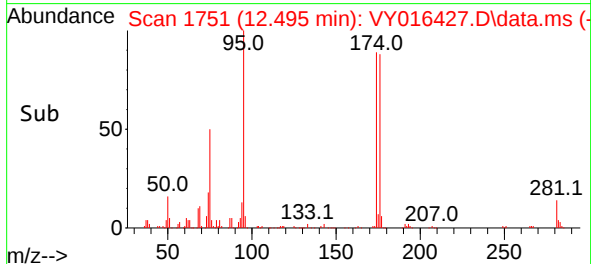
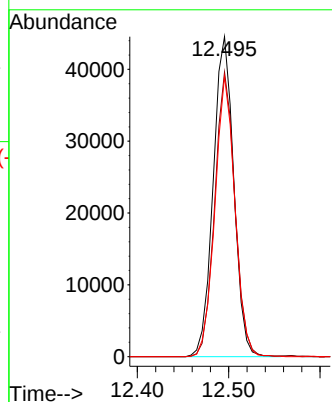
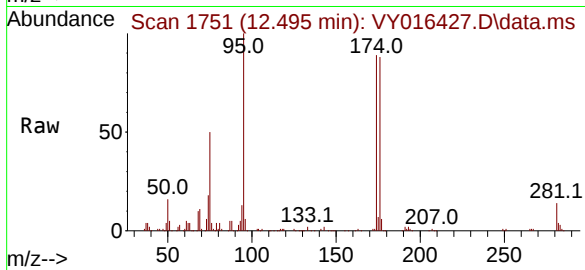




#62
4-Bromofluorobenzene
Concen: 52.395 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016427.D
Acq: 20 Nov 2023 16:36

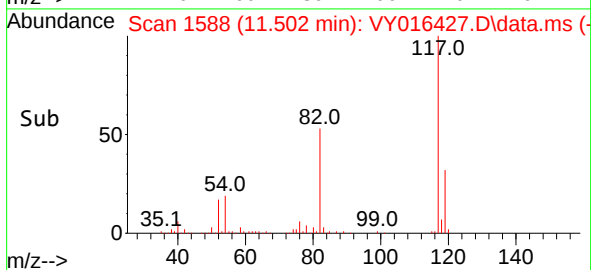
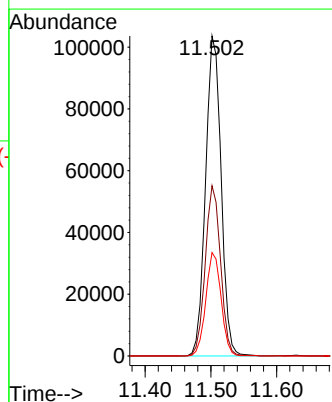
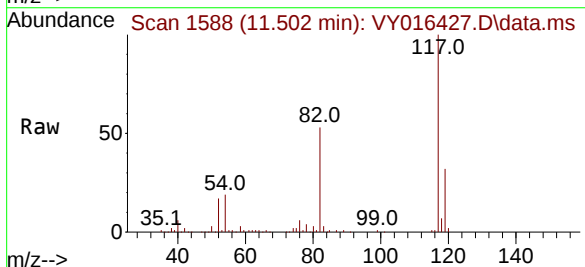
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-11162023RE

Tgt Ion: 95 Resp: 69510
Ion Ratio Lower Upper
95 100
174 87.5 0.0 178.2
176 85.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016427.D
Acq: 20 Nov 2023 16:36

Tgt Ion: 117 Resp: 170641
Ion Ratio Lower Upper
117 100
82 53.2 43.4 65.0
119 32.3 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016427.D

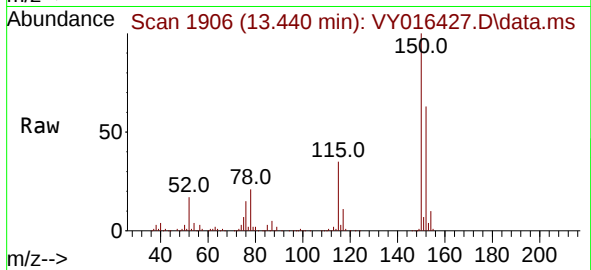
Acq: 20 Nov 2023 16:36

Instrument :

MSVOA_Y

ClientSampleId :

NB-08-11162023RE



Tgt Ion:152 Resp: 74652

Ion Ratio Lower Upper

152 100

115 57.9 28.8 86.5

150 158.4 0.0 348.8

