

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112023\
 Data File : VY016428.D
 Acq On : 20 Nov 2023 16:59
 Operator : SY/MD
 Sample : 05464-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-11162023RE

Quant Time: Nov 21 05:15:58 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)

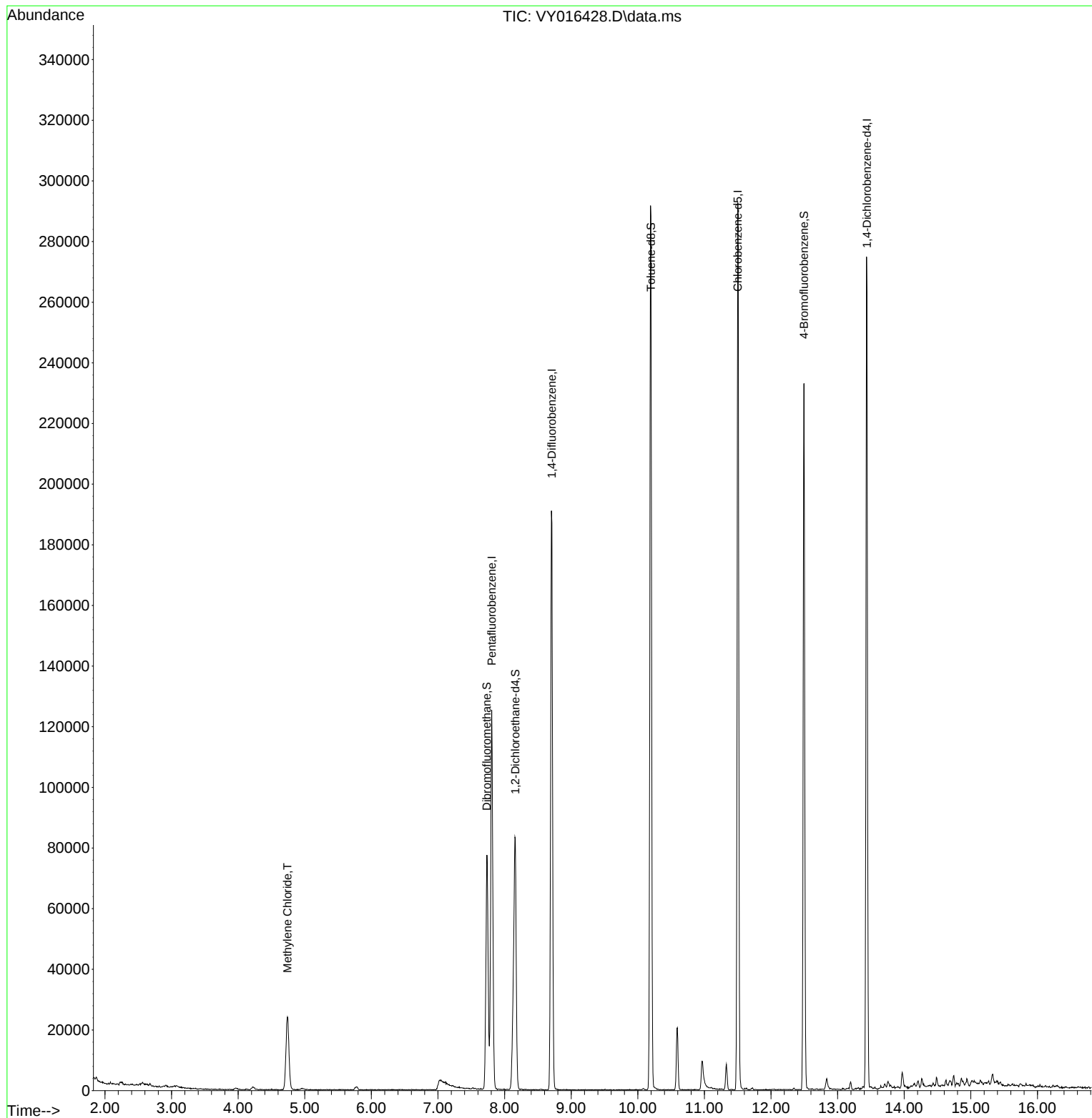
Internal Standards						
1) Pentafluorobenzene	7.807	168	97098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	172577	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	165198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	73712	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	58972	66.452	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.900%
35) Dibromofluoromethane	7.734	113	55096	56.201	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.400%
50) Toluene-d8	10.197	98	203295	51.137	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.280%
62) 4-Bromofluorobenzene	12.495	95	68361	52.944	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.880%
Target Compounds						Qvalue
20) Methylene Chloride	4.741	84	20193	17.188	ug/l	86

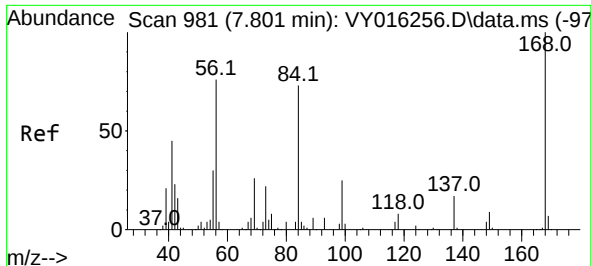
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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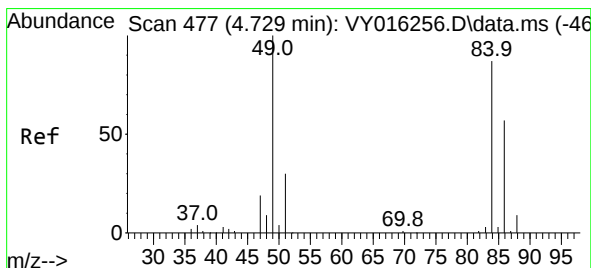
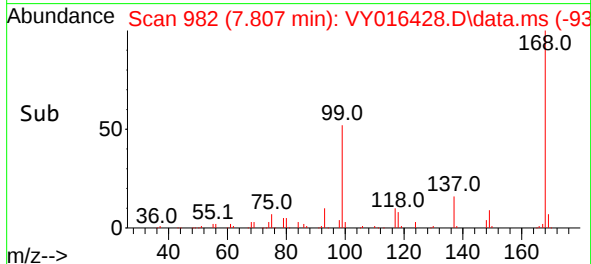
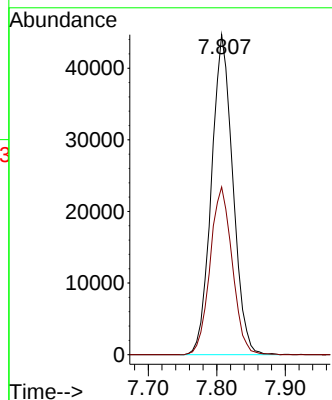
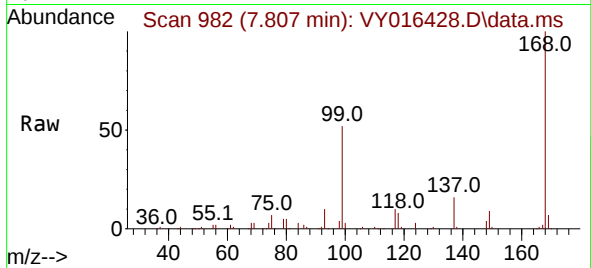




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016428.D
Acq: 20 Nov 2023 16:59

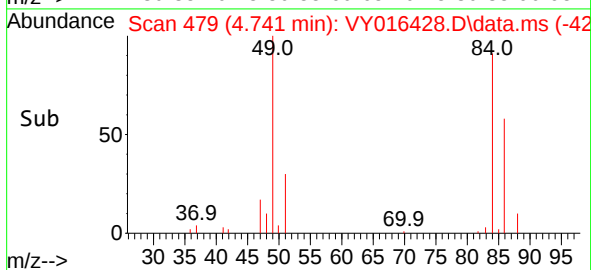
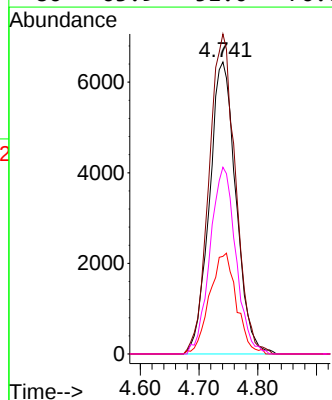
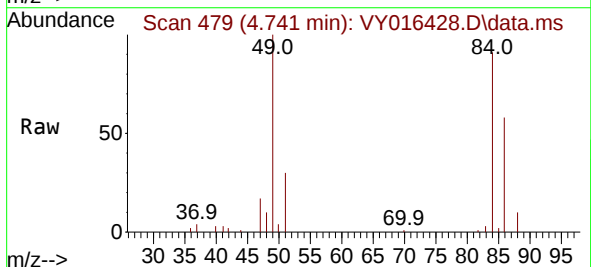
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-11162023RE

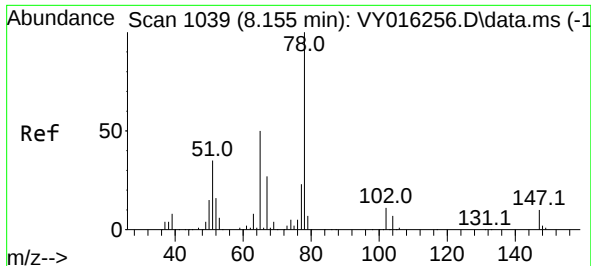
Tgt Ion:168 Resp: 97098
Ion Ratio Lower Upper
168 100
99 52.4 43.4 65.0



#20
Methylene Chloride
Concen: 17.188 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.012 min
Lab File: VY016428.D
Acq: 20 Nov 2023 16:59

Tgt Ion: 84 Resp: 20193
Ion Ratio Lower Upper
84 100
49 109.6 106.9 160.3
51 33.4 33.2 49.8
86 63.9 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 66.452 ug/l

RT: 8.161 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY016428.D

Acq: 20 Nov 2023 16:59

Instrument :

MSVOA_Y

ClientSampleId :

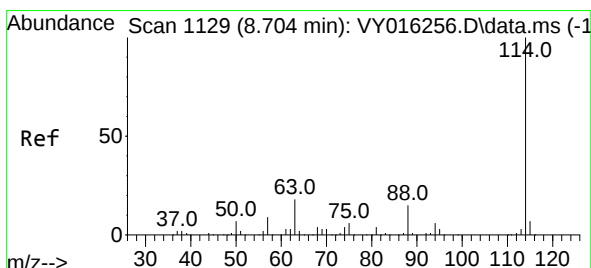
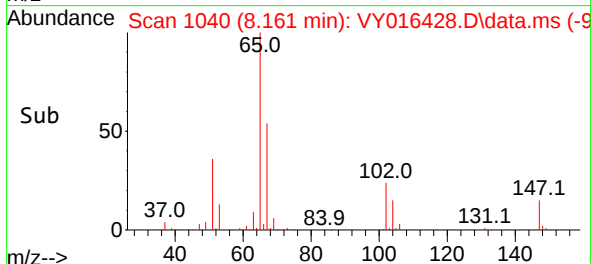
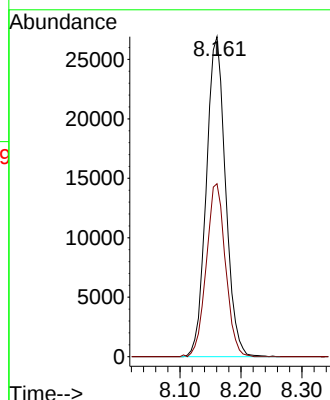
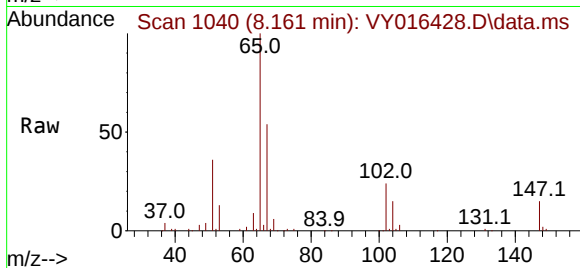
TR-05-11162023RE

Tgt Ion: 65 Resp: 58972

Ion Ratio Lower Upper

65 100

67 53.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY016428.D

Acq: 20 Nov 2023 16:59

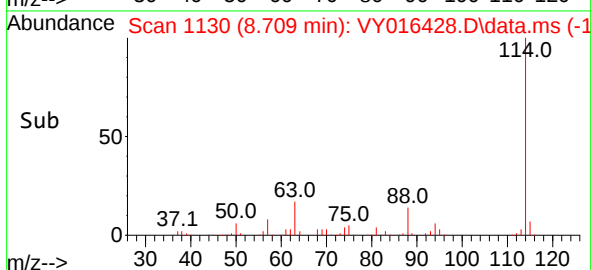
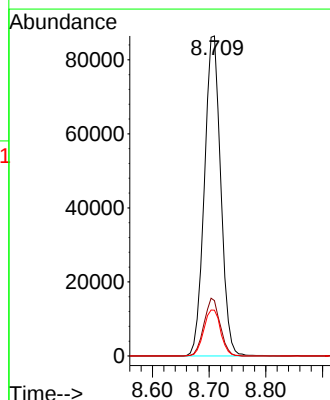
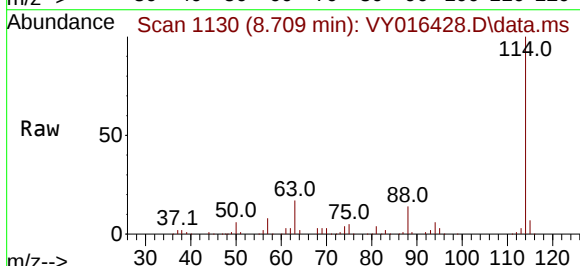
Tgt Ion: 114 Resp: 172577

Ion Ratio Lower Upper

114 100

63 17.3 0.0 42.4

88 14.3 0.0 30.6

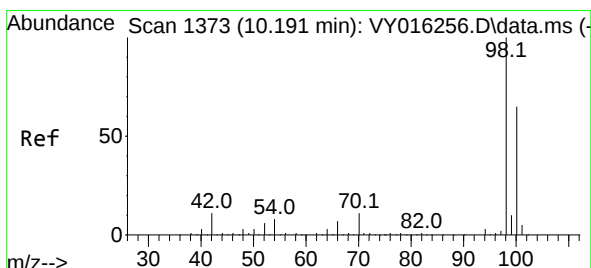
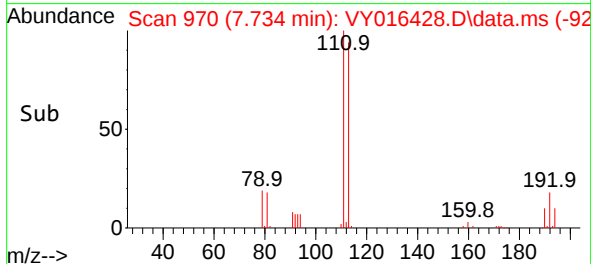
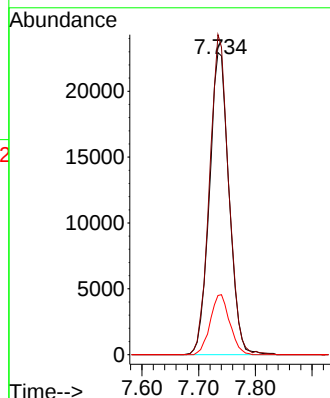
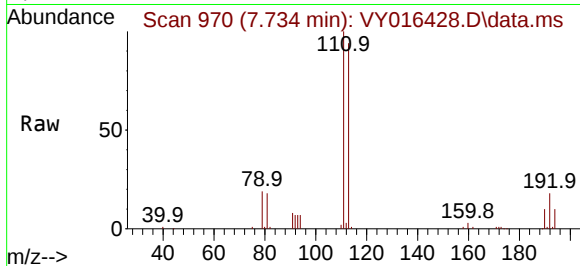




#35
Dibromofluoromethane
Concen: 56.201 ug/l
RT: 7.734 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016428.D
Acq: 20 Nov 2023 16:59

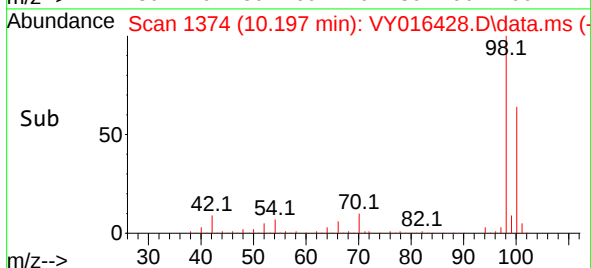
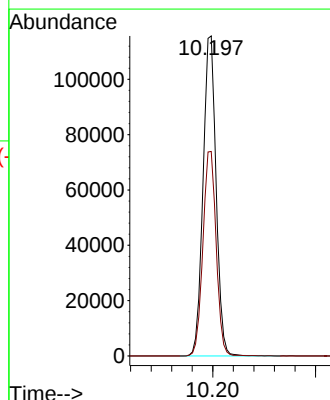
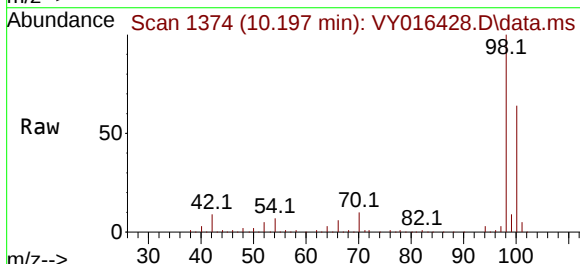
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-11162023RE

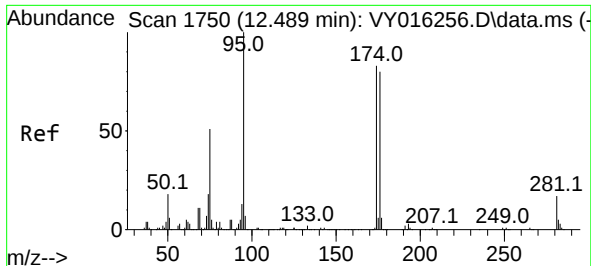
Tgt Ion:113 Resp: 55096
Ion Ratio Lower Upper
113 100
111 103.2 81.3 121.9
192 19.7 16.9 25.3



#50
Toluene-d8
Concen: 51.137 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY016428.D
Acq: 20 Nov 2023 16:59

Tgt Ion: 98 Resp: 203295
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1

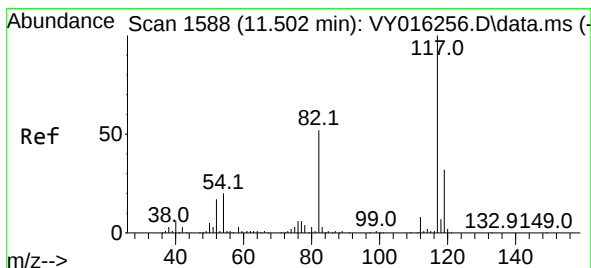
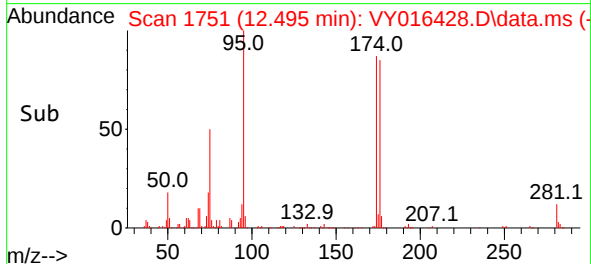
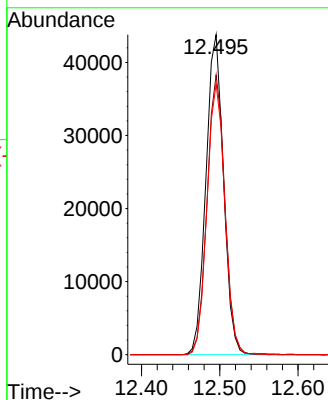
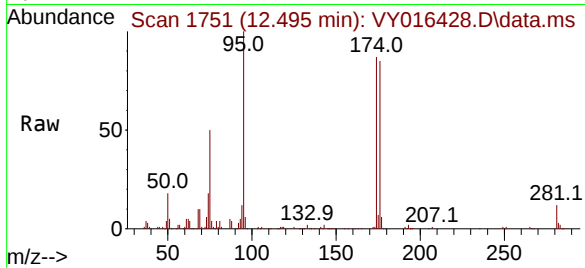




#62
4-Bromofluorobenzene
Concen: 52.944 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016428.D
Acq: 20 Nov 2023 16:59

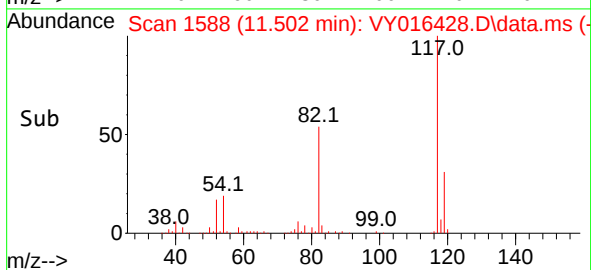
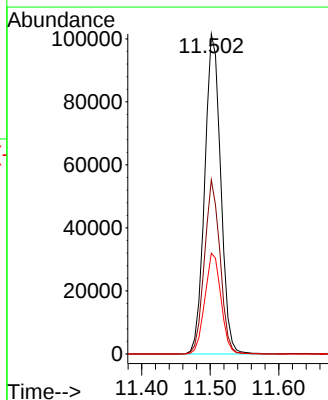
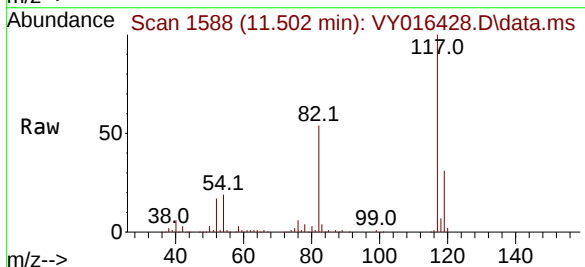
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-11162023RE

Tgt Ion: 95 Resp: 68361
Ion Ratio Lower Upper
95 100
174 88.3 0.0 178.2
176 85.7 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: VY016428.D
Acq: 20 Nov 2023 16:59

Tgt Ion: 117 Resp: 165198
Ion Ratio Lower Upper
117 100
82 54.4 43.4 65.0
119 31.5 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: VY016428.D

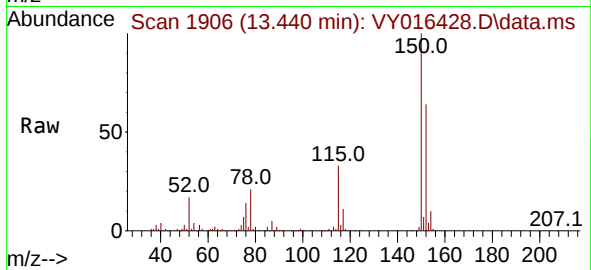
Acq: 20 Nov 2023 16:59

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-11162023RE



Tgt Ion:152 Resp: 73712

Ion Ratio Lower Upper

152 100

115 57.4 28.8 86.5

150 158.1 0.0 348.8

