

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112423\
 Data File : VY016482.D
 Acq On : 24 Nov 2023 14:18
 Operator : SY/MD
 Sample : 05539-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-03-112223

Quant Time: Nov 27 04:45:46 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)

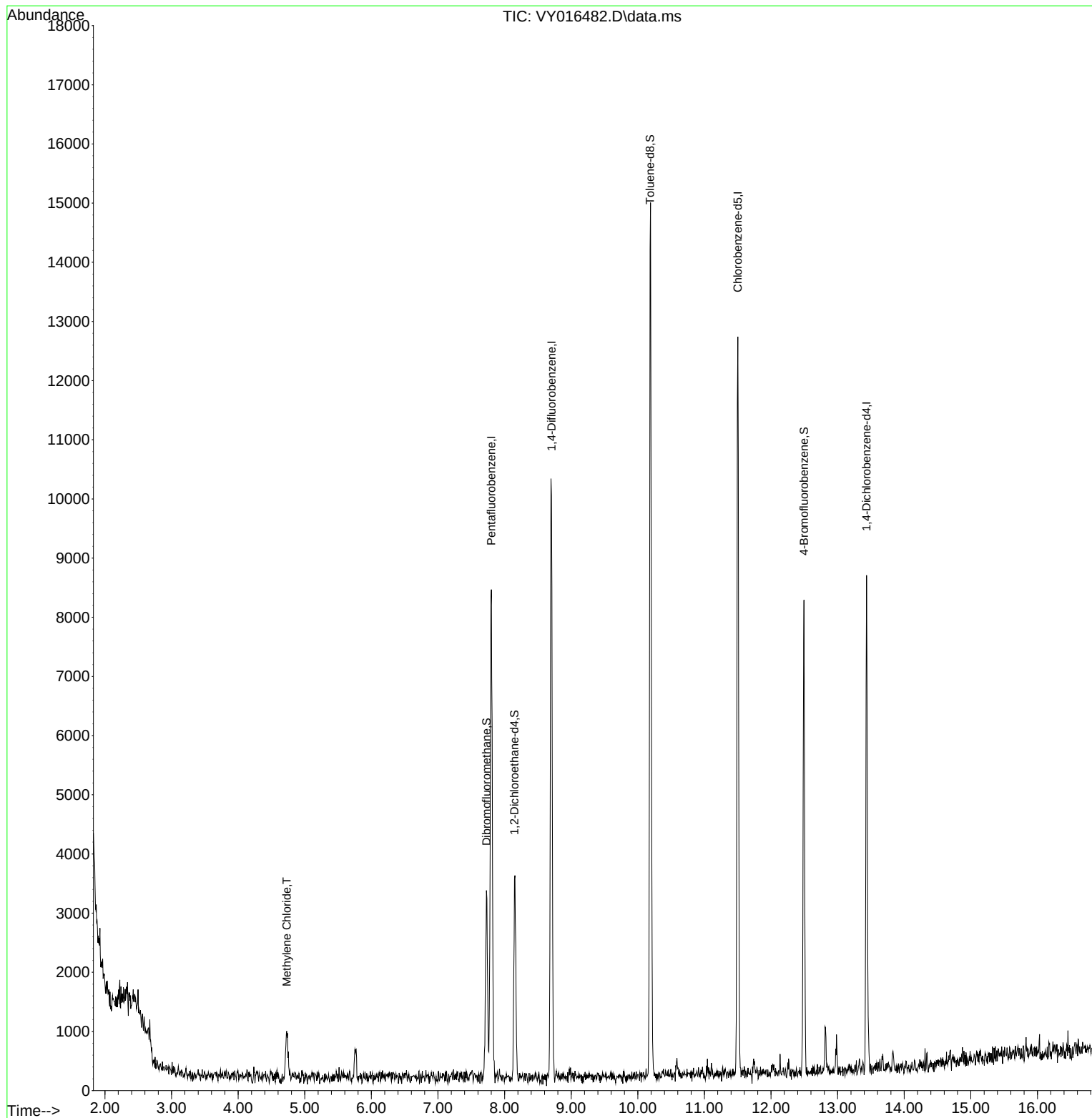
Internal Standards						
1) Pentafluorobenzene	7.801	168	7173	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	9568	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	7866	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	2676	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	2774	42.313	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.620%
35) Dibromofluoromethane	7.728	113	2243	41.268	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.540%
50) Toluene-d8	10.185	98	10642	48.283	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.560%
62) 4-Bromofluorobenzene	12.495	95	2782	38.862	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.720%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.728	84	595	4.607	ug/l #	64

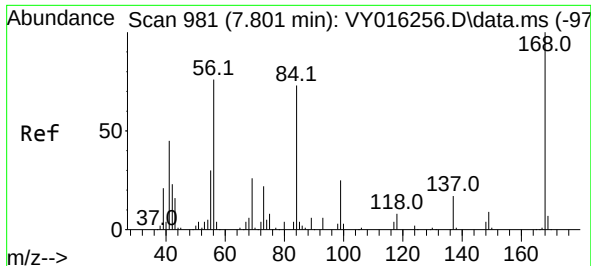
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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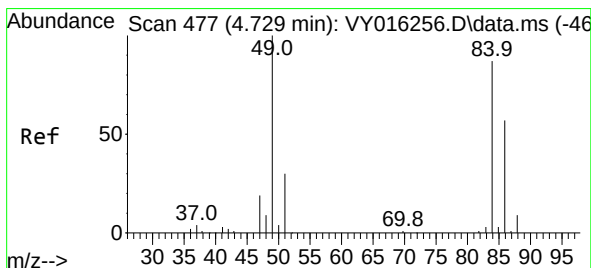
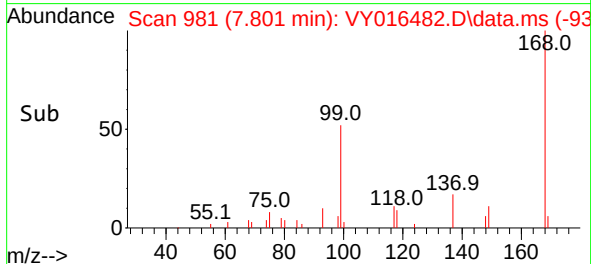
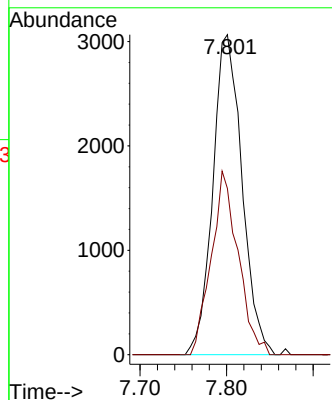
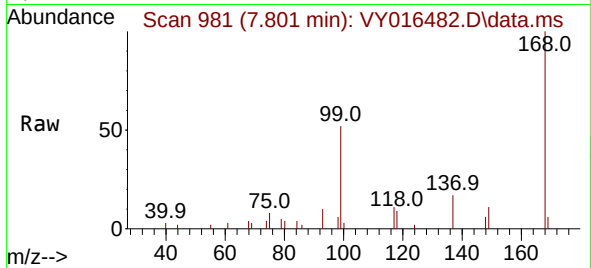




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016482.D
Acq: 24 Nov 2023 14:18

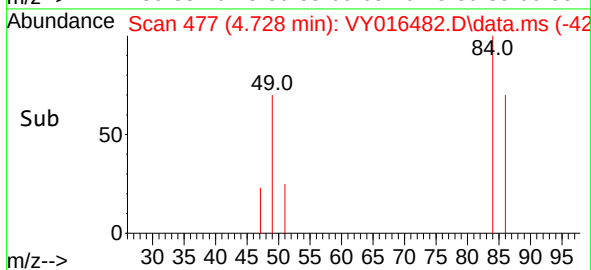
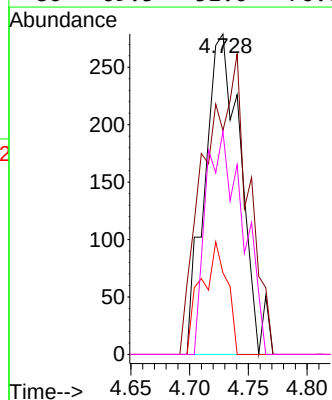
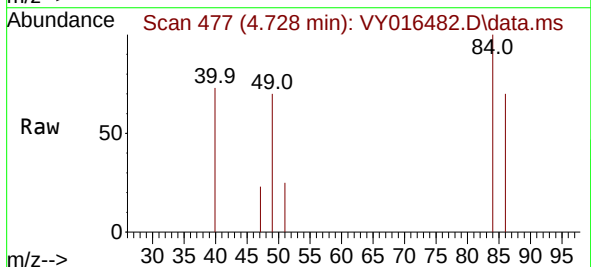
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-112223

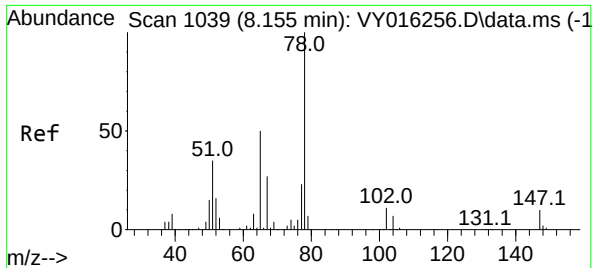
Tgt Ion:168 Resp: 7173
Ion Ratio Lower Upper
168 100
99 52.0 43.4 65.0



#20
Methylene Chloride
Concen: 4.607 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY016482.D
Acq: 24 Nov 2023 14:18

Tgt Ion: 84 Resp: 595
Ion Ratio Lower Upper
84 100
49 69.9 106.9 160.3#
51 25.4 33.2 49.8#
86 69.5 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 42.313 ug/l

RT: 8.148 min Scan# 1038

Delta R.T. -0.007 min

Lab File: VY016482.D

Acq: 24 Nov 2023 14:18

Instrument :

MSVOA_Y

ClientSampleId :

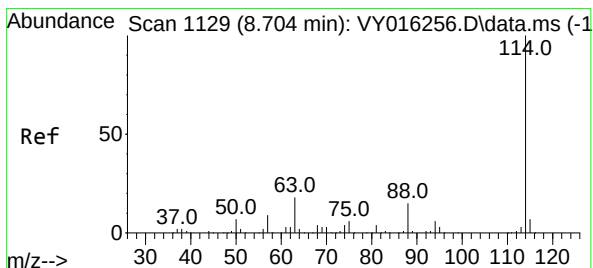
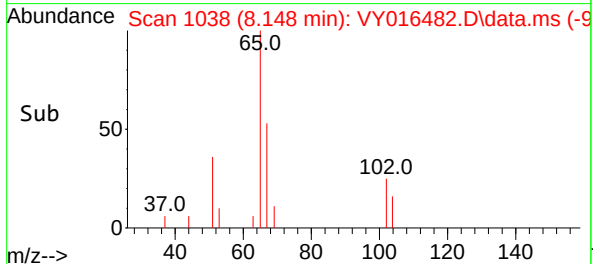
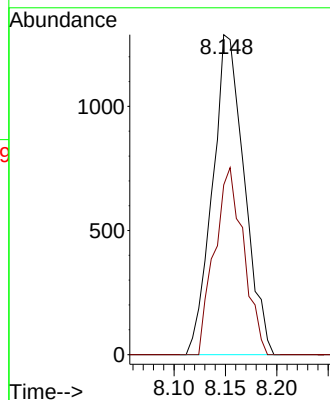
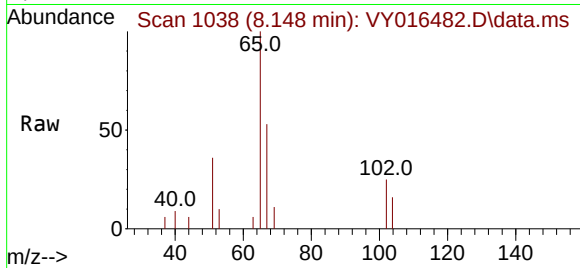
EO-03-112223

Tgt Ion: 65 Resp: 2774

Ion Ratio Lower Upper

65 100

67 53.2 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: VY016482.D

Acq: 24 Nov 2023 14:18

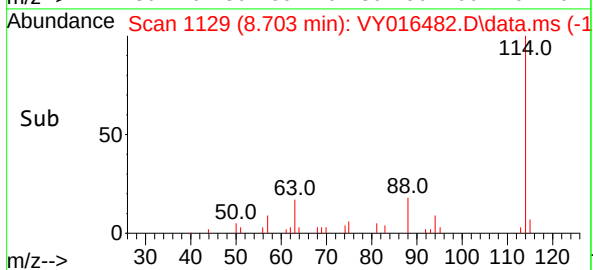
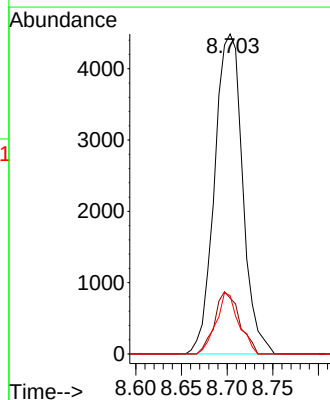
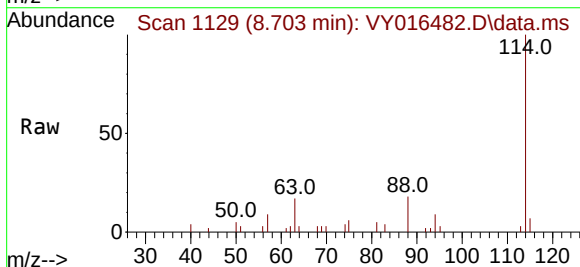
Tgt Ion: 114 Resp: 9568

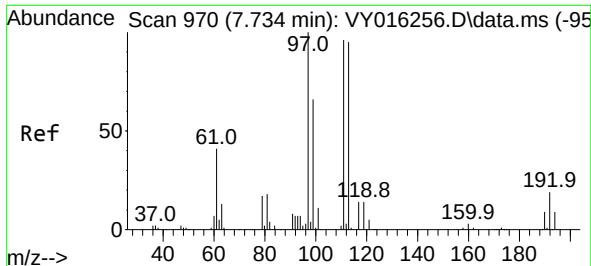
Ion Ratio Lower Upper

114 100

63 17.4 0.0 42.4

88 18.2 0.0 30.6

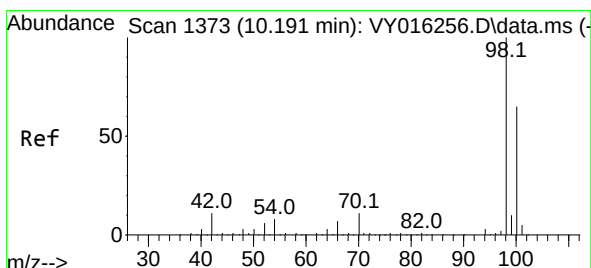
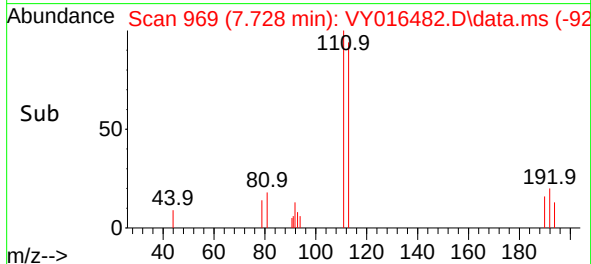
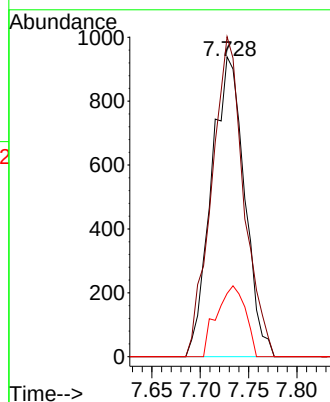
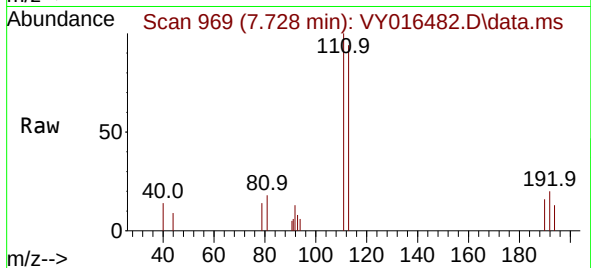




#35
 Dibromofluoromethane
 Concen: 41.268 ug/l
 RT: 7.728 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VY016482.D
 Acq: 24 Nov 2023 14:18

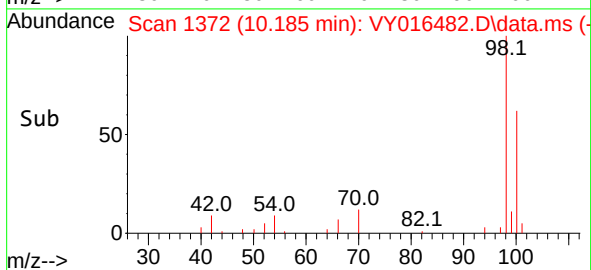
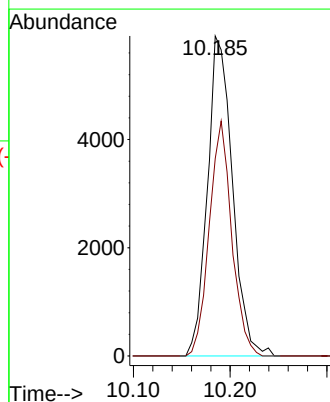
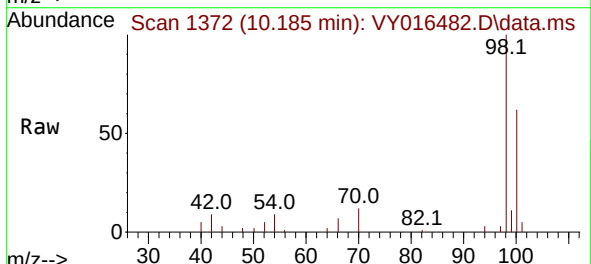
Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-03-112223

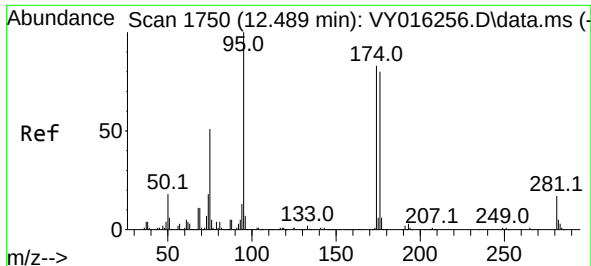
Tgt Ion:113 Resp: 2243
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.3 121.9
 192 20.4 16.9 25.3



#50
 Toluene-d8
 Concen: 48.283 ug/l
 RT: 10.185 min Scan# 1372
 Delta R.T. -0.007 min
 Lab File: VY016482.D
 Acq: 24 Nov 2023 14:18

Tgt Ion: 98 Resp: 10642
 Ion Ratio Lower Upper
 98 100
 100 65.8 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 38.862 ug/l

RT: 12.495 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016482.D

Acq: 24 Nov 2023 14:18

Instrument :

MSVOA_Y

ClientSampleId :

EO-03-112223

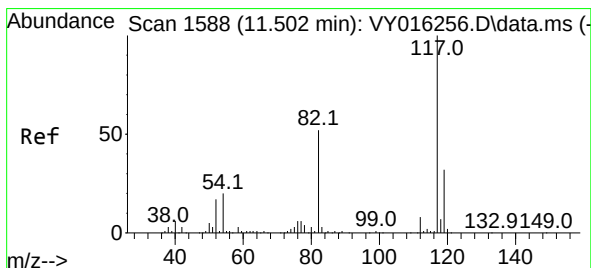
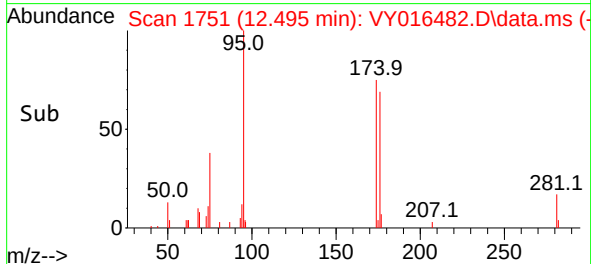
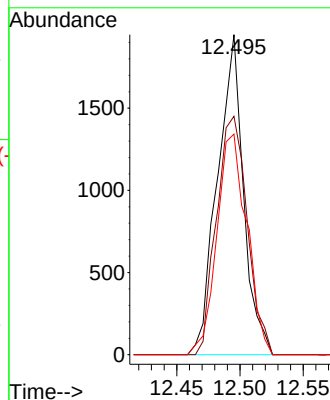
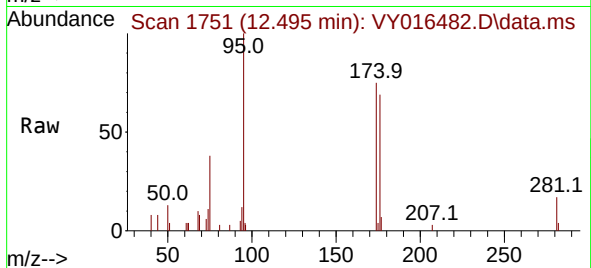
Tgt Ion: 95 Resp: 2782

Ion Ratio Lower Upper

95 100

174 88.2 0.0 178.2

176 79.8 0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.501 min Scan# 1588

Delta R.T. -0.000 min

Lab File: VY016482.D

Acq: 24 Nov 2023 14:18

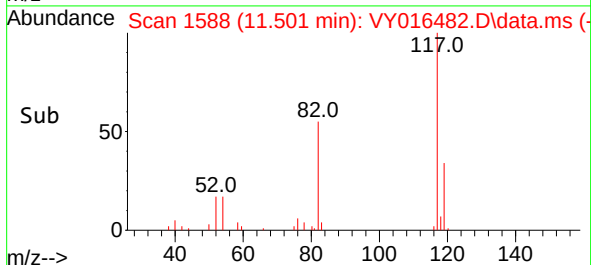
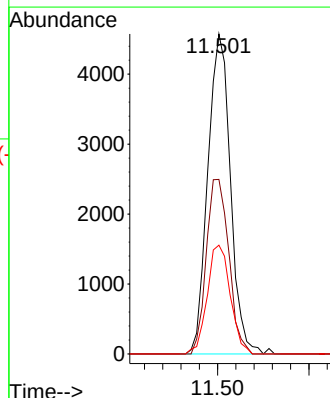
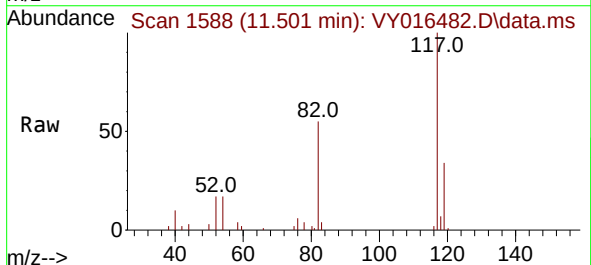
Tgt Ion: 117 Resp: 7866

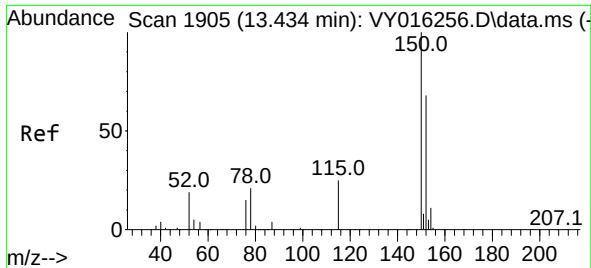
Ion Ratio Lower Upper

117 100

82 54.6 43.4 65.0

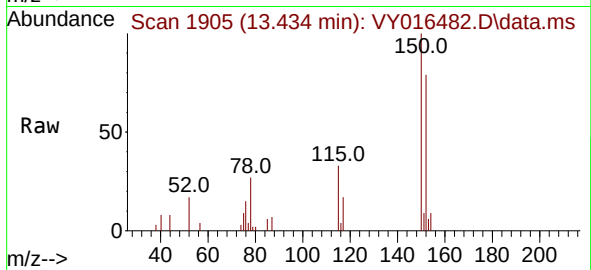
119 34.0 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. -0.000 min
 Lab File: VY016482.D
 Acq: 24 Nov 2023 14:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-03-112223



Tgt Ion:	152	Resp:	2676
Ion Ratio	Lower	Upper	
152	100		
115	48.5	28.8	86.5
150	144.1	0.0	348.8

