

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111423\
 Data File : VY016351.D
 Acq On : 14 Nov 2023 16:05
 Operator : SY/MD
 Sample : 05384-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-11102023RE

Quant Time: Nov 15 05:29:17 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)

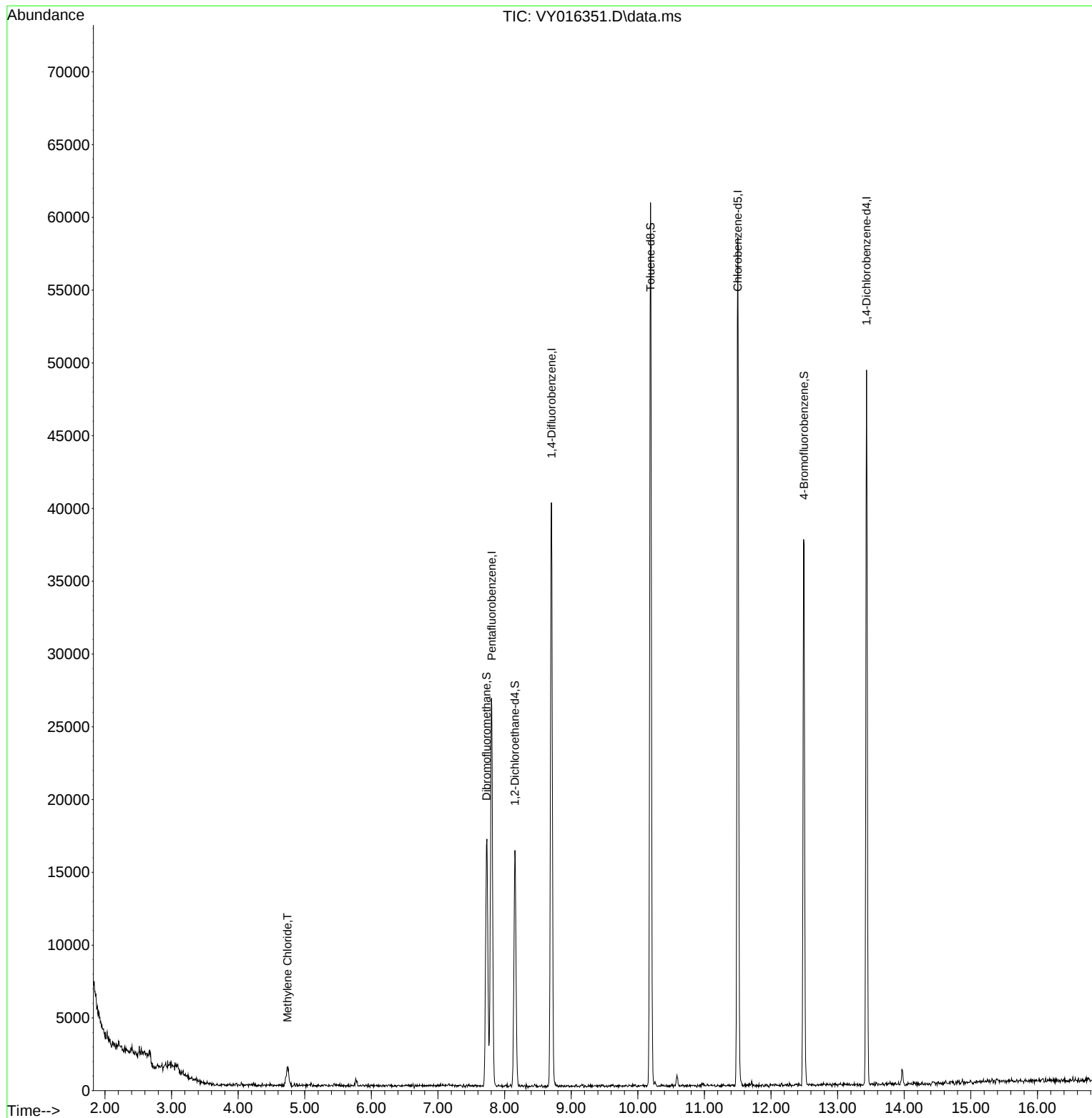
Internal Standards						
1) Pentafluorobenzene	7.807	168	21218	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	36319	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	33406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	13121	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	12853	66.278	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.560%
35) Dibromofluoromethane	7.728	113	12638	61.256	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	122.520%
50) Toluene-d8	10.191	98	42392	50.669	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.340%
62) 4-Bromofluorobenzene	12.495	95	12096	44.515	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.020%
Target Compounds						Qvalue
20) Methylene Chloride	4.741	84	1080	1.381	ug/l #	80

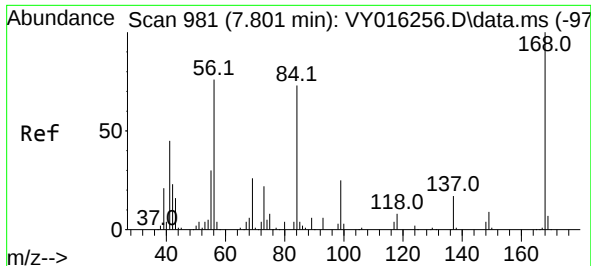
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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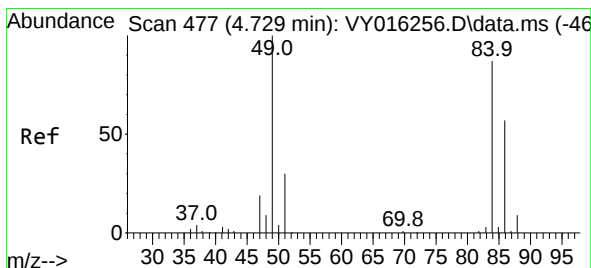
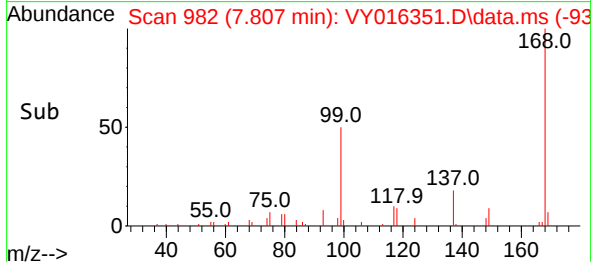
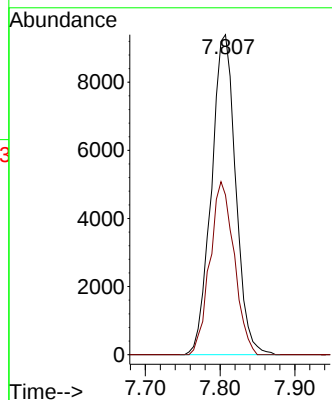
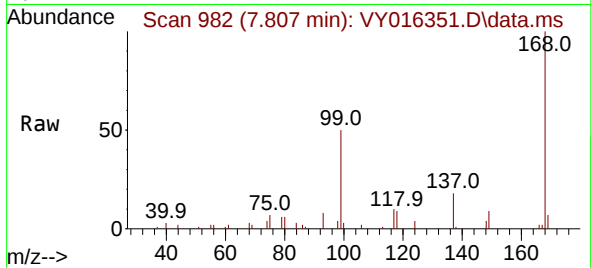




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016351.D
Acq: 14 Nov 2023 16:05

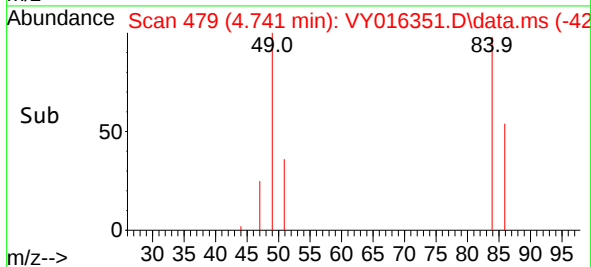
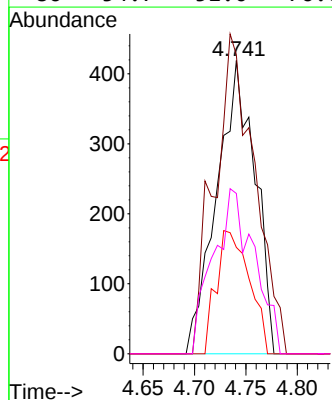
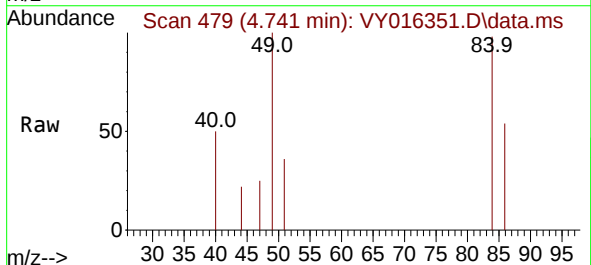
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-11102023RE

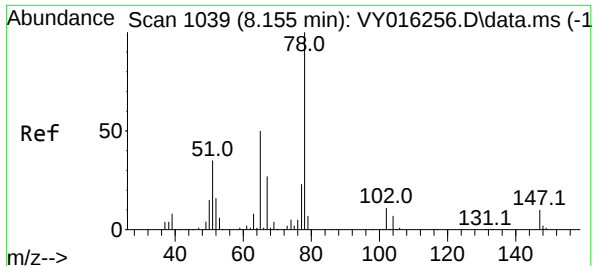
Tgt Ion:168 Resp: 21218
Ion Ratio Lower Upper
168 100
99 49.9 43.4 65.0



#20
Methylene Chloride
Concen: 1.381 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.012 min
Lab File: VY016351.D
Acq: 14 Nov 2023 16:05

Tgt Ion: 84 Resp: 1080
Ion Ratio Lower Upper
84 100
49 101.9 106.9 160.3#
51 36.3 33.2 49.8
86 54.7 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 66.278 ug/l

RT: 8.155 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY016351.D

Acq: 14 Nov 2023 16:05

Instrument :

MSVOA_Y

ClientSampleId :

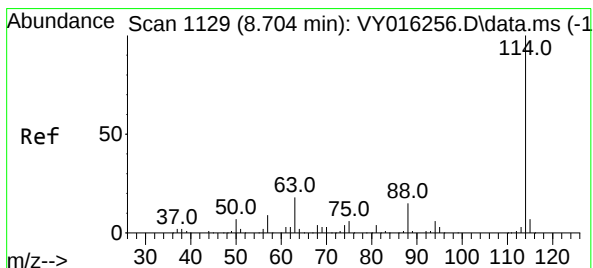
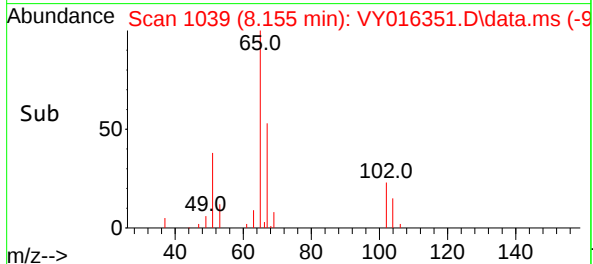
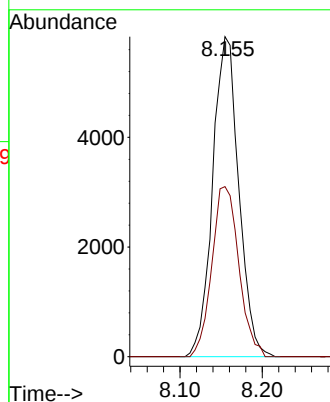
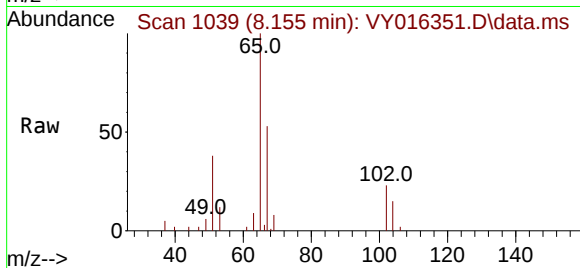
EO-01-11102023RE

Tgt Ion: 65 Resp: 12853

Ion Ratio Lower Upper

65 100

67 55.0 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: VY016351.D

Acq: 14 Nov 2023 16:05

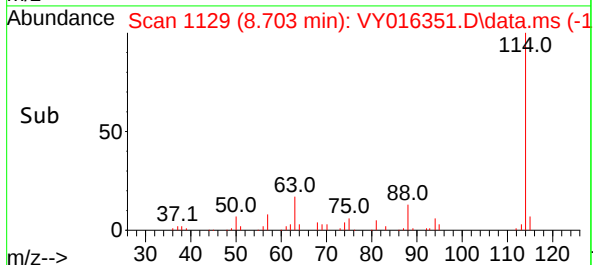
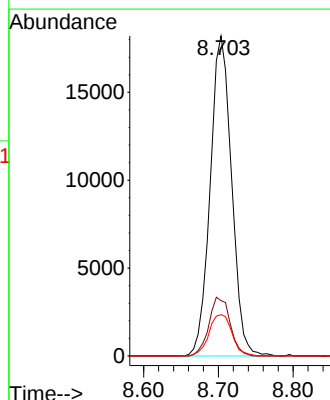
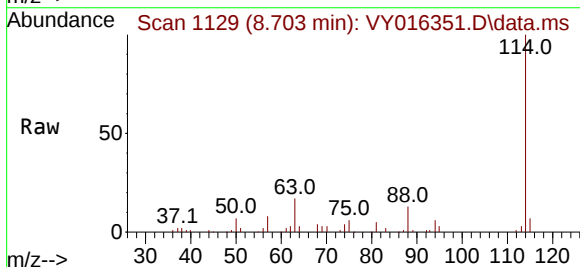
Tgt Ion: 114 Resp: 36319

Ion Ratio Lower Upper

114 100

63 17.3 0.0 42.4

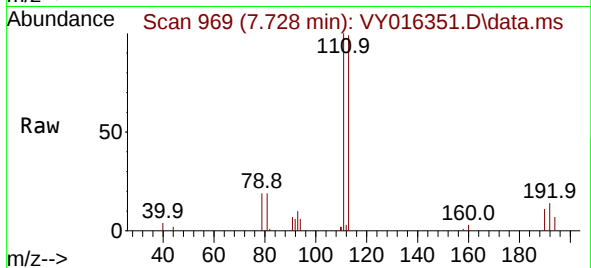
88 12.9 0.0 30.6



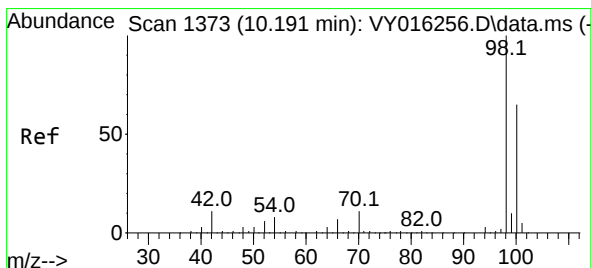
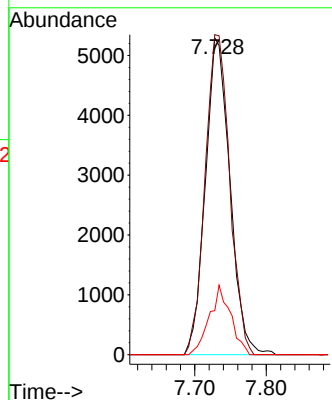
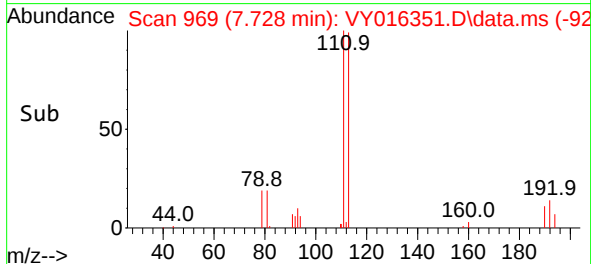


#35
Dibromofluoromethane
Concen: 61.256 ug/l
RT: 7.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016351.D
Acq: 14 Nov 2023 16:05

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-11102023RE

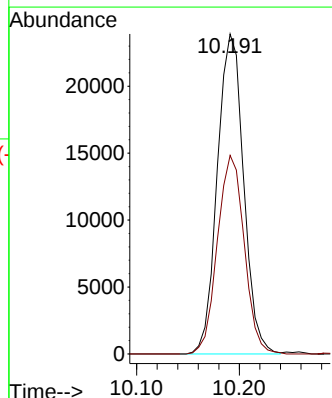
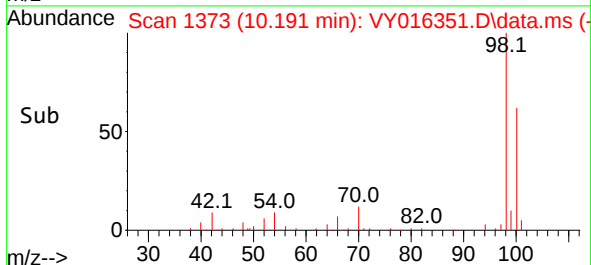
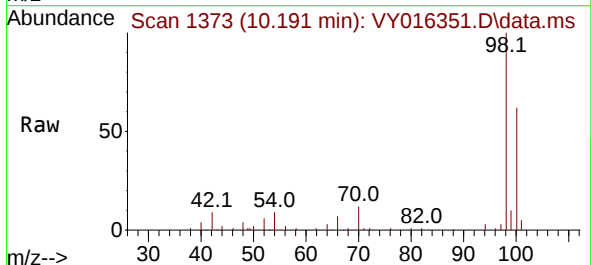


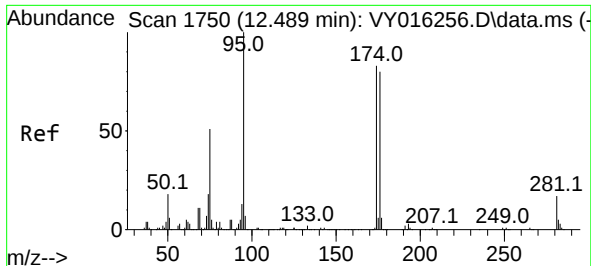
Tgt Ion:113 Resp: 12638
Ion Ratio Lower Upper
113 100
111 100.9 81.3 121.9
192 18.9 16.9 25.3



#50
Toluene-d8
Concen: 50.669 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016351.D
Acq: 14 Nov 2023 16:05

Tgt Ion: 98 Resp: 42392
Ion Ratio Lower Upper
98 100
100 63.3 50.1 75.1

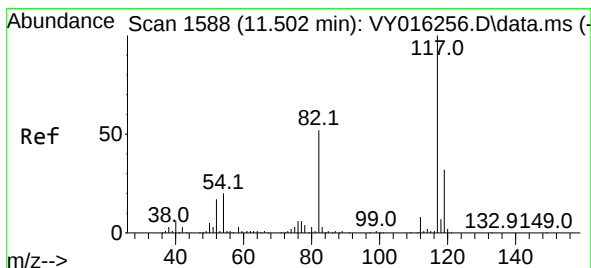
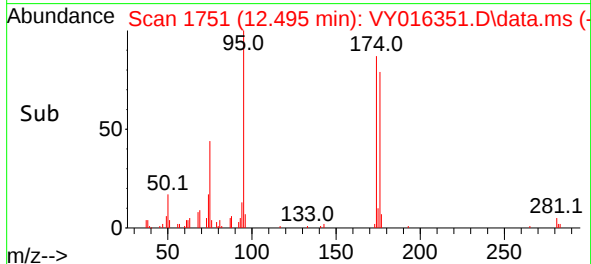
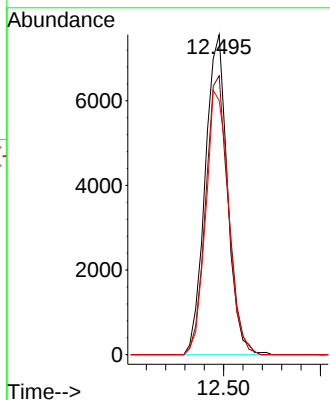
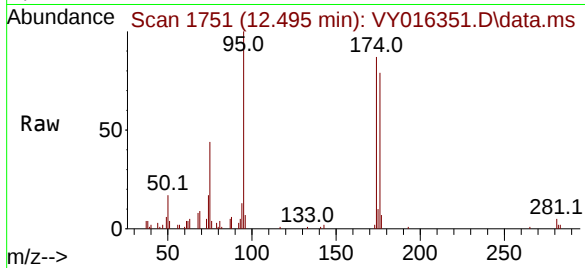




#62
4-Bromofluorobenzene
Concen: 44.515 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016351.D
Acq: 14 Nov 2023 16:05

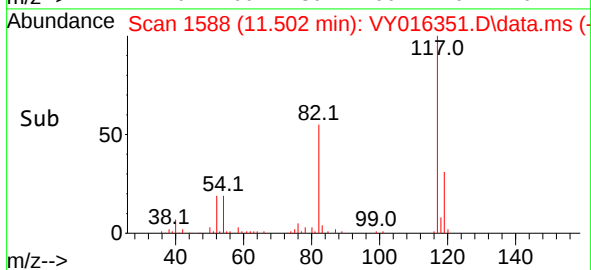
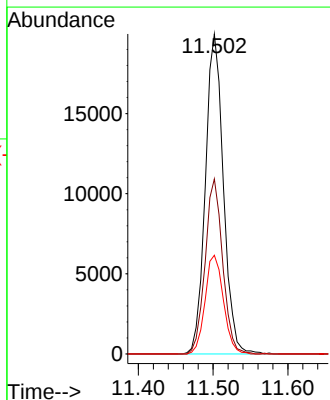
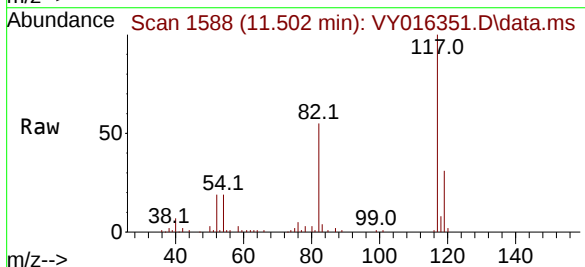
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-11102023RE

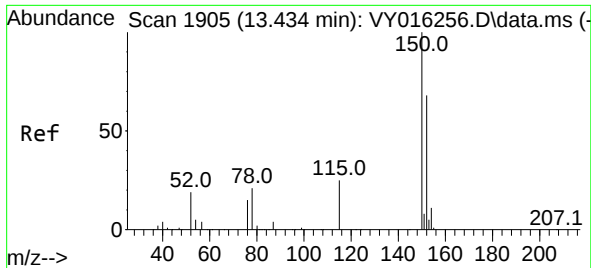
Tgt Ion:	95	Resp:	12096
Ion Ratio	Lower	Upper	
95	100		
174	88.6	0.0	178.2
176	85.0	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016351.D
Acq: 14 Nov 2023 16:05

Tgt Ion:	117	Resp:	33406
Ion Ratio	Lower	Upper	
117	100		
82	54.7	43.4	65.0
119	30.8	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: VY016351.D

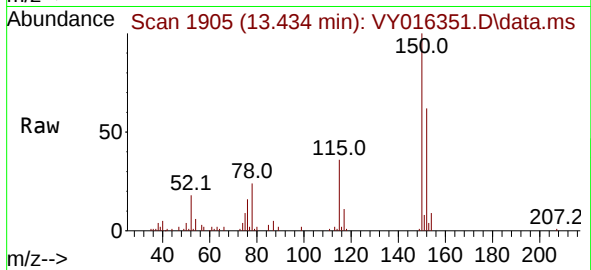
Acq: 14 Nov 2023 16:05

Instrument :

MSVOA_Y

ClientSampleId :

EO-01-11102023RE



Tgt Ion:152 Resp: 13121

Ion Ratio Lower Upper

152 100

115 56.7 28.8 86.5

150 154.4 0.0 348.8

