

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010523\
 Data File : VY012078.D
 Acq On : 05 Jan 2023 16:27
 Operator : KP/MD
 Sample : 01008-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-1-010323RE

Quant Time: Jan 05 23:19:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

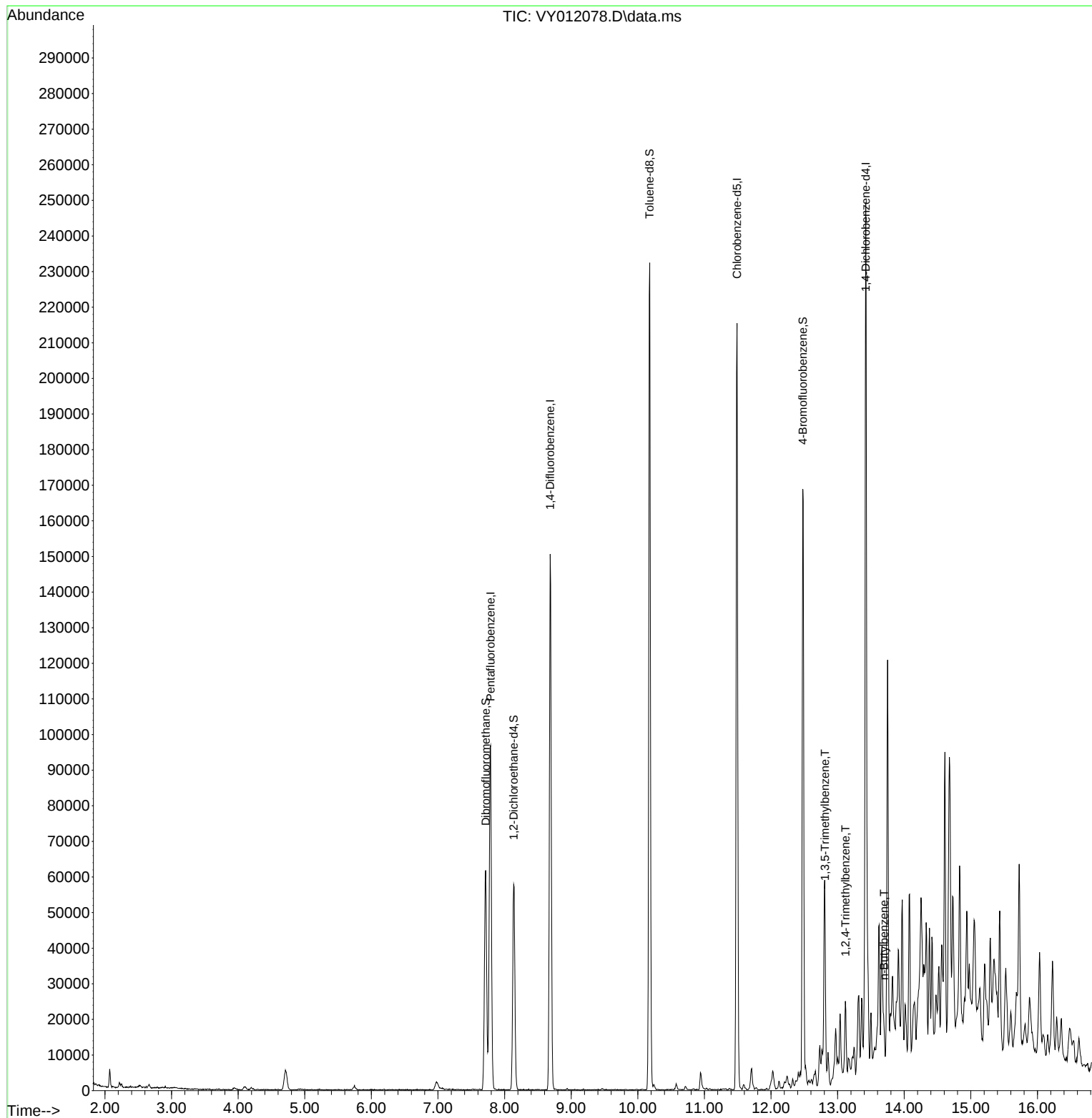
Internal Standards						
1) Pentafluorobenzene	7.789	168	77279	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	130548	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	123168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	60382	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	48100	61.780	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.560%
35) Dibromofluoromethane	7.716	113	41672	53.022	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.040%
50) Toluene-d8	10.179	98	157054	49.253	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.500%
62) 4-Bromofluorobenzene	12.477	95	50537	47.124	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.240%
Target Compounds						Qvalue
80) 1,3,5-Trimethylbenzene	12.812	105	7794	2.032	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	11099	2.941	ug/l	100
89) n-Butylbenzene	13.696	91	5019	1.353	ug/l #	81

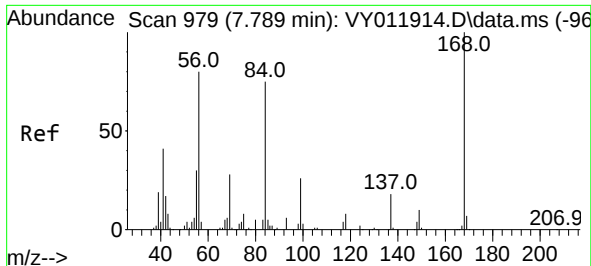
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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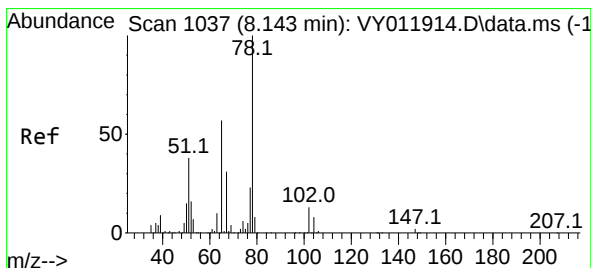
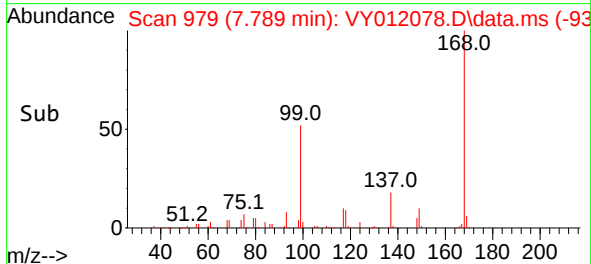
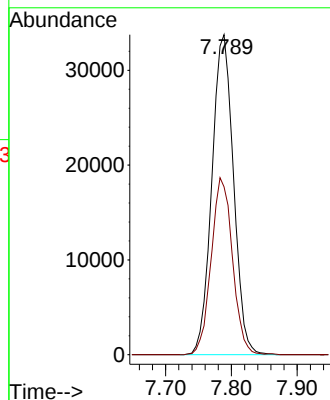
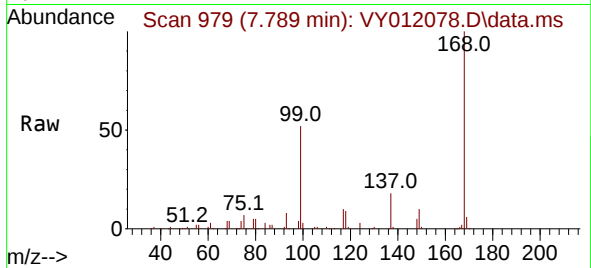




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012078.D
Acq: 05 Jan 2023 16:27

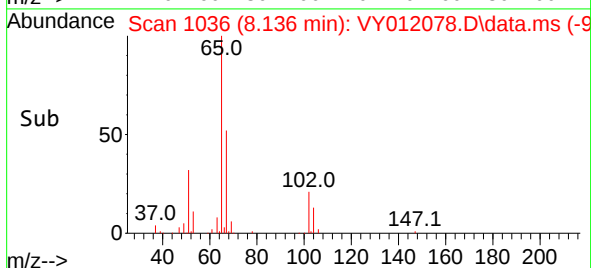
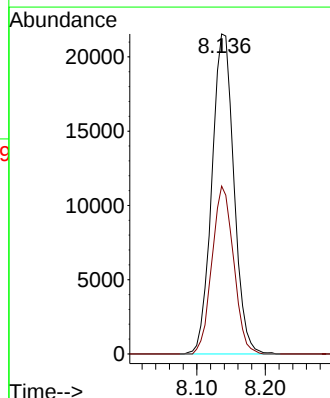
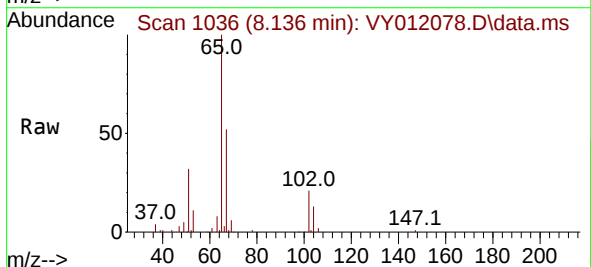
Instrument :
MSVOA_Y
ClientSampleId :
EO-1-010323RE

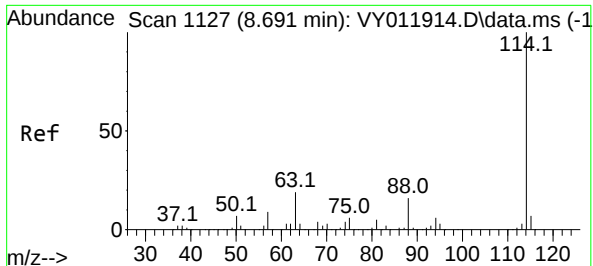
Tgt Ion:168 Resp: 77279
Ion Ratio Lower Upper
168 100
99 52.5 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 61.780 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY012078.D
Acq: 05 Jan 2023 16:27

Tgt Ion: 65 Resp: 48100
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012078.D

Acq: 05 Jan 2023 16:27

Instrument :

MSVOA_Y

ClientSampleId :

EO-1-010323RE

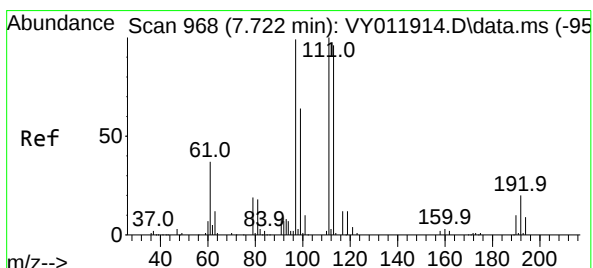
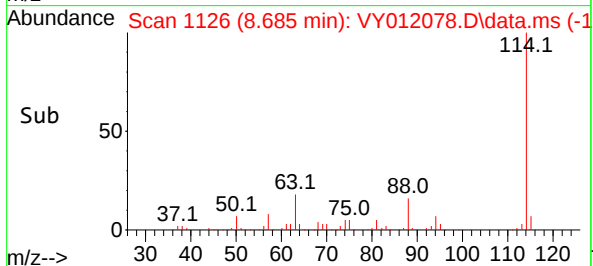
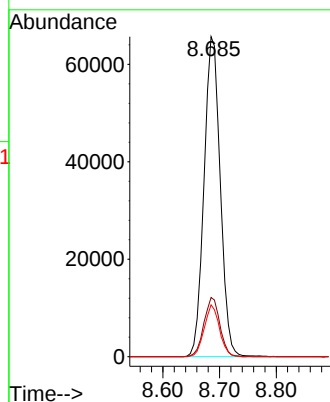
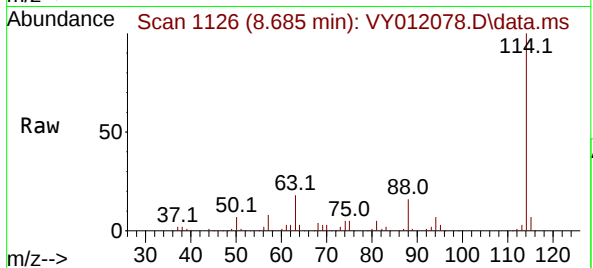
Tgt Ion:114 Resp: 130548

Ion Ratio Lower Upper

114 100

63 18.5 0.0 39.6

88 16.2 0.0 32.2



#35

Dibromofluoromethane

Concen: 53.022 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012078.D

Acq: 05 Jan 2023 16:27

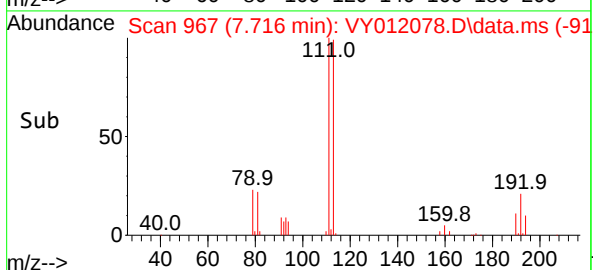
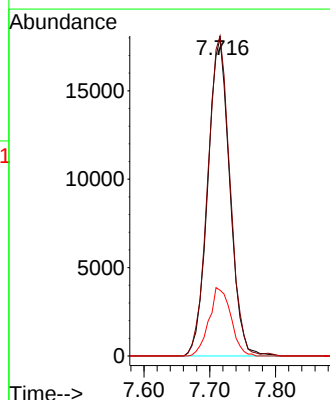
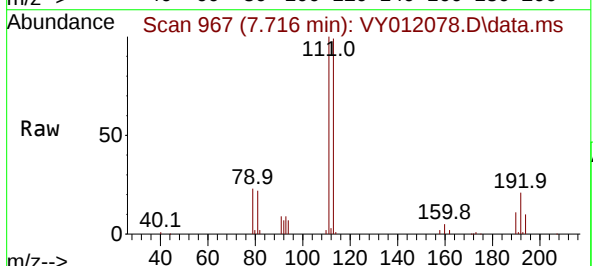
Tgt Ion:113 Resp: 41672

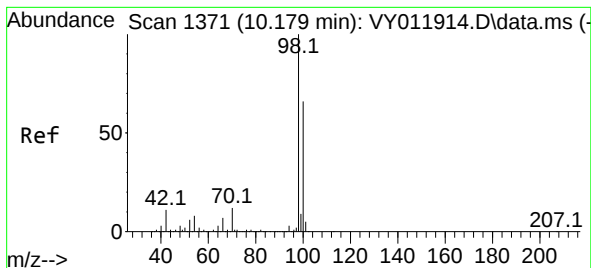
Ion Ratio Lower Upper

113 100

111 102.0 83.0 124.4

192 21.4 16.0 24.0

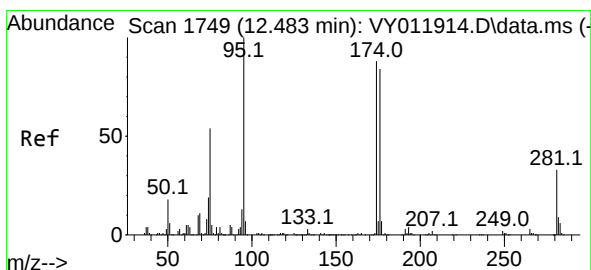
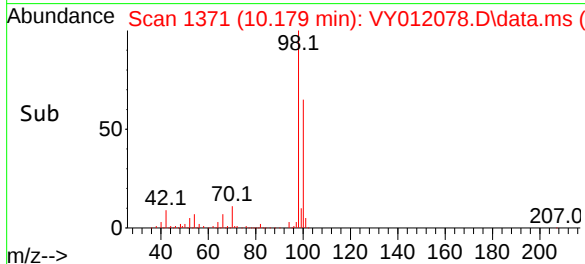
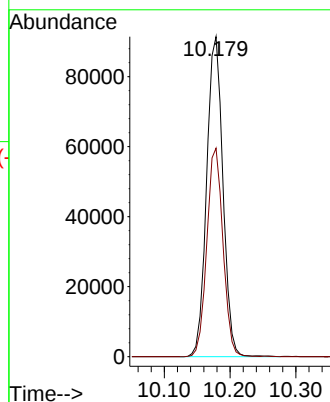
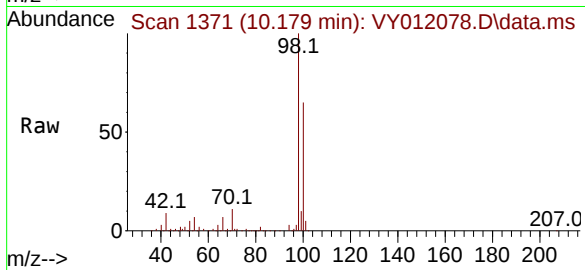




#50
Toluene-d8
Concen: 49.253 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012078.D
Acq: 05 Jan 2023 16:27

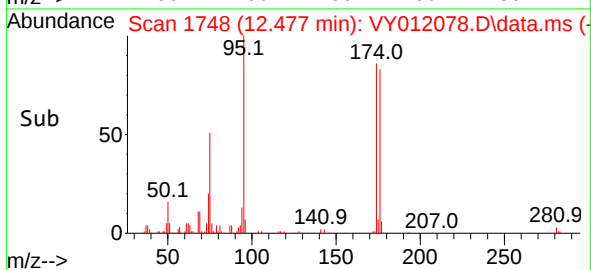
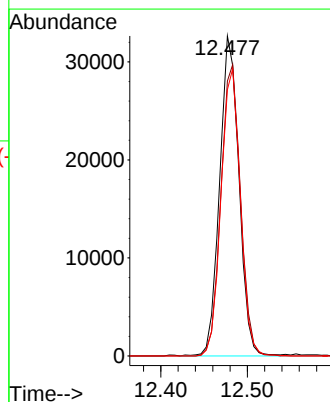
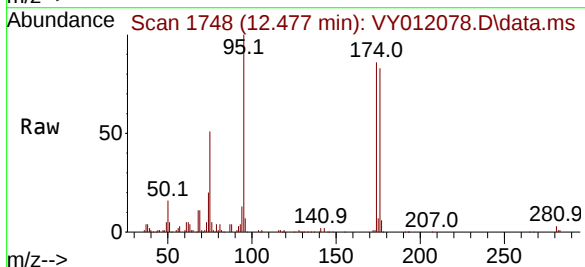
Instrument :
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EO-1-010323RE

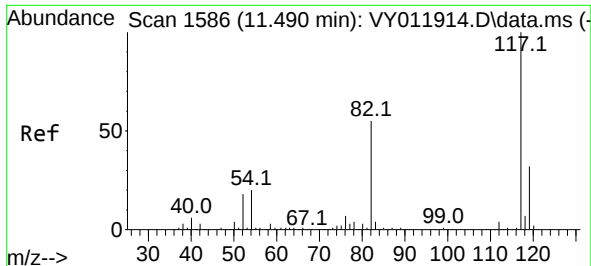
Tgt Ion: 98 Resp: 157054
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 47.124 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012078.D
Acq: 05 Jan 2023 16:27

Tgt Ion: 95 Resp: 50537
Ion Ratio Lower Upper
95 100
174 92.4 0.0 172.0
176 89.8 0.0 167.6

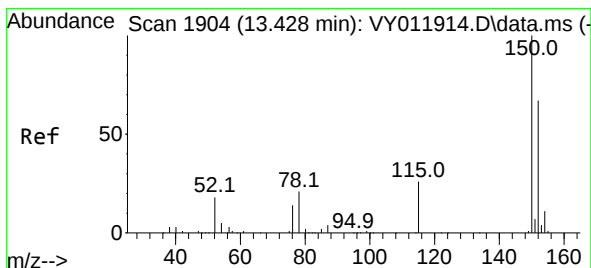
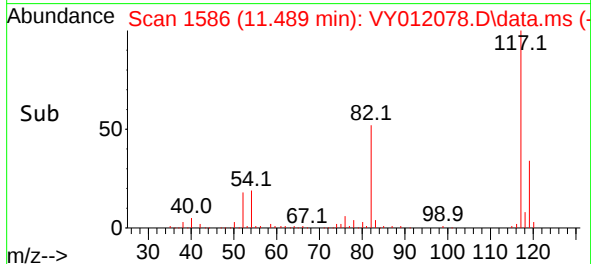
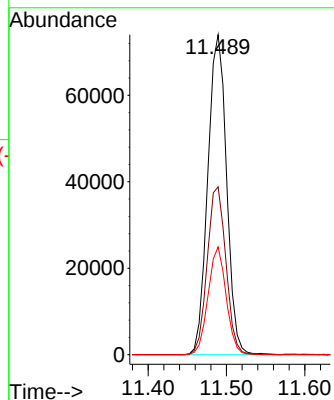
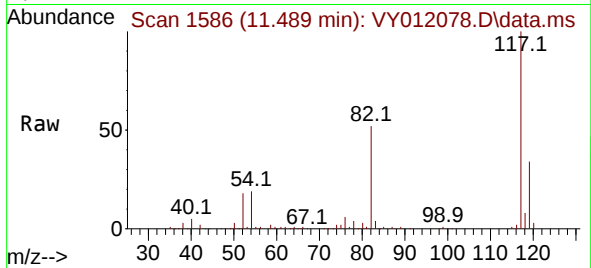




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012078.D
Acq: 05 Jan 2023 16:27

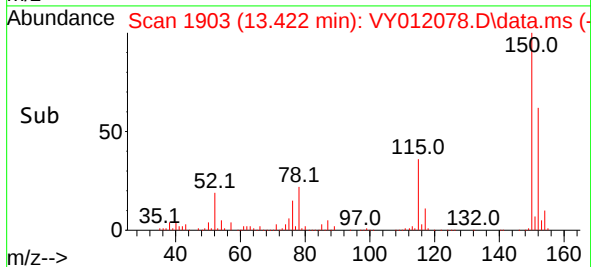
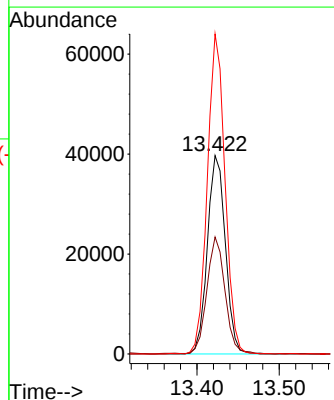
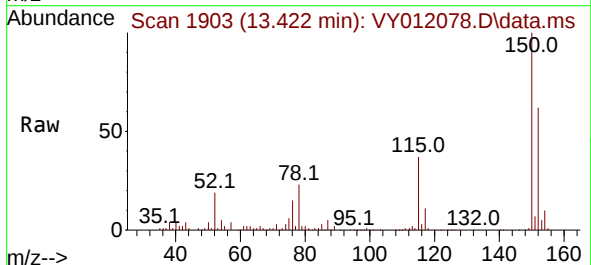
Instrument :
MSVOA_Y
ClientSampleId :
EO-1-010323RE

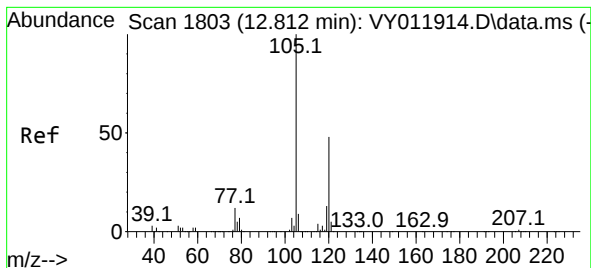
Tgt Ion:117 Resp: 123168
Ion Ratio Lower Upper
117 100
82 52.5 44.8 67.2
119 33.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY012078.D
Acq: 05 Jan 2023 16:27

Tgt Ion:152 Resp: 60382
Ion Ratio Lower Upper
152 100
115 59.5 29.1 87.3
150 158.4 0.0 342.6





#80

1,3,5-Trimethylbenzene

Concen: 2.032 ug/l

RT: 12.812 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012078.D

Acq: 05 Jan 2023 16:27

Instrument :

MSVOA_Y

ClientSampleId :

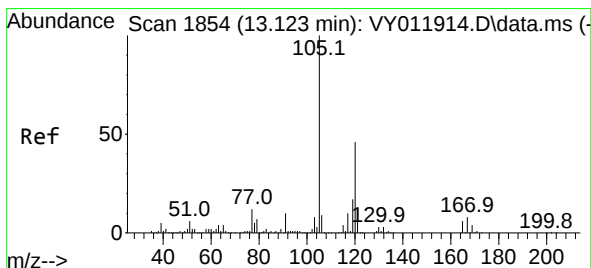
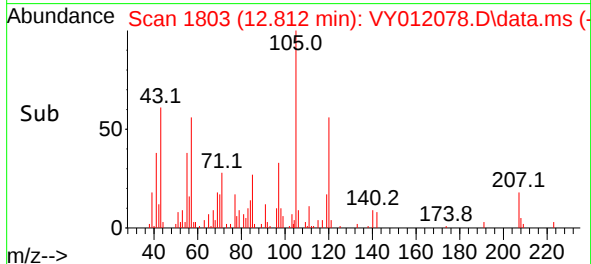
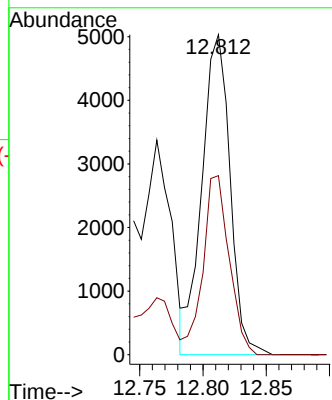
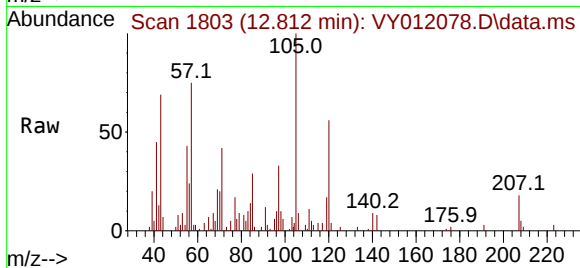
EO-1-010323RE

Tgt Ion:105 Resp: 7794

Ion Ratio Lower Upper

105 100

120 52.2 24.2 72.6



#84

1,2,4-Trimethylbenzene

Concen: 2.941 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY012078.D

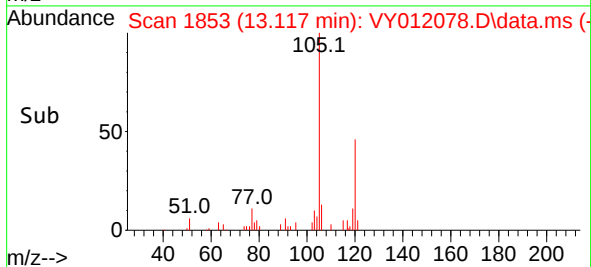
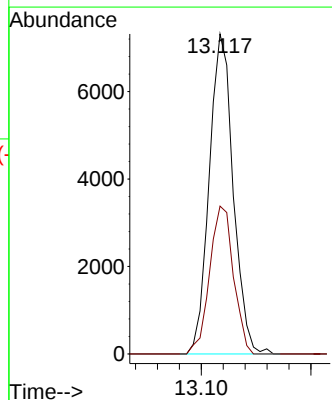
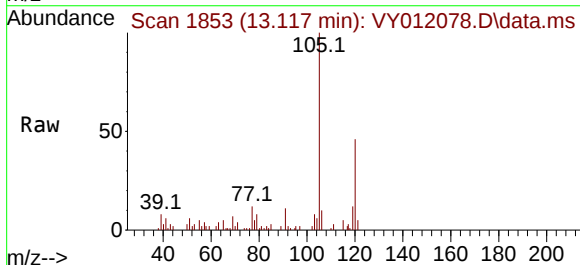
Acq: 05 Jan 2023 16:27

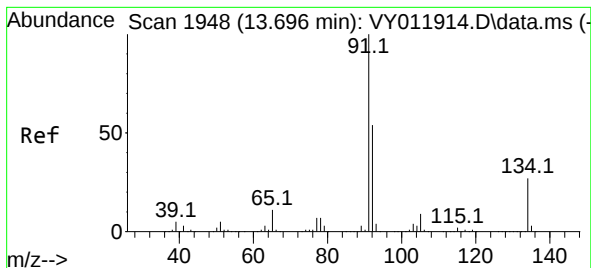
Tgt Ion:105 Resp: 11099

Ion Ratio Lower Upper

105 100

120 46.1 22.9 68.7





#89

n-Butylbenzene

Concen: 1.353 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY012078.D

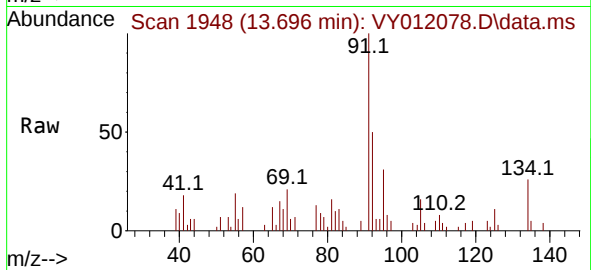
Acq: 05 Jan 2023 16:27

Instrument :

MSVOA_Y

ClientSampleId :

EO-1-010323RE



Tgt Ion:	91	Resp:	5019
Ion	Ratio	Lower	Upper
91	100		
92	56.0	26.8	80.4
134	0.0	13.3	39.8#

