

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122922\
 Data File : VY012033.D
 Acq On : 29 Dec 2022 17:12
 Operator : KP/MD
 Sample : N6225-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-03-122822

Quant Time: Dec 30 04:00:56 2022
 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)

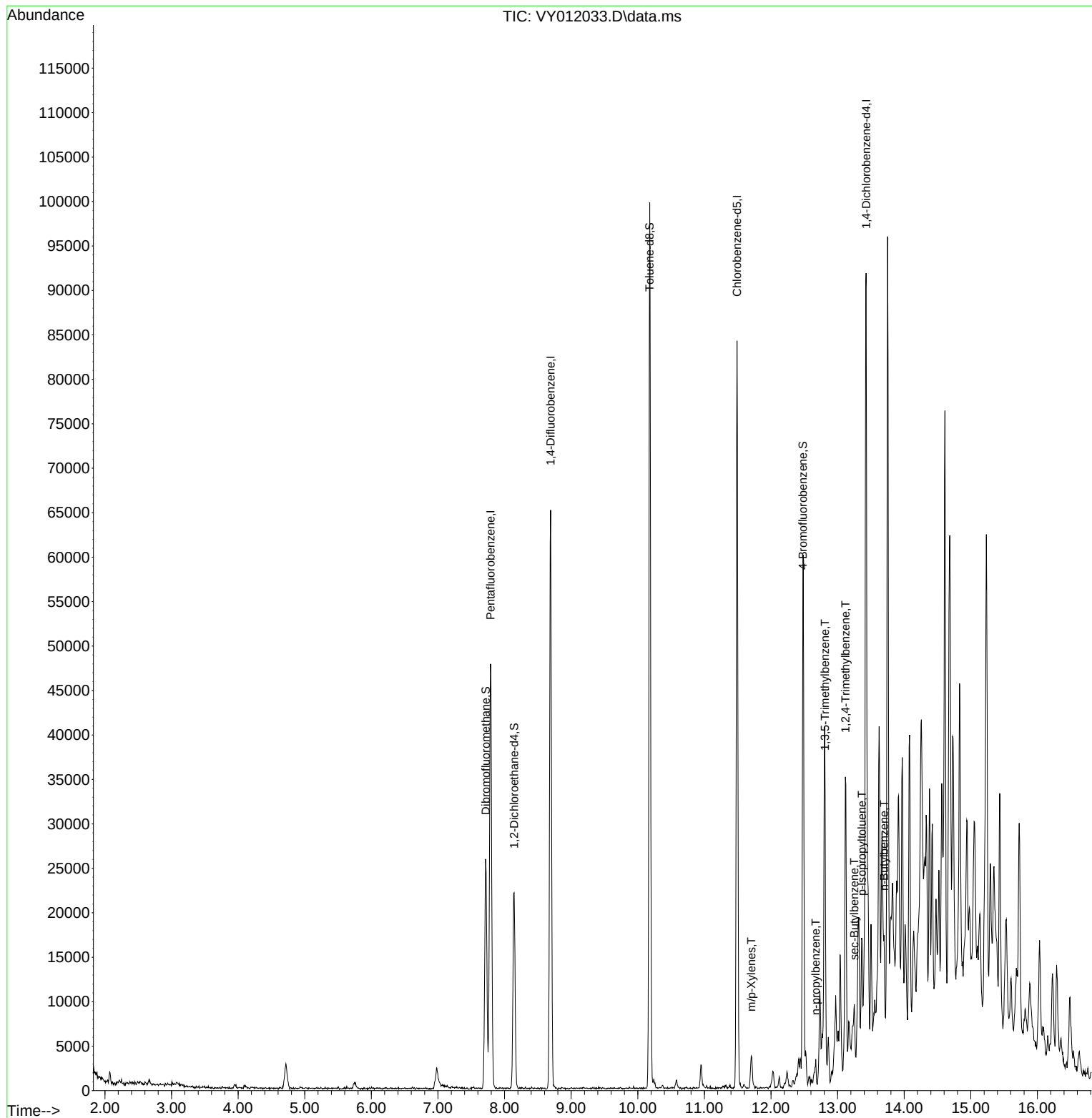
Internal Standards						
1) Pentafluorobenzene	7.789	168	38562	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	57271	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	47088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	20977	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	18430	47.438	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.880%		
35) Dibromofluoromethane	7.716	113	17550	50.901	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.800%		
50) Toluene-d8	10.179	98	66492	47.532	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	95.060%		
62) 4-Bromofluorobenzene	12.477	95	17751	37.730	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	75.460%		
Target Compounds						Qvalue
68) m/p-Xylenes	11.703	106	949	1.381	ug/l	90
78) n-propylbenzene	12.672	91	2037	1.089	ug/l	96
80) 1,3,5-Trimethylbenzene	12.813	105	4134	3.102	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	17939	13.682	ug/l	98
85) sec-Butylbenzene	13.252	105	2293	1.360	ug/l	87
86) p-Isopropyltoluene	13.367	119	1654m	1.162	ug/l	
89) n-Butylbenzene	13.697	91	4835	3.753	ug/l #	80

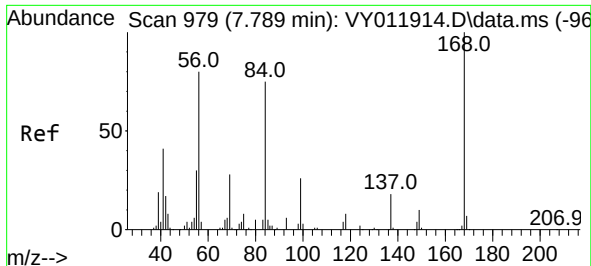
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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EO-03-122822

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Quant Title : SW846 8260
QLast Update : Tue Dec 20 12:37:37 2022
Response via : Initial Calibration

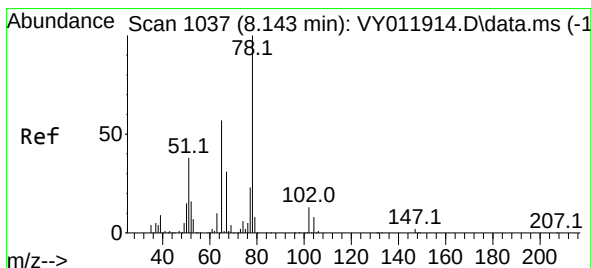
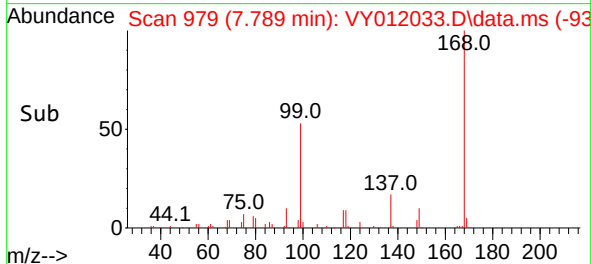
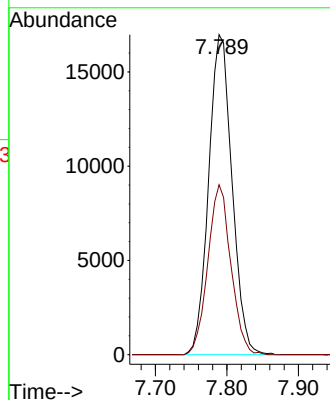
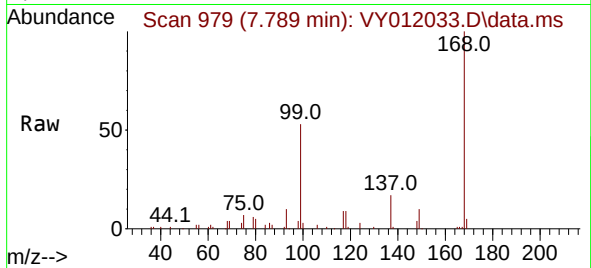




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012033.D
Acq: 29 Dec 2022 17:12

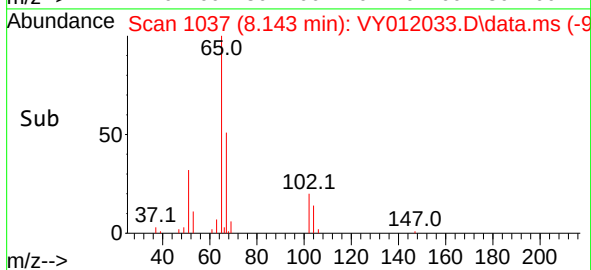
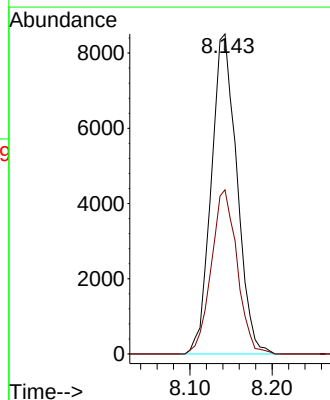
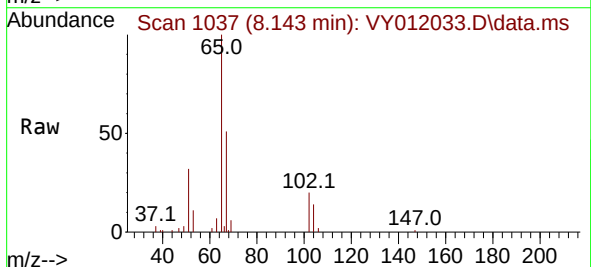
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-122822

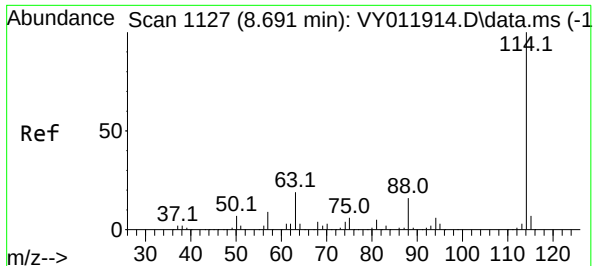
Tgt Ion:168 Resp: 38562
Ion Ratio Lower Upper
168 100
99 53.1 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 47.438 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012033.D
Acq: 29 Dec 2022 17:12

Tgt Ion: 65 Resp: 18430
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012033.D

Acq: 29 Dec 2022 17:12

Instrument :

MSVOA_Y

ClientSampleId :

EO-03-122822

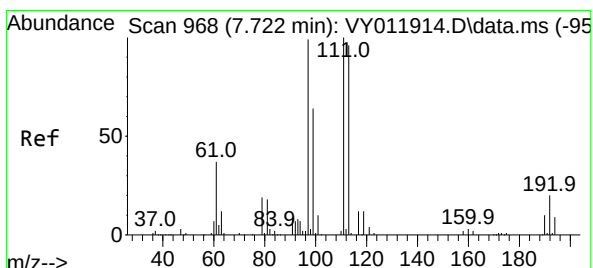
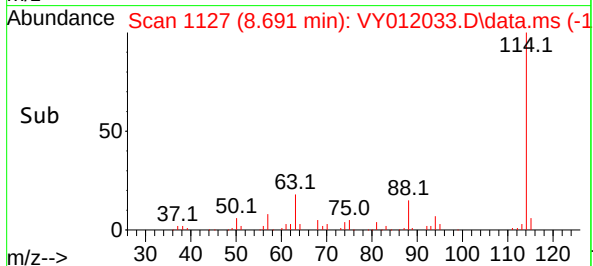
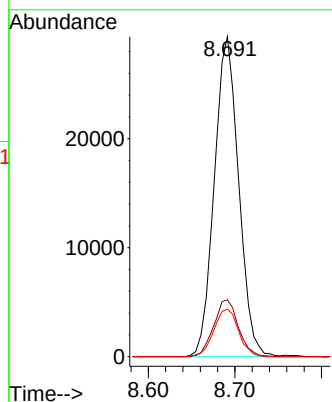
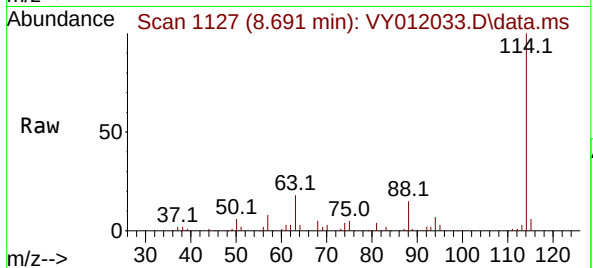
Tgt Ion:114 Resp: 57271

Ion Ratio Lower Upper

114 100

63 17.8 0.0 39.6

88 14.8 0.0 32.2



#35

Dibromofluoromethane

Concen: 50.901 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012033.D

Acq: 29 Dec 2022 17:12

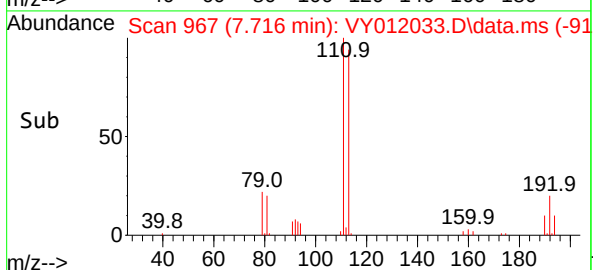
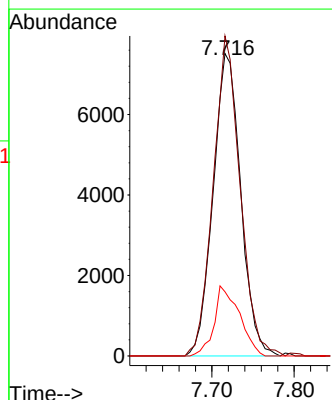
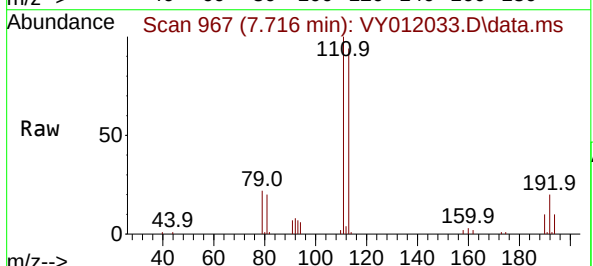
Tgt Ion:113 Resp: 17550

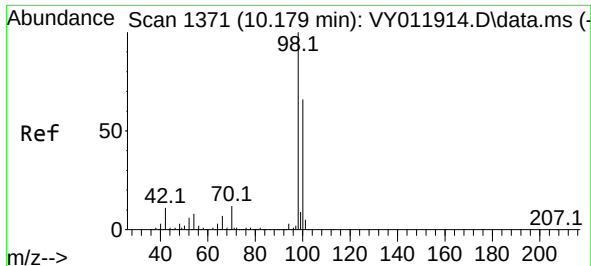
Ion Ratio Lower Upper

113 100

111 102.8 83.0 124.4

192 21.2 16.0 24.0

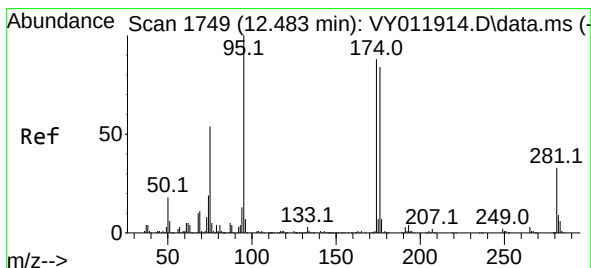
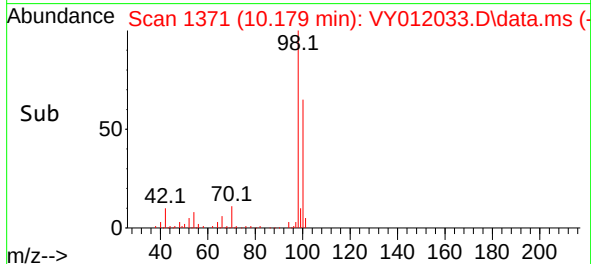
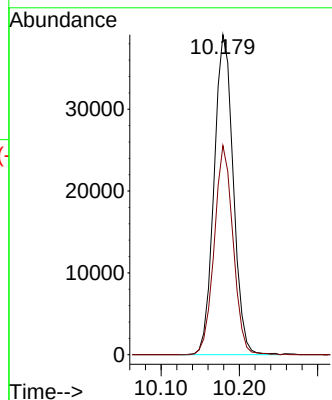
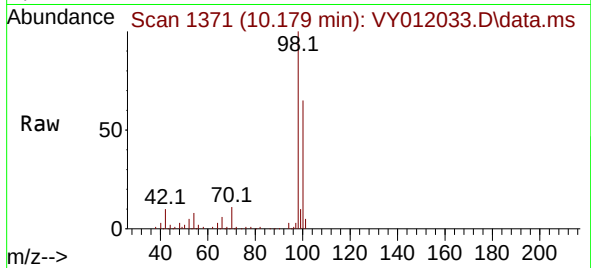




#50
Toluene-d8
Concen: 47.532 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012033.D
Acq: 29 Dec 2022 17:12

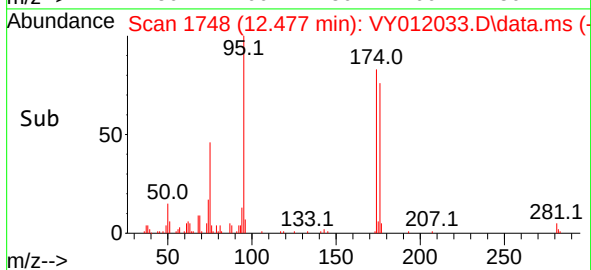
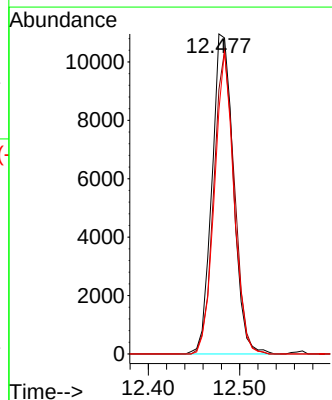
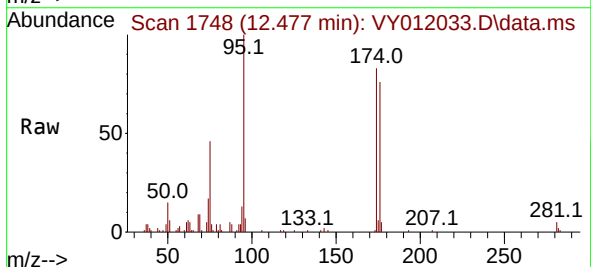
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-122822

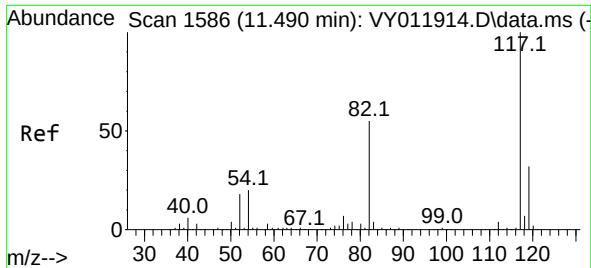
Tgt Ion: 98 Resp: 66492
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 37.730 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012033.D
Acq: 29 Dec 2022 17:12

Tgt Ion: 95 Resp: 17751
Ion Ratio Lower Upper
95 100
174 91.3 0.0 172.0
176 85.8 0.0 167.6

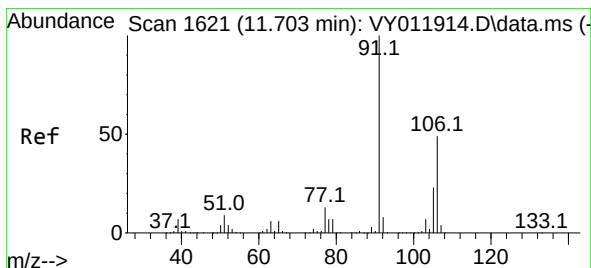
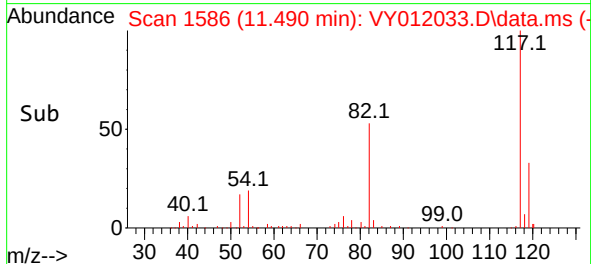
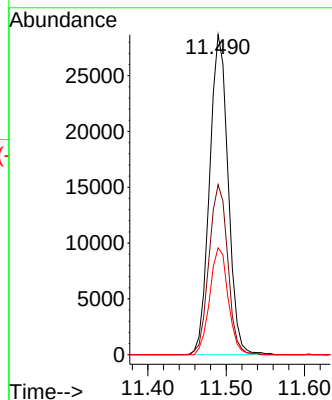
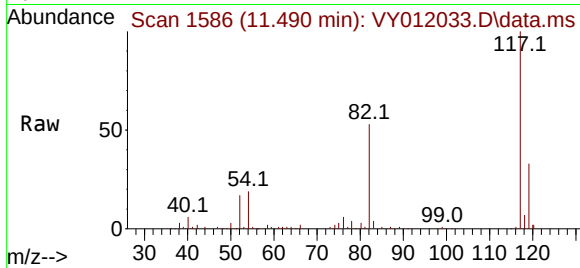




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY012033.D
Acq: 29 Dec 2022 17:12

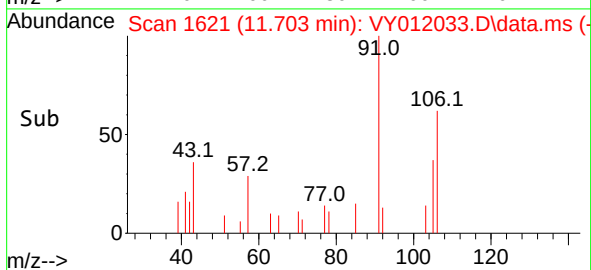
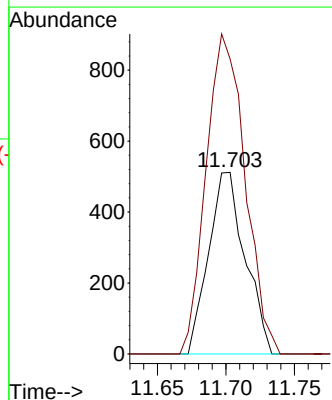
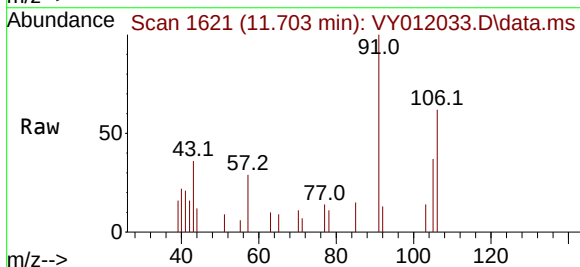
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-122822

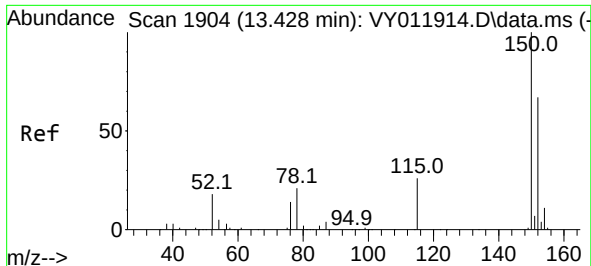
Tgt Ion:117	Resp:	47088
Ion Ratio	Lower	Upper
117	100	
82	53.2	44.8 67.2
119	33.4	25.4 38.2



#68
m/p-Xylenes
Concen: 1.381 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY012033.D
Acq: 29 Dec 2022 17:12

Tgt Ion:106	Resp:	949
Ion Ratio	Lower	Upper
106	100	
91	188.1	162.5 243.7

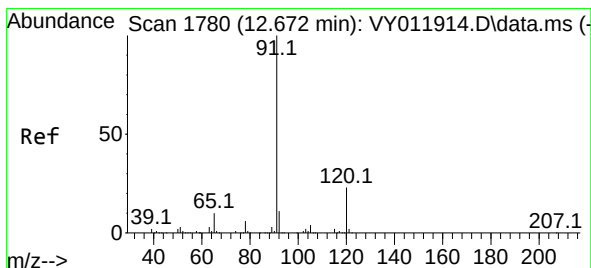
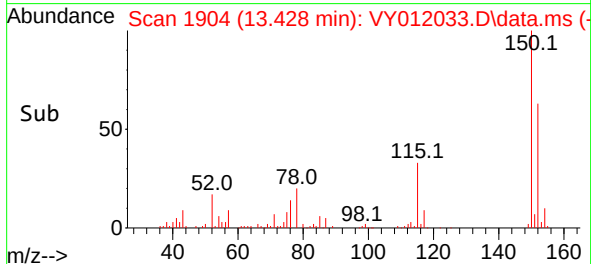
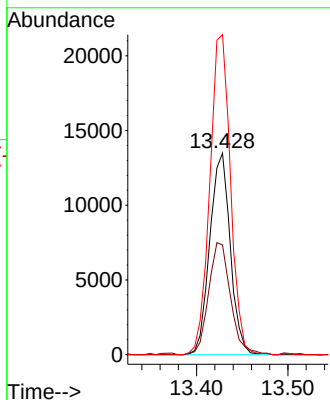
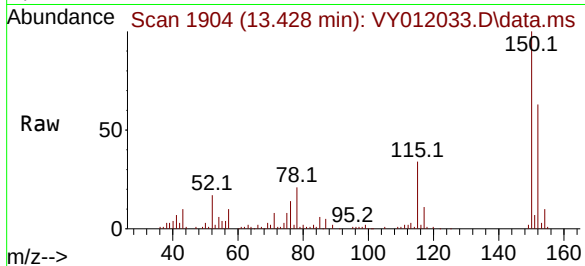




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY012033.D
 Acq: 29 Dec 2022 17:12

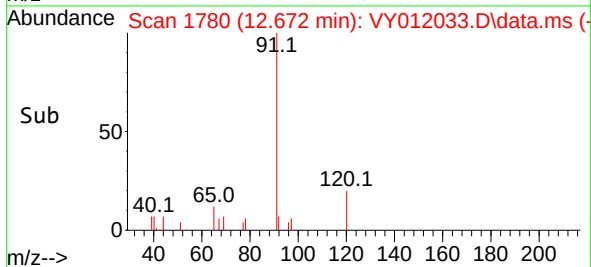
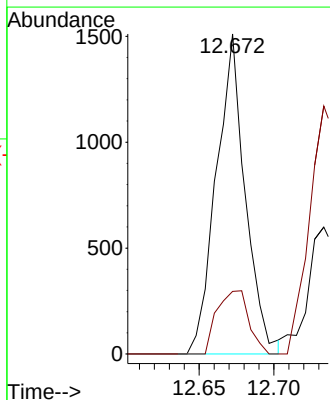
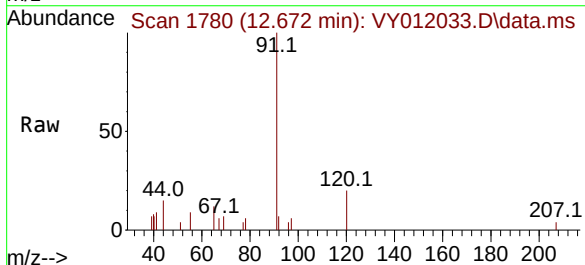
Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-03-122822

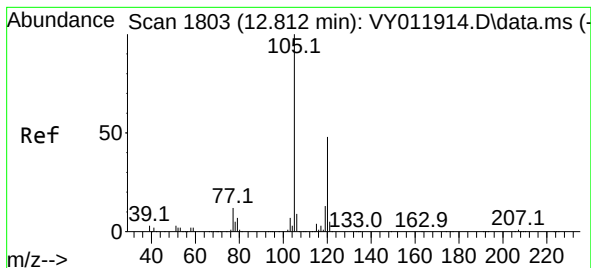
Tgt Ion:152 Resp: 20977
 Ion Ratio Lower Upper
 152 100
 115 59.5 29.1 87.3
 150 160.2 0.0 342.6



#78
 n-propylbenzene
 Concen: 1.089 ug/l
 RT: 12.672 min Scan# 1780
 Delta R.T. 0.000 min
 Lab File: VY012033.D
 Acq: 29 Dec 2022 17:12

Tgt Ion: 91 Resp: 2037
 Ion Ratio Lower Upper
 91 100
 120 21.6 11.8 35.4





#80

1,3,5-Trimethylbenzene

Concen: 3.102 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY012033.D

Acq: 29 Dec 2022 17:12

Instrument :

MSVOA_Y

ClientSampleId :

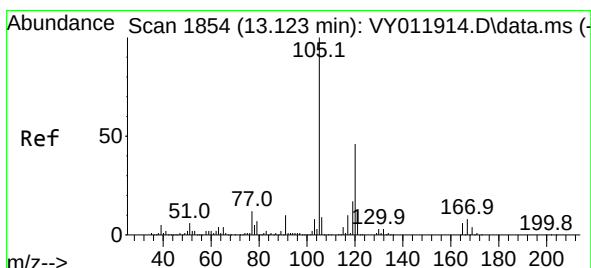
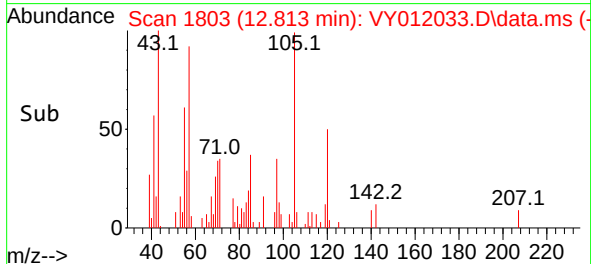
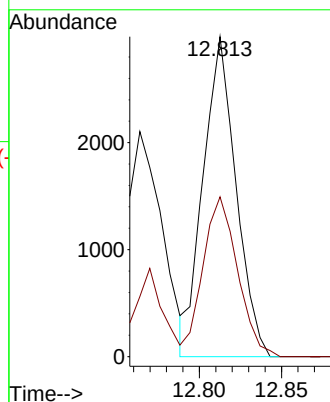
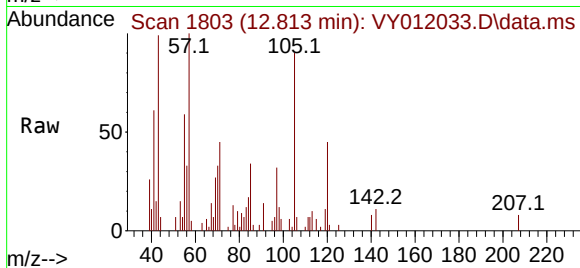
EO-03-122822

Tgt Ion:105 Resp: 4134

Ion Ratio Lower Upper

105 100

120 52.8 24.2 72.6



#84

1,2,4-Trimethylbenzene

Concen: 13.682 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY012033.D

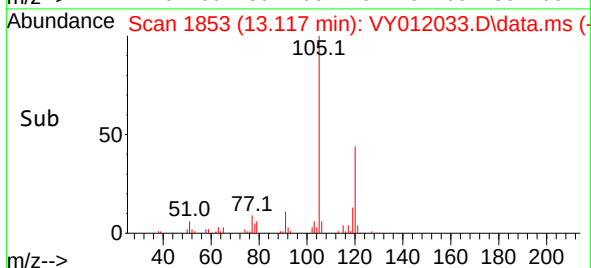
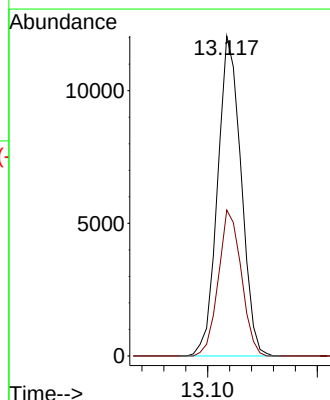
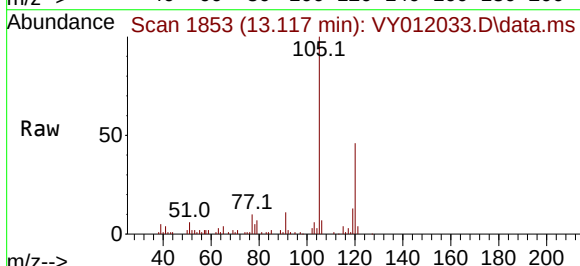
Acq: 29 Dec 2022 17:12

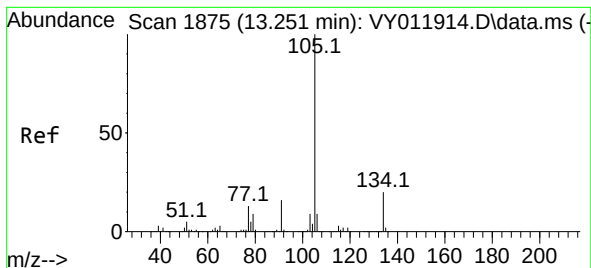
Tgt Ion:105 Resp: 17939

Ion Ratio Lower Upper

105 100

120 44.5 22.9 68.7





#85

sec-Butylbenzene

Concen: 1.360 ug/l

RT: 13.252 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY012033.D

Acq: 29 Dec 2022 17:12

Instrument :

MSVOA_Y

ClientSampleId :

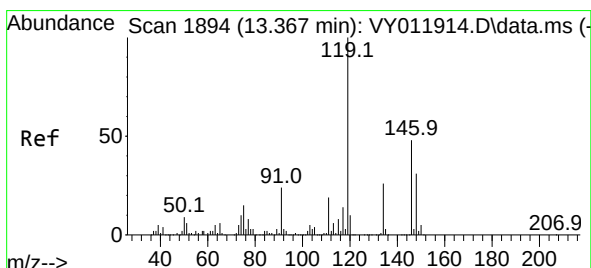
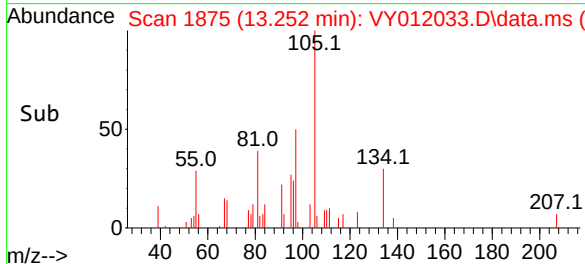
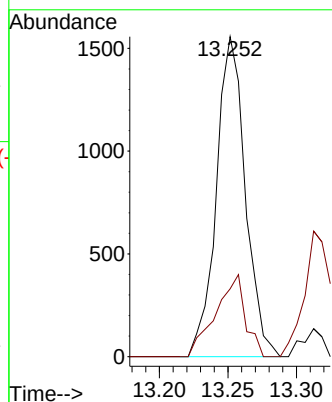
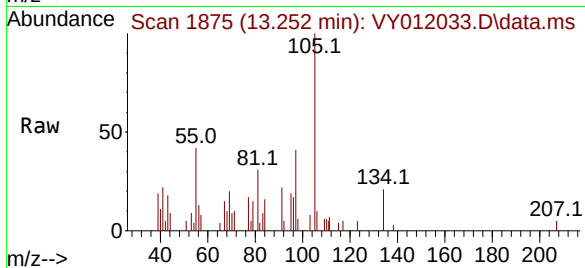
EO-03-122822

Tgt Ion:105 Resp: 2293

Ion Ratio Lower Upper

105 100

134 26.2 10.1 30.3



#86

p-Isopropyltoluene

Concen: 1.162 ug/l m

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012033.D

Acq: 29 Dec 2022 17:12

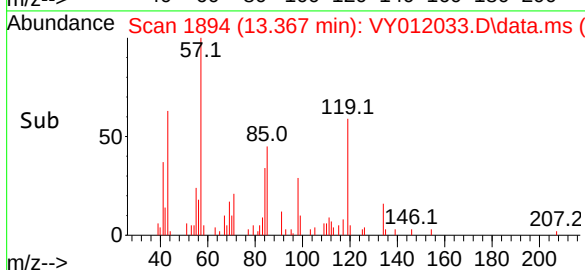
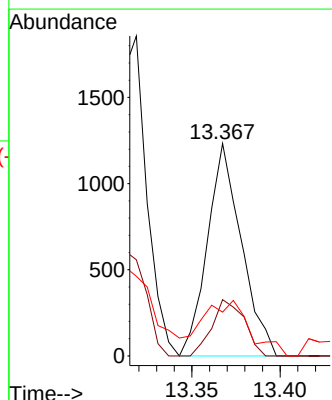
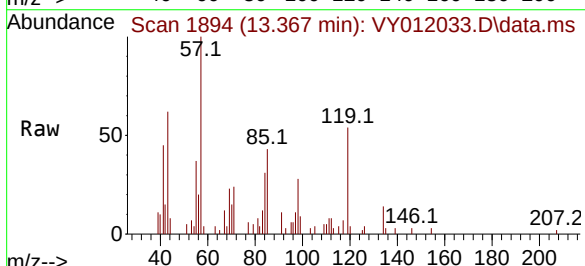
Tgt Ion:119 Resp: 1654

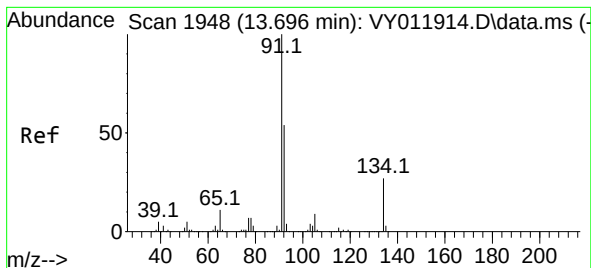
Ion Ratio Lower Upper

119 100

134 46.8 13.0 39.0#

91 48.7 11.9 35.9#





#89

n-Butylbenzene

Concen: 3.753 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY012033.D

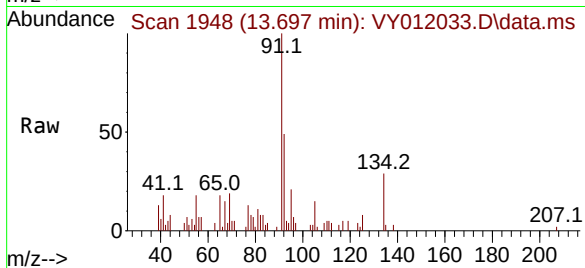
Acq: 29 Dec 2022 17:12

Instrument :

MSVOA_Y

ClientSampleId :

EO-03-122822



Tgt Ion:	91	Resp:	4835
Ion	Ratio	Lower	Upper
91	100		
92	56.4	26.8	80.4
134	0.0	13.3	39.8#

