

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040622\
 Data File : VY008234.D
 Acq On : 06 Apr 2022 14:57
 Operator : SY/MD
 Sample : N2275-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-03-040522

Quant Time: Apr 07 02:12:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

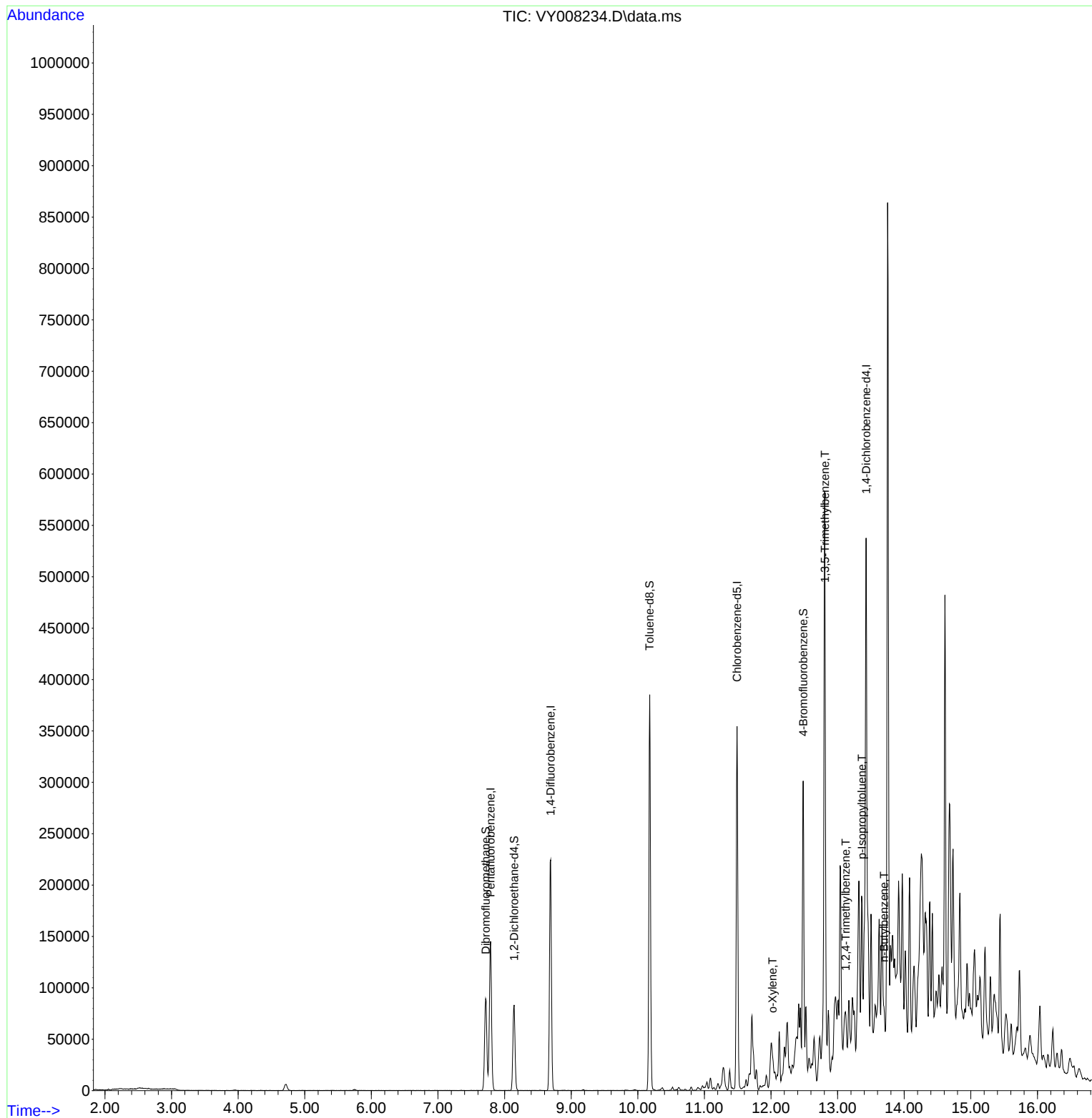
Internal Standards						
1) Pentafluorobenzene	7.789	168	111714	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	206062	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	199966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	97729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	64267	57.339	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.680%
35) Dibromofluoromethane	7.715	113	65099	50.388	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.780%
50) Toluene-d8	10.178	98	251877	51.747	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.500%
62) 4-Bromofluorobenzene	12.483	95	88008	51.249	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.500%
Target Compounds						
					Qvalue	
69) o-Xylene	12.026	106	3153	1.048	ug/l	91
80) 1,3,5-Trimethylbenzene	12.812	105	39515	5.979	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	16806	2.611	ug/l	97
86) p-Isopropyltoluene	13.367	119	10930	1.511	ug/l	96
89) n-Butylbenzene	13.696	91	11721	1.761	ug/l #	73

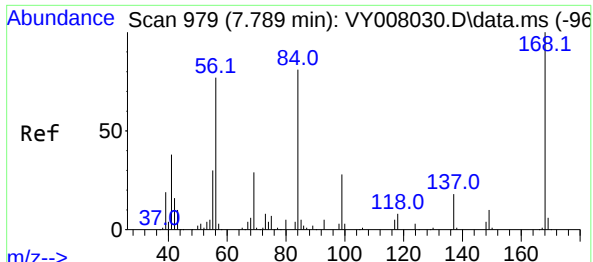
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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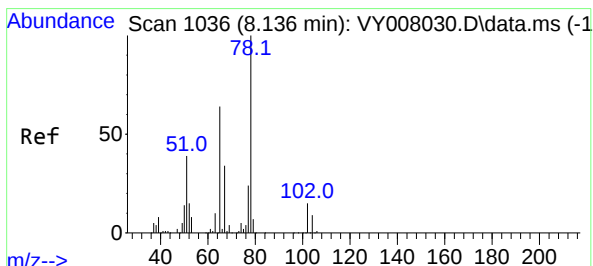
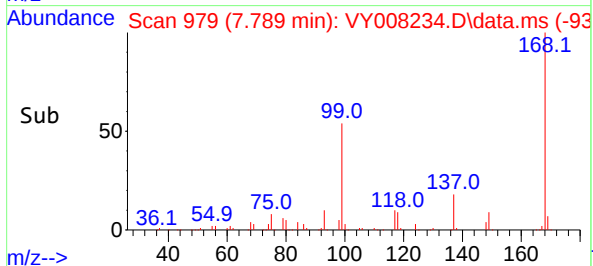
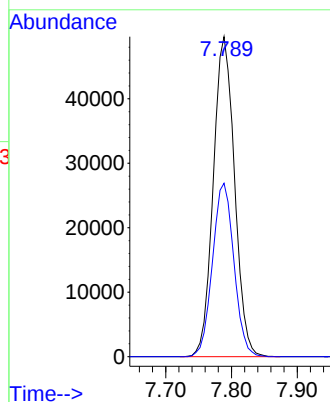
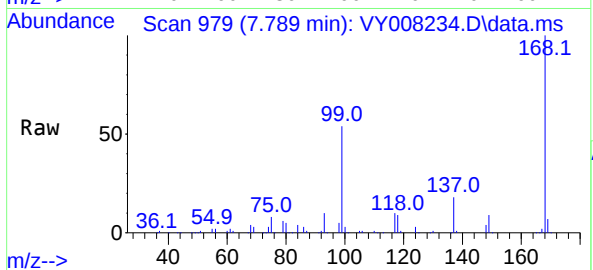




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008234.D
Acq: 06 Apr 2022 14:57

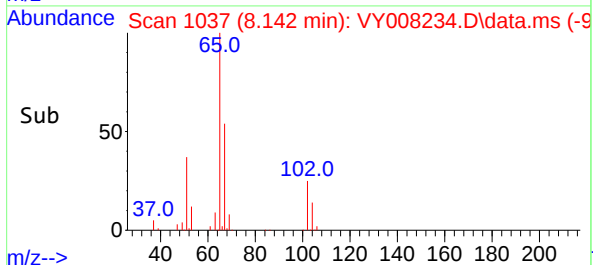
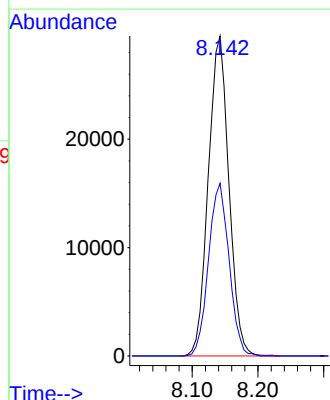
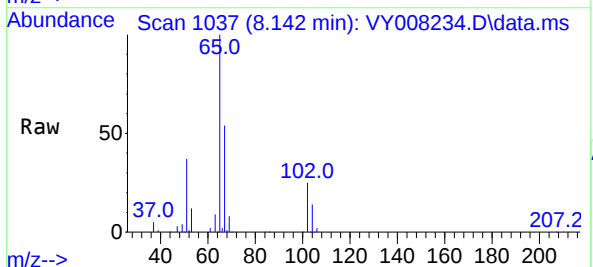
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-040522

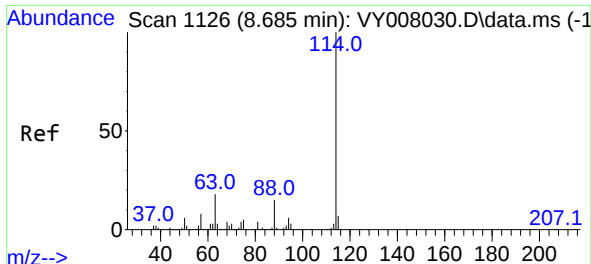
Tgt Ion:168 Resp: 111714
Ion Ratio Lower Upper
168 100
99 54.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 57.339 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY008234.D
Acq: 06 Apr 2022 14:57

Tgt Ion: 65 Resp: 64267
Ion Ratio Lower Upper
65 100
67 53.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY008234.D

Acq: 06 Apr 2022 14:57

Instrument :

MSVOA_Y

ClientSampleId :

EO-03-040522

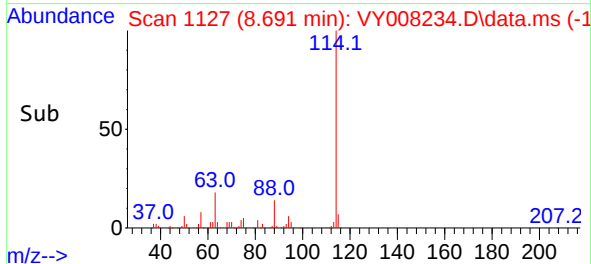
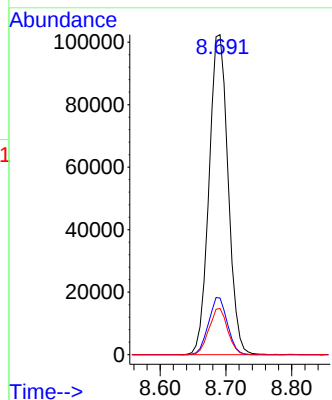
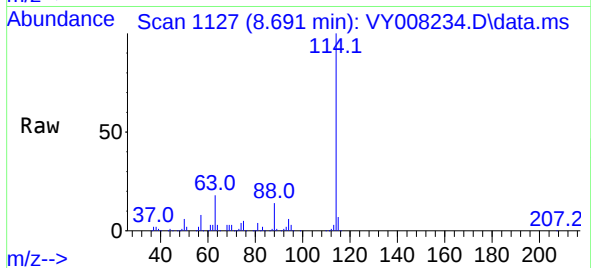
Tgt Ion:114 Resp: 206062

Ion Ratio Lower Upper

114 100

63 17.7 0.0 43.2

88 14.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.388 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.001 min

Lab File: VY008234.D

Acq: 06 Apr 2022 14:57

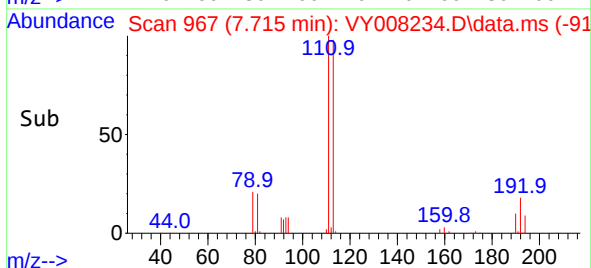
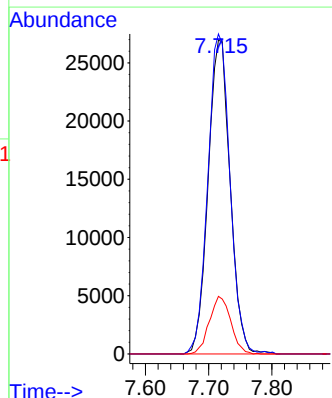
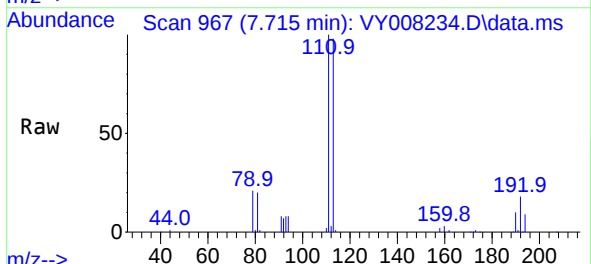
Tgt Ion:113 Resp: 65099

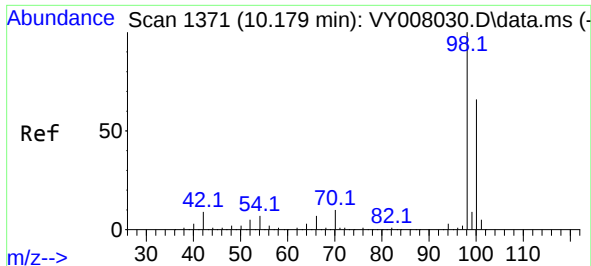
Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 17.9 17.6 26.4

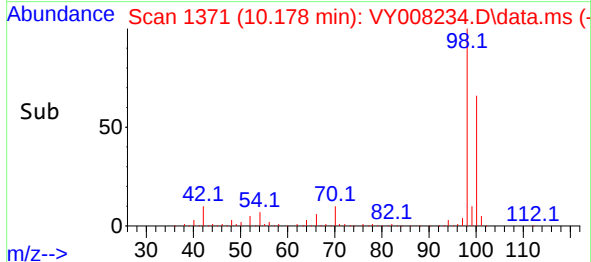
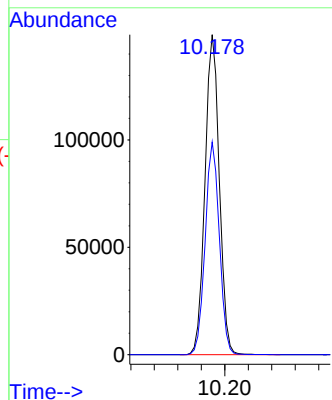
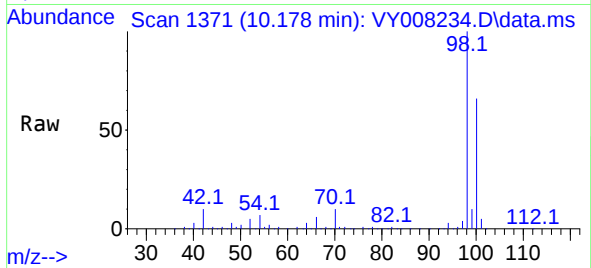




#50
Toluene-d8
Concen: 51.747 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY008234.D
Acq: 06 Apr 2022 14:57

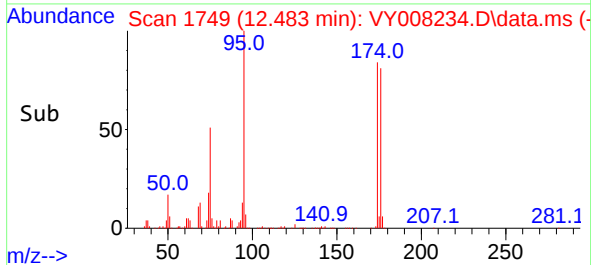
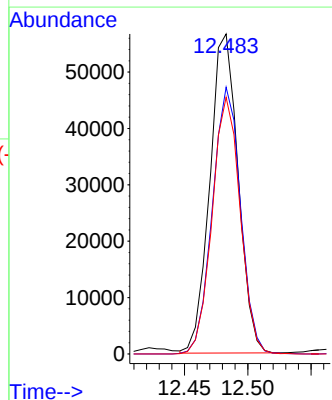
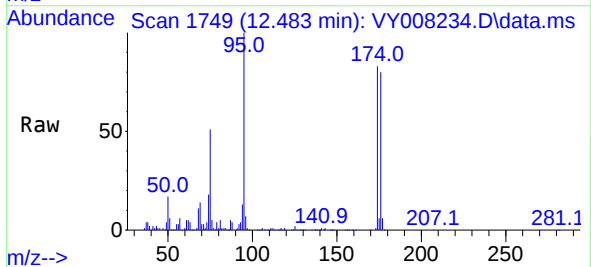
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-040522

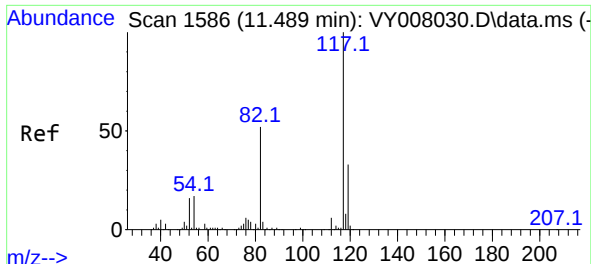
Tgt Ion: 98 Resp: 251877
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 51.249 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008234.D
Acq: 06 Apr 2022 14:57

Tgt Ion: 95 Resp: 88008
Ion Ratio Lower Upper
95 100
174 83.0 0.0 177.0
176 79.7 0.0 175.8

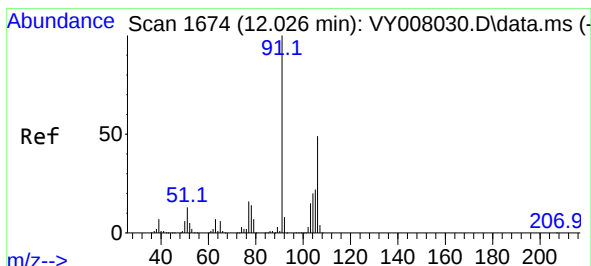
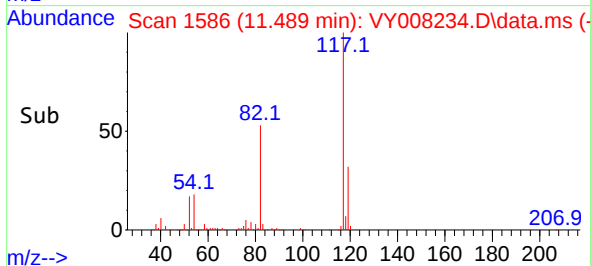
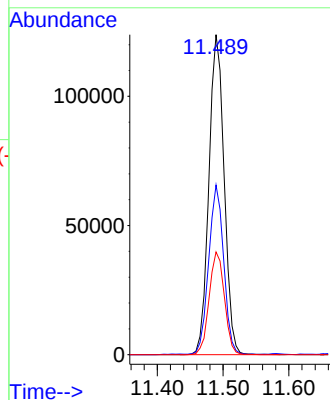
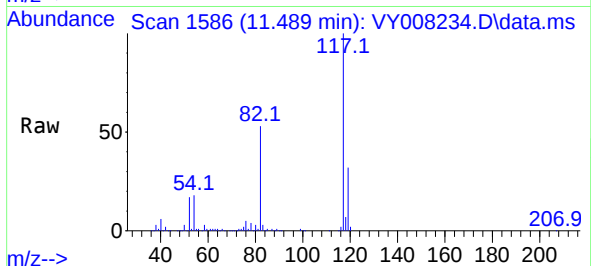




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008234.D
Acq: 06 Apr 2022 14:57

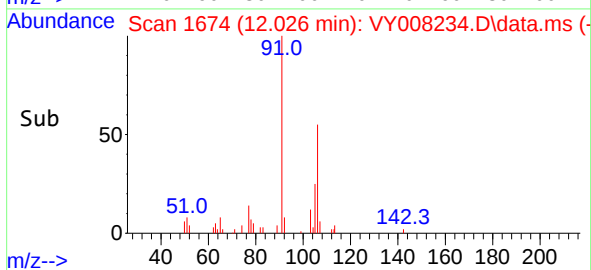
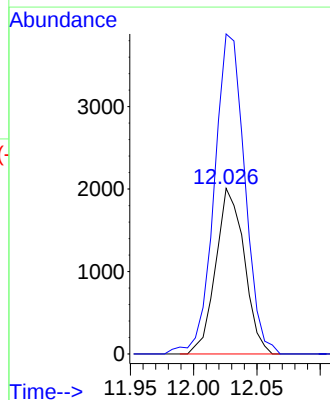
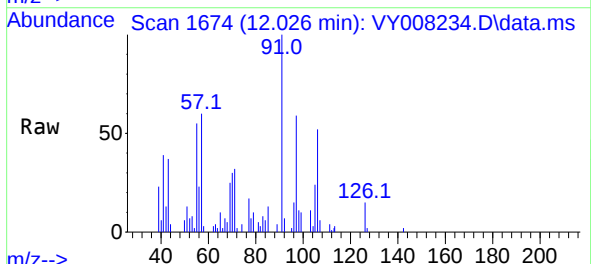
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-040522

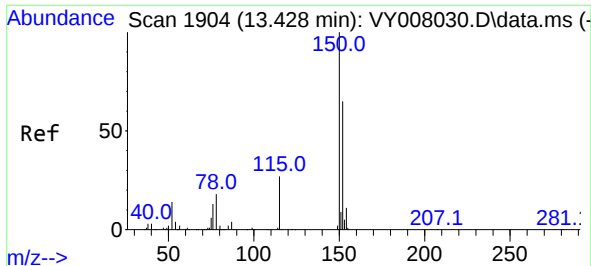
Tgt Ion:	117	Resp:	199966
Ion	Ratio	Lower	Upper
117	100		
82	52.8	43.0	64.4
119	32.1	25.4	38.0



#69
o-Xylene
Concen: 1.048 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY008234.D
Acq: 06 Apr 2022 14:57

Tgt Ion:	106	Resp:	3153
Ion	Ratio	Lower	Upper
106	100		
91	206.3	110.3	331.0



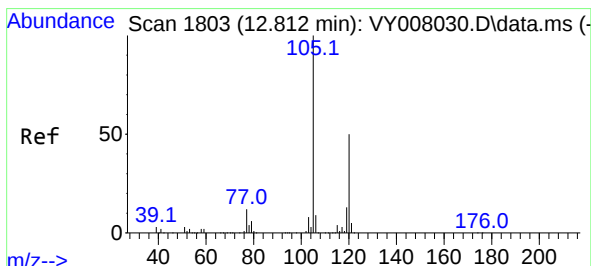
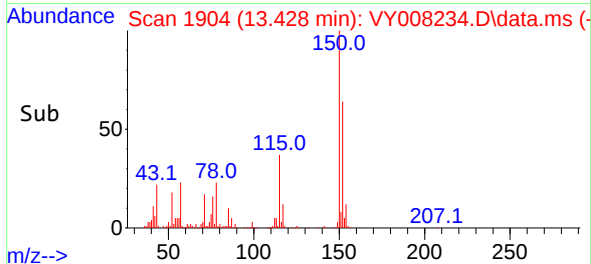
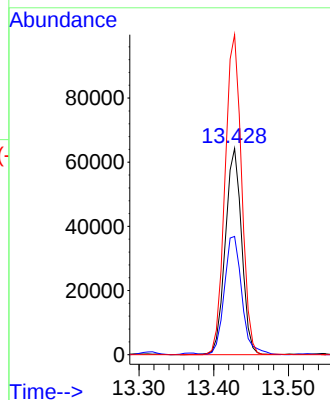
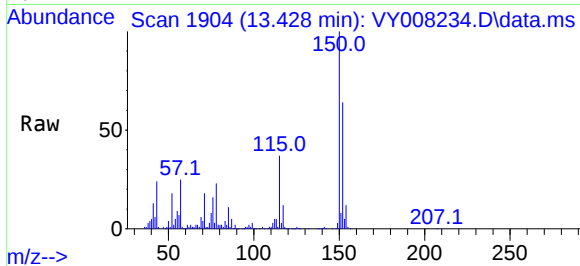


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY008234.D
 Acq: 06 Apr 2022 14:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-03-040522

Tgt Ion:152 Resp: 97729

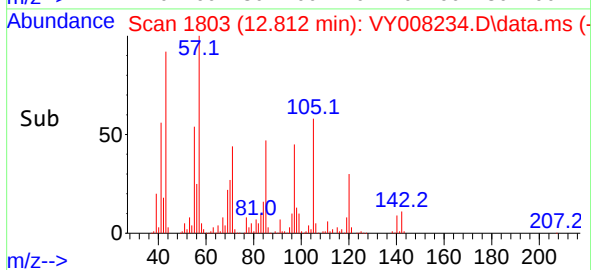
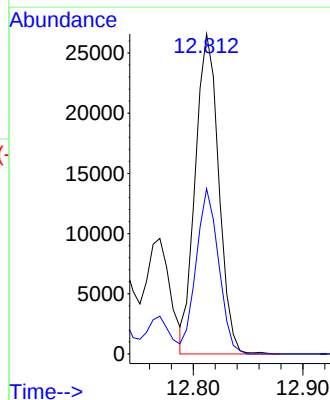
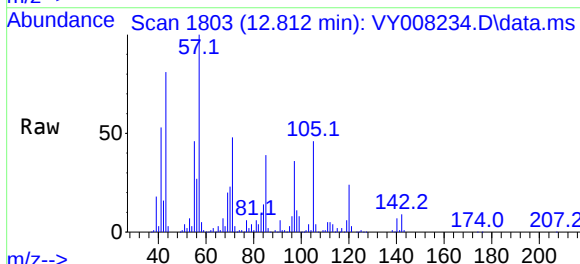
Ion	Ratio	Lower	Upper
152	100		
115	61.6	28.2	84.7
150	156.7	0.0	347.6

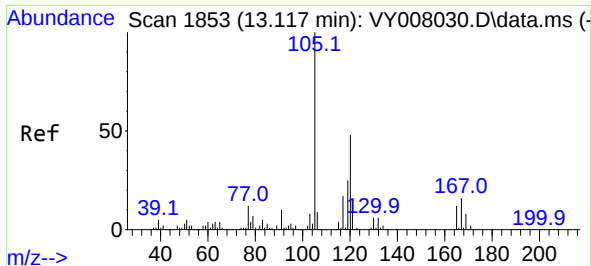


#80
 1,3,5-Trimethylbenzene
 Concen: 5.979 ug/l
 RT: 12.812 min Scan# 1803
 Delta R.T. 0.000 min
 Lab File: VY008234.D
 Acq: 06 Apr 2022 14:57

Tgt Ion:105 Resp: 39515

Ion	Ratio	Lower	Upper
105	100		
120	49.6	24.4	73.4

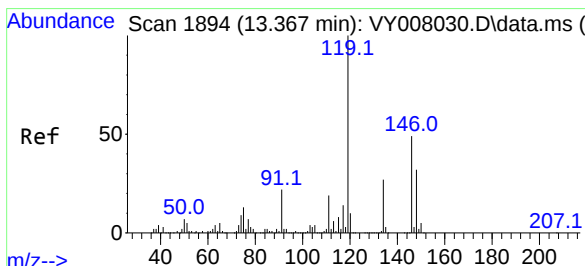
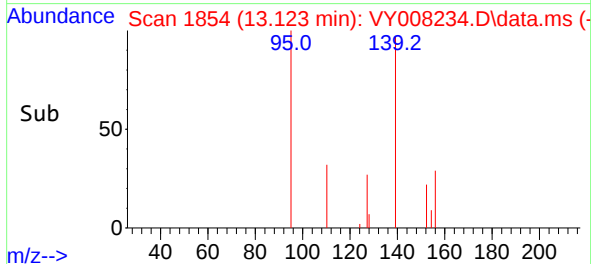
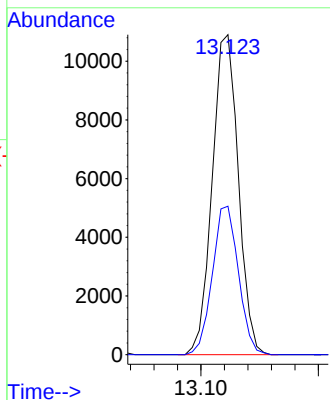
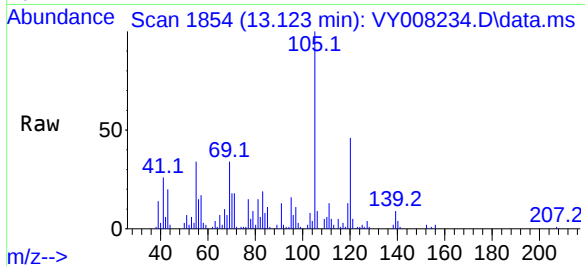




#84
1,2,4-Trimethylbenzene
Concen: 2.611 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY008234.D
Acq: 06 Apr 2022 14:57

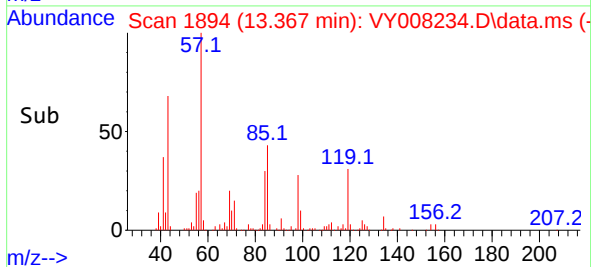
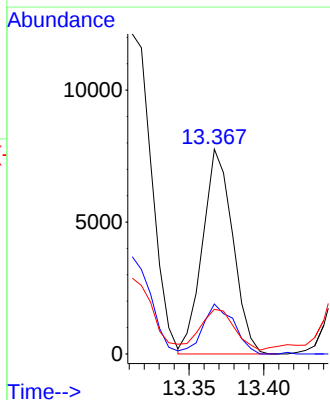
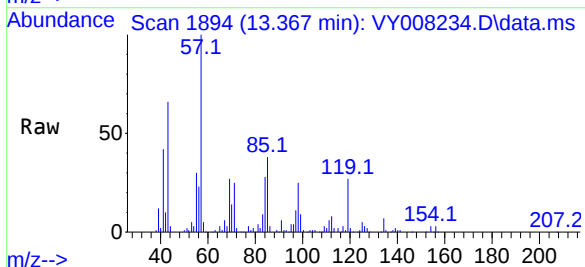
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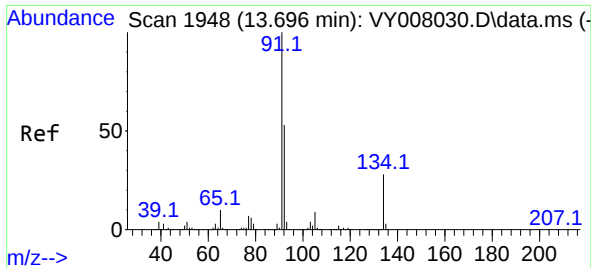
Tgt Ion:105 Resp: 16806
Ion Ratio Lower Upper
105 100
120 46.4 22.3 66.9



#86
p-Isopropyltoluene
Concen: 1.511 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY008234.D
Acq: 06 Apr 2022 14:57

Tgt Ion:119 Resp: 10930
Ion Ratio Lower Upper
119 100
134 24.9 13.2 39.5
91 22.3 12.4 37.2





#89

n-Butylbenzene

Concen: 1.761 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY008234.D

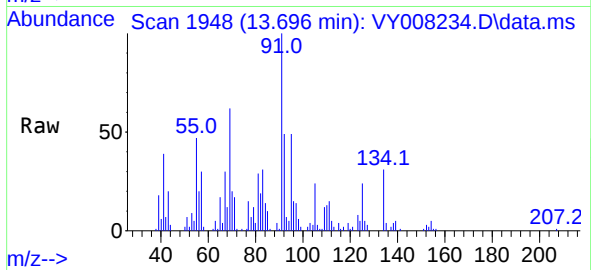
Acq: 06 Apr 2022 14:57

Instrument :

MSVOA_Y

ClientSampleId :

EO-03-040522



Tgt Ion: 91 Resp: 11721

Ion Ratio Lower Upper

91 100

92 63.8 26.3 78.9

134 0.0 13.0 38.9#

