

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032922\
 Data File : VY008099.D
 Acq On : 29 Mar 2022 19:56
 Operator : SY/MD
 Sample : N2125-01
 Misc : 4.15g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-124030

Quant Time: Mar 30 04:02:24 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)

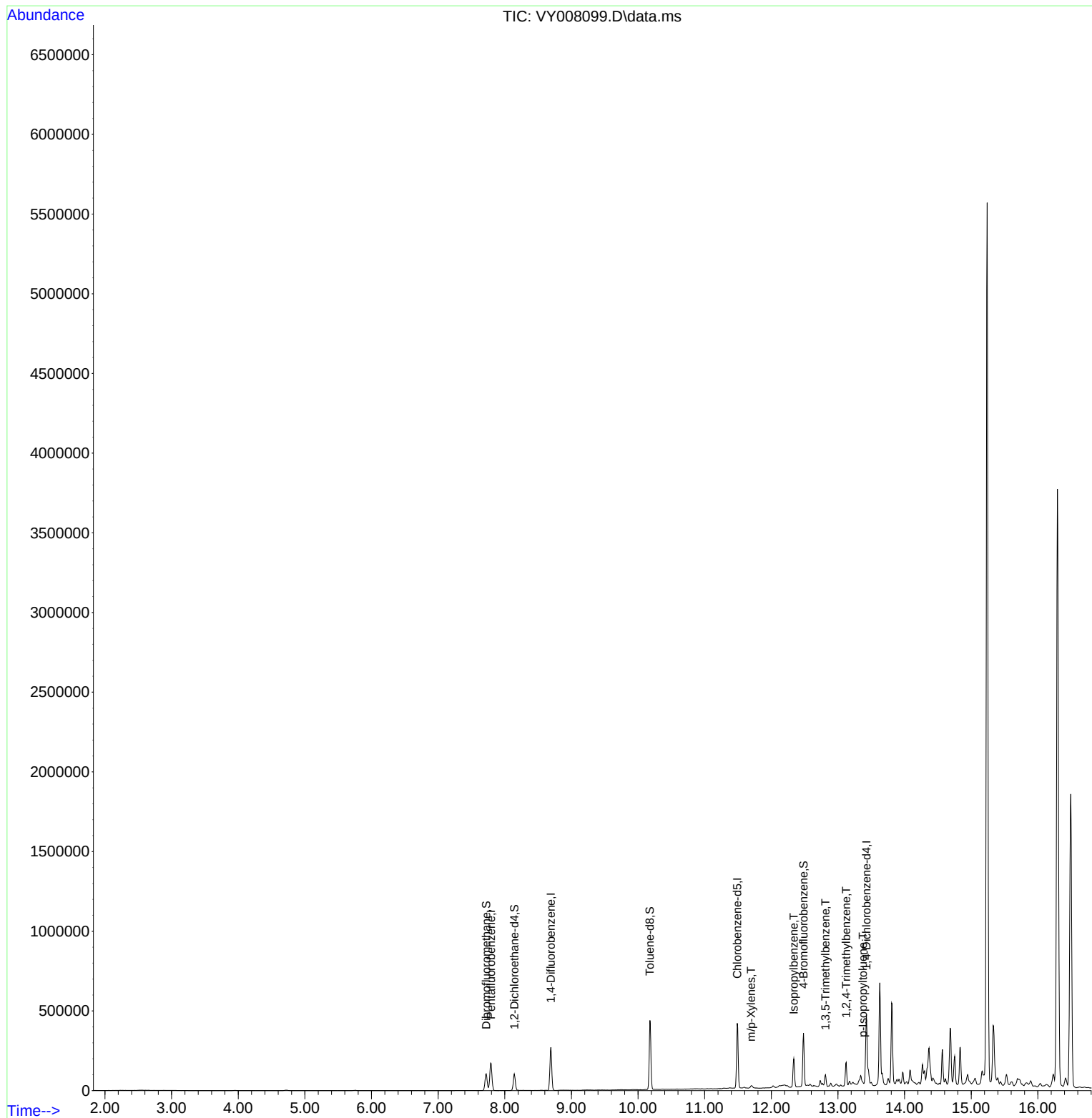
Internal Standards						
1) Pentafluorobenzene	7.795	168	135674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	240824	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	231991	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	110137	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	77418	56.874	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.740%
35) Dibromofluoromethane	7.722	113	76257	50.505	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.000%
50) Toluene-d8	10.179	98	293643	51.620	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.240%
62) 4-Bromofluorobenzene	12.483	95	107279	53.454	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.900%
Target Compounds						
						Qvalue
68) m/p-Xylenes	11.697	106	4070	1.116	ug/l	92
73) Isopropylbenzene	12.337	105	9931	1.092	ug/l #	71
80) 1,3,5-Trimethylbenzene	12.812	105	29344	3.940	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	80445	11.092	ug/l	98
86) p-Isopropyltoluene	13.373	119	9314	1.143	ug/l	98

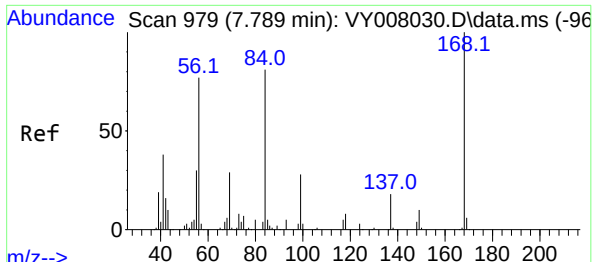
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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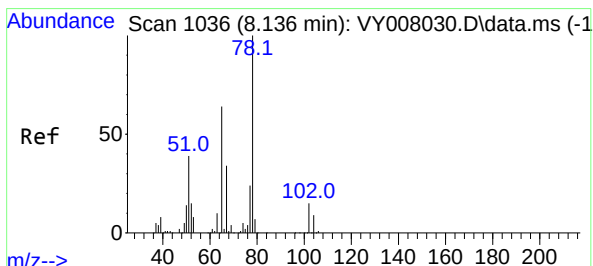
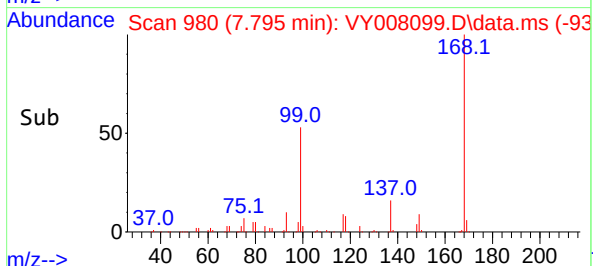
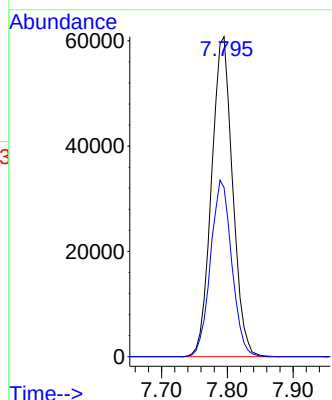
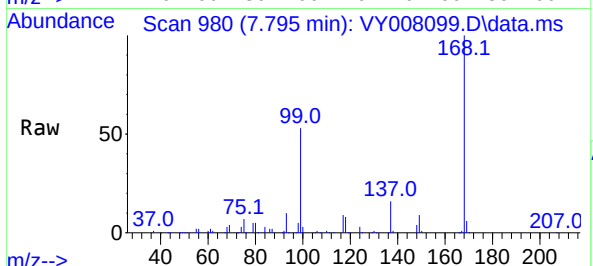




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008099.D
Acq: 29 Mar 2022 19:56

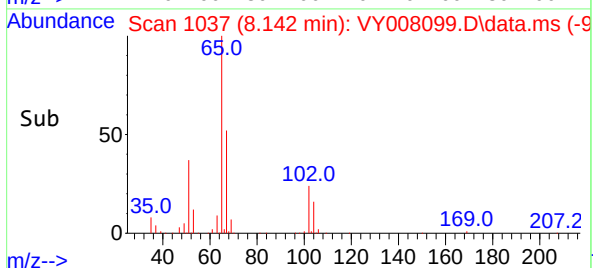
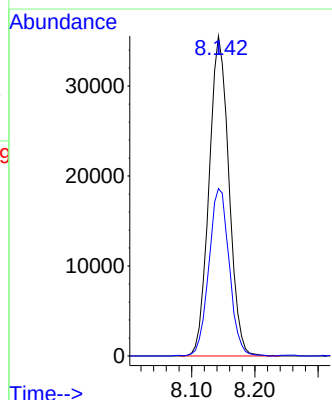
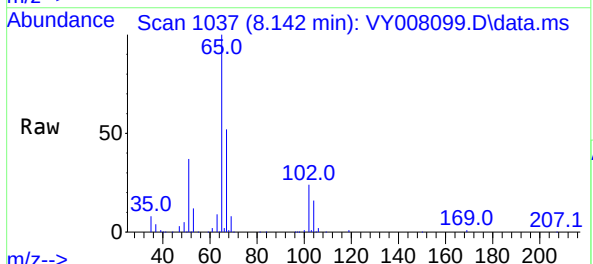
Instrument :
MSVOA_Y
ClientSampleId :
RO-124030

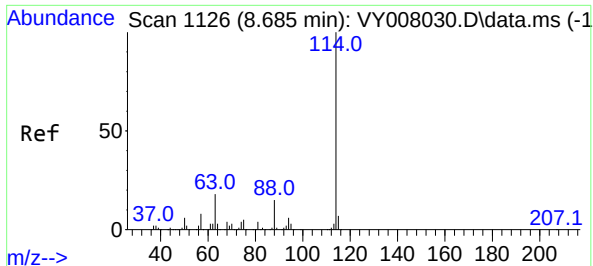
Tgt Ion:168 Resp: 135674
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 56.874 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY008099.D
Acq: 29 Mar 2022 19:56

Tgt Ion: 65 Resp: 77418
Ion Ratio Lower Upper
65 100
67 53.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY008099.D

Acq: 29 Mar 2022 19:56

Instrument :

MSVOA_Y

ClientSampleId :

RO-124030

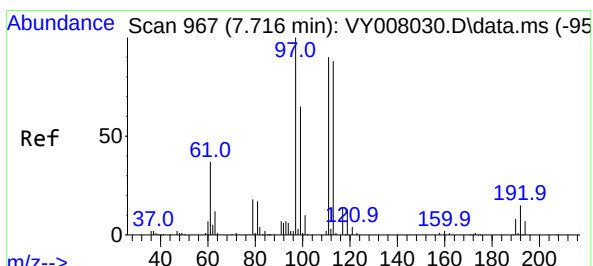
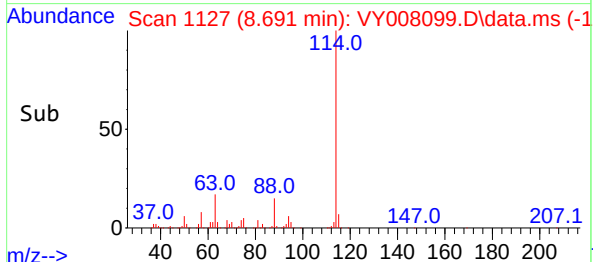
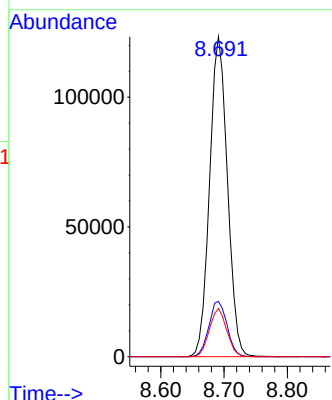
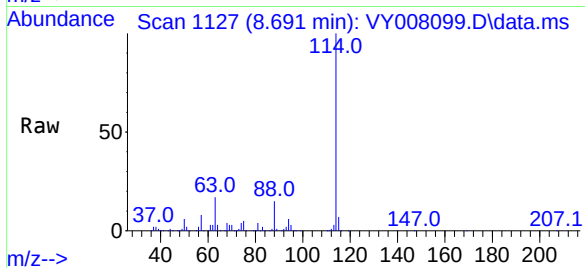
Tgt Ion:114 Resp: 240824

Ion Ratio Lower Upper

114 100

63 17.3 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.505 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY008099.D

Acq: 29 Mar 2022 19:56

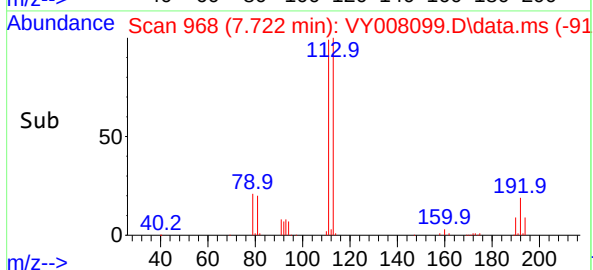
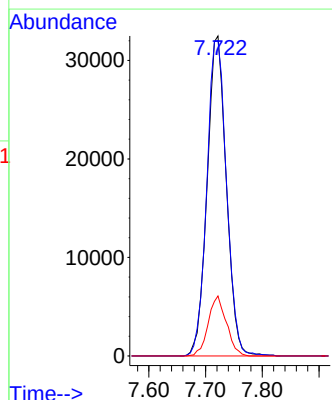
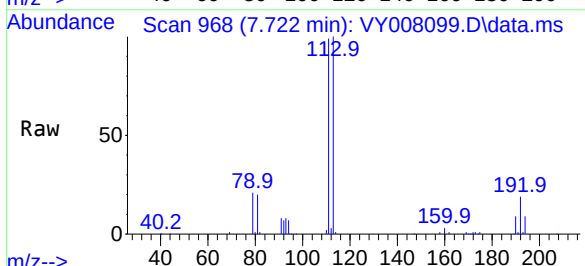
Tgt Ion:113 Resp: 76257

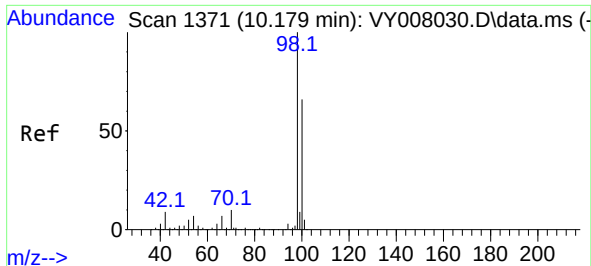
Ion Ratio Lower Upper

113 100

111 101.6 82.6 124.0

192 17.8 17.6 26.4

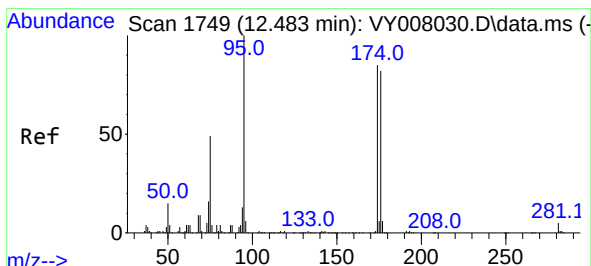
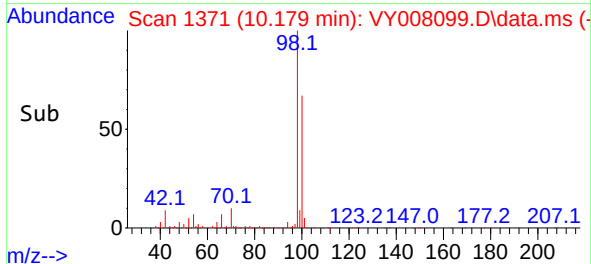
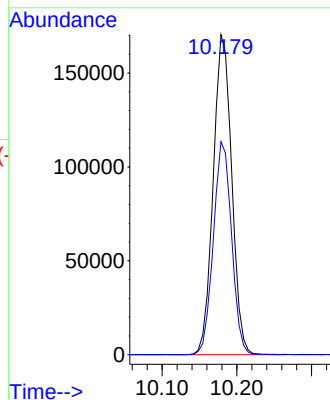
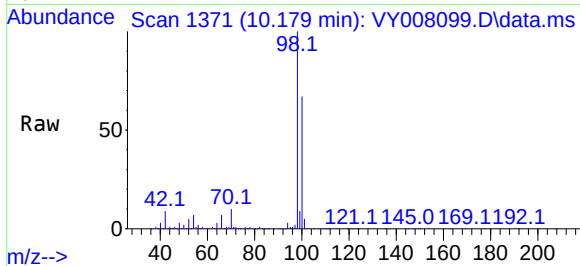




#50
Toluene-d8
Concen: 51.620 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008099.D
Acq: 29 Mar 2022 19:56

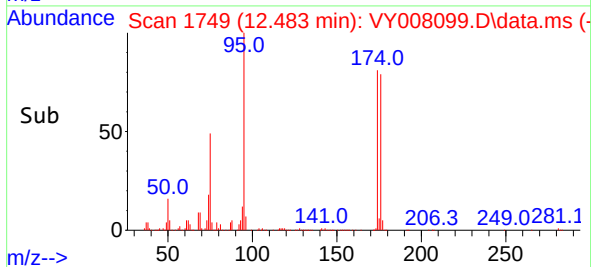
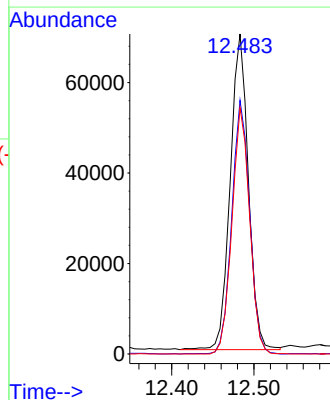
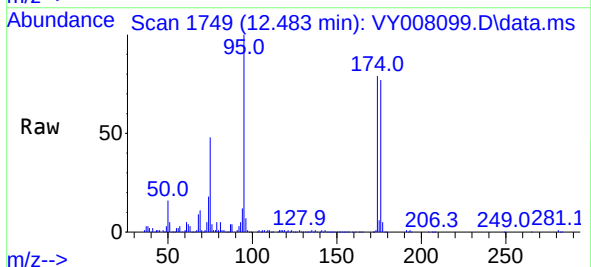
Instrument :
MSVOA_Y
ClientSampleId :
RO-124030

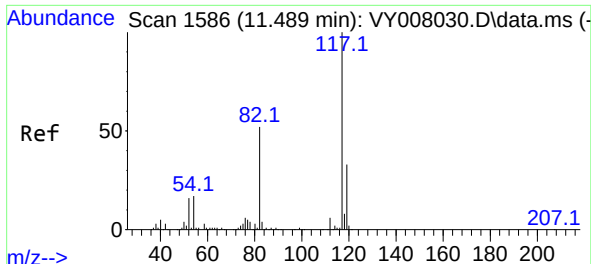
Tgt Ion: 98 Resp: 293643
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 53.454 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008099.D
Acq: 29 Mar 2022 19:56

Tgt Ion: 95 Resp: 107279
Ion Ratio Lower Upper
95 100
174 79.2 0.0 177.0
176 75.8 0.0 175.8

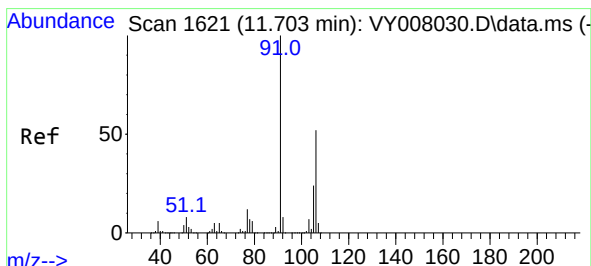
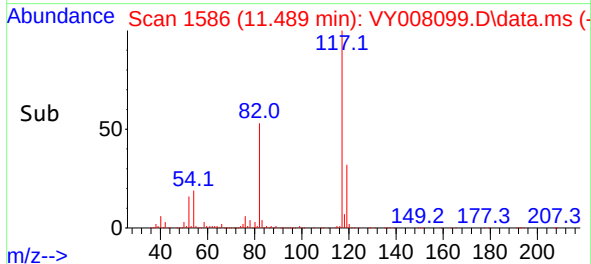
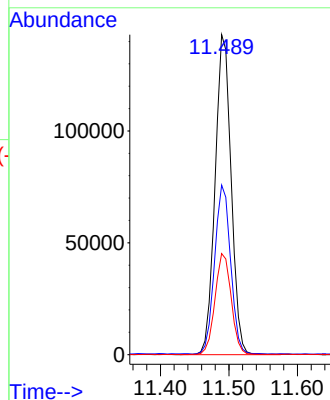
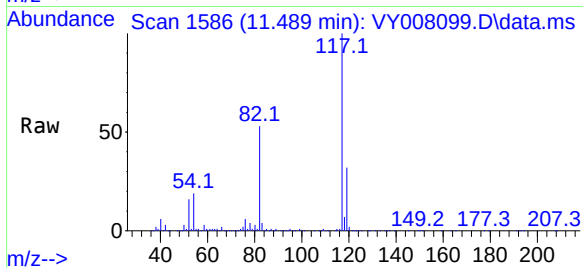




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008099.D
Acq: 29 Mar 2022 19:56

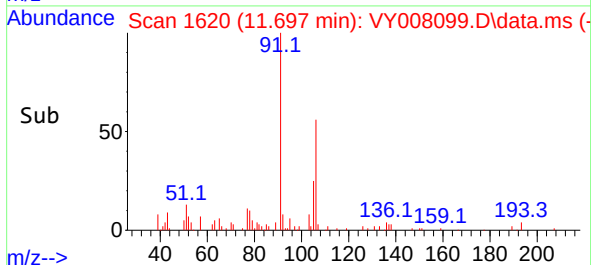
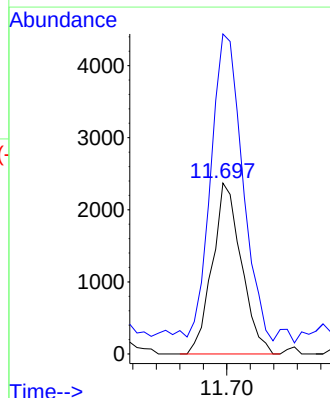
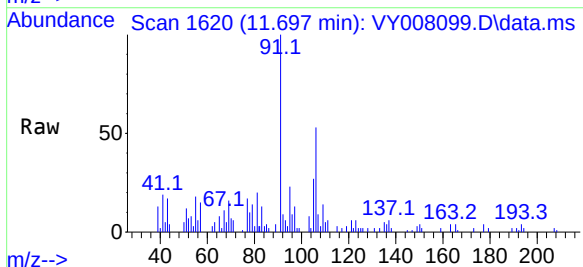
Instrument :
MSVOA_Y
ClientSampleId :
RO-124030

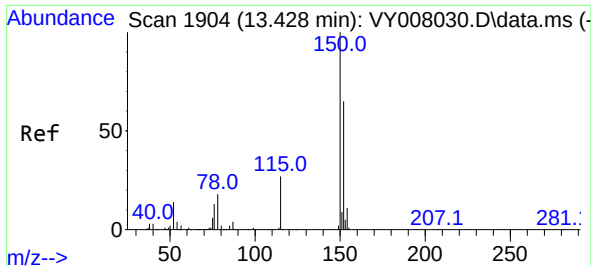
Tgt Ion:	117	Resp:	231991
Ion	Ratio	Lower	Upper
117	100		
82	52.8	43.0	64.4
119	31.5	25.4	38.0



#68
m/p-Xylenes
Concen: 1.116 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY008099.D
Acq: 29 Mar 2022 19:56

Tgt Ion:	106	Resp:	4070
Ion	Ratio	Lower	Upper
106	100		
91	195.6	166.6	249.8

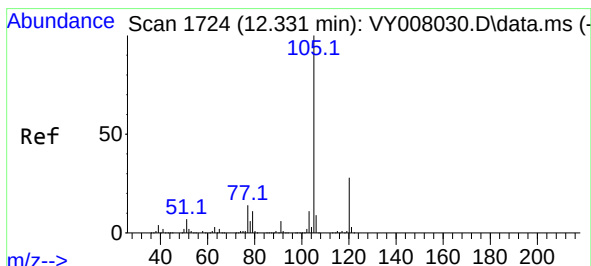
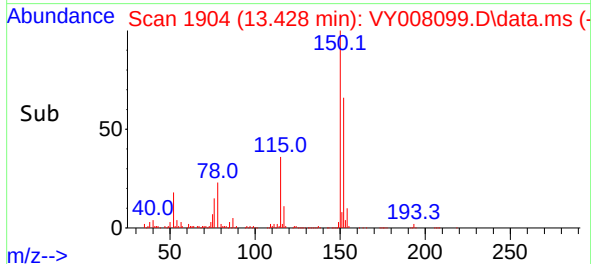
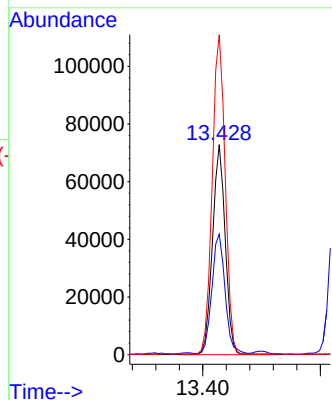
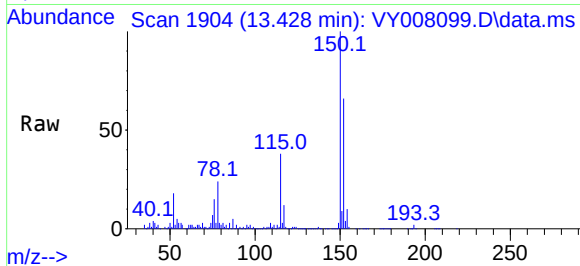




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008099.D
Acq: 29 Mar 2022 19:56

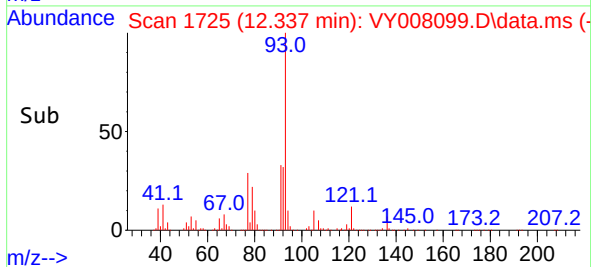
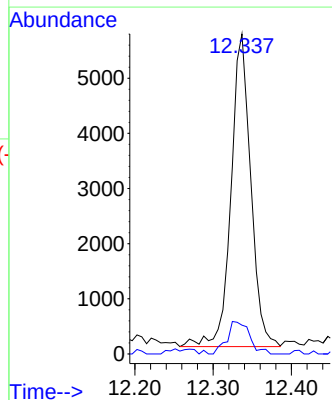
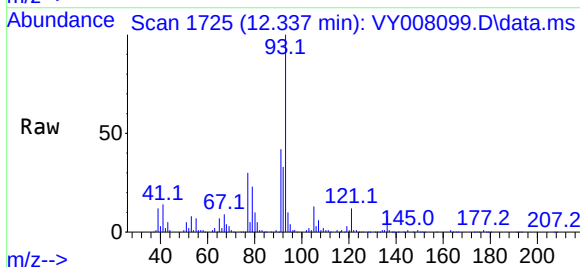
Instrument :
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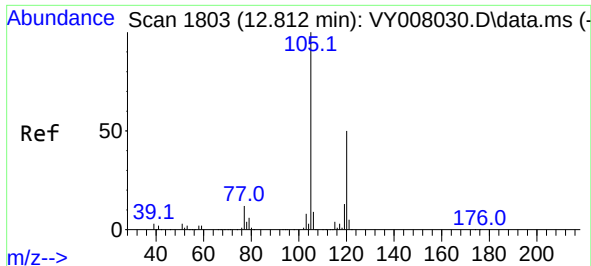
Tgt Ion:152 Resp: 110137
Ion Ratio Lower Upper
152 100
115 58.2 28.2 84.7
150 153.6 0.0 347.6



#73
Isopropylbenzene
Concen: 1.092 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.006 min
Lab File: VY008099.D
Acq: 29 Mar 2022 19:56

Tgt Ion:105 Resp: 9931
Ion Ratio Lower Upper
105 100
120 11.8 13.4 40.2#

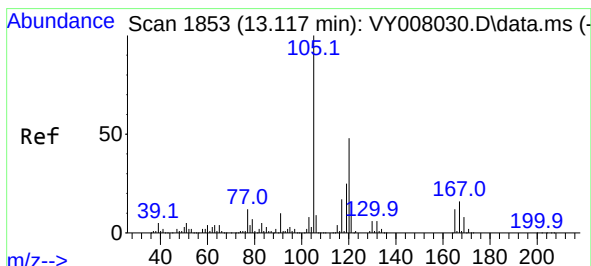
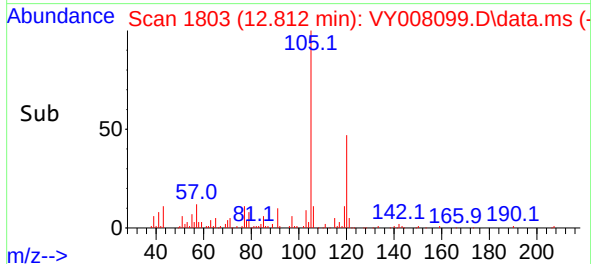
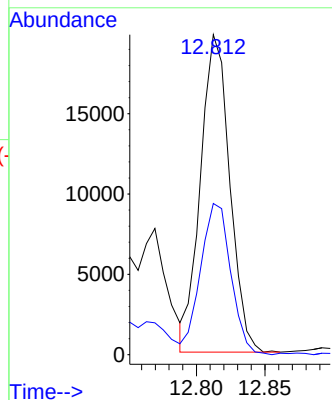
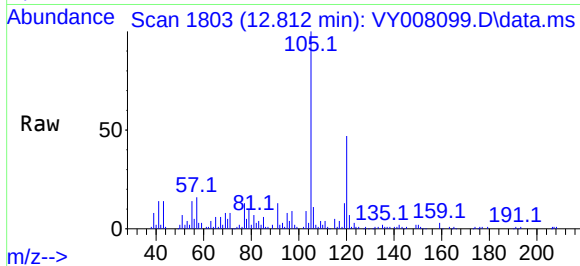




#80
 1,3,5-Trimethylbenzene
 Concen: 3.940 ug/l
 RT: 12.812 min Scan# 1803
 Delta R.T. 0.000 min
 Lab File: VY008099.D
 Acq: 29 Mar 2022 19:56

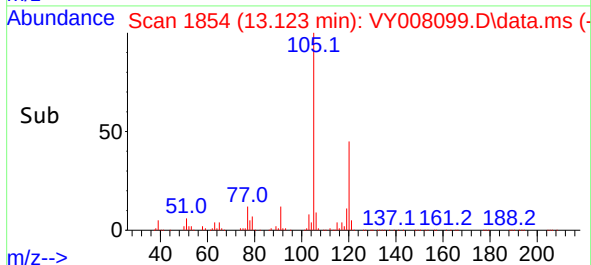
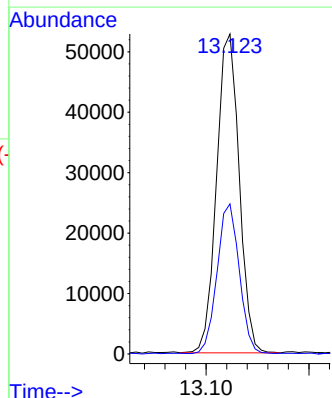
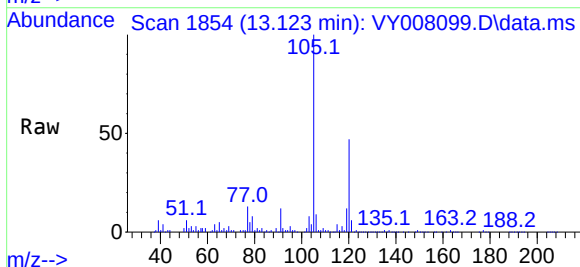
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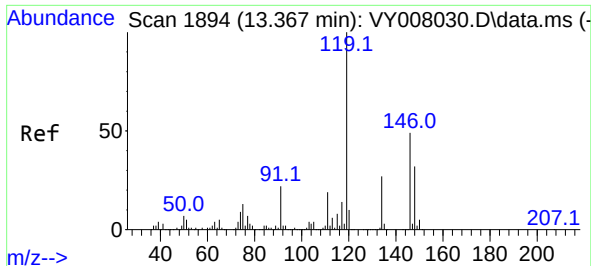
Tgt Ion:105 Resp: 29344
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.4 73.4



#84
 1,2,4-Trimethylbenzene
 Concen: 11.092 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. 0.006 min
 Lab File: VY008099.D
 Acq: 29 Mar 2022 19:56

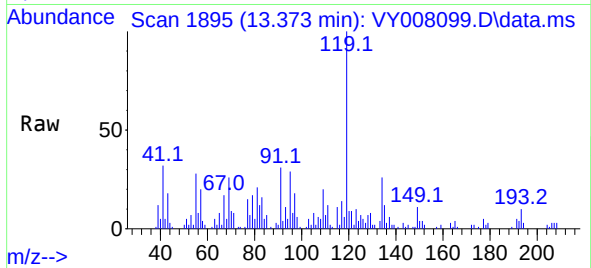
Tgt Ion:105 Resp: 80445
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.3 66.9





#86
 p-Isopropyltoluene
 Concen: 1.143 ug/l
 RT: 13.373 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY008099.D
 Acq: 29 Mar 2022 19:56

Instrument :
 MSVOA_Y
 ClientSampleId :
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Tgt Ion:119 Resp: 9314

Ion	Ratio	Lower	Upper
119	100		
134	27.9	13.2	39.5
91	24.5	12.4	37.2

