

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070721\
 Data File : VY005368.D
 Acq On : 07 Jul 2021 16:31
 Operator : SY/MD
 Sample : M2933-05
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 5

Quant Time: Jul 08 02:05:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

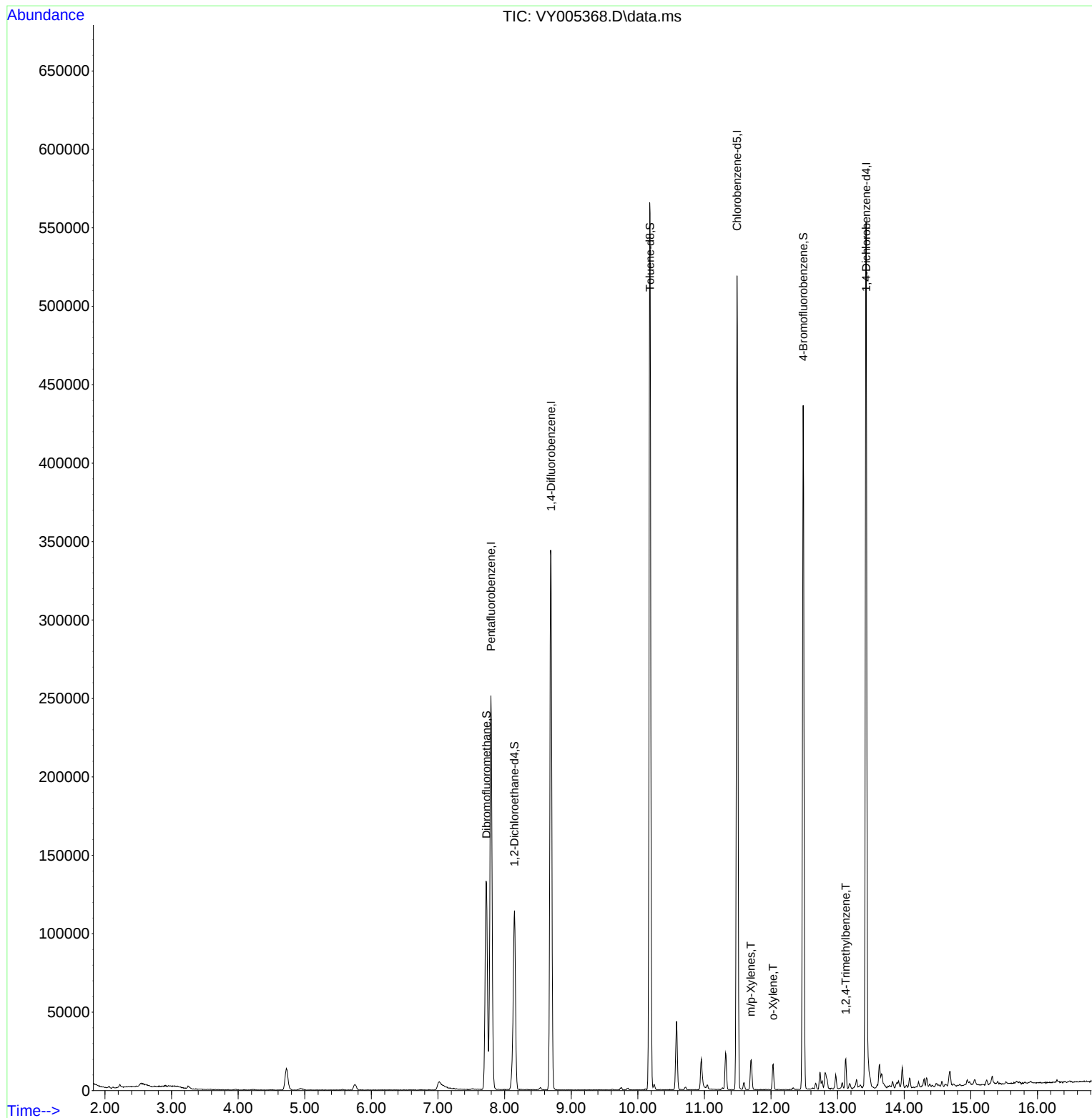
Internal Standards						
1) Pentafluorobenzene	7.795	168	228070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	339050	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	320141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	159868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	86282	45.588	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.180%
35) Dibromofluoromethane	7.728	113	95893	47.957	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.920%
50) Toluene-d8	10.185	98	399994	50.022	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.040%
62) 4-Bromofluorobenzene	12.483	95	127167	47.724	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.440%
Target Compounds						
					Qvalue	
68) m/p-Xylenes	11.697	106	6473	1.477	ug/l	99
69) o-Xylene	12.032	106	4686	1.129	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	11291	1.331	ug/l	100

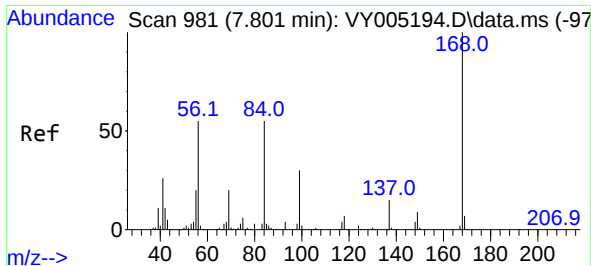
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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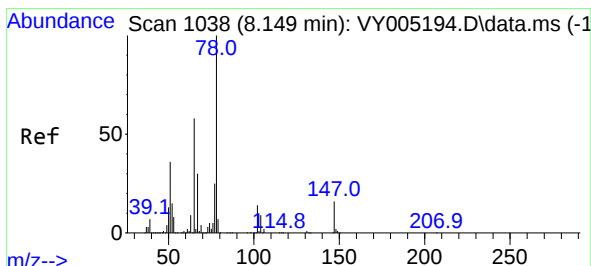
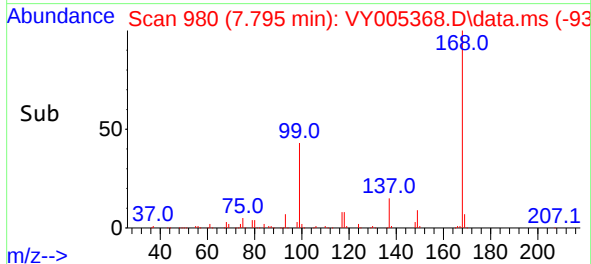
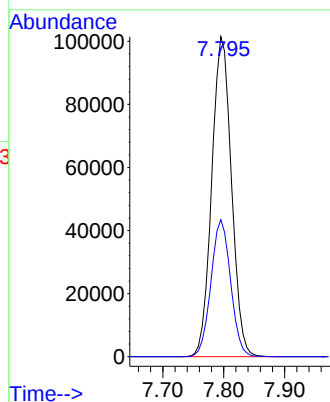
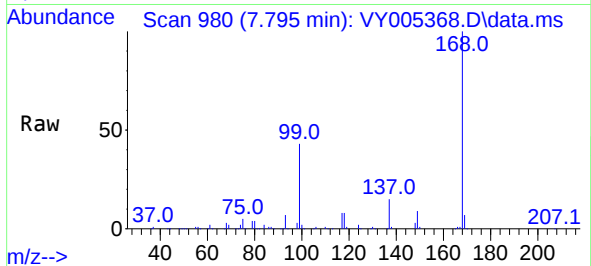




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005368.D
Acq: 07 Jul 2021 16:31

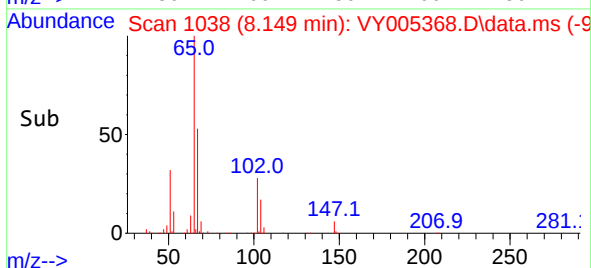
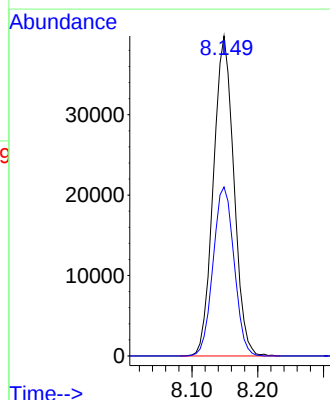
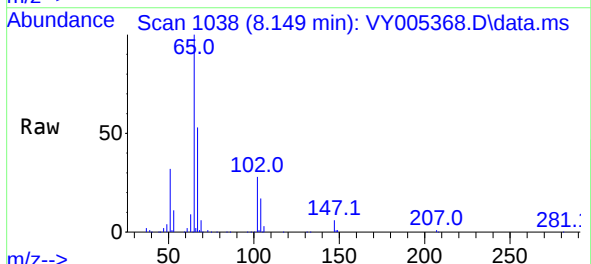
Instrument :
MSVOA_Y
ClientSampleId :
5

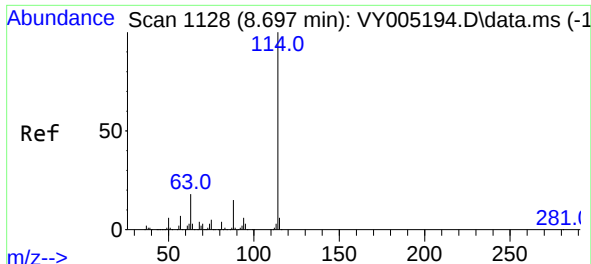
Tgt Ion:168 Resp: 228070
Ion Ratio Lower Upper
168 100
99 42.8 36.2 54.4



#33
1,2-Dichloroethane-d4
Concen: 45.588 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005368.D
Acq: 07 Jul 2021 16:31

Tgt Ion: 65 Resp: 86282
Ion Ratio Lower Upper
65 100
67 54.1 0.0 110.6

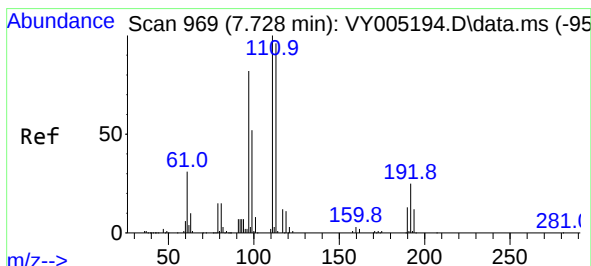
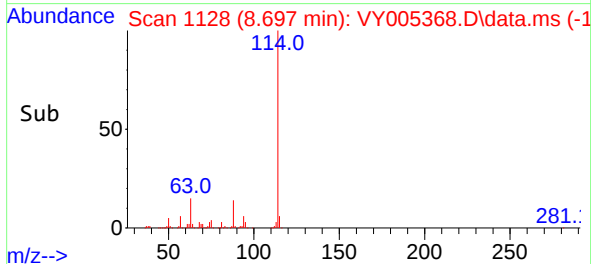
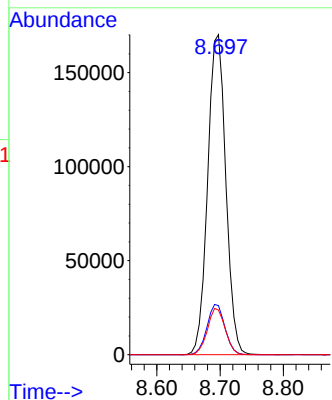
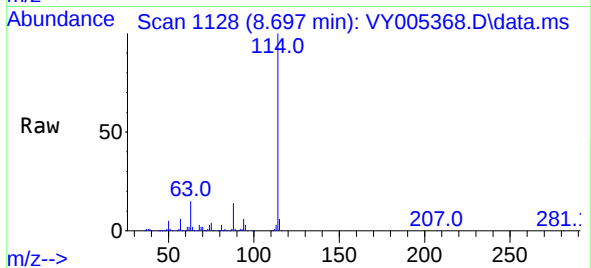




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005368.D
Acq: 07 Jul 2021 16:31

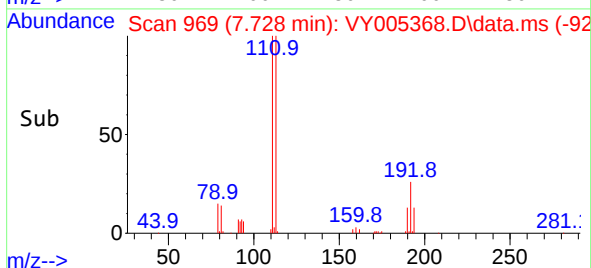
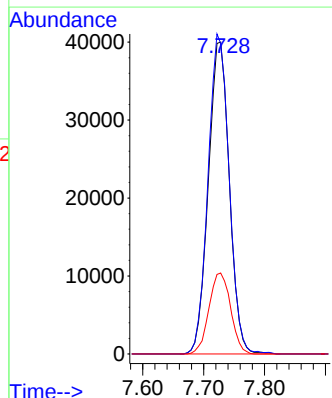
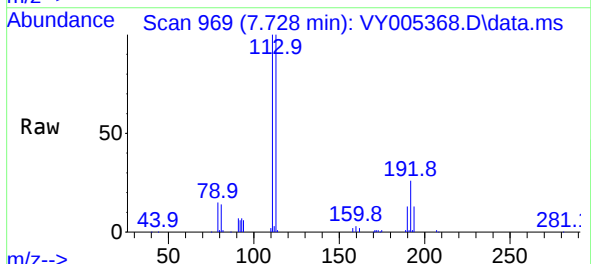
Instrument :
MSVOA_Y
ClientSampleId :
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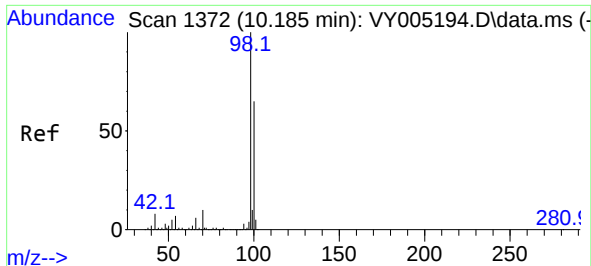
Tgt Ion:114 Resp: 339050
Ion Ratio Lower Upper
114 100
63 15.4 0.0 35.2
88 14.0 0.0 29.4



#35
Dibromofluoromethane
Concen: 47.957 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005368.D
Acq: 07 Jul 2021 16:31

Tgt Ion:113 Resp: 95893
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 26.7 20.2 30.2

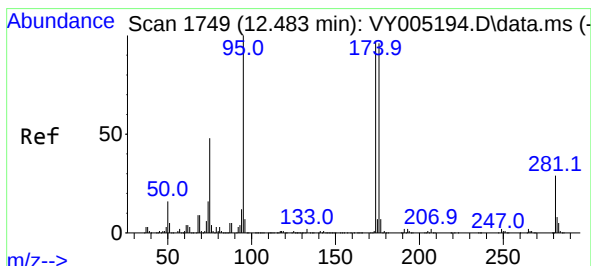
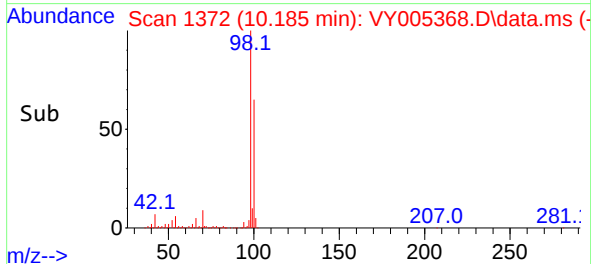
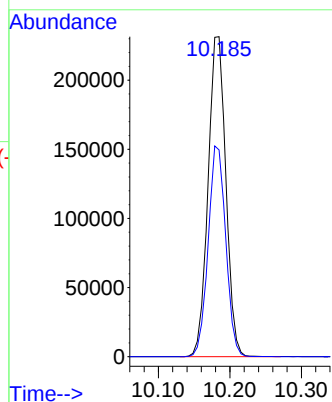
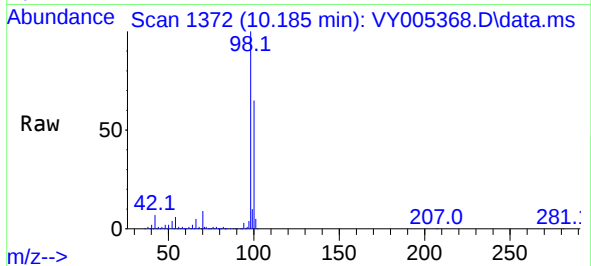




#50
Toluene-d8
Concen: 50.022 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005368.D
Acq: 07 Jul 2021 16:31

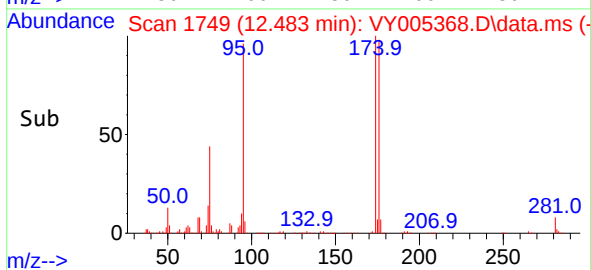
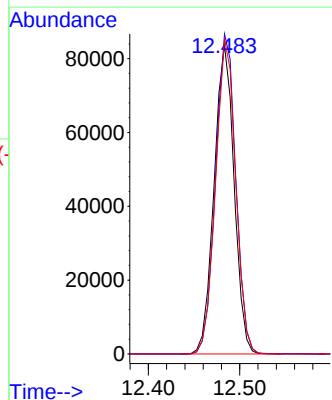
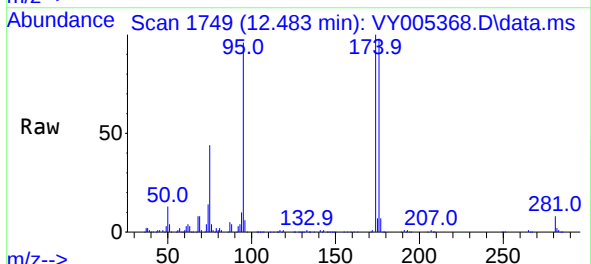
Instrument :
MSVOA_Y
ClientSampled :
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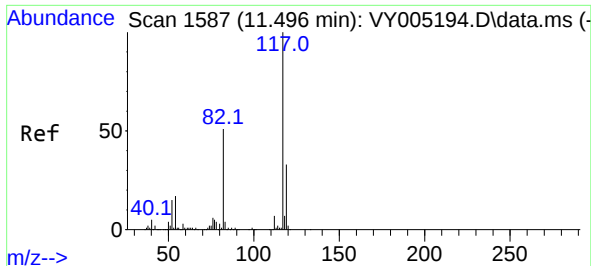
Tgt Ion: 98 Resp: 399994
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 47.724 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005368.D
Acq: 07 Jul 2021 16:31

Tgt Ion: 95 Resp: 127167
Ion Ratio Lower Upper
95 100
174 104.8 0.0 201.6
176 102.0 0.0 197.4

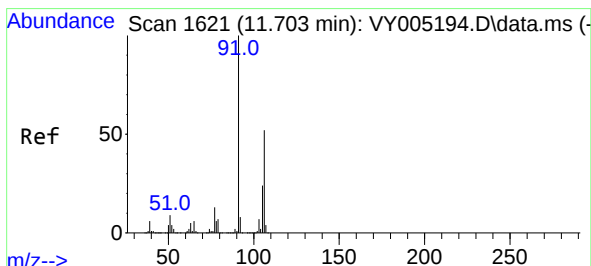
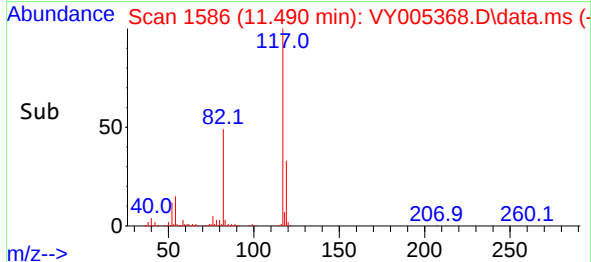
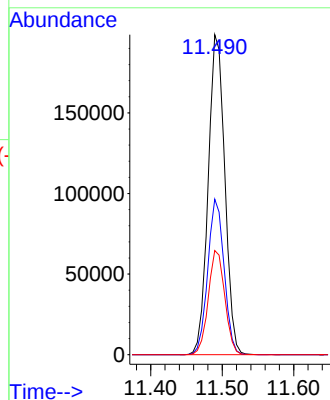
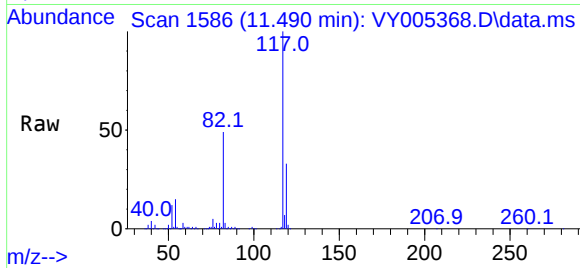




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005368.D
Acq: 07 Jul 2021 16:31

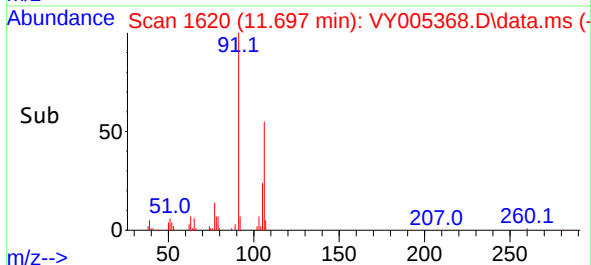
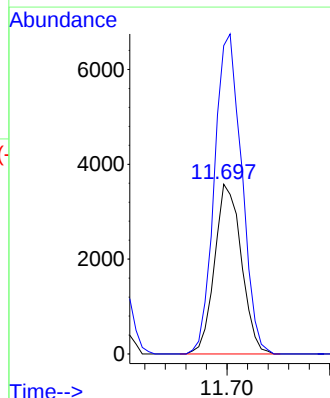
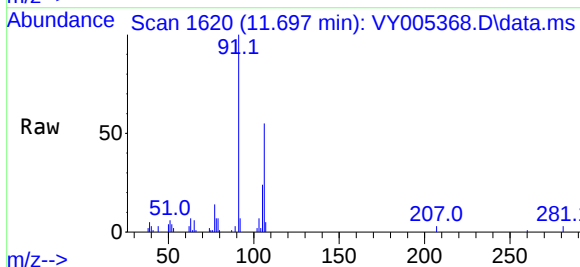
Instrument :
MSVOA_Y
ClientSampleId :
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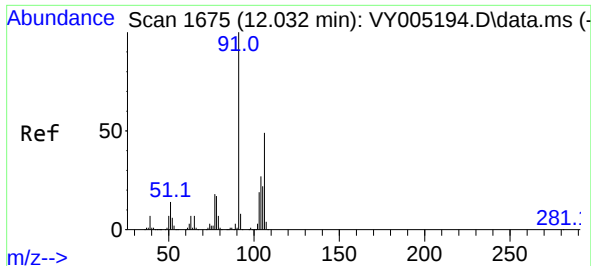
Tgt Ion:117	Resp:	320141
Ion	Ratio	Lower Upper
117	100	
82	48.6	40.6 60.8
119	32.6	26.1 39.1



#68
m/p-Xylenes
Concen: 1.477 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY005368.D
Acq: 07 Jul 2021 16:31

Tgt Ion:106	Resp:	6473
Ion	Ratio	Lower Upper
106	100	
91	191.9	154.8 232.2

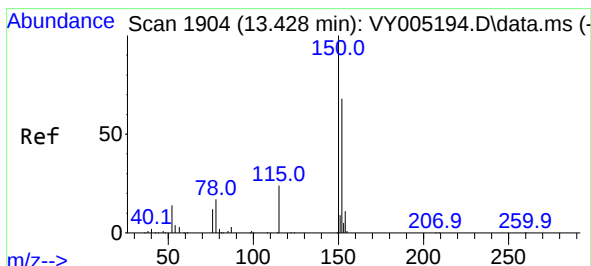
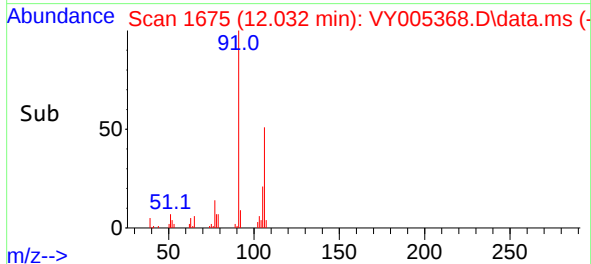
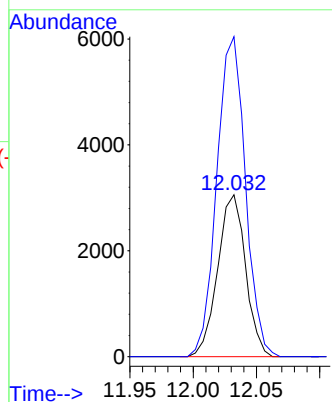
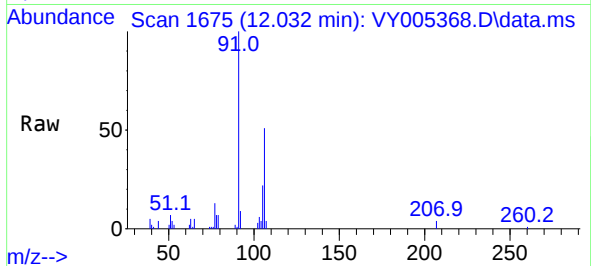




#69
o-Xylene
Concen: 1.129 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY005368.D
Acq: 07 Jul 2021 16:31

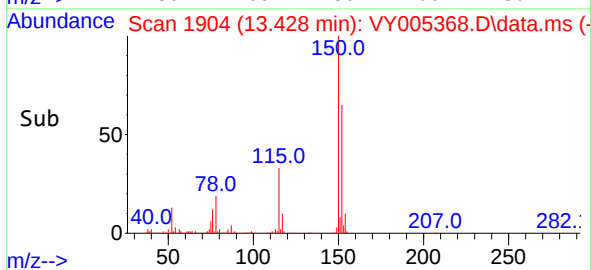
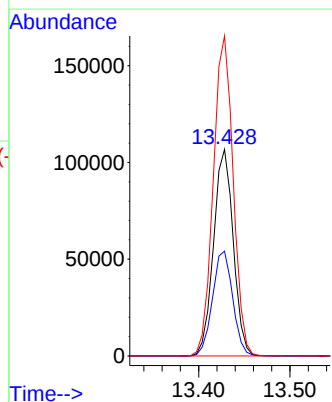
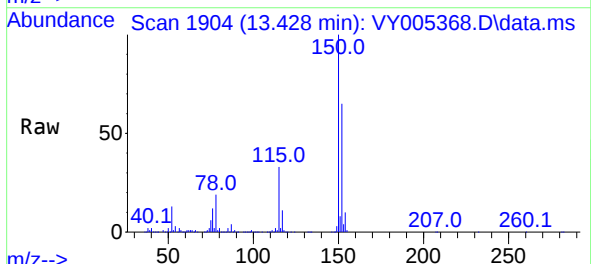
Instrument :
MSVOA_Y
ClientSampled :
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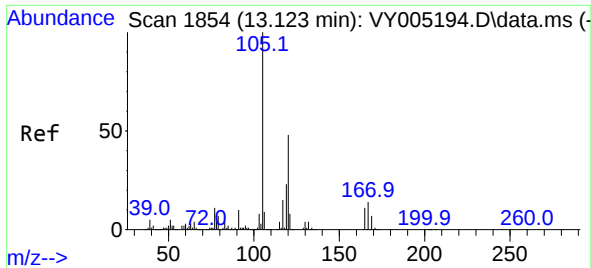
Tgt Ion:106 Resp: 4686
Ion Ratio Lower Upper
106 100
91 202.6 101.6 304.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005368.D
Acq: 07 Jul 2021 16:31

Tgt Ion:152 Resp: 159868
Ion Ratio Lower Upper
152 100
115 52.1 26.3 78.8
150 156.3 0.0 344.2





#84
 1,2,4-Trimethylbenzene
 Concen: 1.331 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: VY005368.D
 Acq: 07 Jul 2021 16:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 5

Tgt Ion:105 Resp: 11291
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.6 71.0

