

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070721\
 Data File : VY005365.D
 Acq On : 07 Jul 2021 14:51
 Operator : SY/MD
 Sample : M2933-02
 Misc : 5.03G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 2

Quant Time: Jul 08 02:04:55 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)

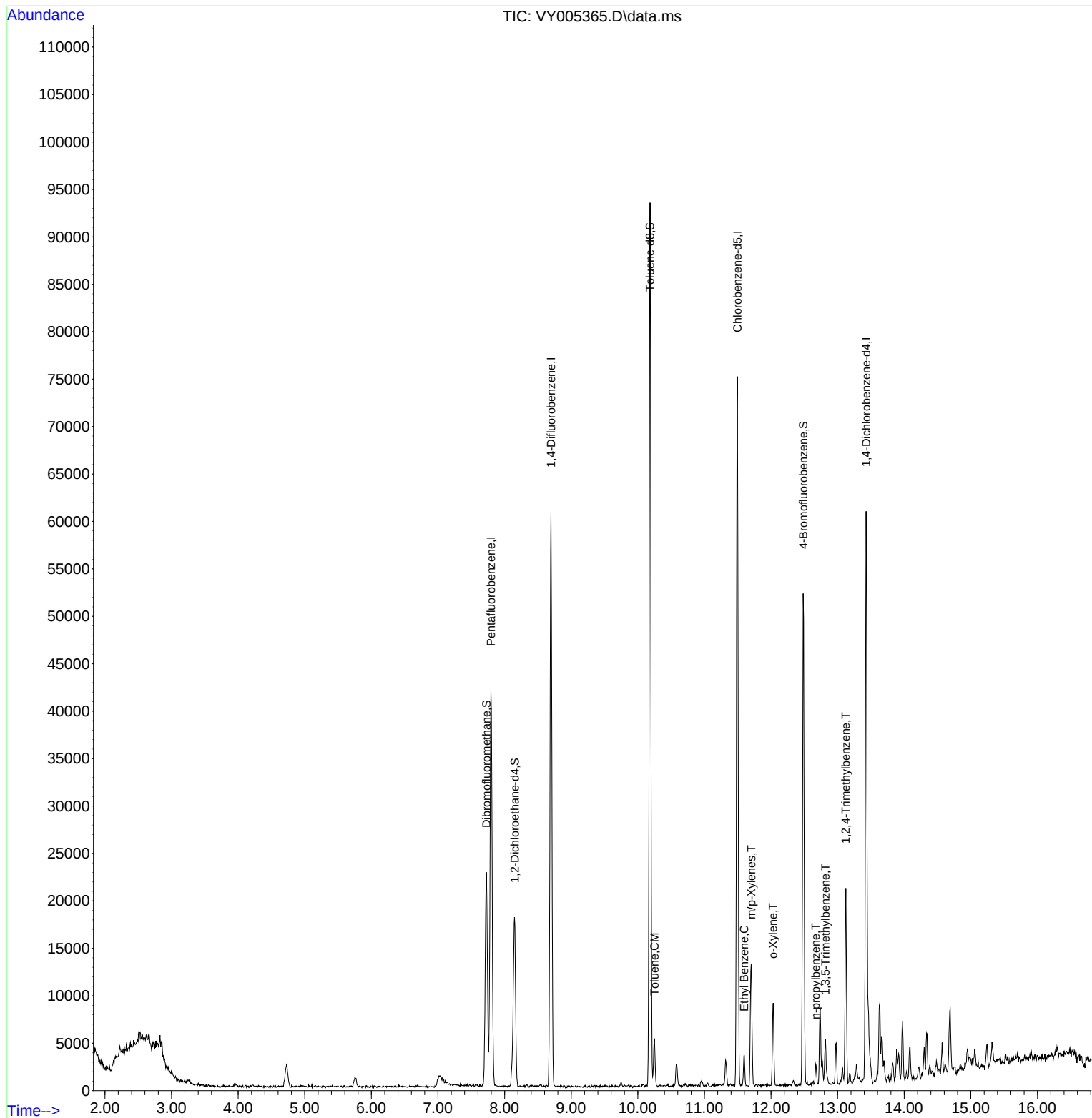
Internal Standards						
1) Pentafluorobenzene	7.795	168	35135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	52351	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	42524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	16303	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	13398	45.951	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.900%
35) Dibromofluoromethane	7.728	113	15921	51.567	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.140%
50) Toluene-d8	10.185	98	62045	50.251	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.500%
62) 4-Bromofluorobenzene	12.483	95	14506	35.257	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	70.520%
Target Compounds						
					Qvalue	
52) Toluene	10.252	92	2300	2.647	ug/l	99
67) Ethyl Benzene	11.599	91	2203	1.516	ug/l	99
68) m/p-Xylenes	11.703	106	4236	7.275	ug/l	95
69) o-Xylene	12.032	106	2275	4.126	ug/l	91
78) n-propylbenzene	12.672	91	1744	1.399	ug/l	96
80) 1,3,5-Trimethylbenzene	12.818	105	2606	2.979	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	10875	12.575	ug/l	94

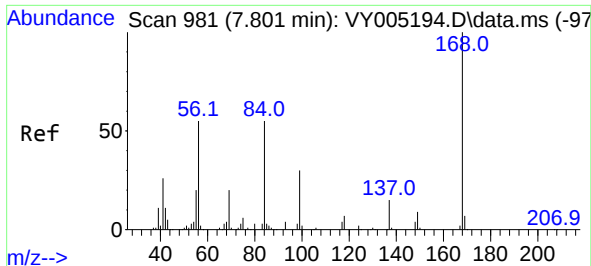
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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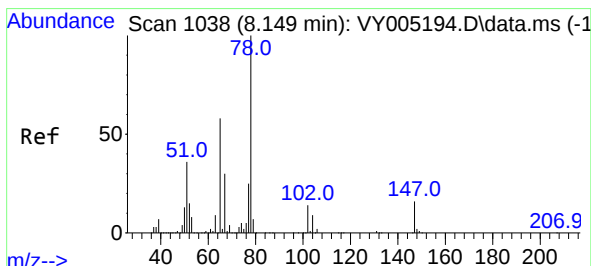
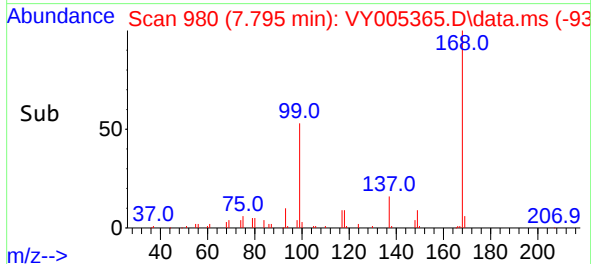
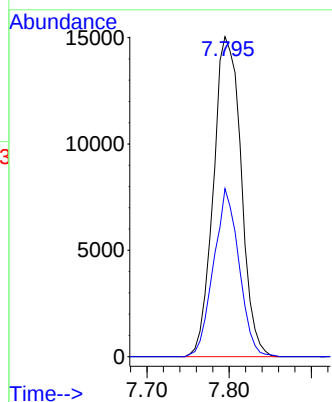
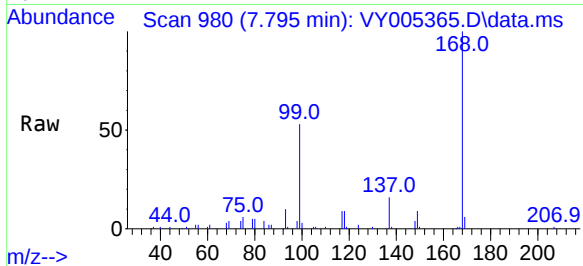




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005365.D
Acq: 07 Jul 2021 14:51

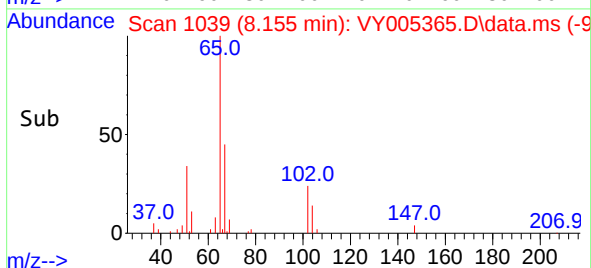
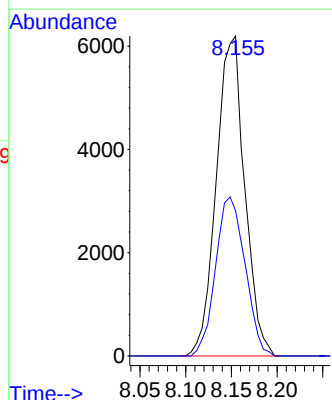
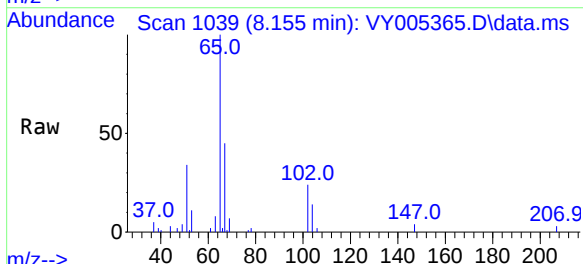
Instrument :
MSVOA_Y
ClientSampleId :
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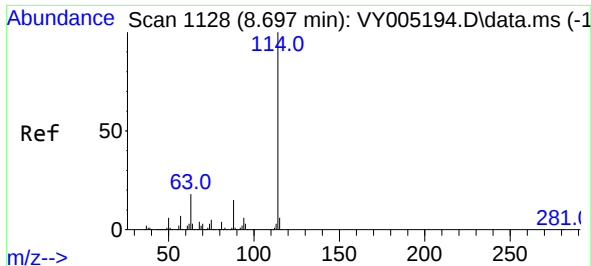
Tgt Ion:168 Resp: 35135
Ion Ratio Lower Upper
168 100
99 52.5 36.2 54.4



#33
1,2-Dichloroethane-d4
Concen: 45.951 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY005365.D
Acq: 07 Jul 2021 14:51

Tgt Ion: 65 Resp: 13398
Ion Ratio Lower Upper
65 100
67 51.5 0.0 110.6

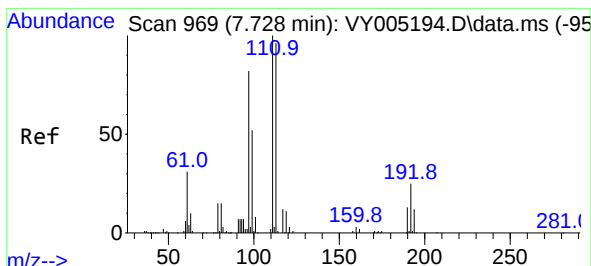
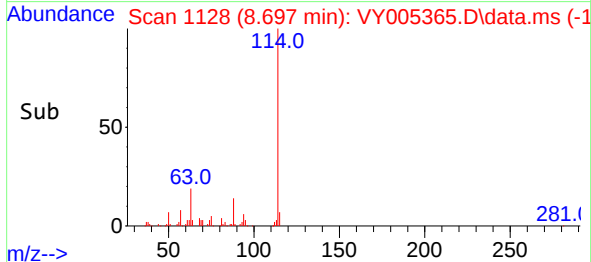
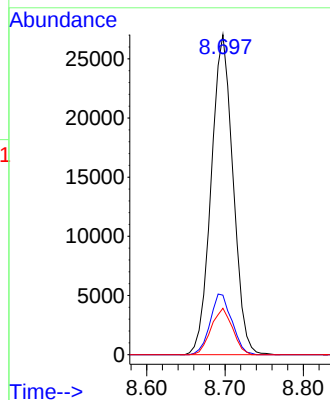
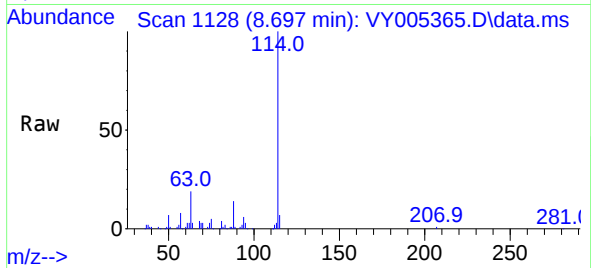




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005365.D
Acq: 07 Jul 2021 14:51

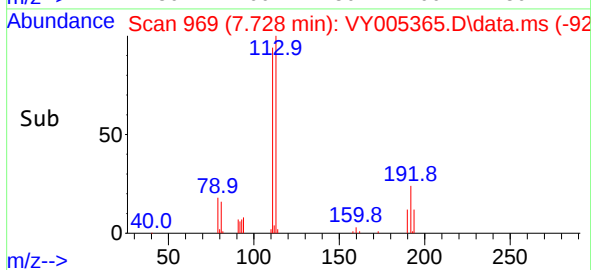
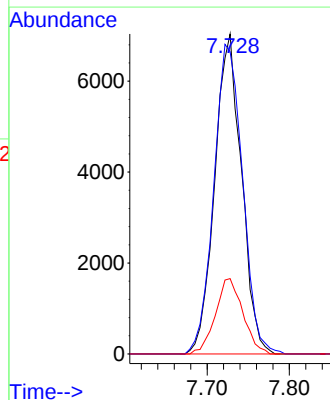
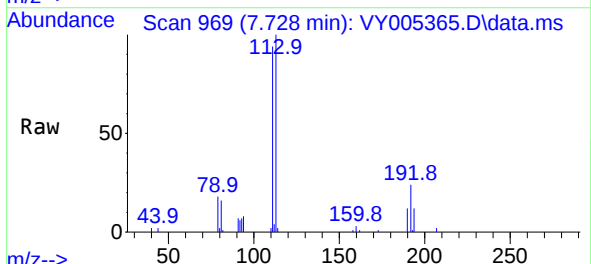
Instrument :
MSVOA_Y
ClientSampled :
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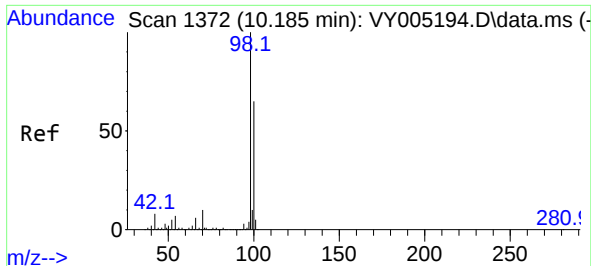
Tgt Ion:	114	Resp:	52351
Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	35.2
88	14.5	0.0	29.4



#35
Dibromofluoromethane
Concen: 51.567 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005365.D
Acq: 07 Jul 2021 14:51

Tgt Ion:	113	Resp:	15921
Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.6	124.0
192	24.2	20.2	30.2

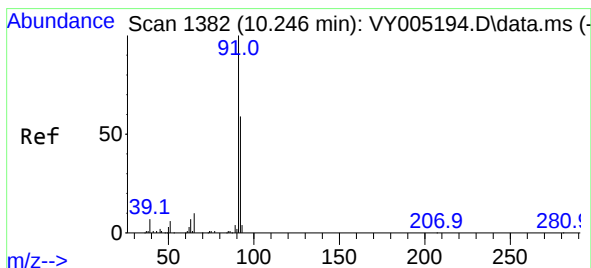
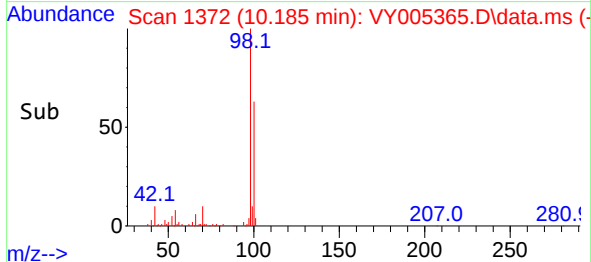
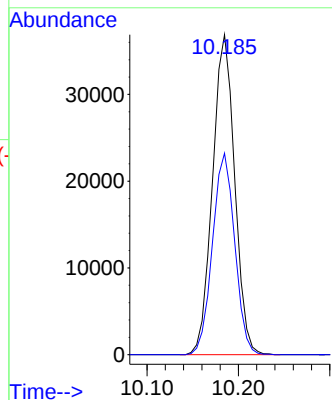
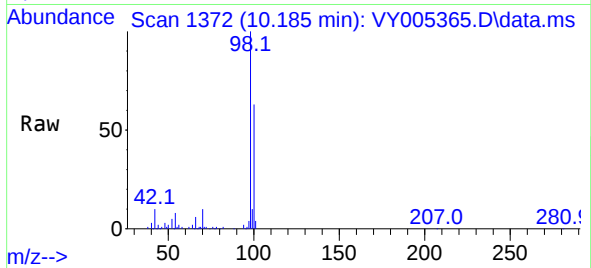




#50
Toluene-d8
Concen: 50.251 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005365.D
Acq: 07 Jul 2021 14:51

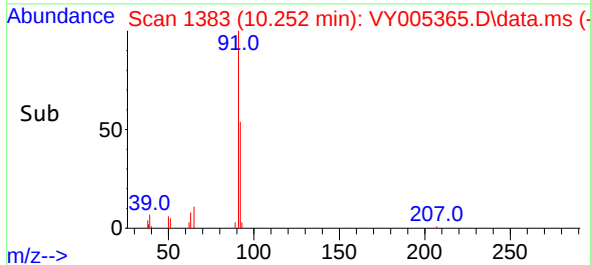
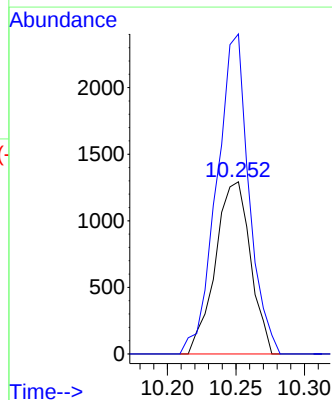
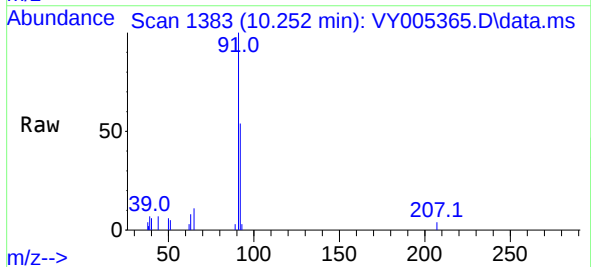
Instrument :
MSVOA_Y
ClientSampled :
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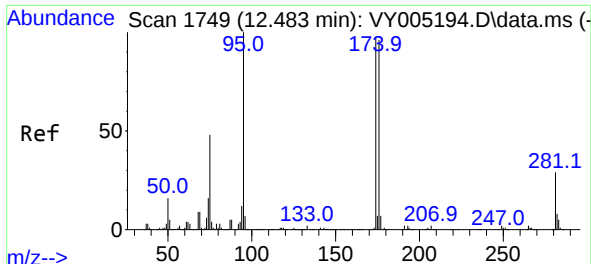
Tgt Ion: 98 Resp: 62045
Ion Ratio Lower Upper
98 100
100 63.3 51.9 77.9



#52
Toluene
Concen: 2.647 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY005365.D
Acq: 07 Jul 2021 14:51

Tgt Ion: 92 Resp: 2300
Ion Ratio Lower Upper
92 100
91 170.9 138.3 207.5

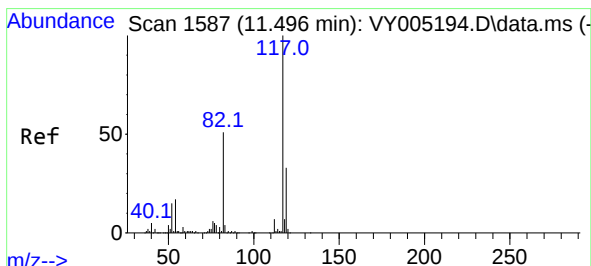
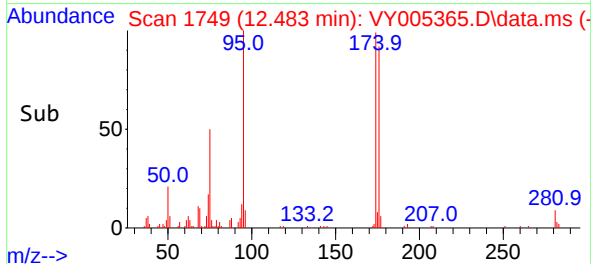
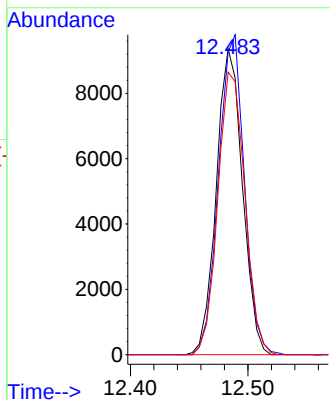
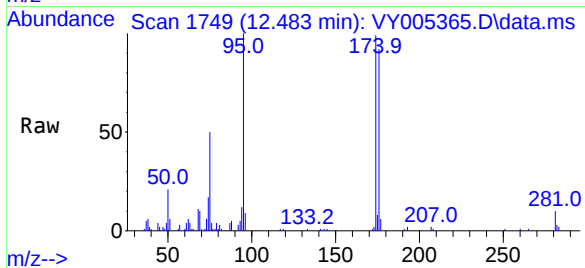




#62
4-Bromofluorobenzene
Concen: 35.257 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005365.D
Acq: 07 Jul 2021 14:51

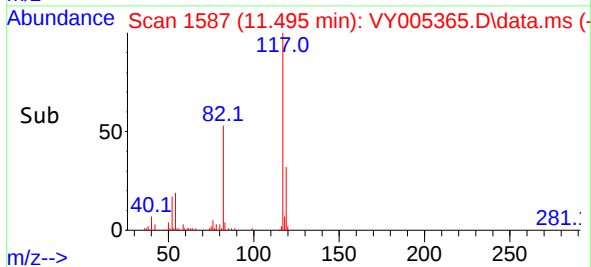
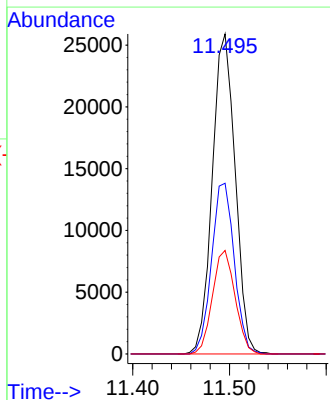
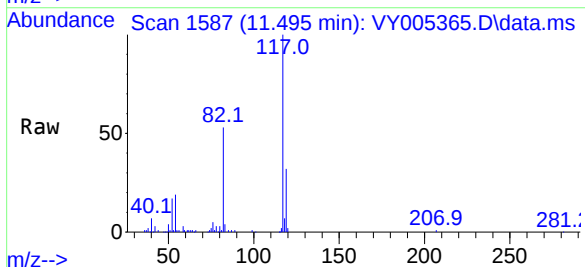
Instrument :
MSVOA_Y
ClientSampleId :
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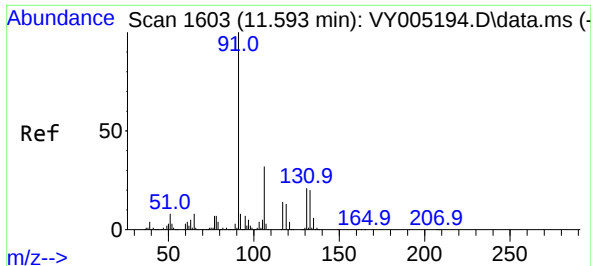
Tgt Ion:	95	Resp:	14506
Ion	Ratio	Lower	Upper
95	100		
174	103.2	0.0	201.6
176	95.4	0.0	197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005365.D
Acq: 07 Jul 2021 14:51

Tgt Ion:	117	Resp:	42524
Ion	Ratio	Lower	Upper
117	100		
82	53.3	40.6	60.8
119	32.4	26.1	39.1

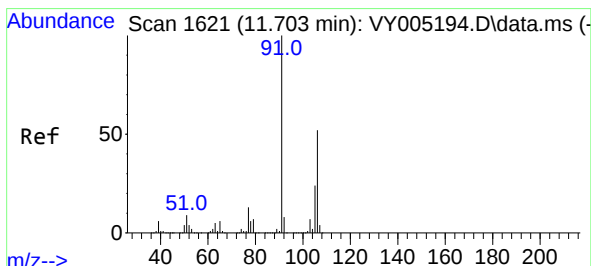
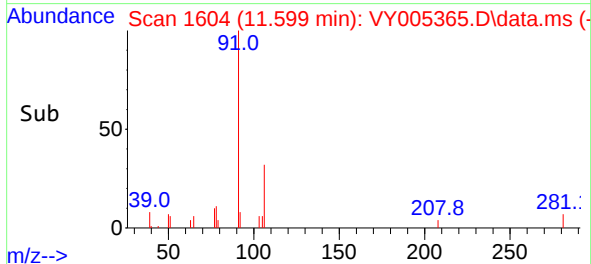
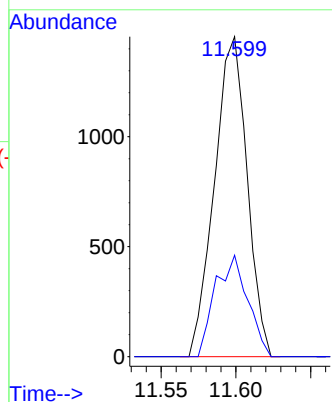
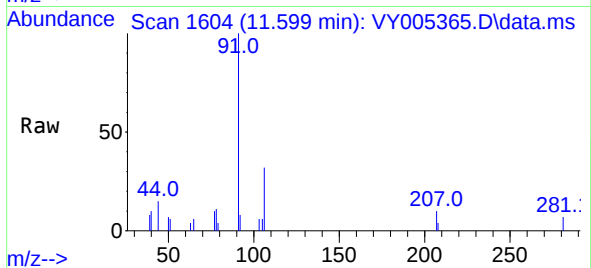




#67
Ethyl Benzene
Concen: 1.516 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY005365.D
Acq: 07 Jul 2021 14:51

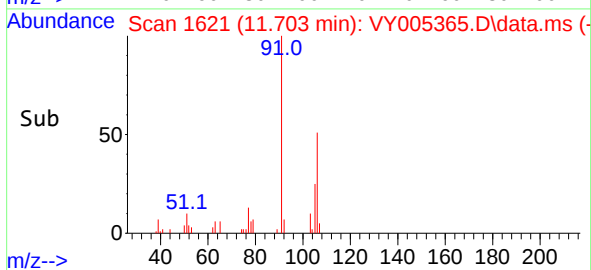
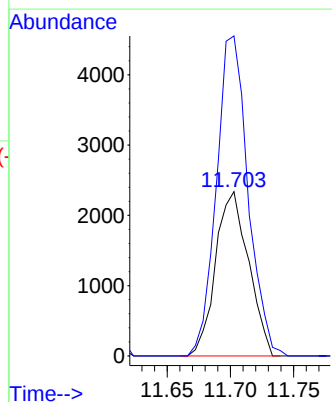
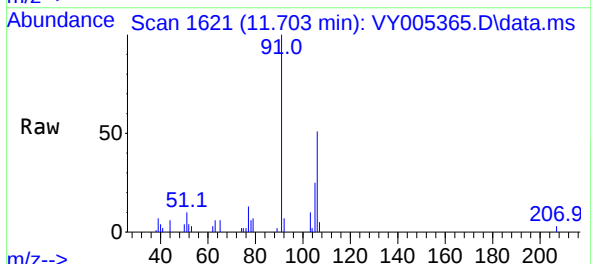
Instrument :
MSVOA_Y
ClientSampled :
2

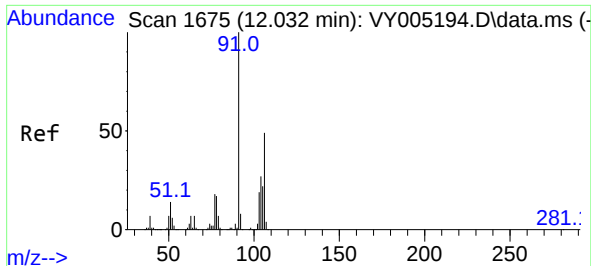
Tgt Ion: 91 Resp: 2203
Ion Ratio Lower Upper
91 100
106 31.7 25.8 38.6



#68
m/p-Xylenes
Concen: 7.275 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY005365.D
Acq: 07 Jul 2021 14:51

Tgt Ion:106 Resp: 4236
Ion Ratio Lower Upper
106 100
91 186.8 154.8 232.2

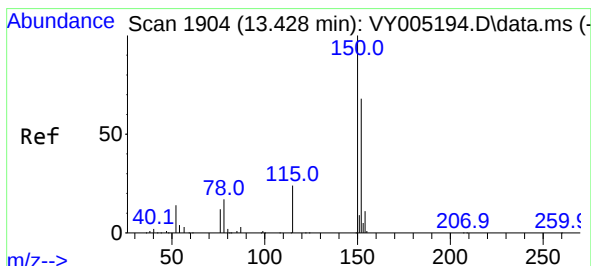
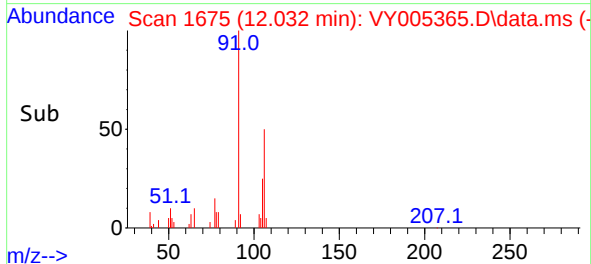
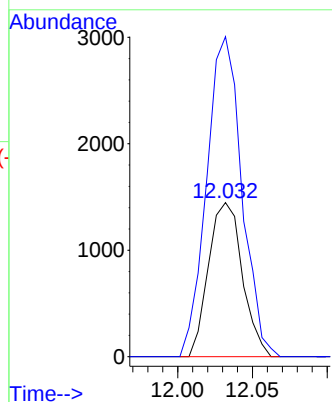
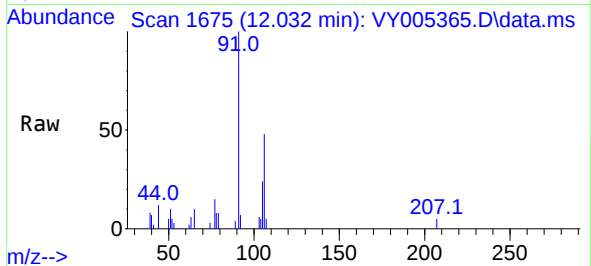




#69
o-Xylene
Concen: 4.126 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY005365.D
Acq: 07 Jul 2021 14:51

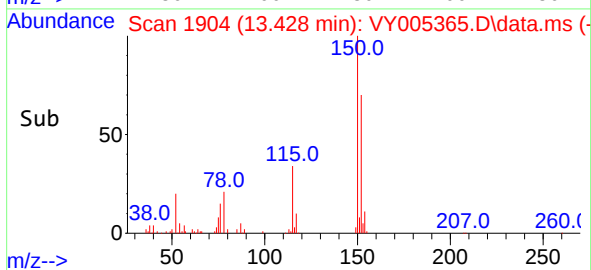
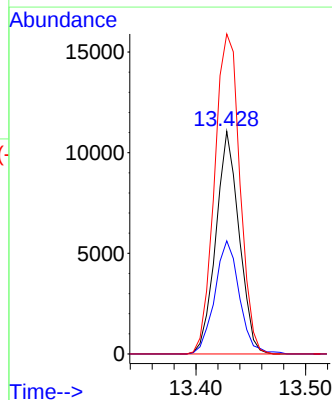
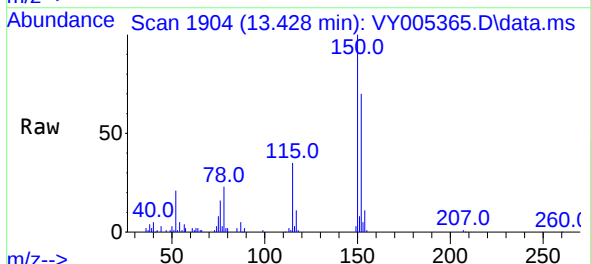
Instrument :
MSVOA_Y
ClientSampled :
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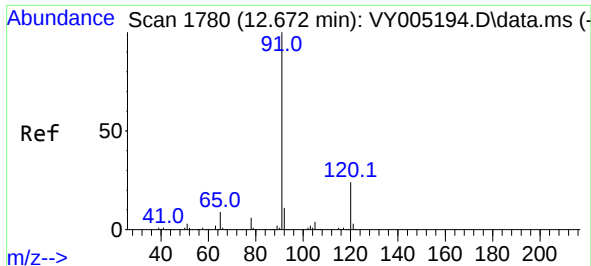
Tgt Ion:106 Resp: 2275
Ion Ratio Lower Upper
106 100
91 216.4 101.6 304.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005365.D
Acq: 07 Jul 2021 14:51

Tgt Ion:152 Resp: 16303
Ion Ratio Lower Upper
152 100
115 53.9 26.3 78.8
150 156.9 0.0 344.2

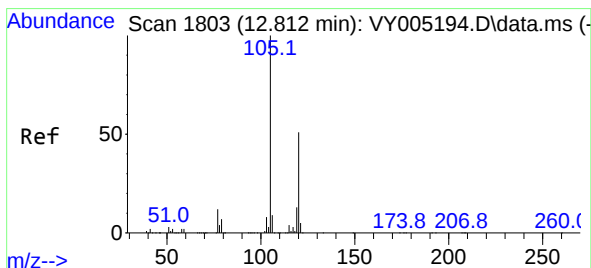
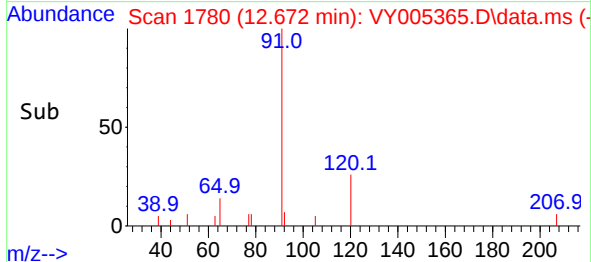
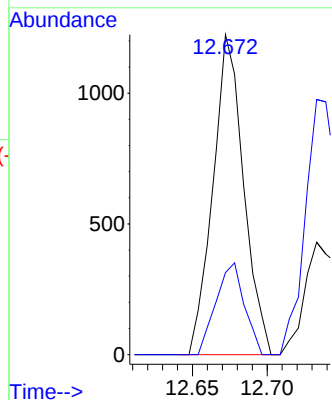
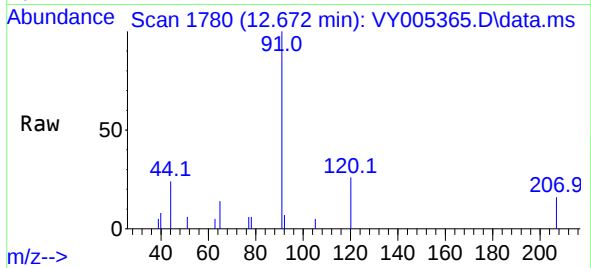




#78
n-propylbenzene
Concen: 1.399 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY005365.D
Acq: 07 Jul 2021 14:51

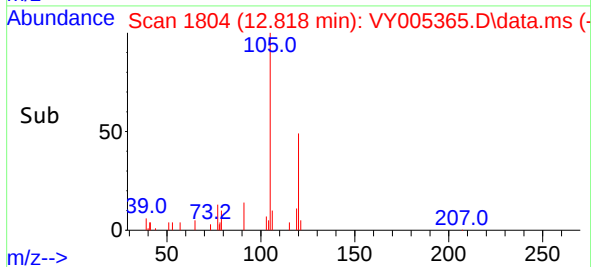
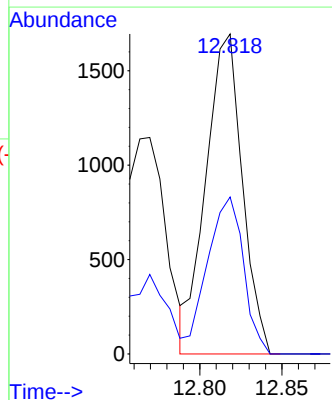
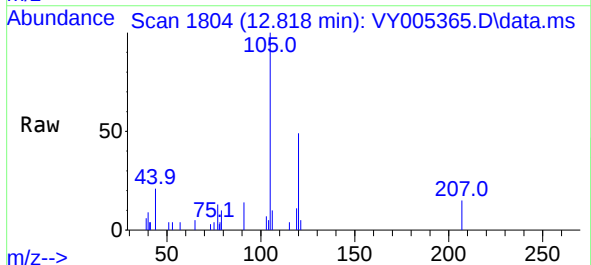
Instrument :
MSVOA_Y
ClientSampled :
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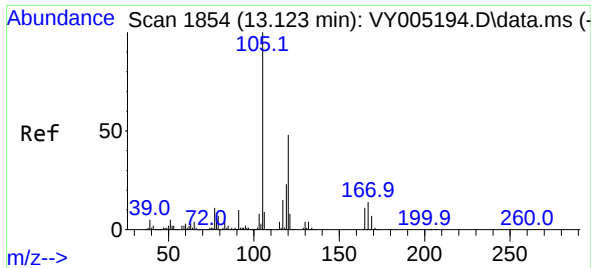
Tgt Ion: 91 Resp: 1744
Ion Ratio Lower Upper
91 100
120 26.5 12.4 37.0



#80
1,3,5-Trimethylbenzene
Concen: 2.979 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY005365.D
Acq: 07 Jul 2021 14:51

Tgt Ion: 105 Resp: 2606
Ion Ratio Lower Upper
105 100
120 48.7 25.9 77.7





#84
 1,2,4-Trimethylbenzene
 Concen: 12.575 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. -0.000 min
 Lab File: VY005365.D
 Acq: 07 Jul 2021 14:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 2

Tgt Ion:105 Resp: 10875
 Ion Ratio Lower Upper
 105 100
 120 43.3 23.6 71.0

