

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070221\
 Data File : VY005341.D
 Acq On : 02 Jul 2021 14:45
 Operator : SY/MD
 Sample : M2933-01
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1

Quant Time: Jul 05 01:05:17 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)

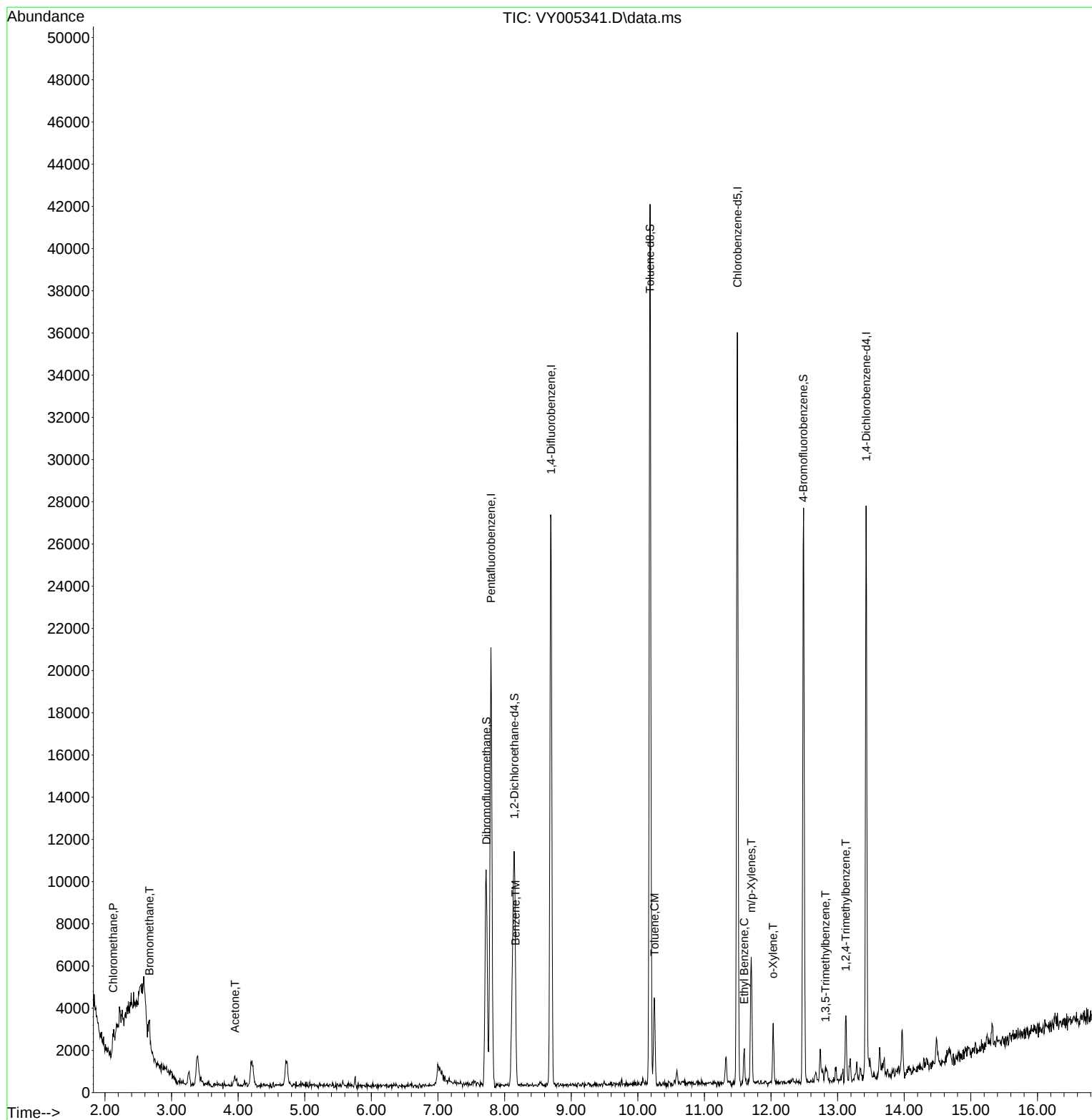
Internal Standards						
1) Pentafluorobenzene	7.795	168	17272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	24155	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	20005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7055	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	7195	50.198	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.400%	
35) Dibromofluoromethane	7.728	113	7350	51.595	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.200%	
50) Toluene-d8	10.185	98	27759	48.726	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.460%	
62) 4-Bromofluorobenzene	12.483	95	6585	34.688	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 69.380%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.125	50	334	2.208	ug/l	96
5) Bromomethane	2.668	94	499	4.549	ug/l	99
16) Acetone	3.954	43	792	23.919	ug/l #	80
40) Benzene	8.167	78	795	1.268	ug/l	97
52) Toluene	10.252	92	1972	4.919	ug/l	97
67) Ethyl Benzene	11.599	91	1315	1.923	ug/l #	78
68) m/p-Xylenes	11.703	106	1918	7.002	ug/l	99
69) o-Xylene	12.032	106	709	2.733	ug/l	84
80) 1,3,5-Trimethylbenzene	12.818	105	490	1.294	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	1919	5.128	ug/l	94

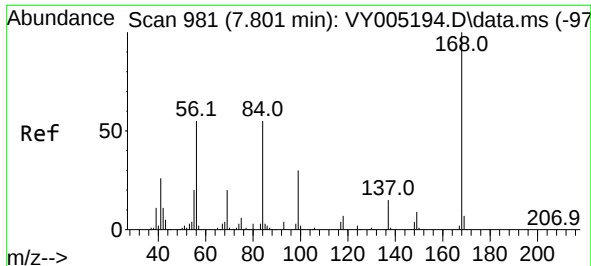
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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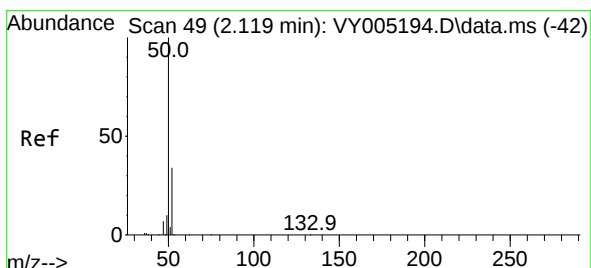
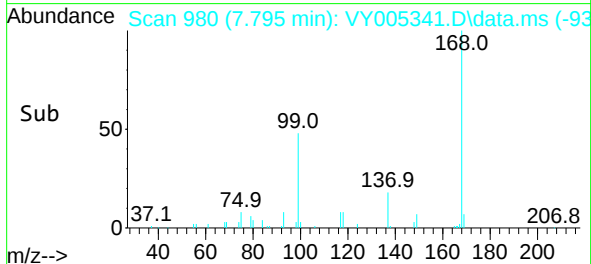
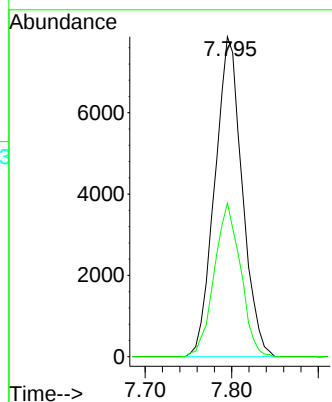
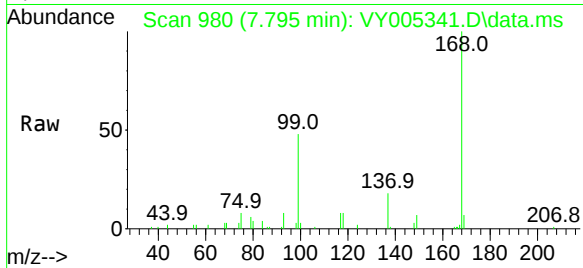




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005341.D
Acq: 02 Jul 2021 14:45

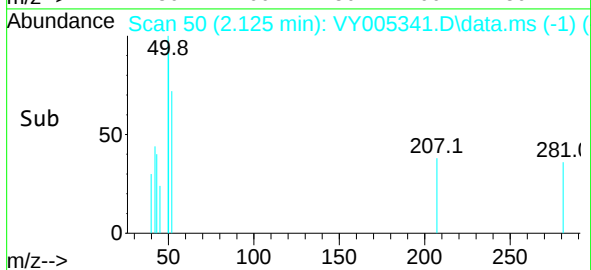
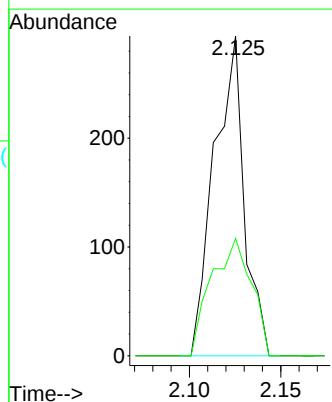
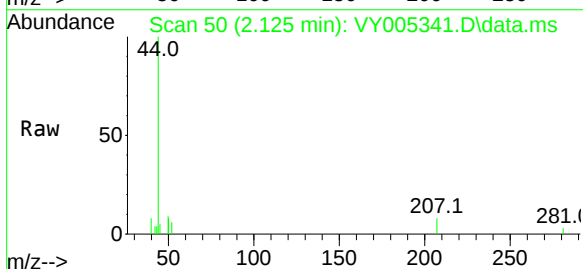
Instrument :
MSVOA_Y
ClientSampleId :
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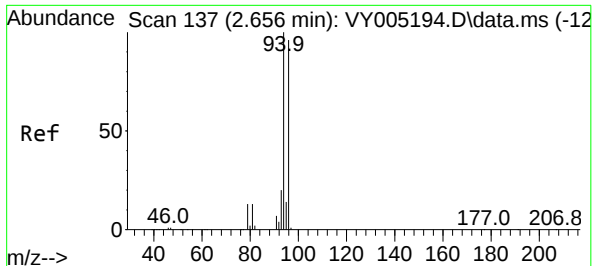
Tgt Ion:168 Resp: 17272
Ion Ratio Lower Upper
168 100
99 48.0 36.2 54.4



#3
Chloromethane
Concen: 2.208 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY005341.D
Acq: 02 Jul 2021 14:45

Tgt Ion: 50 Resp: 334
Ion Ratio Lower Upper
50 100
52 36.7 27.4 41.2

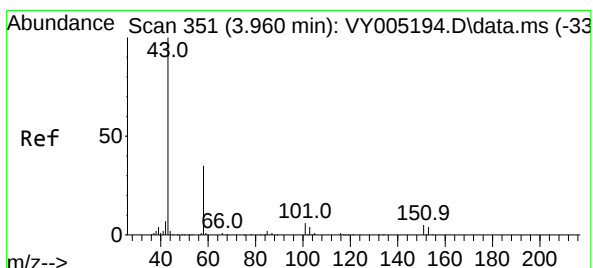
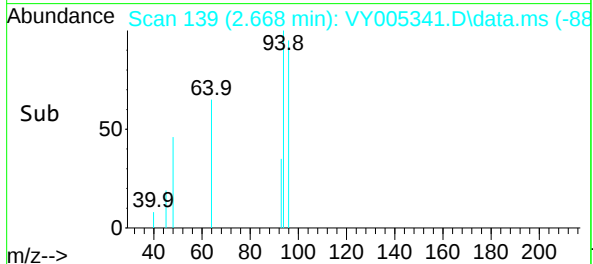
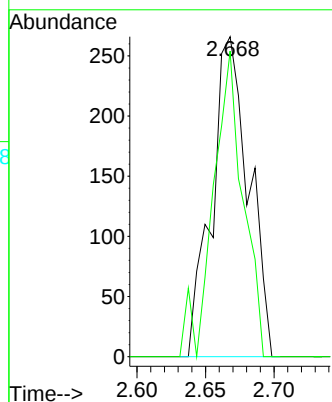
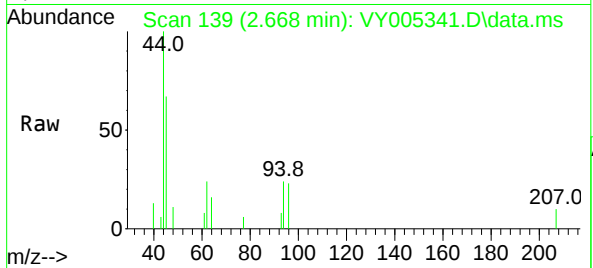




#5
Bromomethane
Concen: 4.549 ug/l
RT: 2.668 min Scan# 139
Delta R.T. 0.012 min
Lab File: VY005341.D
Acq: 02 Jul 2021 14:45

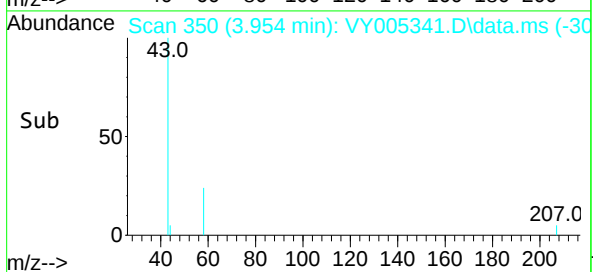
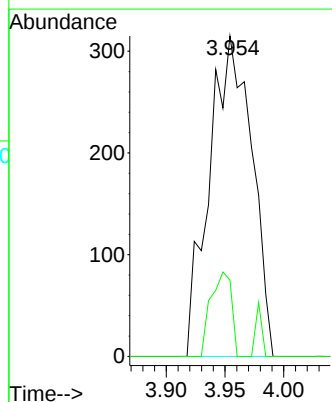
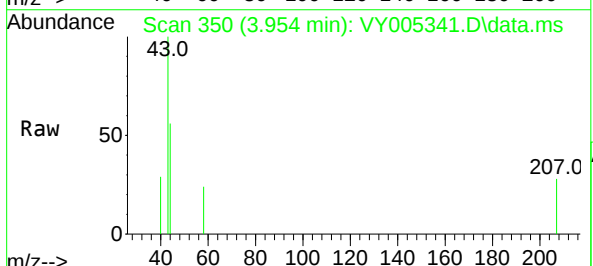
Instrument :
MSVOA_Y
ClientSampled :
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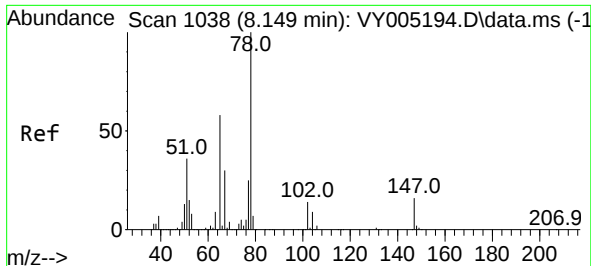
Tgt Ion: 94 Resp: 499
Ion Ratio Lower Upper
94 100
96 95.5 76.9 115.3



#16
Acetone
Concen: 23.919 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005341.D
Acq: 02 Jul 2021 14:45

Tgt Ion: 43 Resp: 792
Ion Ratio Lower Upper
43 100
58 23.8 28.2 42.2#

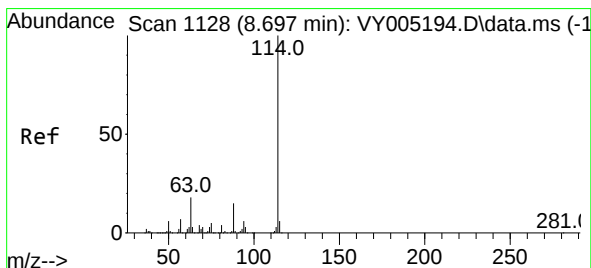
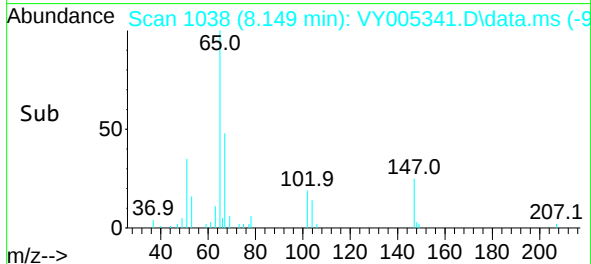
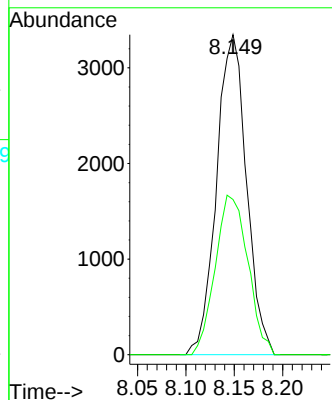
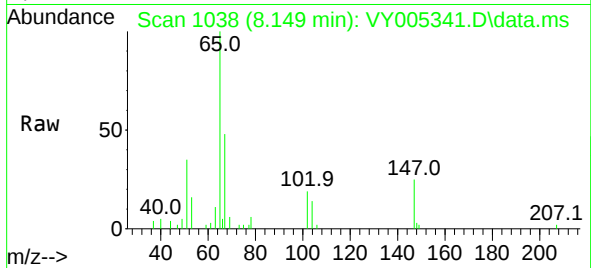




#33
1,2-Dichloroethane-d4
Concen: 50.198 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005341.D
Acq: 02 Jul 2021 14:45

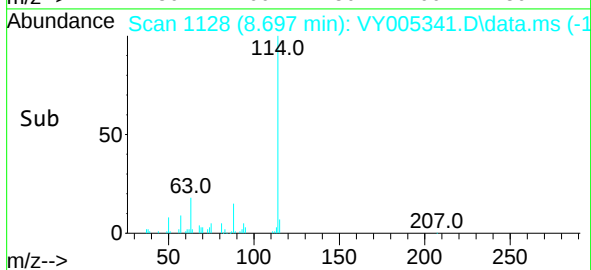
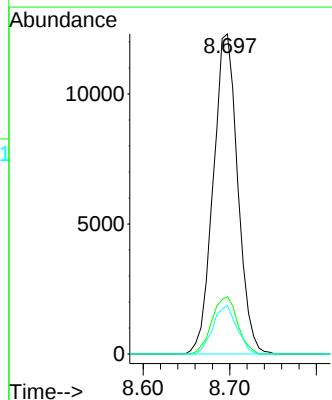
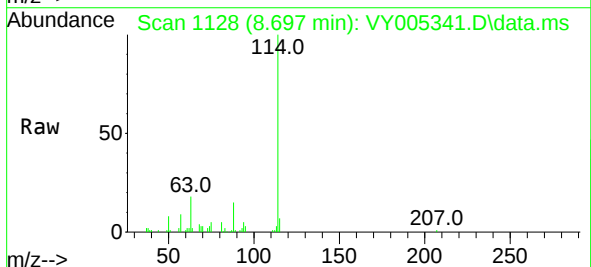
Instrument :
MSVOA_Y
ClientSampled :
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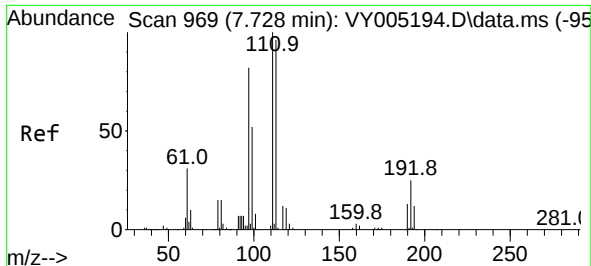
Tgt Ion: 65 Resp: 7195
Ion Ratio Lower Upper
65 100
67 54.3 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005341.D
Acq: 02 Jul 2021 14:45

Tgt Ion: 114 Resp: 24155
Ion Ratio Lower Upper
114 100
63 17.9 0.0 35.2
88 15.1 0.0 29.4





#35

Dibromofluoromethane

Concen: 51.595 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY005341.D

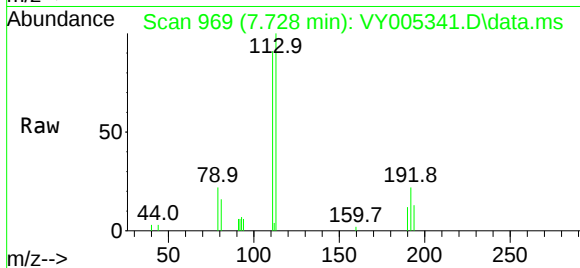
Acq: 02 Jul 2021 14:45

Instrument :

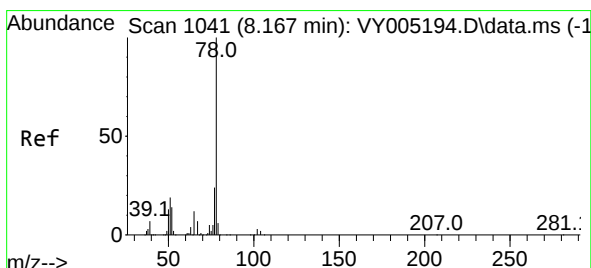
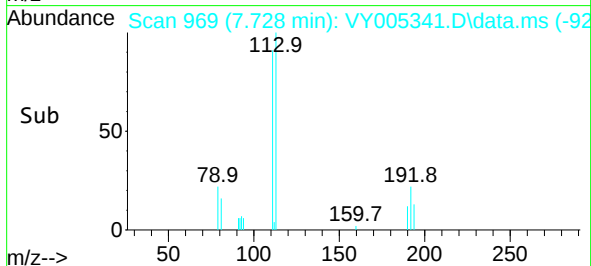
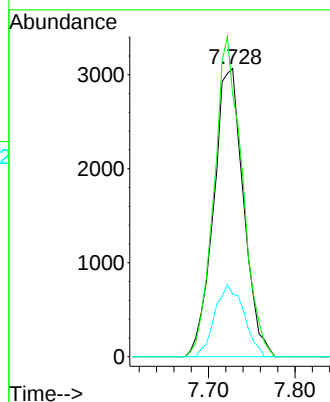
MSVOA_Y

ClientSampleId :

1



Tgt Ion:	113	Resp:	7350
Ion	Ratio	Lower	Upper
113	100		
111	104.6	82.6	124.0
192	24.2	20.2	30.2



#40

Benzene

Concen: 1.268 ug/l

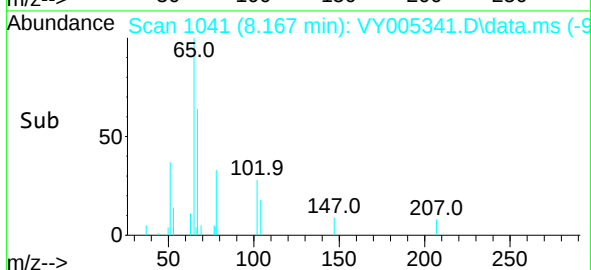
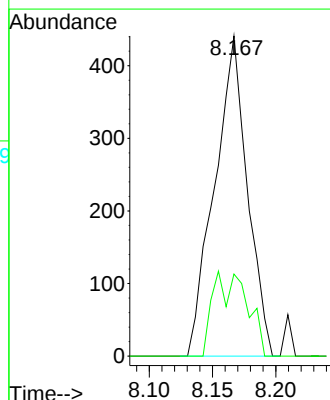
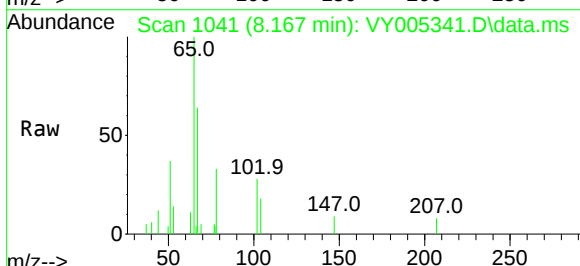
RT: 8.167 min Scan# 1041

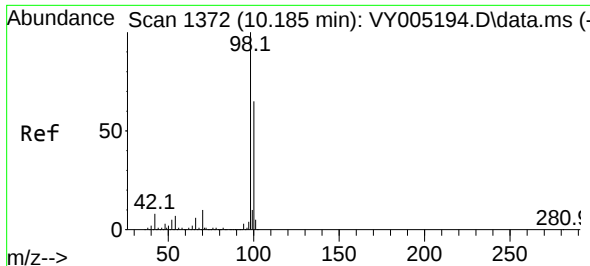
Delta R.T. 0.000 min

Lab File: VY005341.D

Acq: 02 Jul 2021 14:45

Tgt Ion:	78	Resp:	795
Ion	Ratio	Lower	Upper
78	100		
77	25.6	19.1	28.7

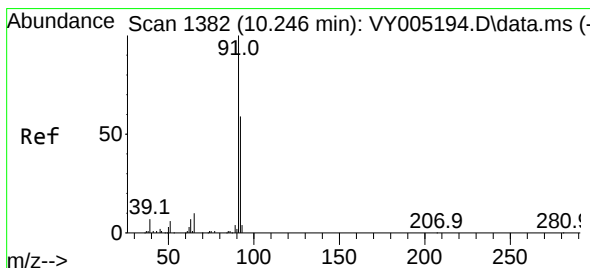
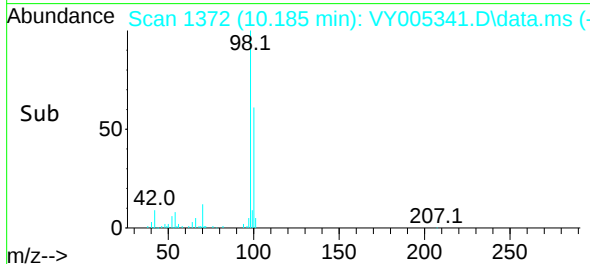
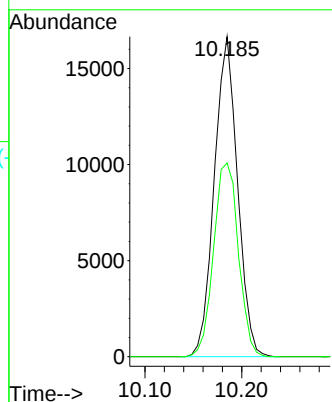
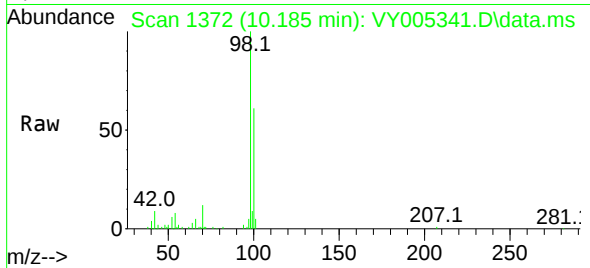




#50
Toluene-d8
Concen: 48.726 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005341.D
Acq: 02 Jul 2021 14:45

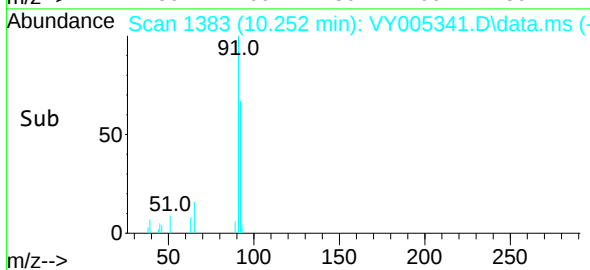
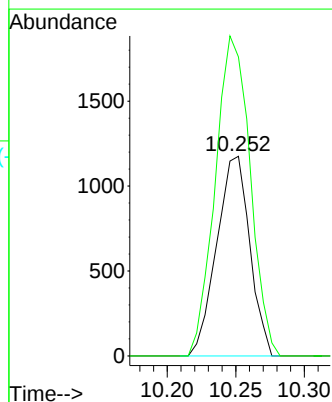
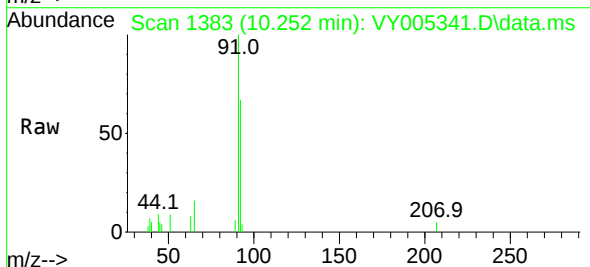
Instrument :
MSVOA_Y
ClientSampled :
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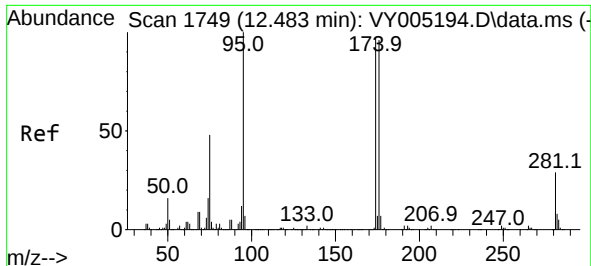
Tgt Ion: 98 Resp: 27759
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



#52
Toluene
Concen: 4.919 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY005341.D
Acq: 02 Jul 2021 14:45

Tgt Ion: 92 Resp: 1972
Ion Ratio Lower Upper
92 100
91 169.1 138.3 207.5

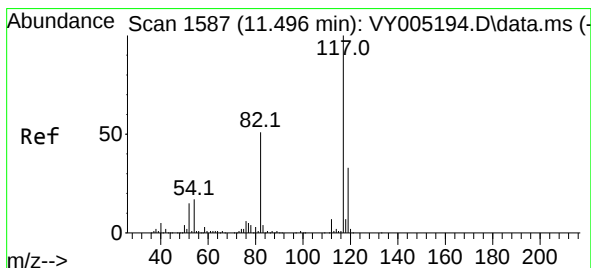
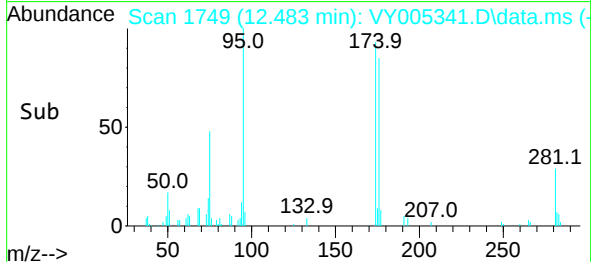
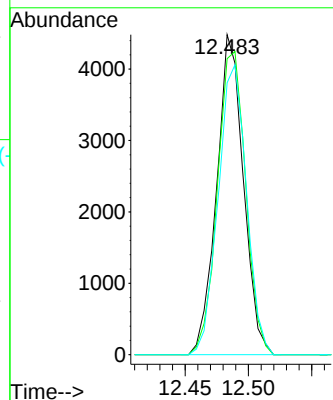
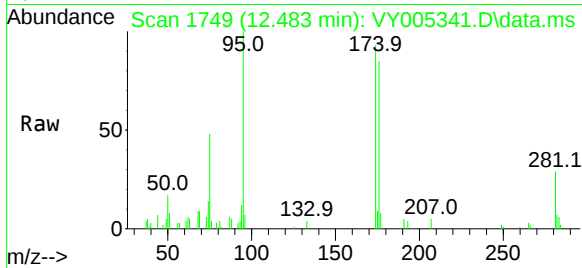




#62
4-Bromofluorobenzene
Concen: 34.688 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005341.D
Acq: 02 Jul 2021 14:45

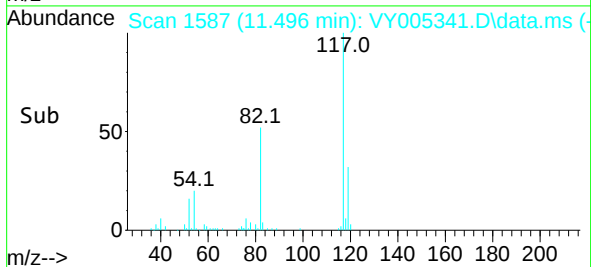
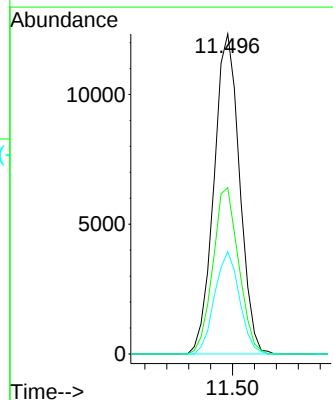
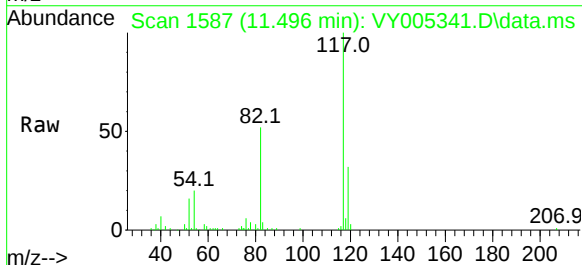
Instrument :
MSVOA_Y
ClientSampleId :
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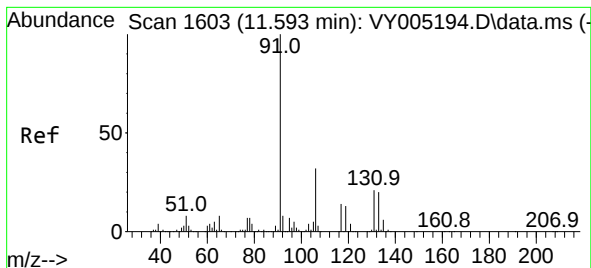
Tgt Ion:	95	Resp:	6585
Ion	Ratio	Lower	Upper
95	100		
174	100.0	0.0	201.6
176	95.8	0.0	197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005341.D
Acq: 02 Jul 2021 14:45

Tgt Ion:	117	Resp:	20005
Ion	Ratio	Lower	Upper
117	100		
82	52.0	40.6	60.8
119	32.0	26.1	39.1

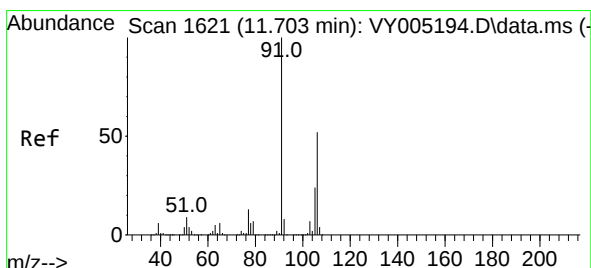
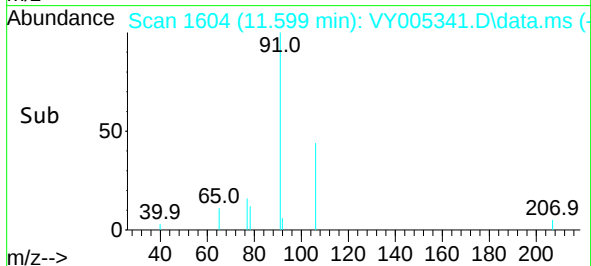
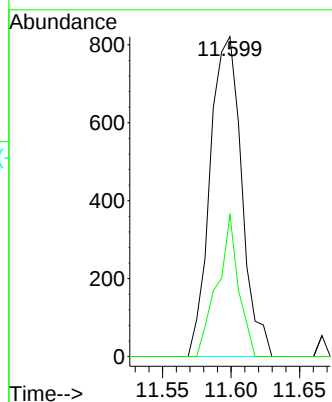
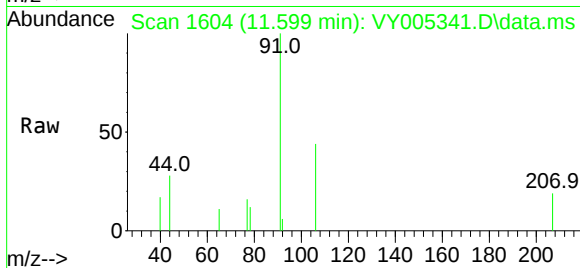




#67
Ethyl Benzene
Concen: 1.923 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY005341.D
Acq: 02 Jul 2021 14:45

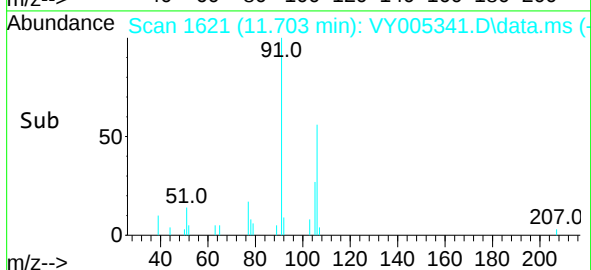
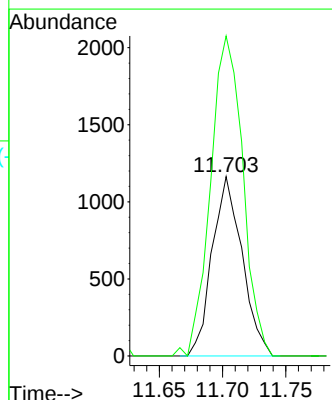
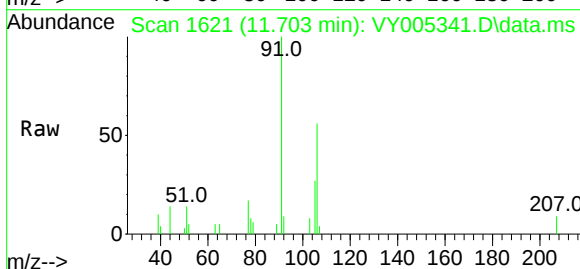
Instrument :
MSVOA_Y
ClientSampled :
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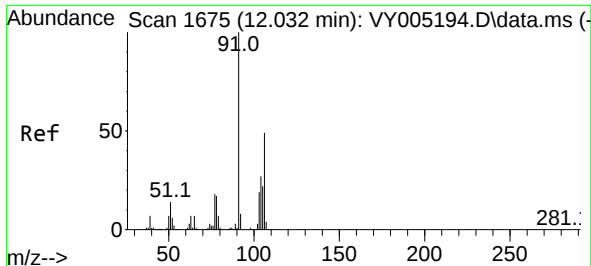
Tgt Ion: 91 Resp: 1315
Ion Ratio Lower Upper
91 100
106 44.3 25.8 38.6#



#68
m/p-Xylenes
Concen: 7.002 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY005341.D
Acq: 02 Jul 2021 14:45

Tgt Ion: 106 Resp: 1918
Ion Ratio Lower Upper
106 100
91 192.4 154.8 232.2

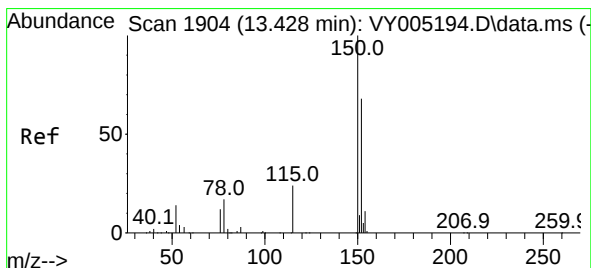
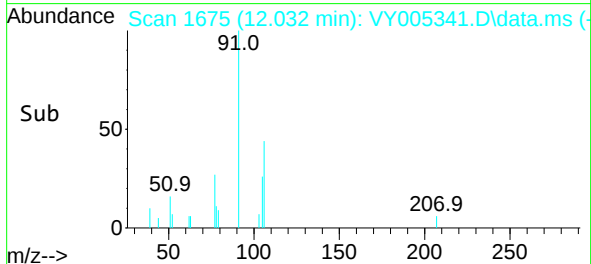
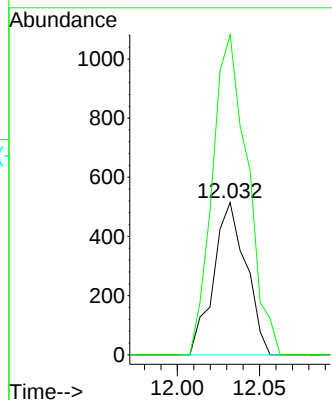
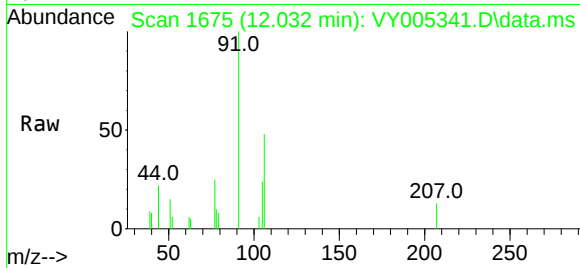




#69
o-Xylene
Concen: 2.733 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY005341.D
Acq: 02 Jul 2021 14:45

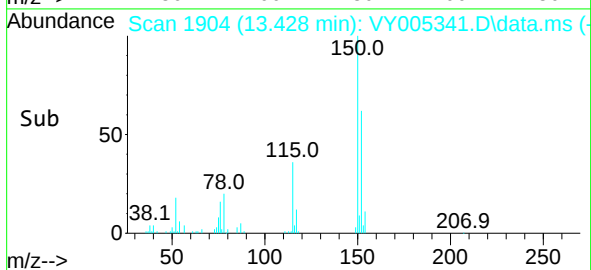
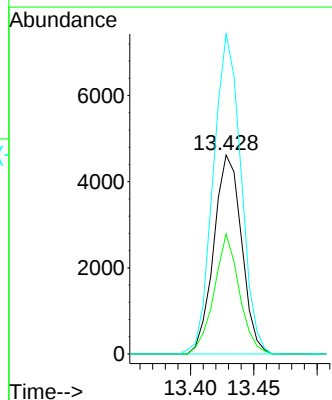
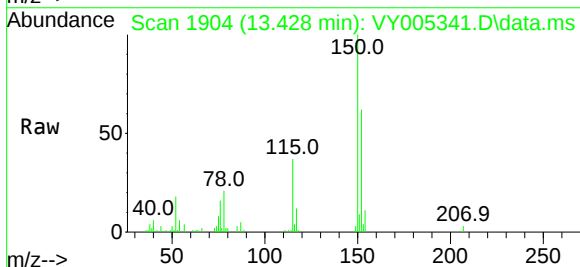
Instrument :
MSVOA_Y
ClientSampled :
1

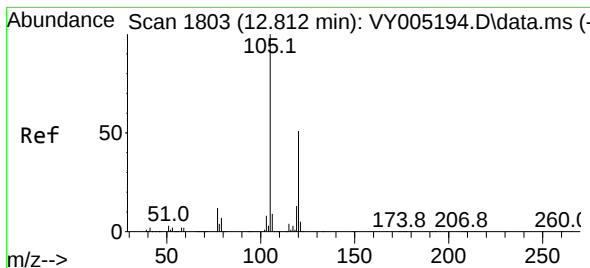
Tgt Ion:106 Resp: 709
Ion Ratio Lower Upper
106 100
91 227.2 101.6 304.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005341.D
Acq: 02 Jul 2021 14:45

Tgt Ion:152 Resp: 7055
Ion Ratio Lower Upper
152 100
115 54.6 26.3 78.8
150 160.3 0.0 344.2





#80

1,3,5-Trimethylbenzene

Concen: 1.294 ug/l

RT: 12.818 min Scan# 1804

Delta R.T. 0.006 min

Lab File: VY005341.D

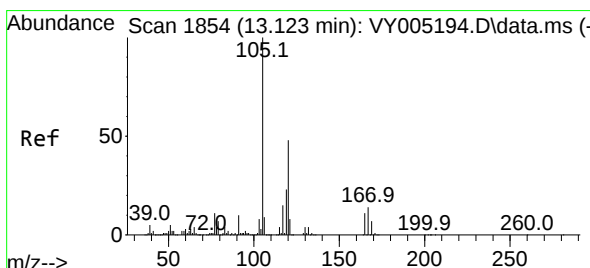
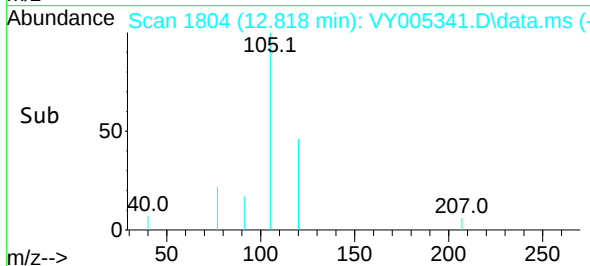
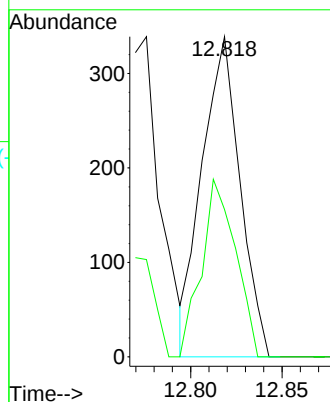
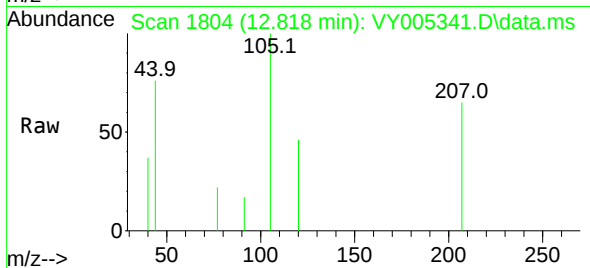
Acq: 02 Jul 2021 14:45

Tgt Ion:105 Resp: 490

Ion Ratio Lower Upper

105 100

120 49.8 25.9 77.7



#84

1,2,4-Trimethylbenzene

Concen: 5.128 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY005341.D

Acq: 02 Jul 2021 14:45

Tgt Ion:105 Resp: 1919

Ion Ratio Lower Upper

105 100

120 51.5 23.6 71.0

