

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070221\
 Data File : VY005342.D
 Acq On : 02 Jul 2021 15:08
 Operator : SY/MD
 Sample : M2933-02
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 2

Quant Time: Jul 05 01:05:35 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)

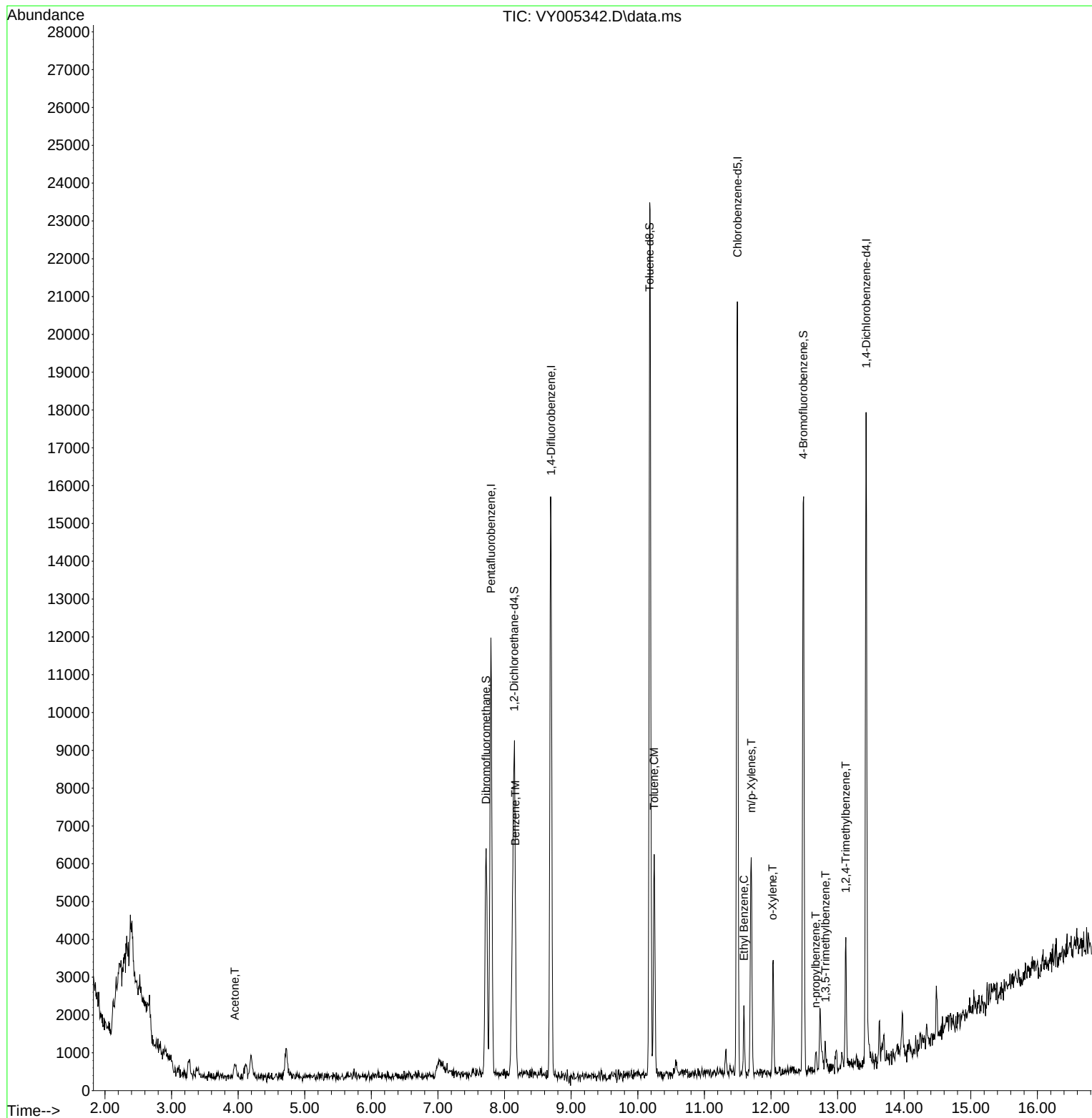
Internal Standards						
1) Pentafluorobenzene	7.795	168	10042	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	13903	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	11725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4829	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	5483	65.795	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.600%
35) Dibromofluoromethane	7.722	113	4317	52.650	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.300%
50) Toluene-d8	10.179	98	15656	47.746	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.500%
62) 4-Bromofluorobenzene	12.483	95	4312	39.464	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.920%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	728	37.816	ug/l	92
40) Benzene	8.161	78	1124	3.114	ug/l	98
52) Toluene	10.246	92	2542	11.017	ug/l	93
67) Ethyl Benzene	11.593	91	1254	3.129	ug/l #	78
68) m/p-Xylenes	11.703	106	2069	12.887	ug/l	86
69) o-Xylene	12.026	106	826	5.433	ug/l	91
78) n-propylbenzene	12.672	91	487	1.319	ug/l	93
80) 1,3,5-Trimethylbenzene	12.819	105	452	1.744	ug/l	86
84) 1,2,4-Trimethylbenzene	13.123	105	1907	7.444	ug/l	86

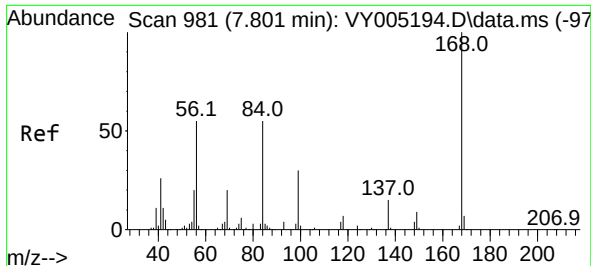
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070221\
Data File : VY005342.D
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Instrument :
MSVOA_Y
ClientSampleId :
2

Quant Time: Jul 05 01:05:35 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

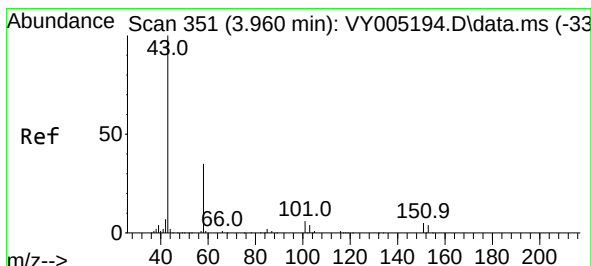
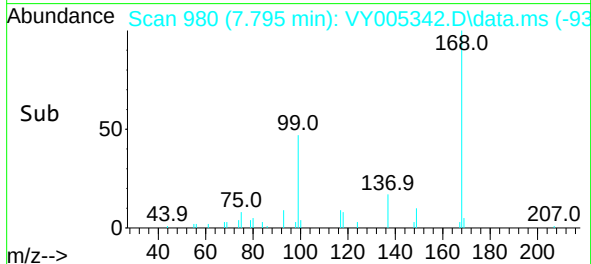
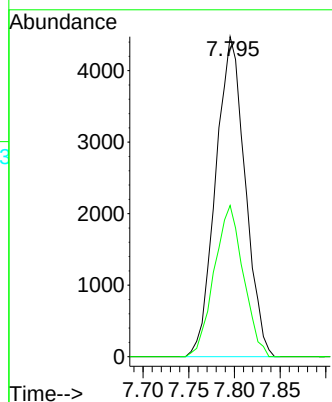
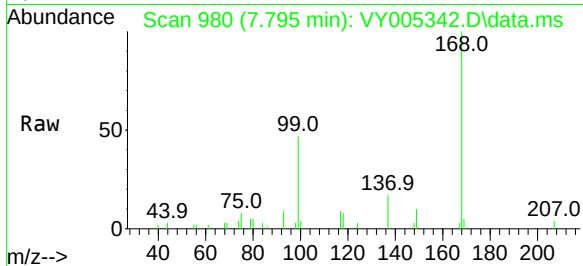




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005342.D
Acq: 02 Jul 2021 15:08

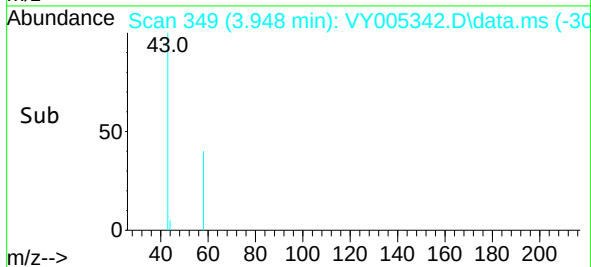
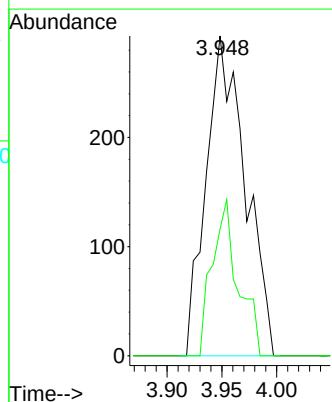
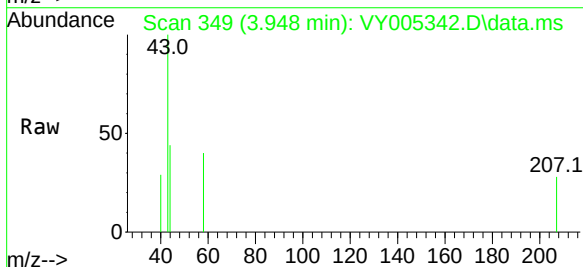
Instrument :
MSVOA_Y
ClientSampleId :
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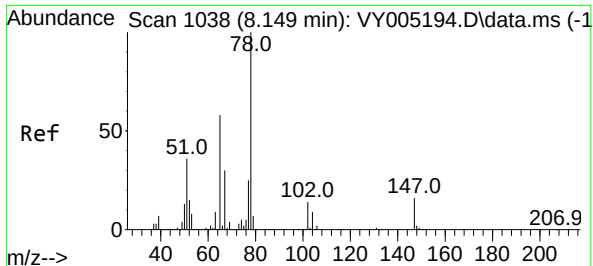
Tgt Ion:168 Resp: 10042
Ion Ratio Lower Upper
168 100
99 47.3 36.2 54.4



#16
Acetone
Concen: 37.816 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY005342.D
Acq: 02 Jul 2021 15:08

Tgt Ion: 43 Resp: 728
Ion Ratio Lower Upper
43 100
58 39.6 28.2 42.2

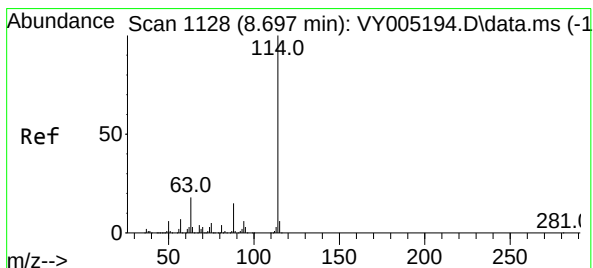
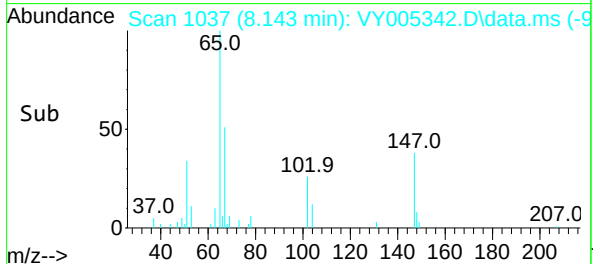
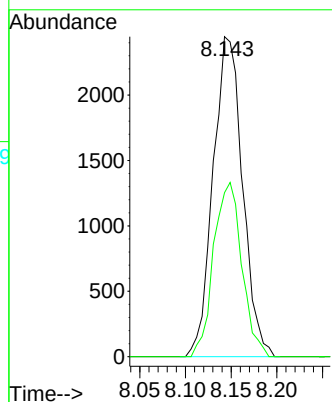
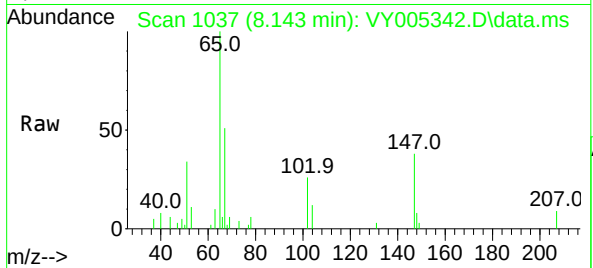




#33
1,2-Dichloroethane-d4
Concen: 65.795 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY005342.D
Acq: 02 Jul 2021 15:08

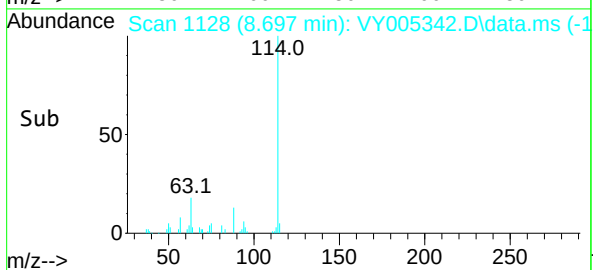
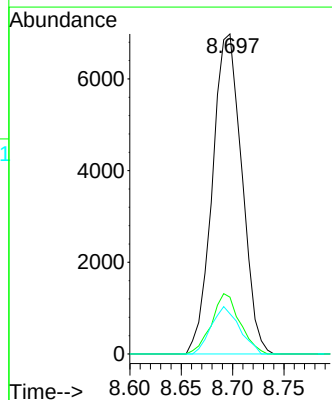
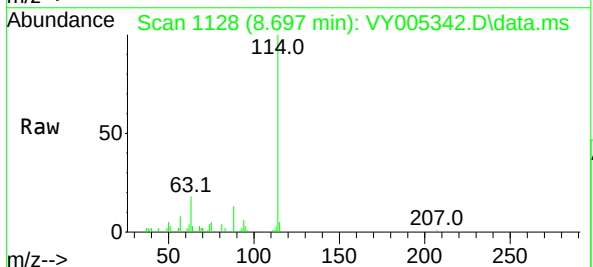
Instrument :
MSVOA_Y
ClientSampled :
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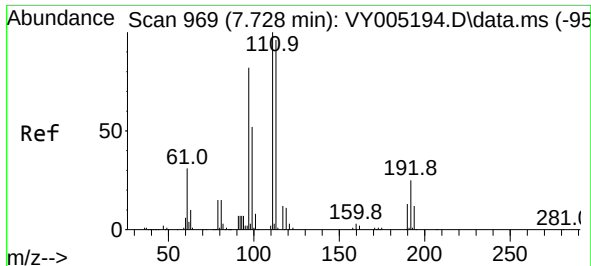
Tgt Ion: 65 Resp: 5483
Ion Ratio Lower Upper
65 100
67 52.1 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005342.D
Acq: 02 Jul 2021 15:08

Tgt Ion: 114 Resp: 13903
Ion Ratio Lower Upper
114 100
63 17.8 0.0 35.2
88 12.6 0.0 29.4

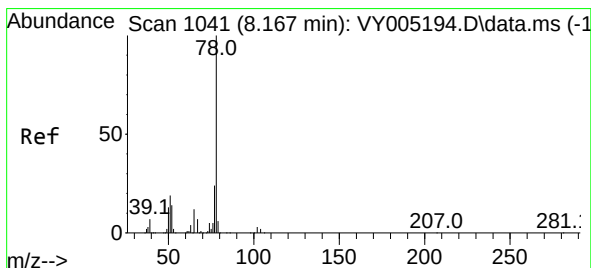
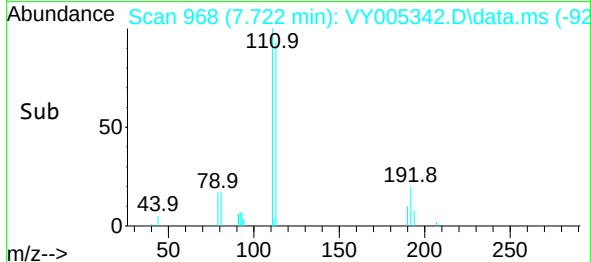
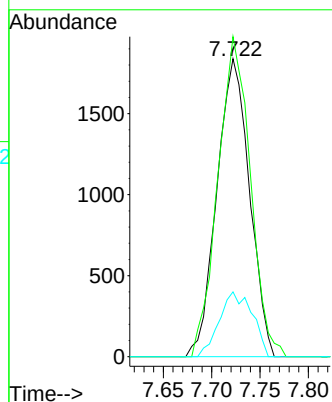
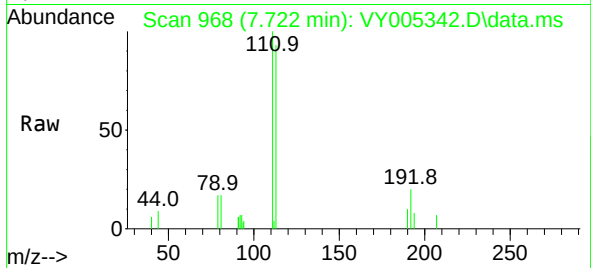




#35
Dibromofluoromethane
Concen: 52.650 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005342.D
Acq: 02 Jul 2021 15:08

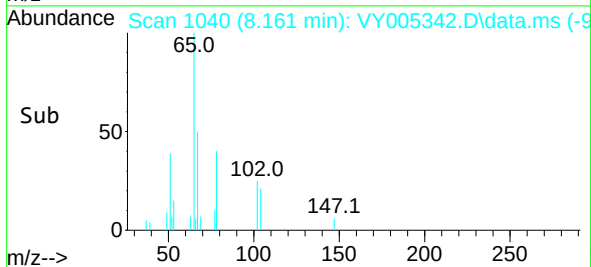
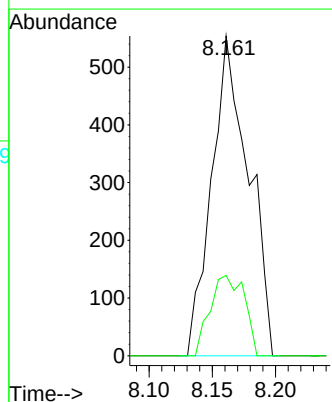
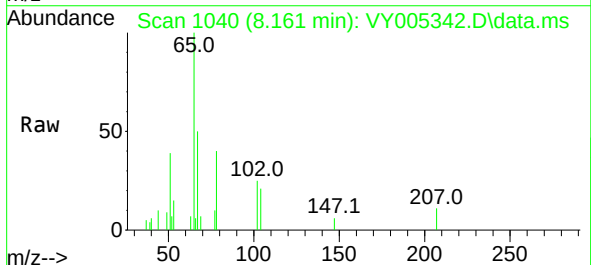
Instrument :
MSVOA_Y
ClientSampleId :
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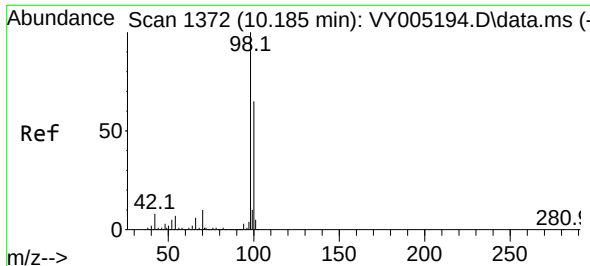
Tgt Ion:113 Resp: 4317
Ion Ratio Lower Upper
113 100
111 106.6 82.6 124.0
192 22.0 20.2 30.2



#40
Benzene
Concen: 3.114 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY005342.D
Acq: 02 Jul 2021 15:08

Tgt Ion: 78 Resp: 1124
Ion Ratio Lower Upper
78 100
77 25.1 19.1 28.7

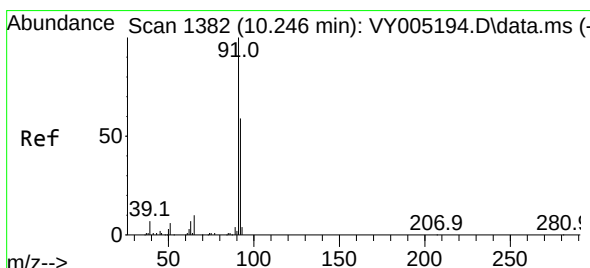
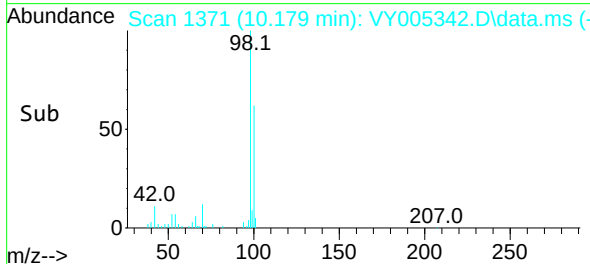
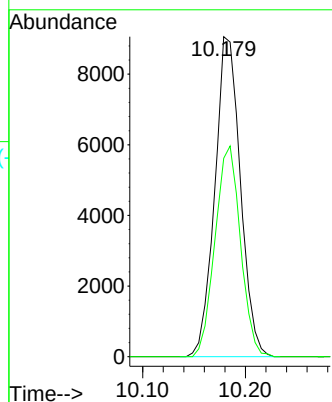
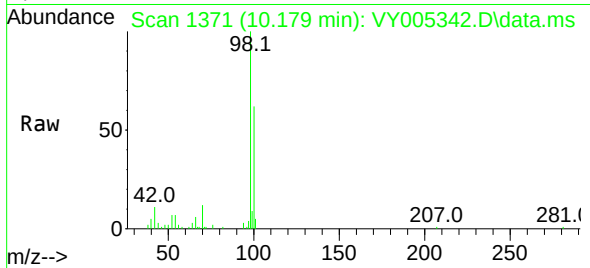




#50
Toluene-d8
Concen: 47.746 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY005342.D
Acq: 02 Jul 2021 15:08

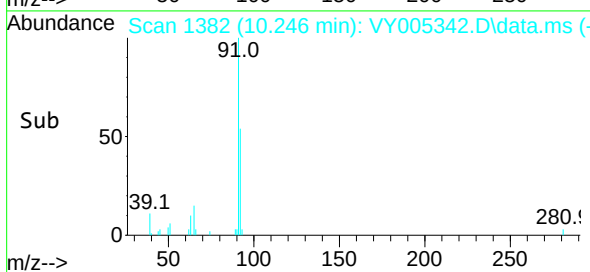
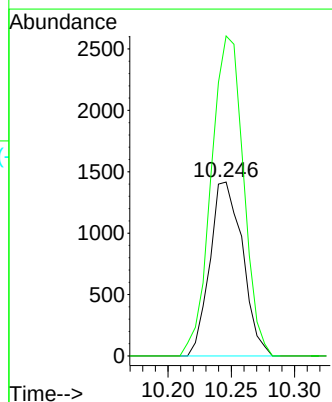
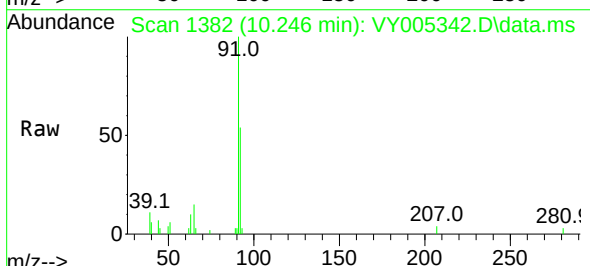
Instrument :
MSVOA_Y
ClientSampled :
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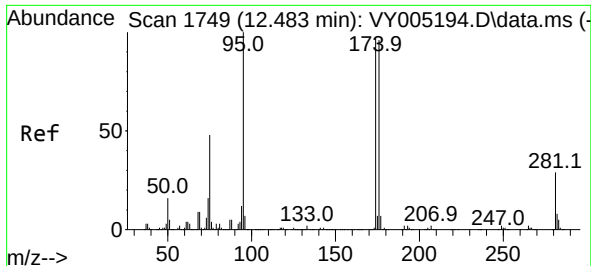
Tgt Ion: 98 Resp: 15656
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9



#52
Toluene
Concen: 11.017 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY005342.D
Acq: 02 Jul 2021 15:08

Tgt Ion: 92 Resp: 2542
Ion Ratio Lower Upper
92 100
91 182.1 138.3 207.5

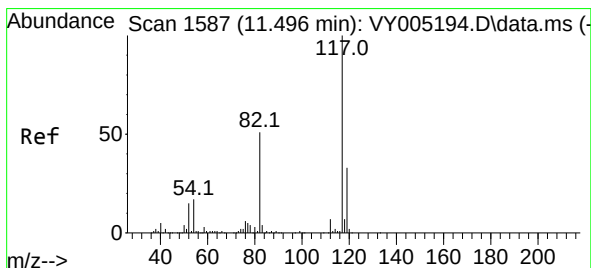
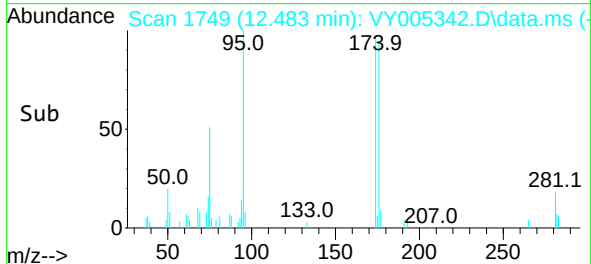
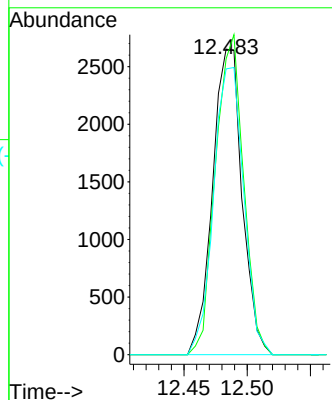
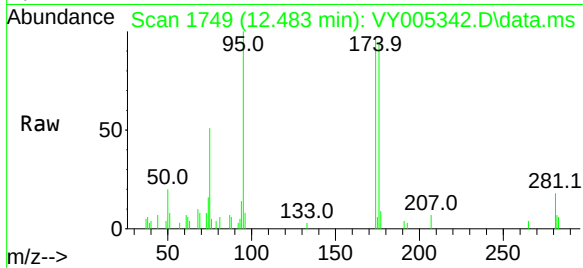




#62
4-Bromofluorobenzene
Concen: 39.464 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005342.D
Acq: 02 Jul 2021 15:08

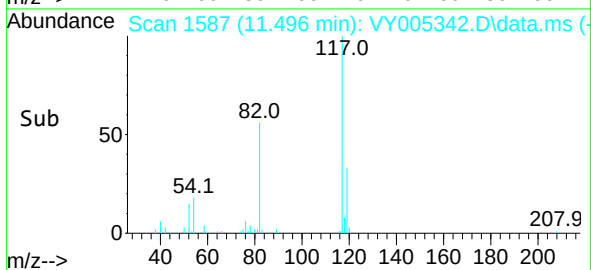
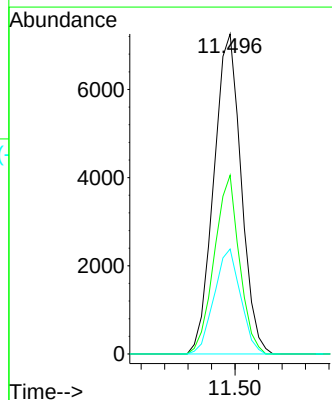
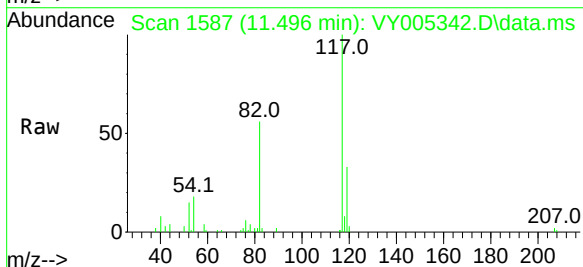
Instrument :
MSVOA_Y
ClientSampled :
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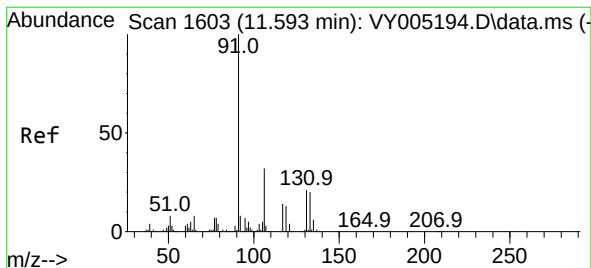
Tgt Ion:	95	Resp:	4312
Ion	Ratio	Lower	Upper
95	100		
174	99.0	0.0	201.6
176	95.7	0.0	197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005342.D
Acq: 02 Jul 2021 15:08

Tgt Ion:	117	Resp:	11725
Ion	Ratio	Lower	Upper
117	100		
82	55.9	40.6	60.8
119	32.8	26.1	39.1

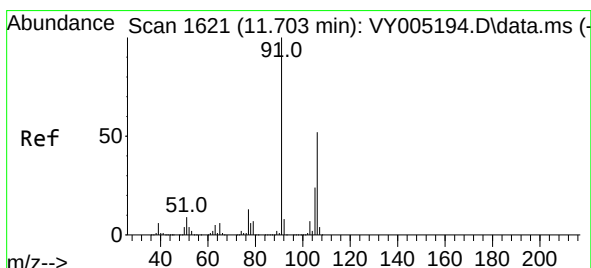
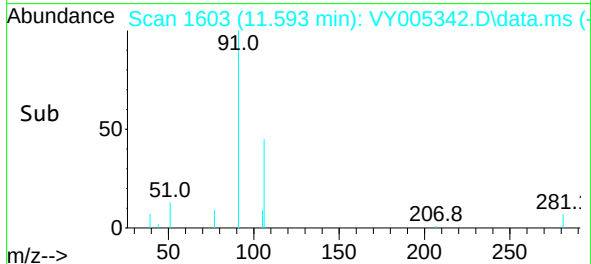
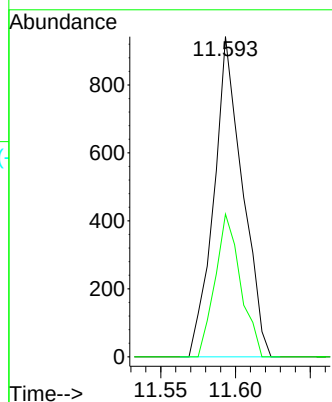
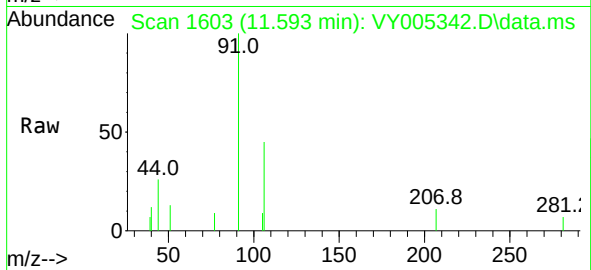




#67
Ethyl Benzene
Concen: 3.129 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY005342.D
Acq: 02 Jul 2021 15:08

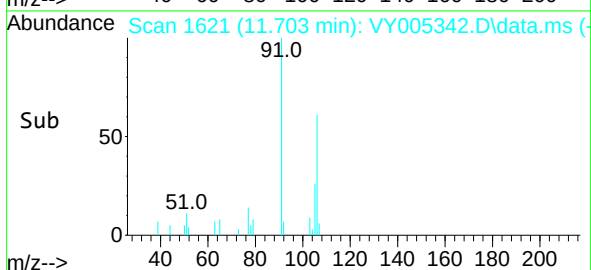
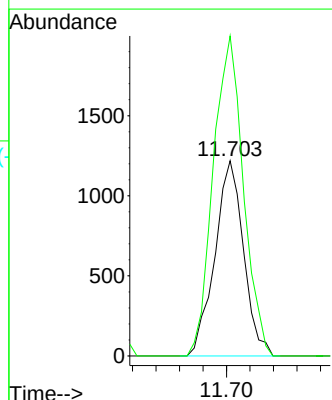
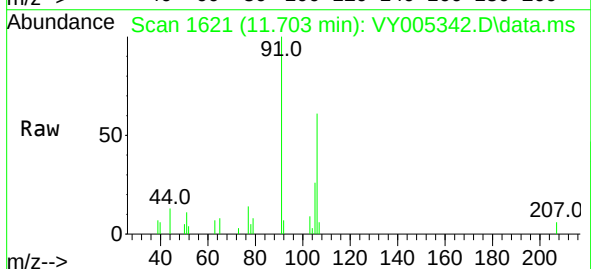
Instrument :
MSVOA_Y
ClientSampled :
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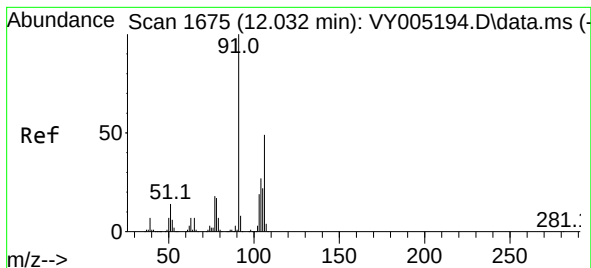
Tgt Ion: 91 Resp: 1254
Ion Ratio Lower Upper
91 100
106 44.6 25.8 38.6#



#68
m/p-Xylenes
Concen: 12.887 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY005342.D
Acq: 02 Jul 2021 15:08

Tgt Ion: 106 Resp: 2069
Ion Ratio Lower Upper
106 100
91 172.1 154.8 232.2





#69

o-Xylene

Concen: 5.433 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. -0.006 min

Lab File: VY005342.D

Acq: 02 Jul 2021 15:08

Instrument :

MSVOA_Y

ClientSampled :

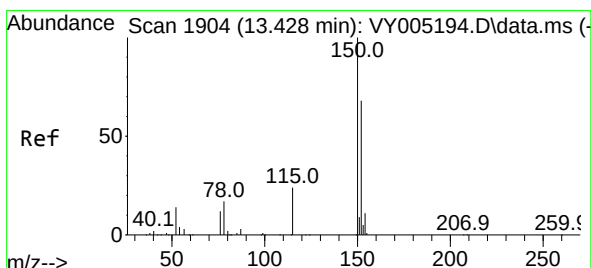
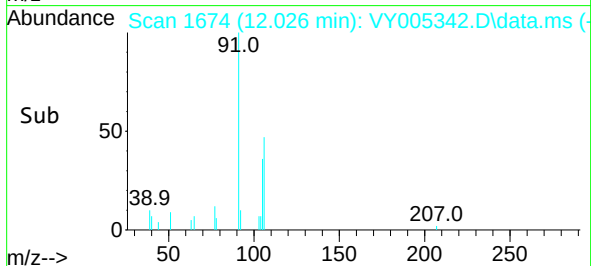
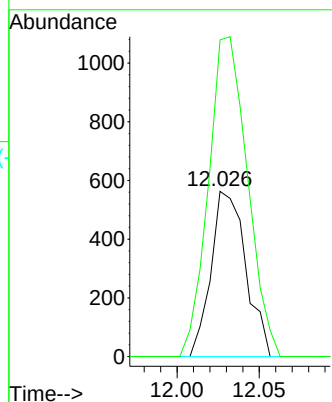
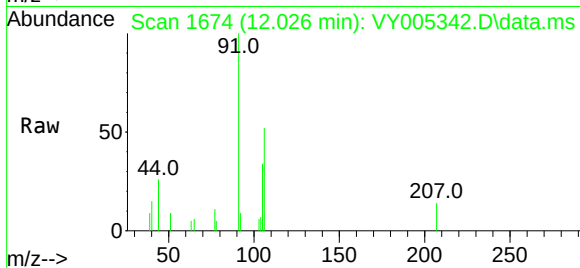
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Tgt Ion:106 Resp: 826

Ion Ratio Lower Upper

106 100

91 217.6 101.6 304.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY005342.D

Acq: 02 Jul 2021 15:08

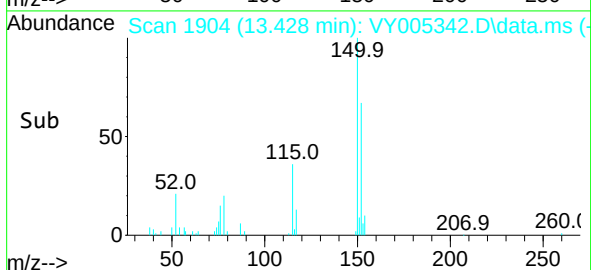
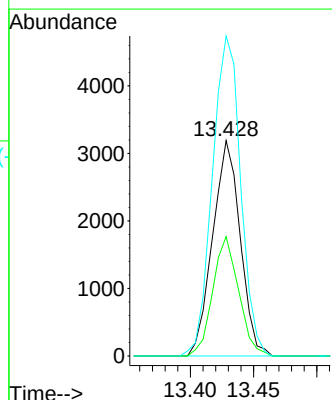
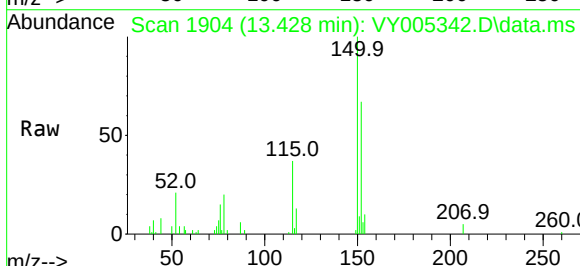
Tgt Ion:152 Resp: 4829

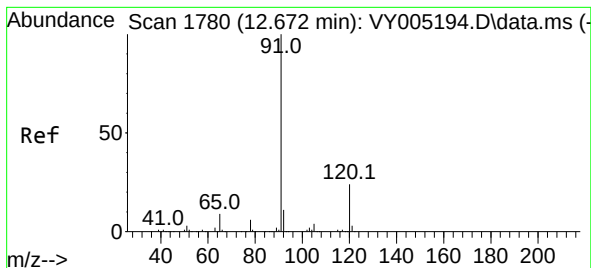
Ion Ratio Lower Upper

152 100

115 52.0 26.3 78.8

150 152.2 0.0 344.2

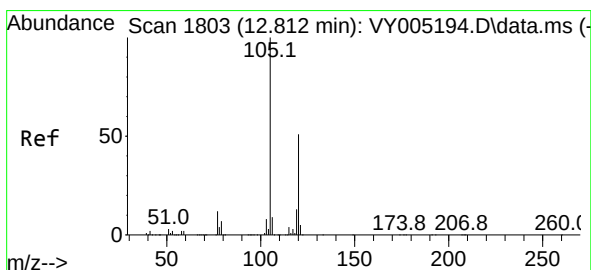
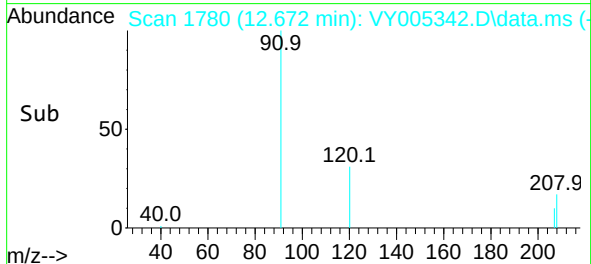
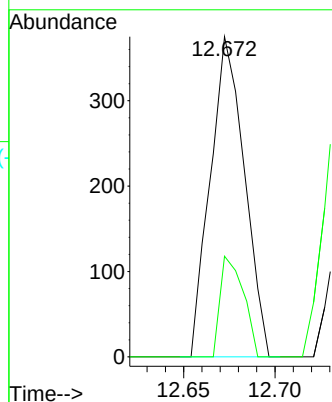
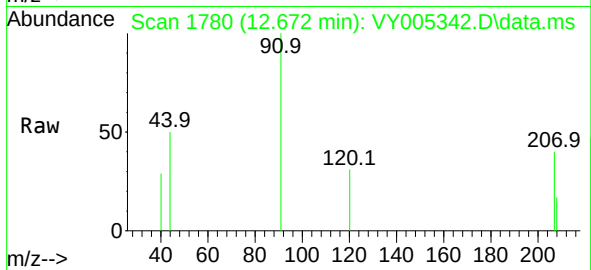




#78
n-propylbenzene
Concen: 1.319 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY005342.D
Acq: 02 Jul 2021 15:08

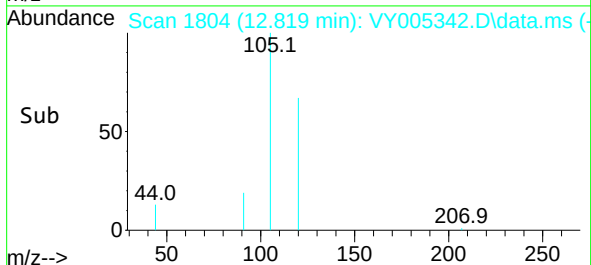
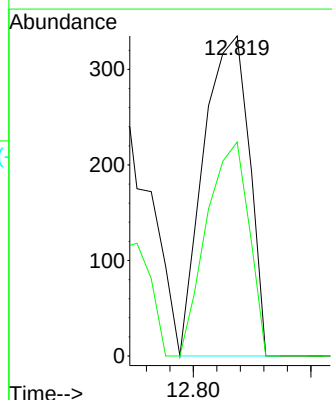
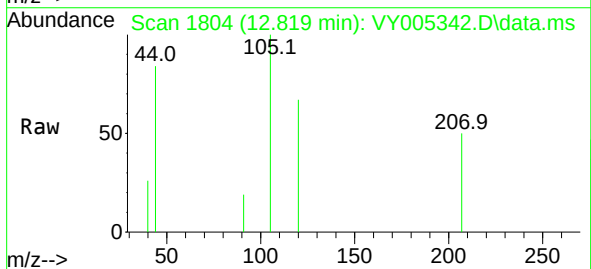
Instrument :
MSVOA_Y
ClientSampled :
2

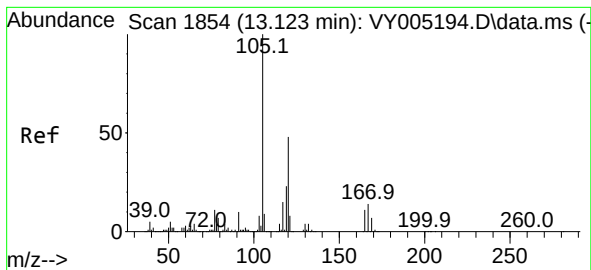
Tgt Ion: 91 Resp: 487
Ion Ratio Lower Upper
91 100
120 21.4 12.4 37.0



#80
1,3,5-Trimethylbenzene
Concen: 1.744 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY005342.D
Acq: 02 Jul 2021 15:08

Tgt Ion: 105 Resp: 452
Ion Ratio Lower Upper
105 100
120 61.9 25.9 77.7





#84
 1,2,4-Trimethylbenzene
 Concen: 7.444 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: VY005342.D
 Acq: 02 Jul 2021 15:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 2

Tgt Ion:105 Resp: 1907
 Ion Ratio Lower Upper
 105 100
 120 56.5 23.6 71.0

