

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070121\
 Data File : VY005313.D
 Acq On : 01 Jul 2021 14:52
 Operator : SY/MD
 Sample : M2896-05
 Misc : 9.26G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FS-03

Manual Integrations
 APPROVED

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Quant Time: Jul 02 05:15:40 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	204048	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	336219	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	338392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	172497	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	115501	68.210	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.420%	
35) Dibromofluoromethane	7.728	113	103143	52.017	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.040%	
50) Toluene-d8	10.185	98	416154	52.481	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.960%	
62) 4-Bromofluorobenzene	12.483	95	162590	61.532	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 123.060%	
Target Compounds						
						Qvalue
16) Acetone	3.960	43	137220	350.788	ug/l	96
17) Carbon Disulfide	4.204	76	6897	1.298	ug/l	97
25) 2-Butanone	7.002	43	8048	14.110	ug/l #	83
67) Ethyl Benzene	11.593	91	25440	2.200	ug/l	95
68) m/p-Xylenes	11.703	106	27071	5.842	ug/l	98
69) o-Xylene	12.032	106	16540	3.770	ug/l	93
73) Isopropylbenzene	12.331	105	20386	1.822	ug/l	100
78) n-propylbenzene	12.672	91	115547	8.758	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	71892	7.768	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	203295	22.217	ug/l	99
85) sec-Butylbenzene	13.251	105	22245	1.853	ug/l #	61
86) p-Isopropyltoluene	13.373	119	58104m	5.610	ug/l	
89) n-Butylbenzene	13.696	91	196855	21.636	ug/l #	76
95) Naphthalene	15.239	128	145595	22.275	ug/l	98

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

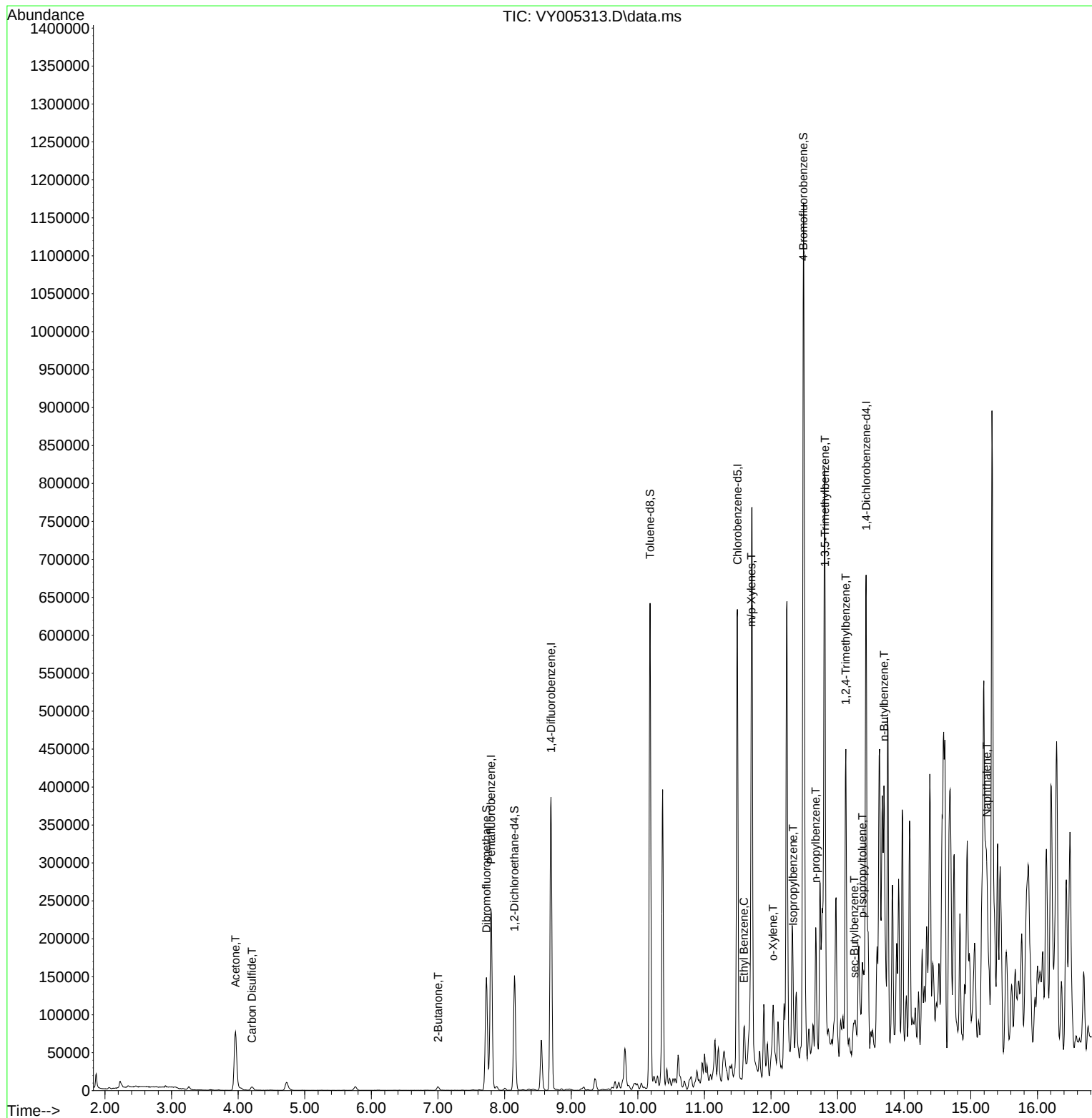
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070121\
Data File : VY005313.D
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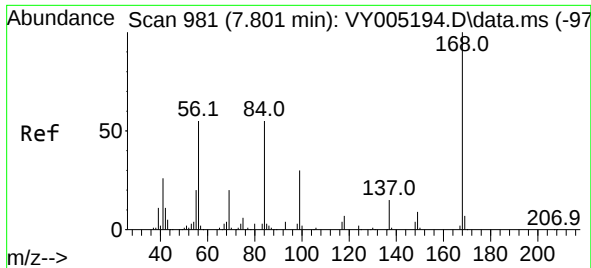
Instrument :
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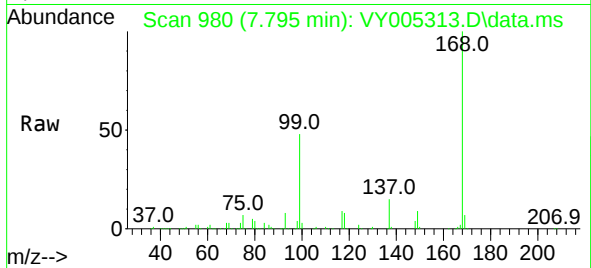
Quant Time: Jul 02 05:15:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 07:57:52 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005313.D
Acq: 01 Jul 2021 14:52

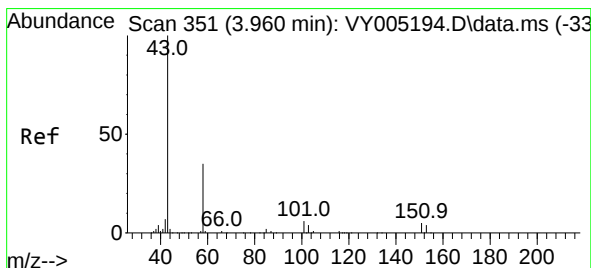
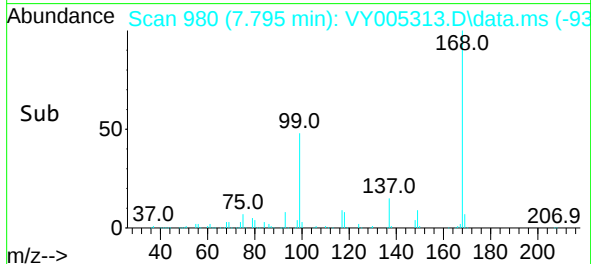
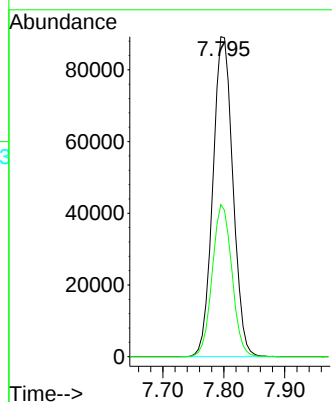
Instrument :
MSVOA_Y
ClientSampleId :
FS-03



Tgt Ion:168 Resp: 204048
Ion Ratio Lower Upper
168 100
99 47.6 36.2 54.4

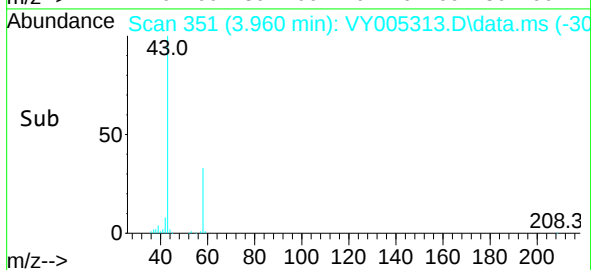
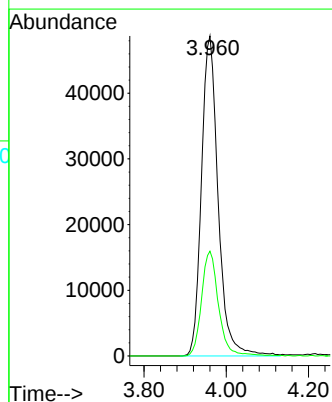
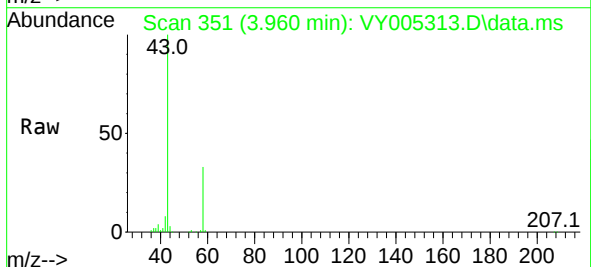
Manual Integrations
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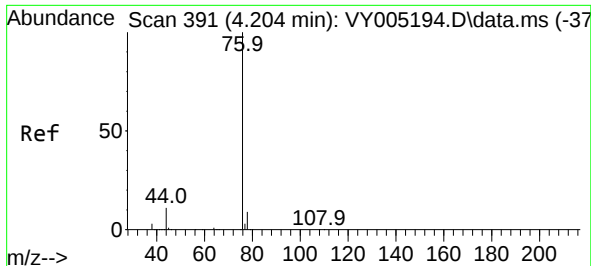
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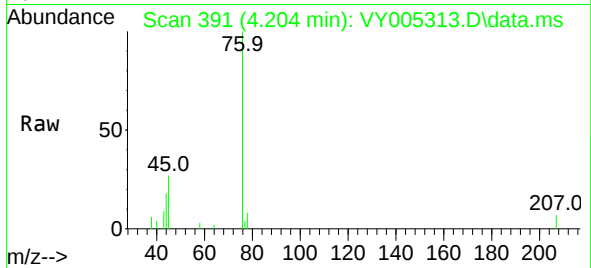
#16
Acetone
Concen: 350.788 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005313.D
Acq: 01 Jul 2021 14:52

Tgt Ion: 43 Resp: 137220
Ion Ratio Lower Upper
43 100
58 32.7 28.2 42.2

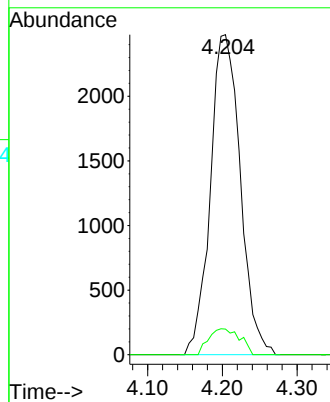
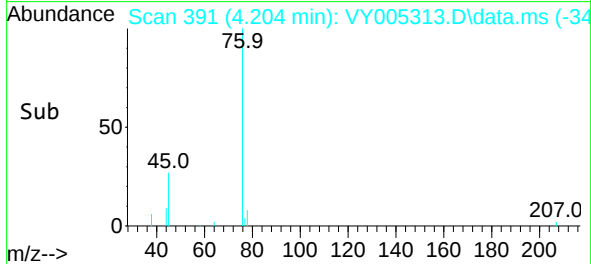




#17
Carbon Disulfide
Concen: 1.298 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY005313.D
Acq: 01 Jul 2021 14:52



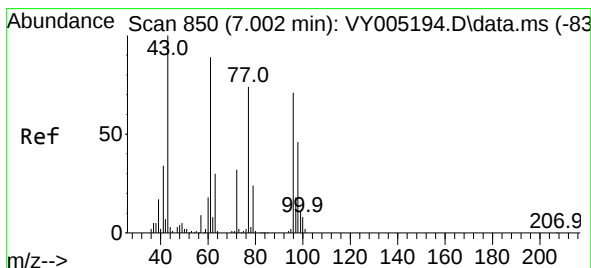
Tgt Ion: 76 Resp: 6897
Ion Ratio Lower Upper
76 100
78 8.0 7.3 10.9



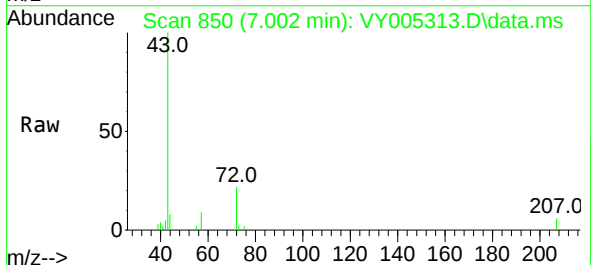
Instrument :
MSVOA_Y
ClientSampleId :
FS-03

Manual Integrations
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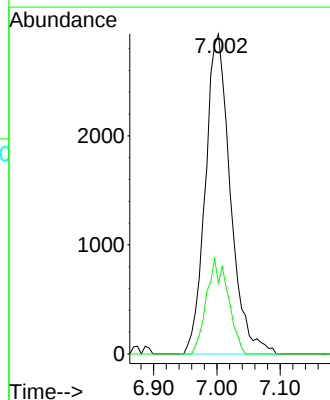
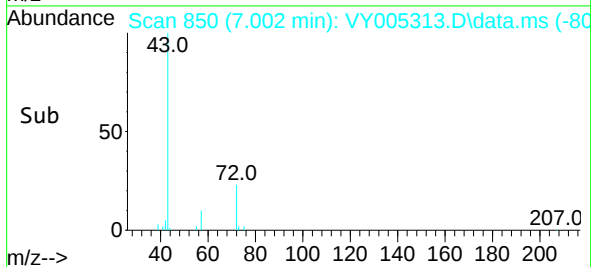
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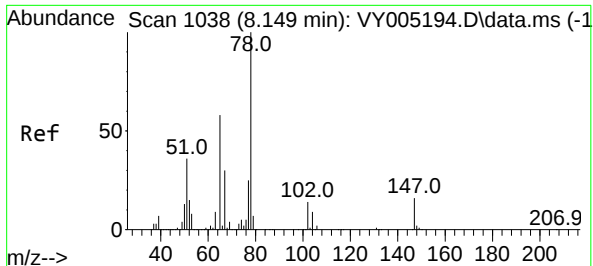


#25
2-Butanone
Concen: 14.110 ug/l
RT: 7.002 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY005313.D
Acq: 01 Jul 2021 14:52



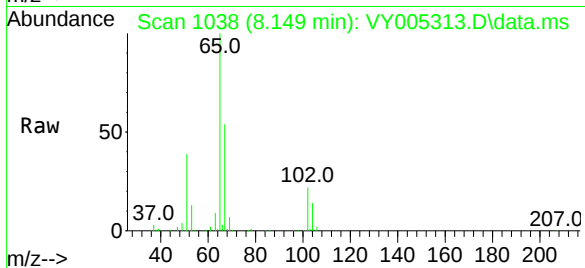
Tgt Ion: 43 Resp: 8048
Ion Ratio Lower Upper
43 100
72 22.2 25.3 37.9#





#33
1,2-Dichloroethane-d4
Concen: 68.210 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005313.D
Acq: 01 Jul 2021 14:52

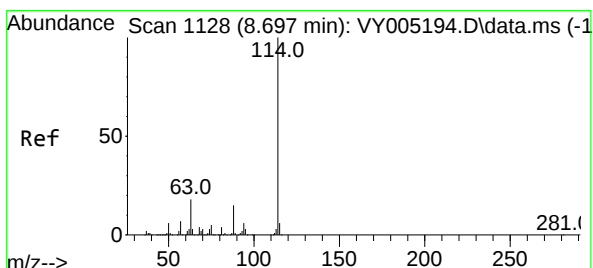
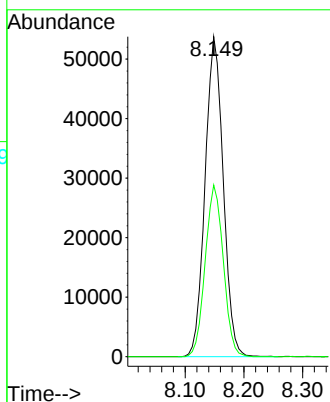
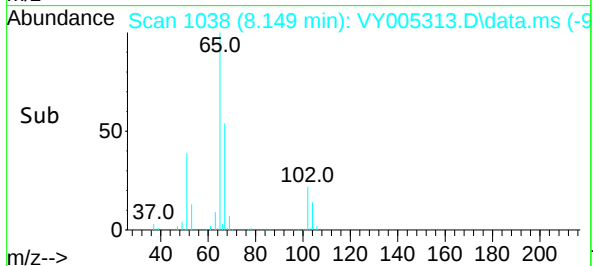
Instrument :
MSVOA_Y
ClientSampleId :
FS-03



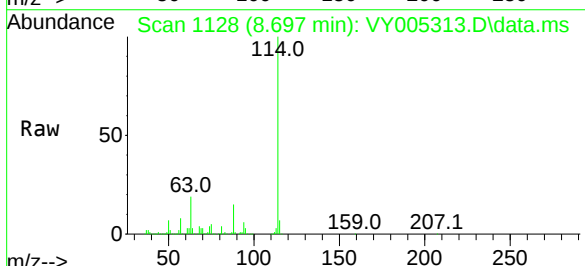
Tgt Ion: 65 Resp: 115501
Ion Ratio Lower Upper
65 100
67 53.4 0.0 110.6

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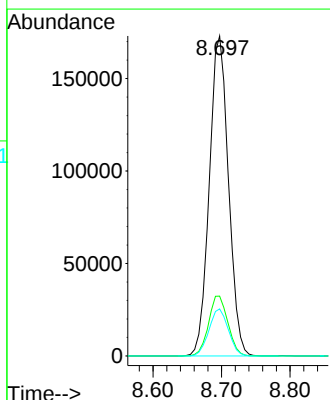
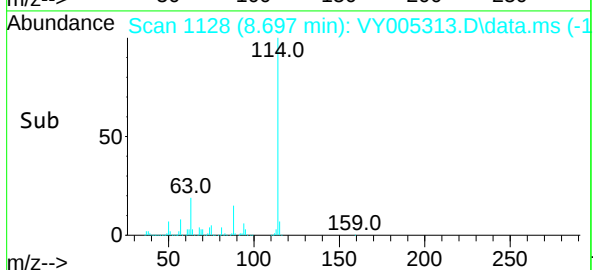
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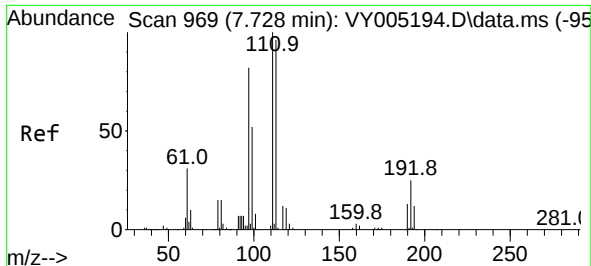


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005313.D
Acq: 01 Jul 2021 14:52



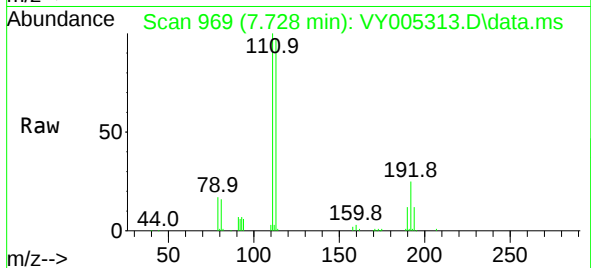
Tgt Ion: 114 Resp: 336219
Ion Ratio Lower Upper
114 100
63 18.7 0.0 35.2
88 14.7 0.0 29.4





#35
Dibromofluoromethane
Concen: 52.017 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005313.D
Acq: 01 Jul 2021 14:52

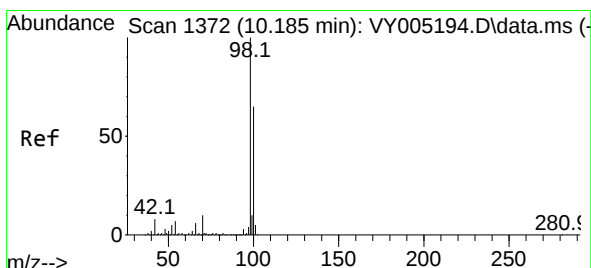
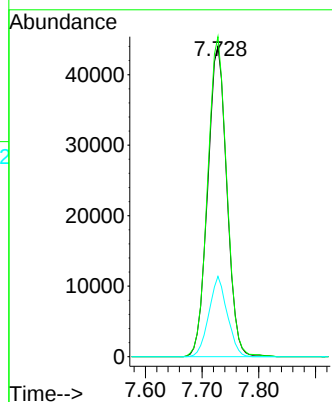
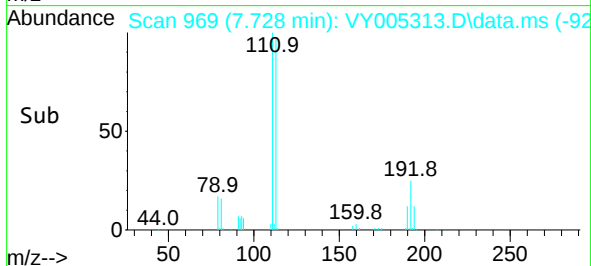
Instrument :
MSVOA_Y
ClientSampleId :
FS-03



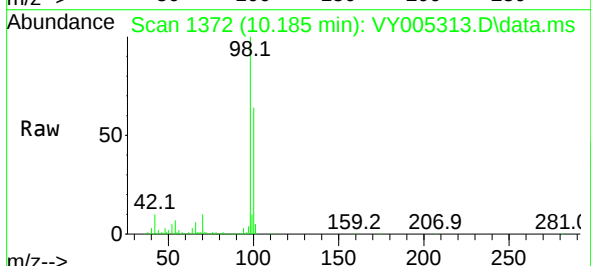
Tgt Ion:113 Resp: 103143
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 24.7 20.2 30.2

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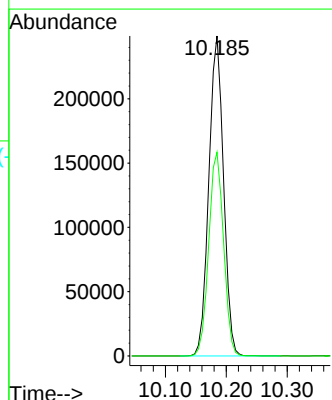
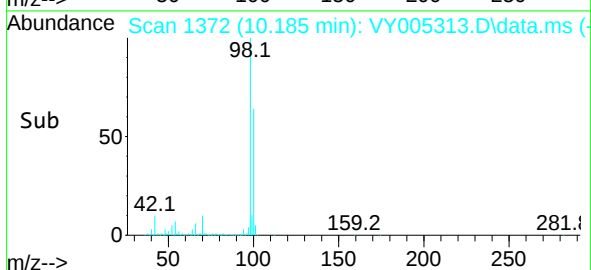
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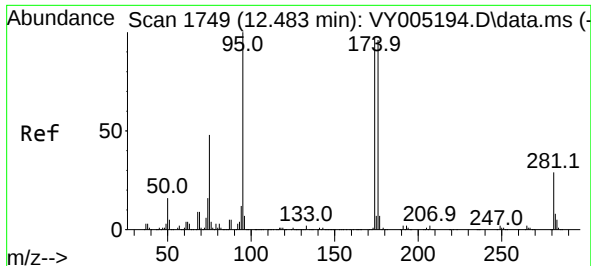


#50
Toluene-d8
Concen: 52.481 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005313.D
Acq: 01 Jul 2021 14:52



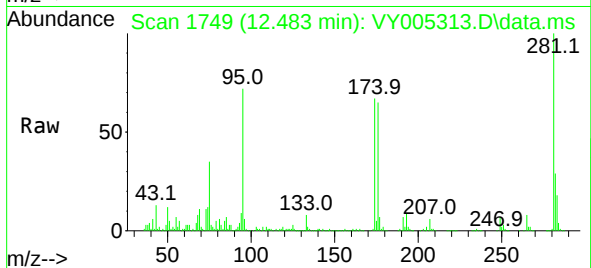
Tgt Ion: 98 Resp: 416154
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9





#62
4-Bromofluorobenzene
Concen: 61.532 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005313.D
Acq: 01 Jul 2021 14:52

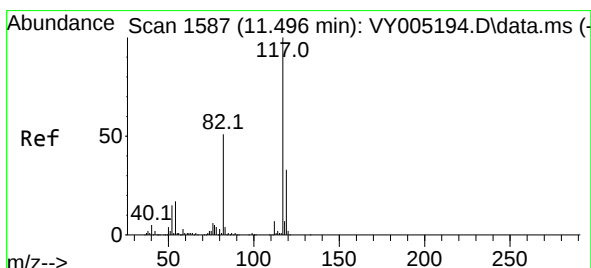
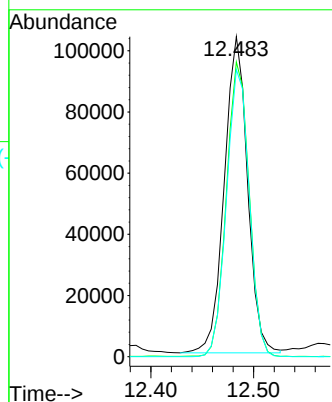
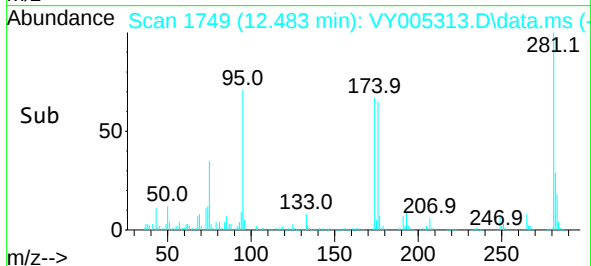
Instrument :
MSVOA_Y
ClientSampleId :
FS-03



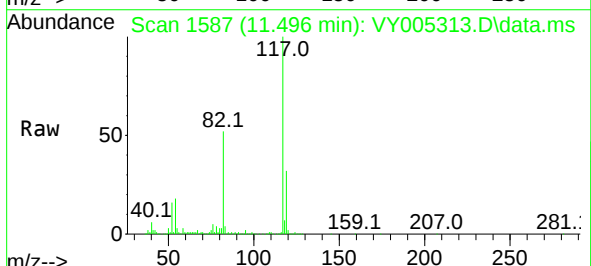
Tgt Ion: 95 Resp: 162590
Ion Ratio Lower Upper
95 100
174 91.0 0.0 201.6
176 89.0 0.0 197.4

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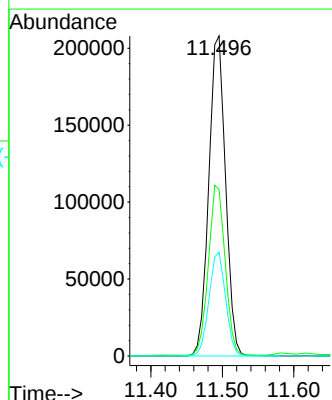
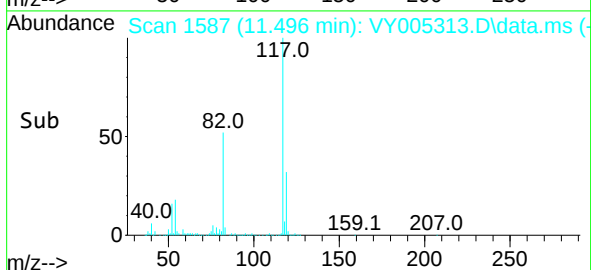
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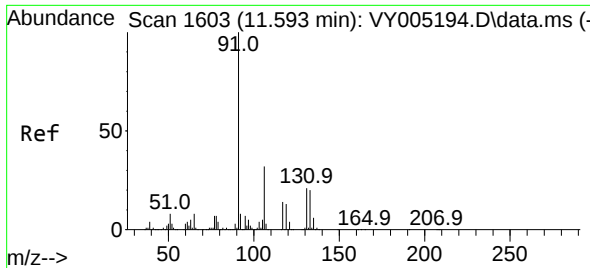


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005313.D
Acq: 01 Jul 2021 14:52



Tgt Ion: 117 Resp: 338392
Ion Ratio Lower Upper
117 100
82 51.8 40.6 60.8
119 32.4 26.1 39.1





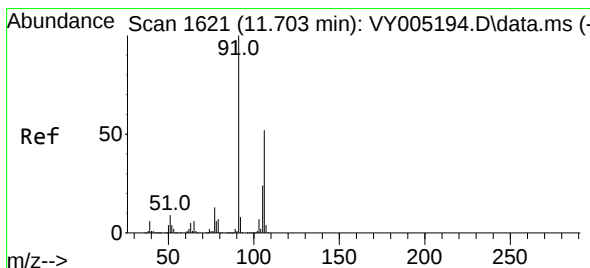
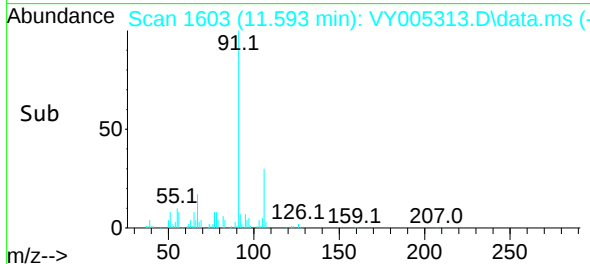
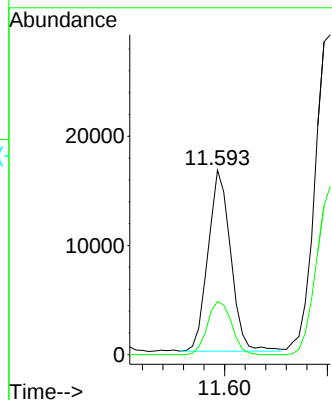
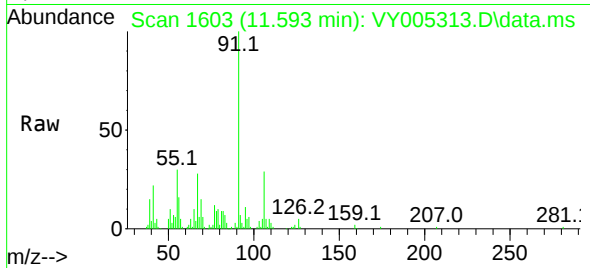
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Ethyl Benzene
Concen: 2.200 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY005313.D
Acq: 01 Jul 2021 14:52

Tgt Ion: 91 Resp: 25440
Ion Ratio Lower Upper
91 100
106 29.3 25.8 38.6

Instrument :
MSVOA_Y
ClientSampleId :
FS-03

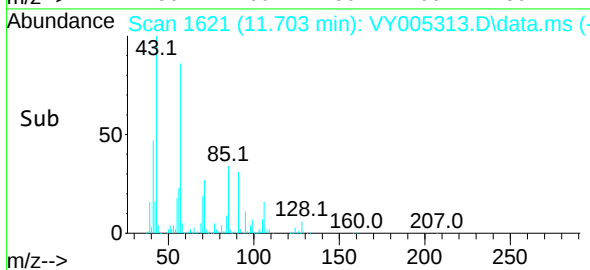
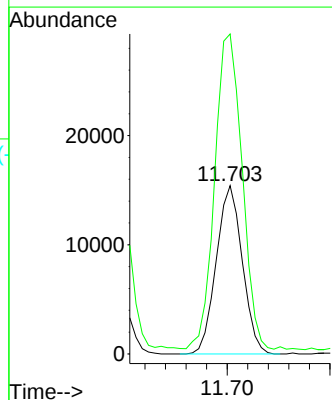
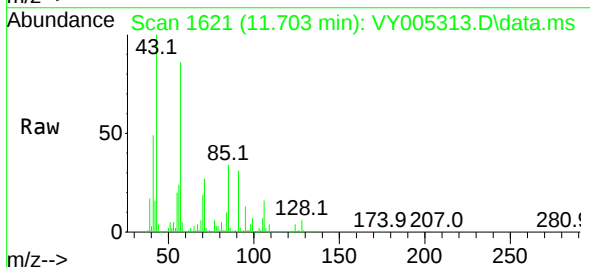
Manual Integrations
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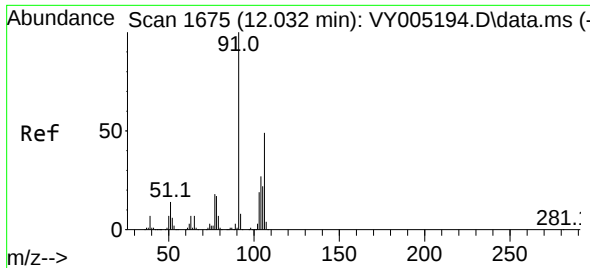
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#68
m/p-Xylenes
Concen: 5.842 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY005313.D
Acq: 01 Jul 2021 14:52

Tgt Ion: 106 Resp: 27071
Ion Ratio Lower Upper
106 100
91 196.9 154.8 232.2





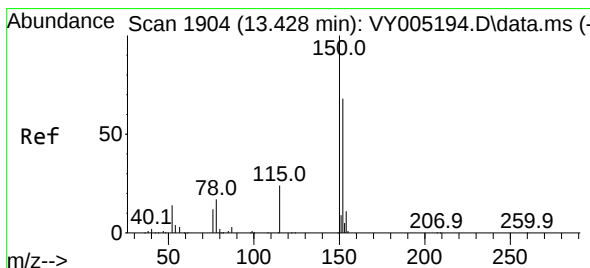
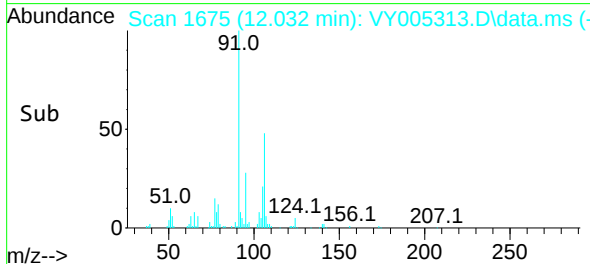
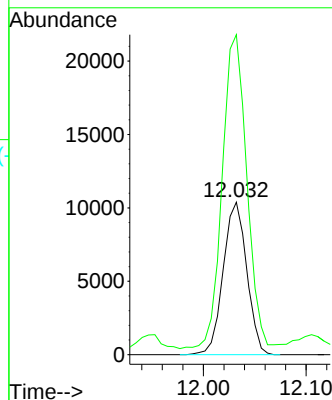
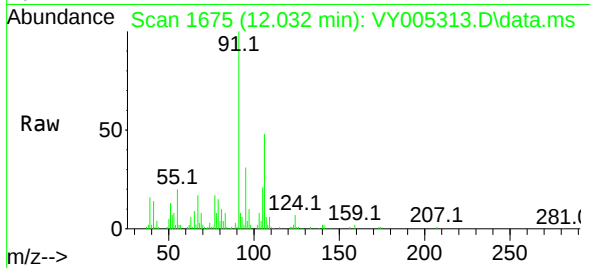
#69
o-Xylene
Concen: 3.770 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY005313.D
Acq: 01 Jul 2021 14:52

Tgt Ion:106 Resp: 16540
Ion Ratio Lower Upper
106 100
91 213.9 101.6 304.8

Instrument :
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ClientSampleId :
FS-03

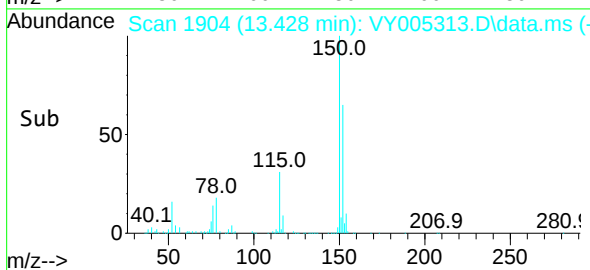
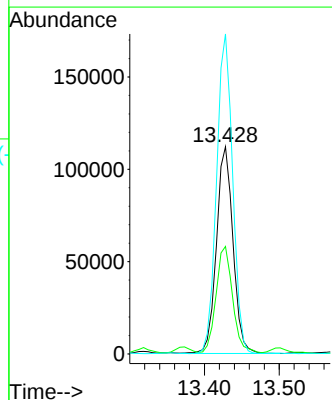
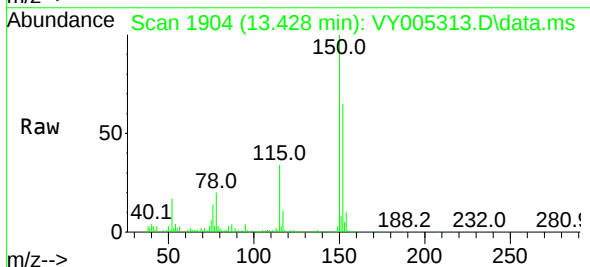
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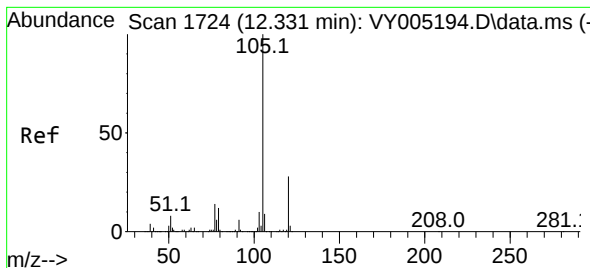
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7/5/2021 1:57:40 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005313.D
Acq: 01 Jul 2021 14:52

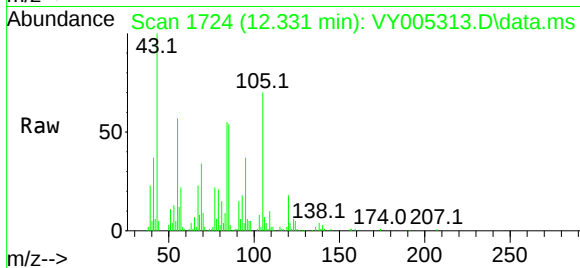
Tgt Ion:152 Resp: 172497
Ion Ratio Lower Upper
152 100
115 51.0 26.3 78.8
150 149.9 0.0 344.2



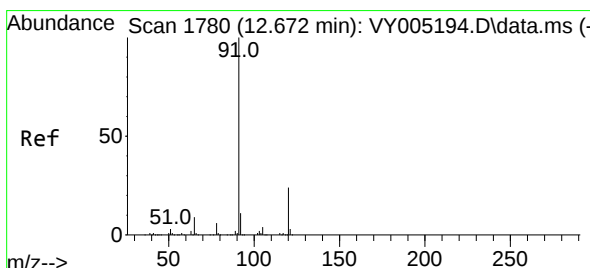
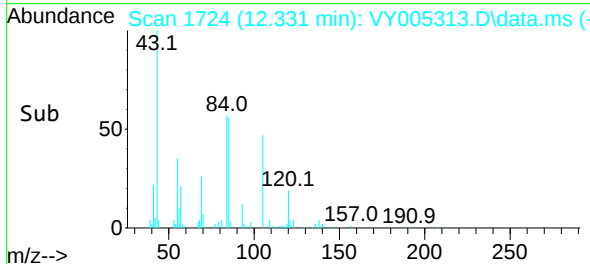
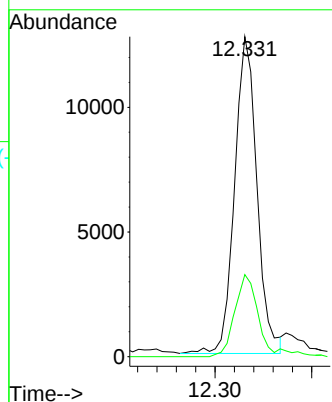


#73
Isopropylbenzene
Concen: 1.822 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY005313.D
Acq: 01 Jul 2021 14:52

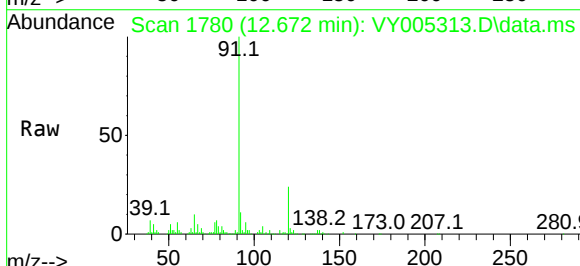
Instrument :
MSVOA_Y
ClientSampleId :
FS-03



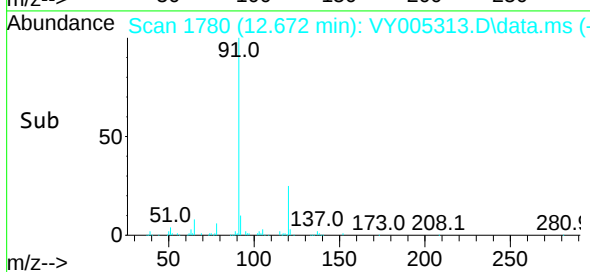
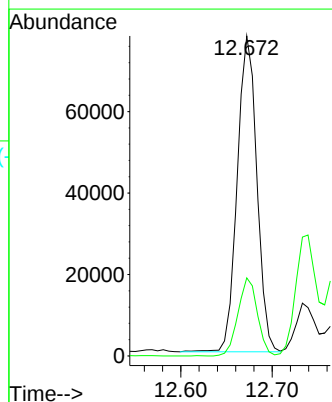
Tgt Ion: 105 Resp: 20386
Ion Ratio Lower Upper
105 100
120 28.2 14.0 42.0

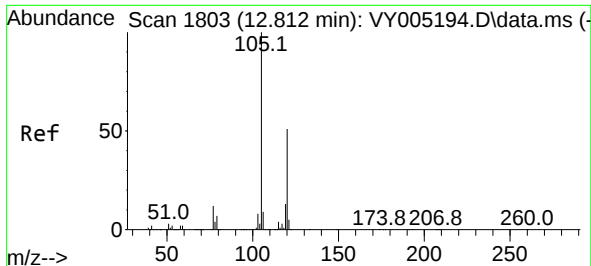


#78
n-propylbenzene
Concen: 8.758 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY005313.D
Acq: 01 Jul 2021 14:52



Tgt Ion: 91 Resp: 115547
Ion Ratio Lower Upper
91 100
120 24.3 12.4 37.0





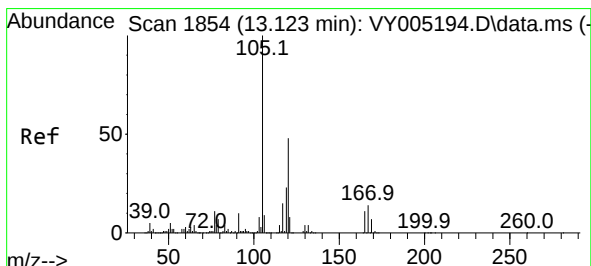
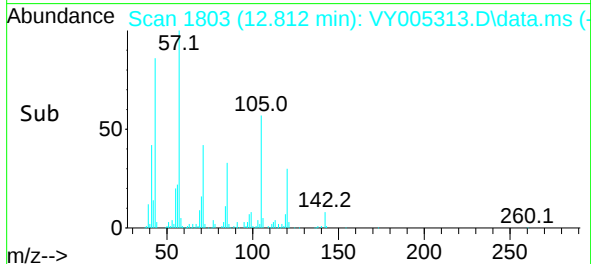
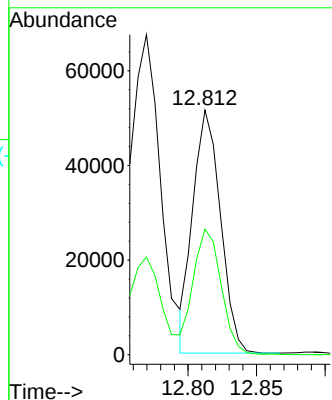
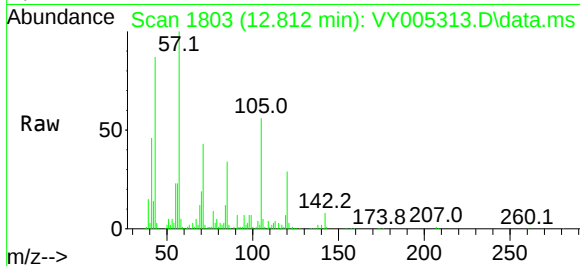
#80
1,3,5-Trimethylbenzene
Concen: 7.768 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY005313.D
Acq: 01 Jul 2021 14:52

Tgt Ion:105 Resp: 71892
Ion Ratio Lower Upper
105 100
120 52.3 25.9 77.7

Instrument :
MSVOA_Y
ClientSampleId :
FS-03

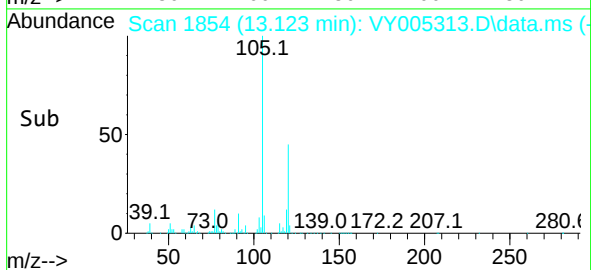
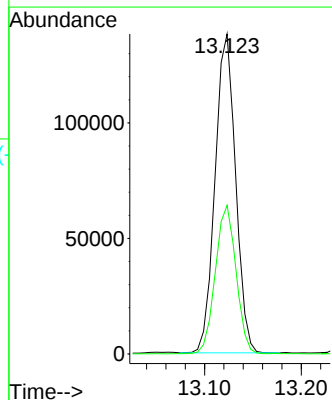
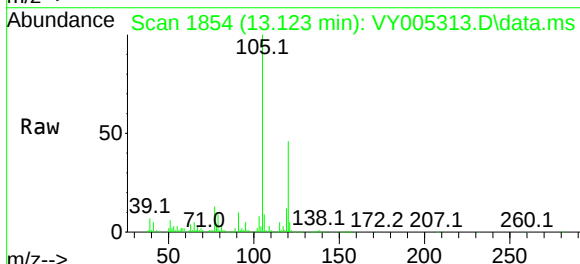
Manual Integrations
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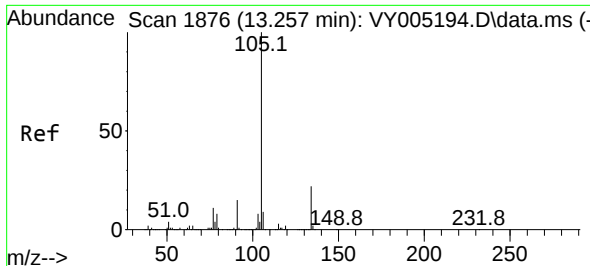
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#84
1,2,4-Trimethylbenzene
Concen: 22.217 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY005313.D
Acq: 01 Jul 2021 14:52

Tgt Ion:105 Resp: 203295
Ion Ratio Lower Upper
105 100
120 46.8 23.6 71.0





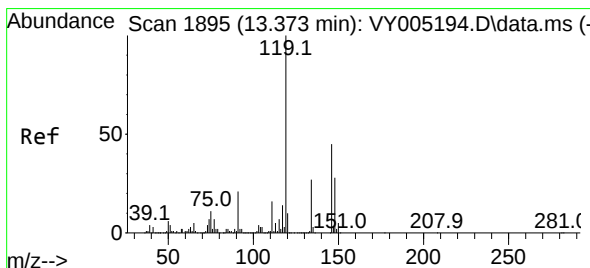
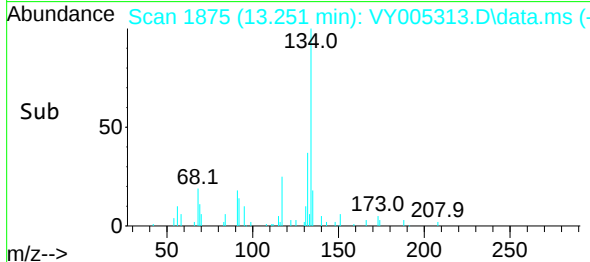
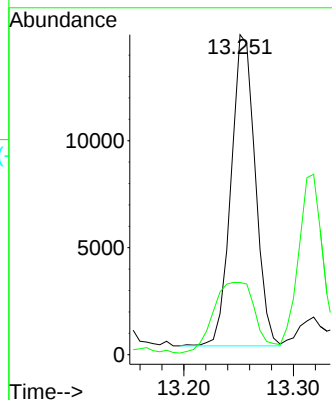
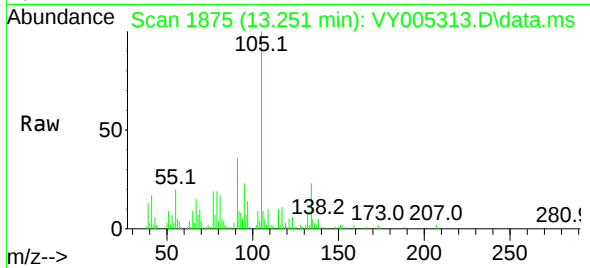
#85
 sec-Butylbenzene
 Concen: 1.853 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VY005313.D
 Acq: 01 Jul 2021 14:52

Tgt Ion:105 Resp: 22245
 Ion Ratio Lower Upper
 105 100
 134 40.0 10.9 32.6#

Instrument :
 MSVOA_Y
 ClientSampleId :
 FS-03

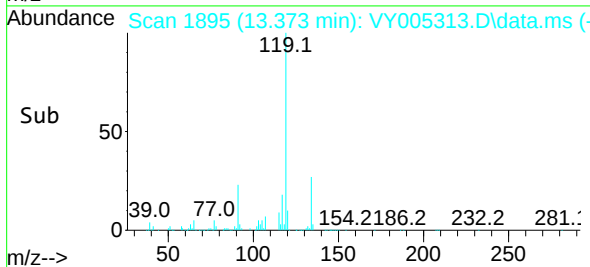
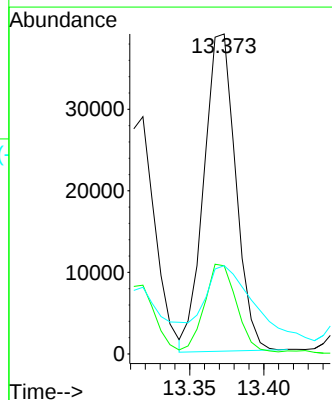
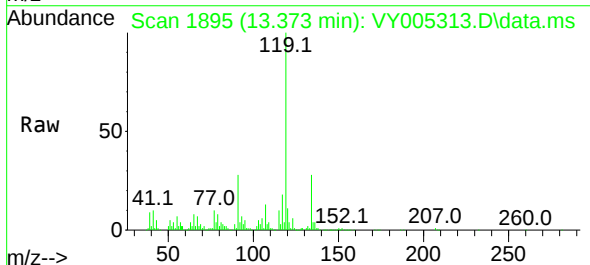
Manual Integrations
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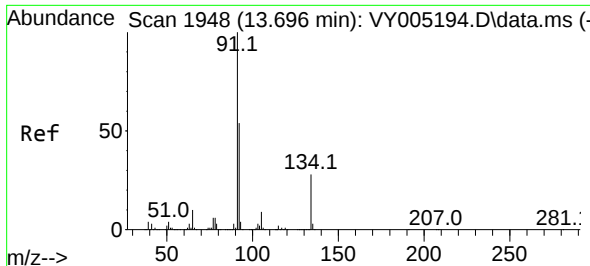
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#86
 p-Isopropyltoluene
 Concen: 5.610 ug/l m
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.000 min
 Lab File: VY005313.D
 Acq: 01 Jul 2021 14:52

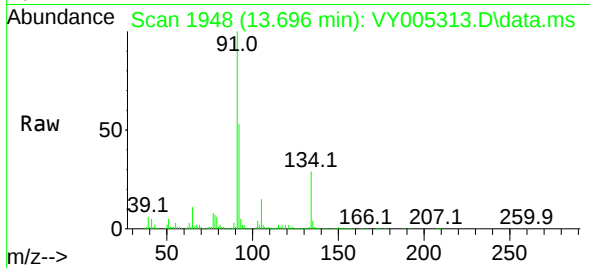
Tgt Ion:119 Resp: 58104
 Ion Ratio Lower Upper
 119 100
 134 21.8 13.9 41.6
 91 20.9 10.8 32.3





#89
n-Butylbenzene
Concen: 21.636 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY005313.D
Acq: 01 Jul 2021 14:52

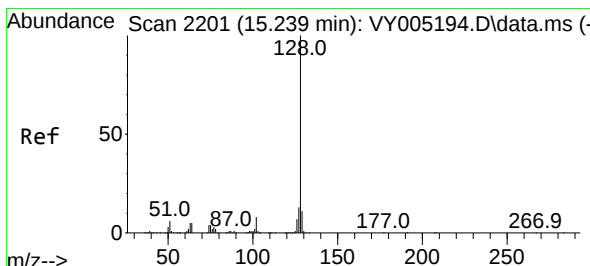
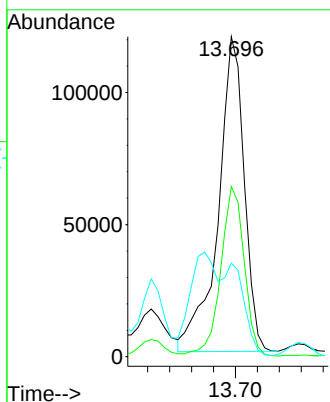
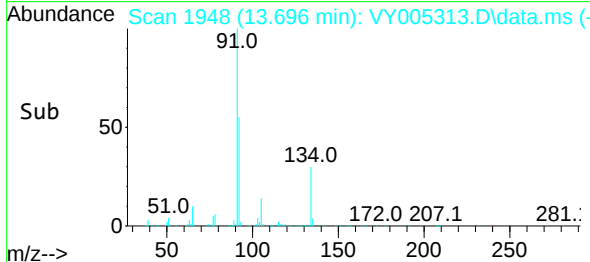
Instrument :
MSVOA_Y
ClientSampleId :
FS-03



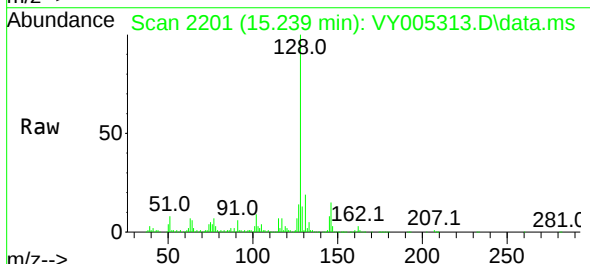
Tgt Ion: 91 Resp: 196855
Ion Ratio Lower Upper
91 100
92 48.6 27.0 81.0
134 0.0 14.6 44.0#

Manual Integrations
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7/5/2021 1:57:40 PM



#95
Naphthalene
Concen: 22.275 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY005313.D
Acq: 01 Jul 2021 14:52



Tgt Ion: 128 Resp: 145595
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.4
129 12.4 8.7 13.1

