

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070121\
 Data File : VY005315.D
 Acq On : 01 Jul 2021 15:39
 Operator : SY/MD
 Sample : M2896-07
 Misc : 10.87G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FS-04

Manual Integrations
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Quant Time: Jul 02 05:16:24 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	7.801	168	215214	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	341197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	311654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	113124	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	118342	66.262	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.520%	
35) Dibromofluoromethane	7.728	113	108829	54.084	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.160%	
50) Toluene-d8	10.185	98	415769	51.667	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.340%	
62) 4-Bromofluorobenzene	12.483	95	125144	46.669	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.340%	
Target Compounds						Qvalue
16) Acetone	3.960	43	163200	395.558	ug/l	99
17) Carbon Disulfide	4.204	76	54280	9.685	ug/l	99
25) 2-Butanone	7.002	43	37921	63.033	ug/l	93
67) Ethyl Benzene	11.599	91	10893	1.023	ug/l	99
68) m/p-Xylenes	11.703	106	12583	2.949	ug/l	94
69) o-Xylene	12.032	106	5851	1.448	ug/l	86
78) n-propylbenzene	12.672	91	23418	2.707	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	15758	2.596	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	44904	7.483	ug/l	98
85) sec-Butylbenzene	13.257	105	14292	1.815	ug/l #	59
86) p-Isopropyltoluene	13.373	119	25075m	3.692	ug/l	
89) n-Butylbenzene	13.696	91	96403	16.156	ug/l #	74
95) Naphthalene	15.239	128	85938	20.048	ug/l	97

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

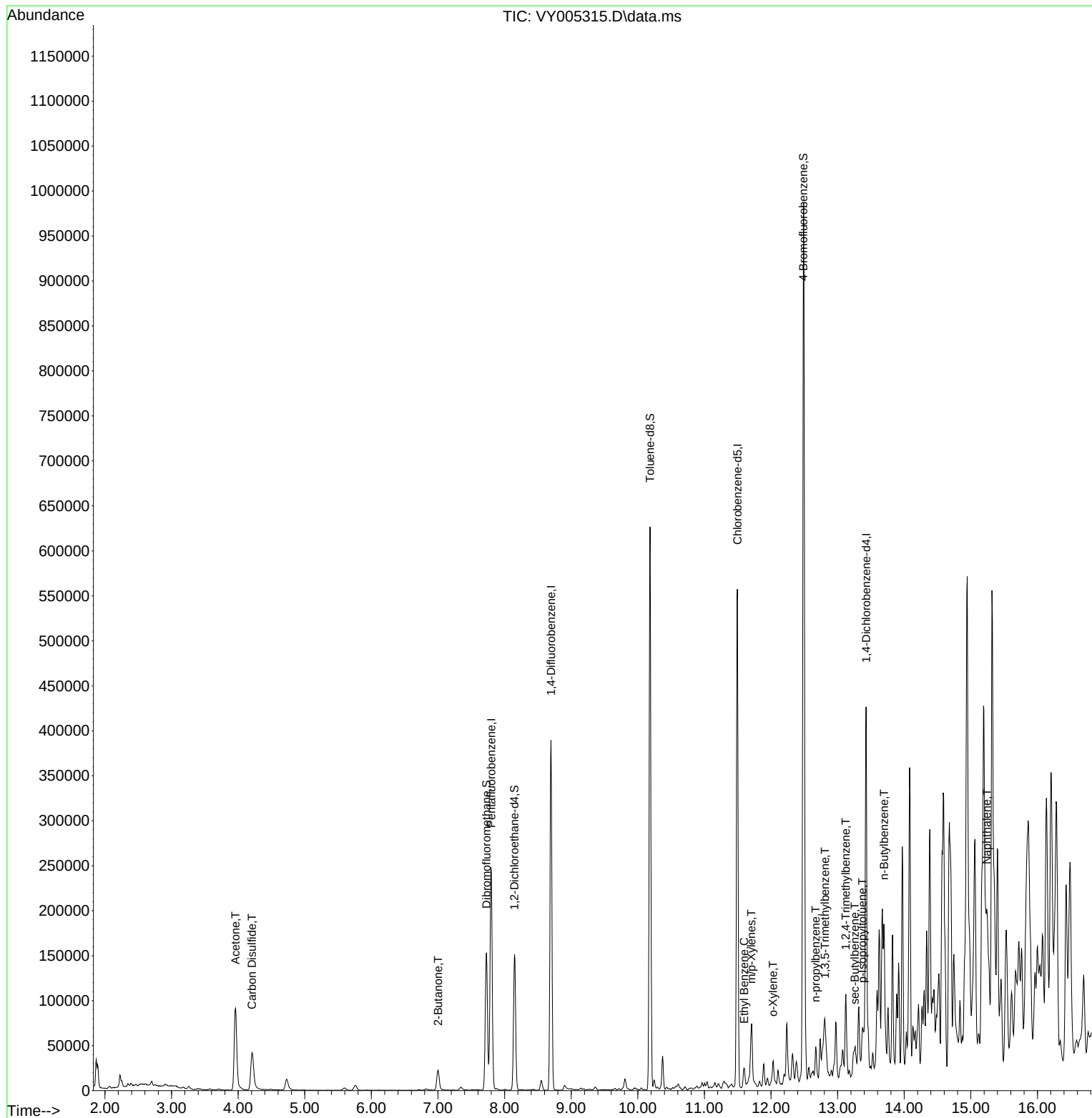
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070121\
Data File : VY005315.D
Acq On : 01 Jul 2021 15:39
Operator : SY/MD
Sample : M2896-07
Misc : 10.87G/5ML/MSVOA_Y/SOIL
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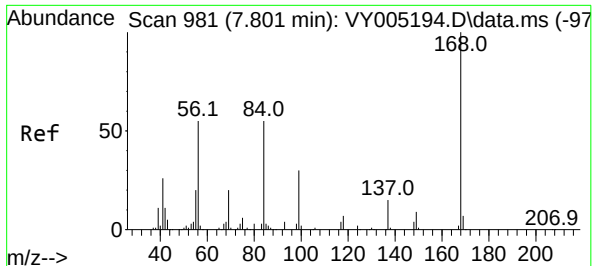
Instrument :
MSVOA_Y
ClientSampleId :
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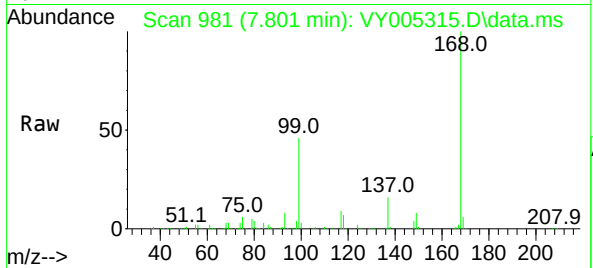
Quant Time: Jul 02 05:16:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 07:57:52 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005315.D
Acq: 01 Jul 2021 15:39

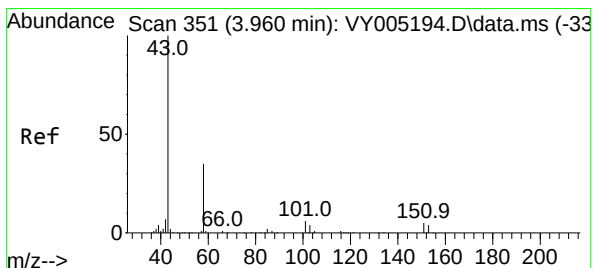
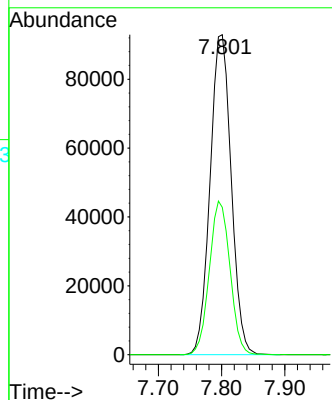
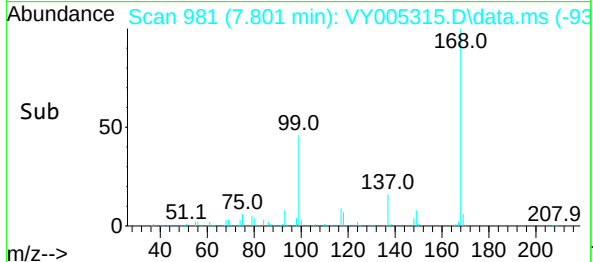
Instrument :
MSVOA_Y
ClientSampleId :
FS-04



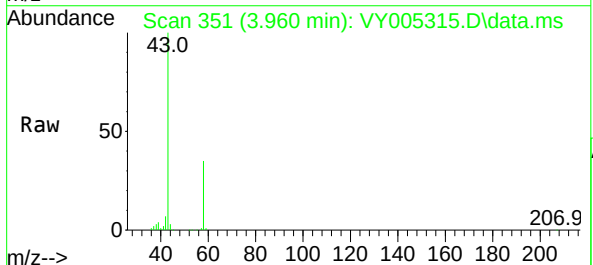
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Ion Ratio Lower Upper
168 100
99 46.0 36.2 54.4

Manual Integrations
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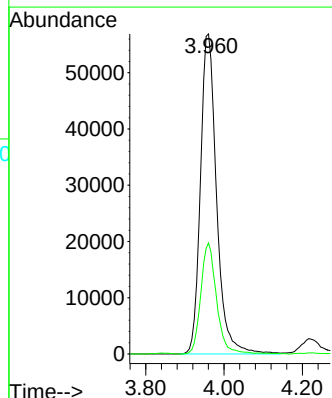
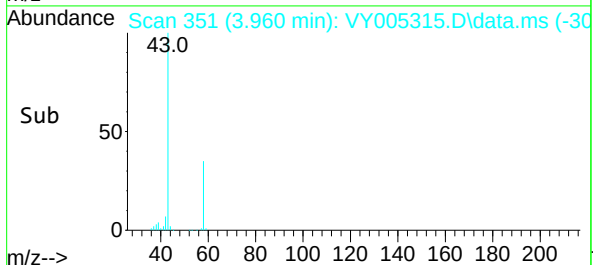
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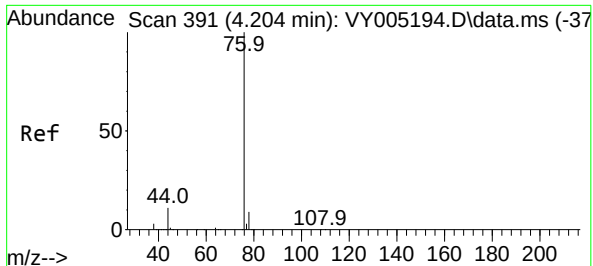


#16
Acetone
Concen: 395.558 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY005315.D
Acq: 01 Jul 2021 15:39

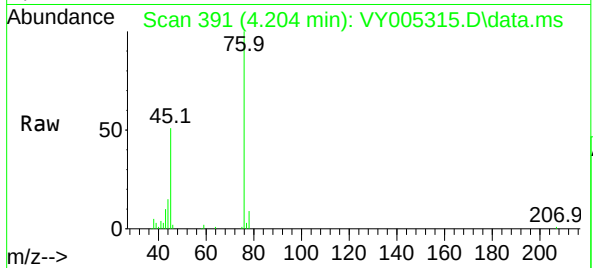


Tgt Ion: 43 Resp: 163200
Ion Ratio Lower Upper
43 100
58 34.7 28.2 42.2

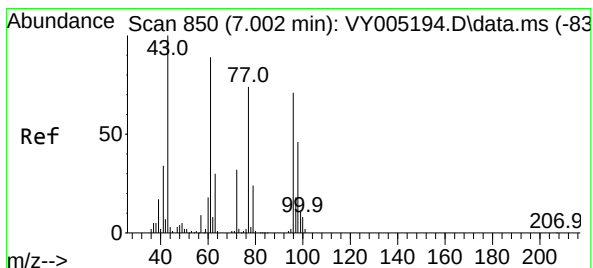
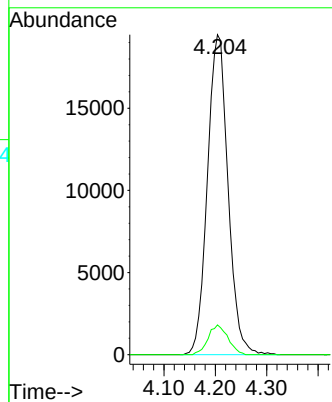
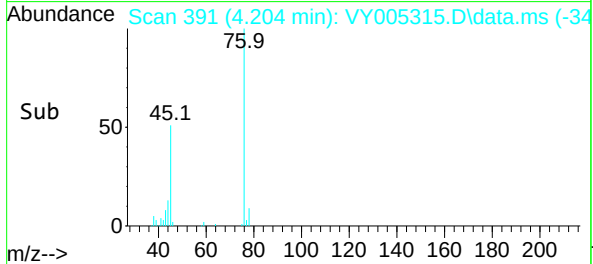




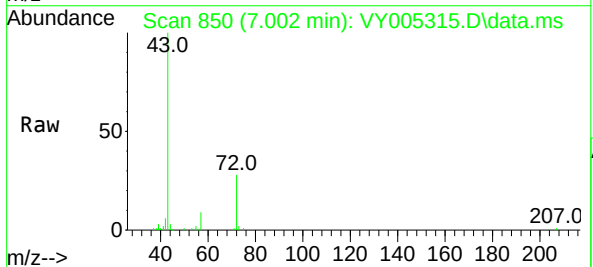
#17
Carbon Disulfide
Concen: 9.685 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY005315.D
Acq: 01 Jul 2021 15:39



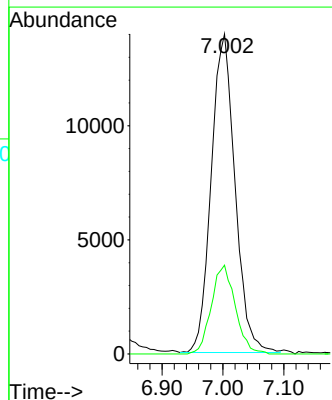
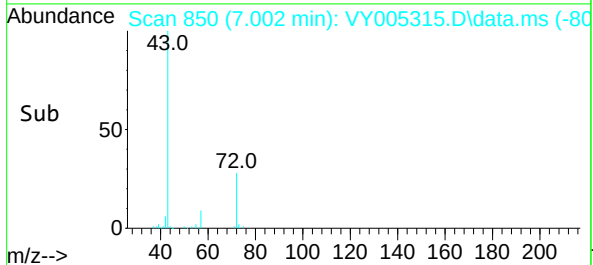
Tgt Ion: 76 Resp: 54280
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#25
2-Butanone
Concen: 63.033 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY005315.D
Acq: 01 Jul 2021 15:39



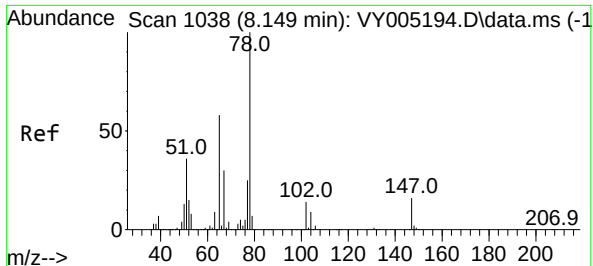
Tgt Ion: 43 Resp: 37921
Ion Ratio Lower Upper
43 100
72 27.9 25.3 37.9



Instrument :
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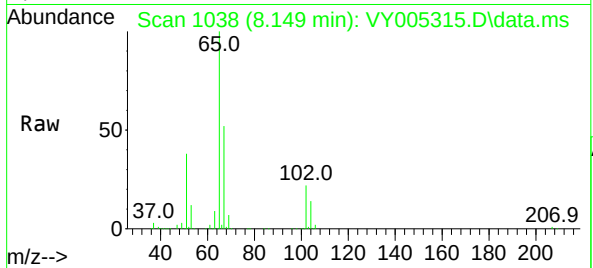
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#33
 1,2-Dichloroethane-d4
 Concen: 66.262 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VY005315.D
 Acq: 01 Jul 2021 15:39

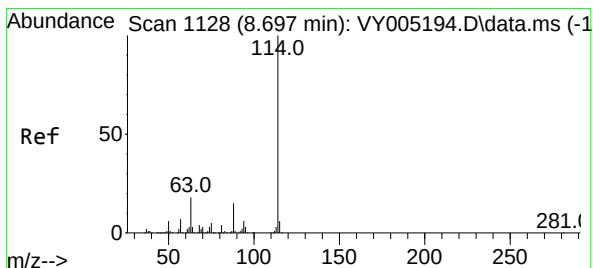
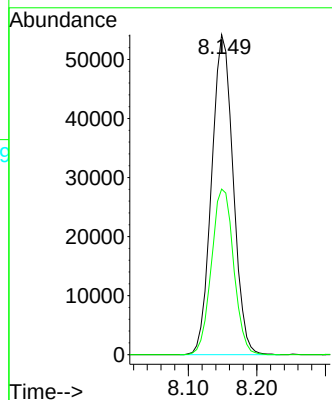
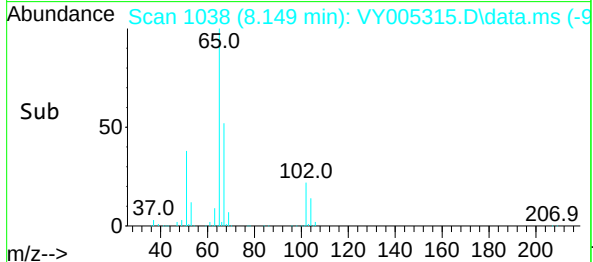
Instrument :
 MSVOA_Y
 ClientSampled :
 FS-04



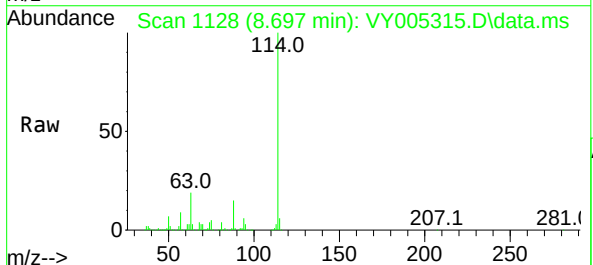
Tgt Ion: 65 Resp: 118342
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 110.6

Manual Integrations
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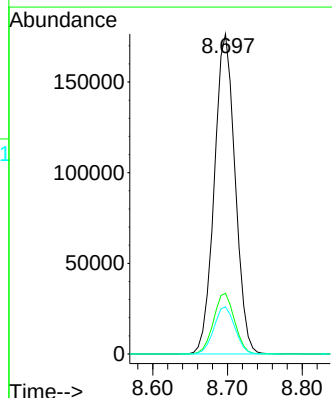
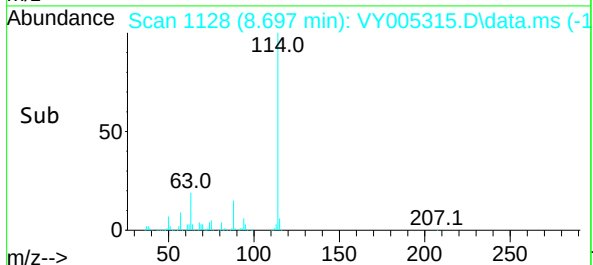
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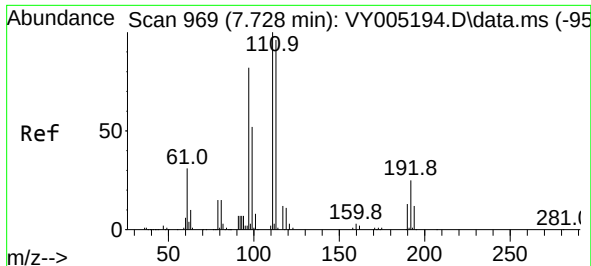


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY005315.D
 Acq: 01 Jul 2021 15:39



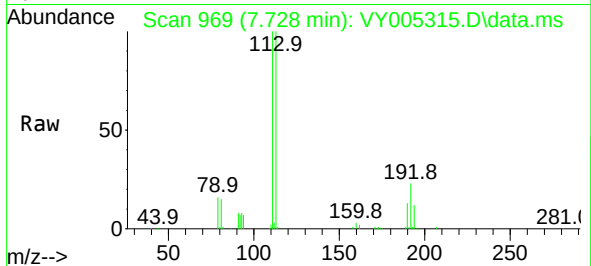
Tgt Ion: 114 Resp: 341197
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 35.2
 88 14.7 0.0 29.4





#35
Dibromofluoromethane
Concen: 54.084 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005315.D
Acq: 01 Jul 2021 15:39

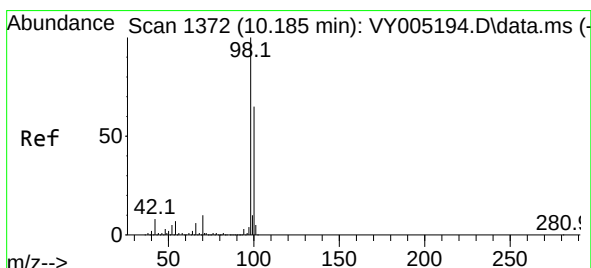
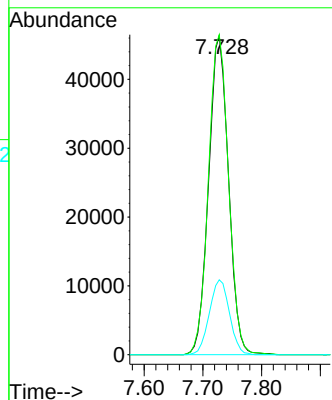
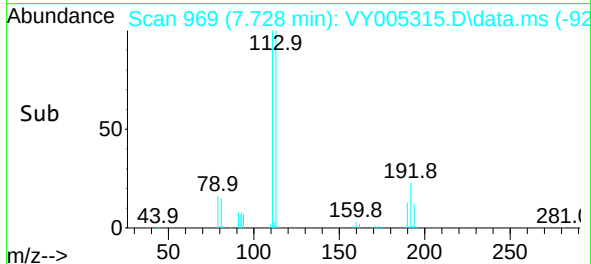
Instrument :
MSVOA_Y
ClientSampled :
FS-04



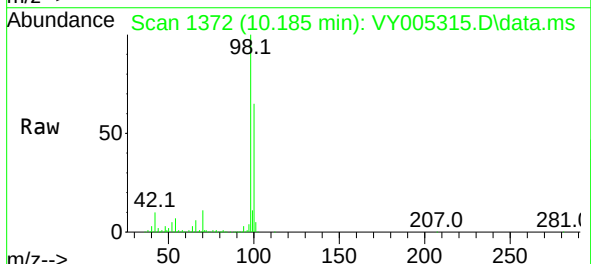
Tgt Ion:113 Resp: 108829
Ion Ratio Lower Upper
113 100
111 101.6 82.6 124.0
192 23.7 20.2 30.2

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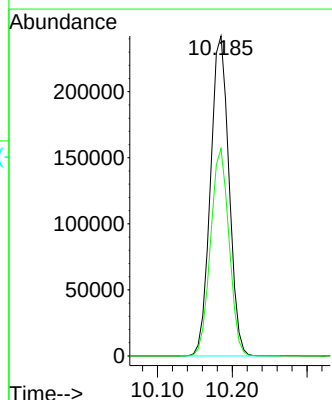
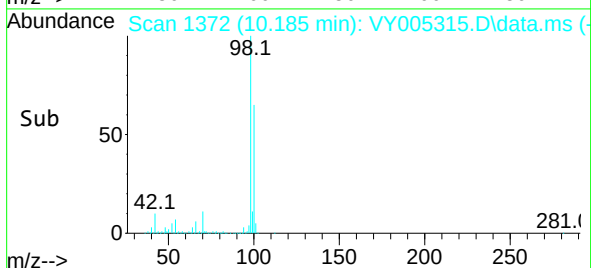
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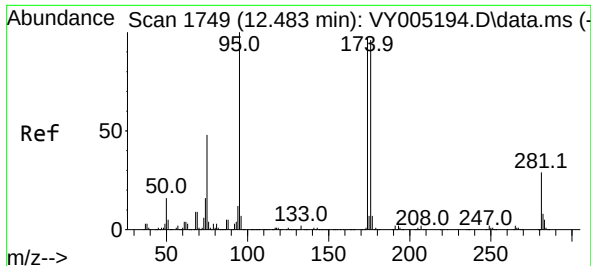


#50
Toluene-d8
Concen: 51.667 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005315.D
Acq: 01 Jul 2021 15:39



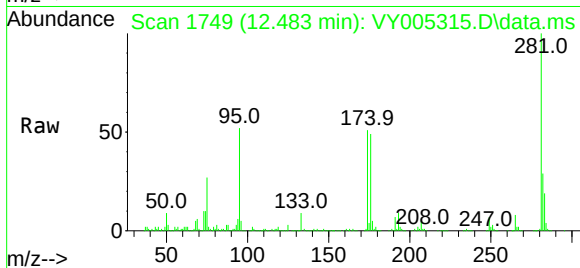
Tgt Ion: 98 Resp: 415769
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9





#62
4-Bromofluorobenzene
Concen: 46.669 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005315.D
Acq: 01 Jul 2021 15:39

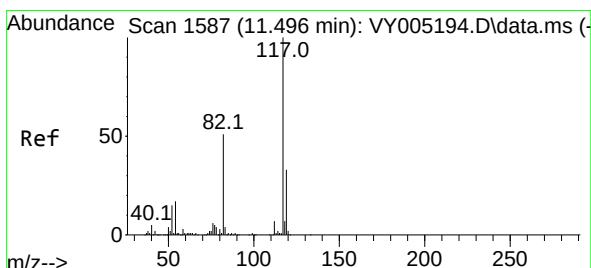
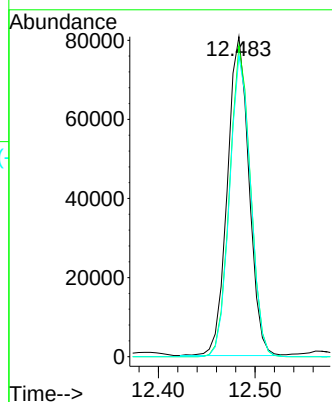
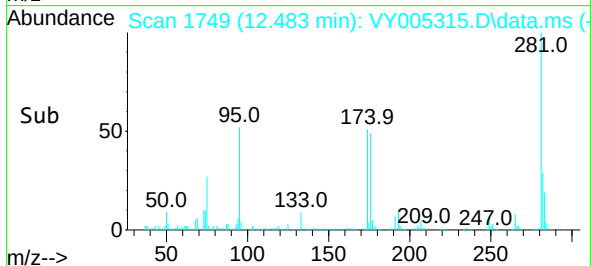
Instrument :
MSVOA_Y
ClientSampled :
FS-04



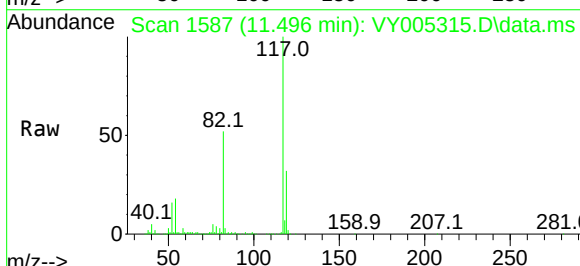
Tgt Ion: 95 Resp: 125144
Ion Ratio Lower Upper
95 100
174 93.9 0.0 201.6
176 92.1 0.0 197.4

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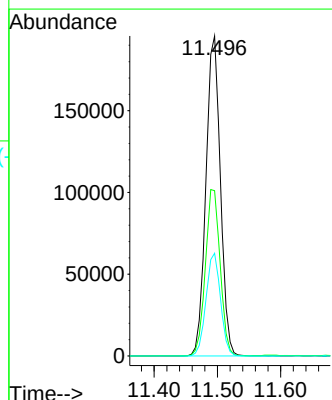
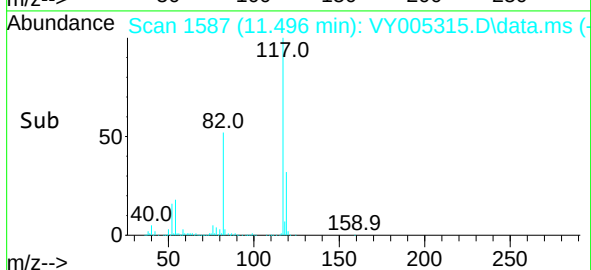
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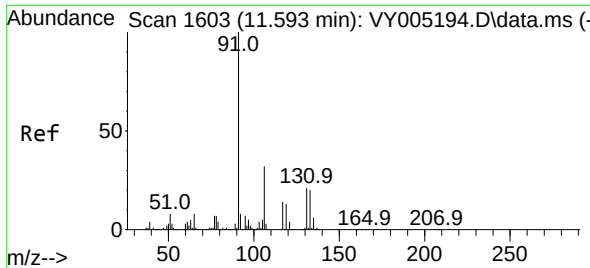


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005315.D
Acq: 01 Jul 2021 15:39



Tgt Ion: 117 Resp: 311654
Ion Ratio Lower Upper
117 100
82 51.6 40.6 60.8
119 32.1 26.1 39.1





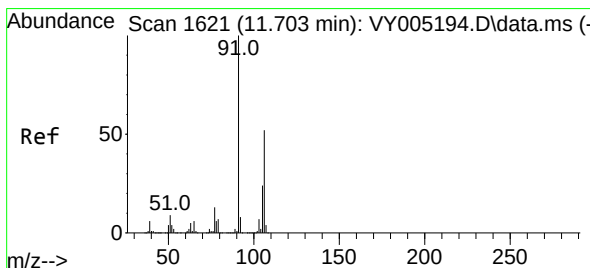
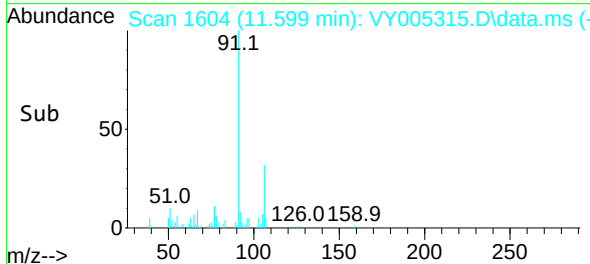
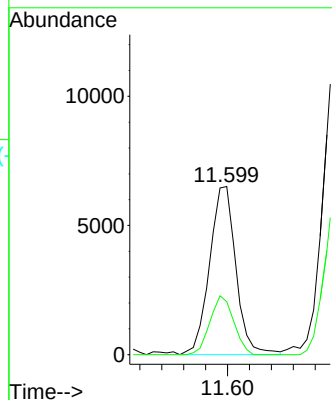
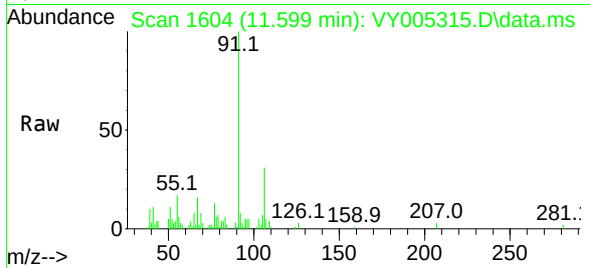
#67
Ethyl Benzene
Concen: 1.023 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY005315.D
Acq: 01 Jul 2021 15:39

Tgt Ion: 91 Resp: 10893
Ion Ratio Lower Upper
91 100
106 31.5 25.8 38.6

Instrument :
MSVOA_Y
ClientSampleId :
FS-04

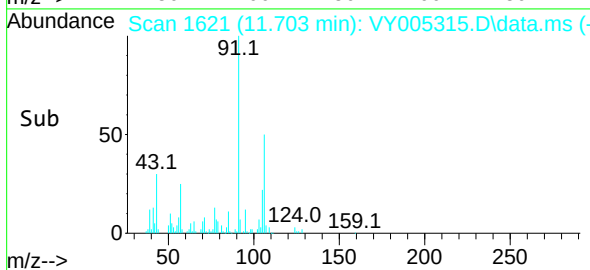
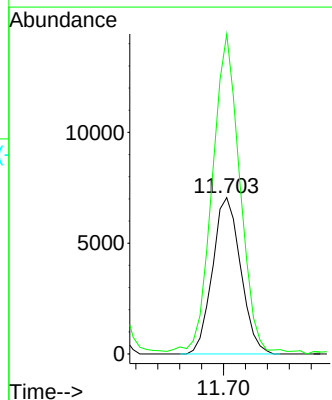
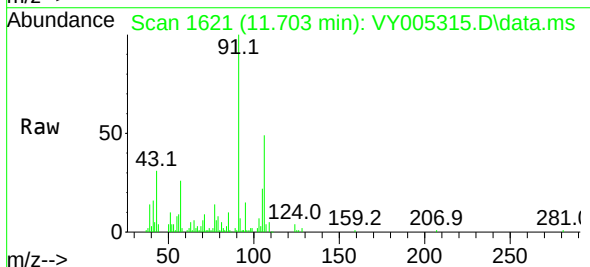
Manual Integrations
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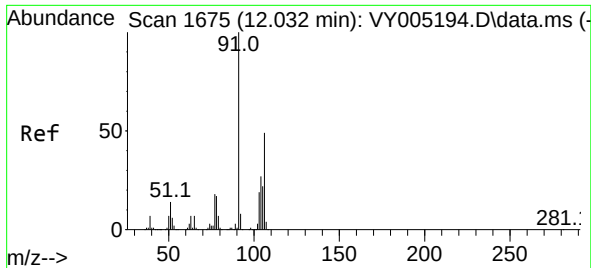
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#68
m/p-Xylenes
Concen: 2.949 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY005315.D
Acq: 01 Jul 2021 15:39

Tgt Ion: 106 Resp: 12583
Ion Ratio Lower Upper
106 100
91 202.7 154.8 232.2





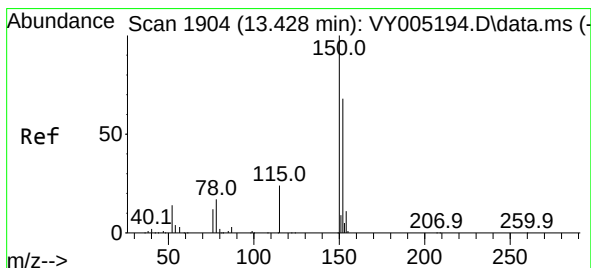
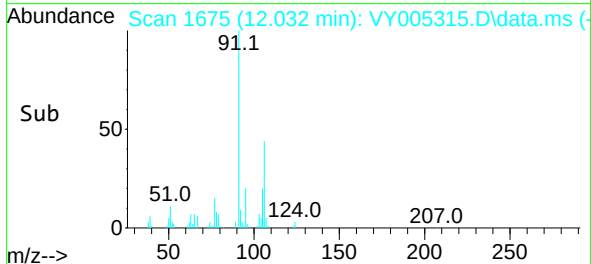
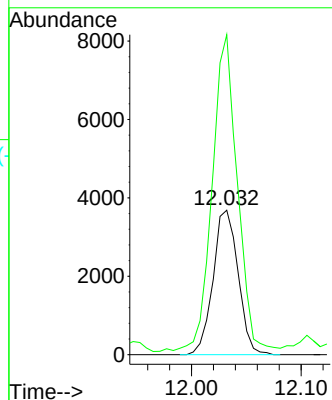
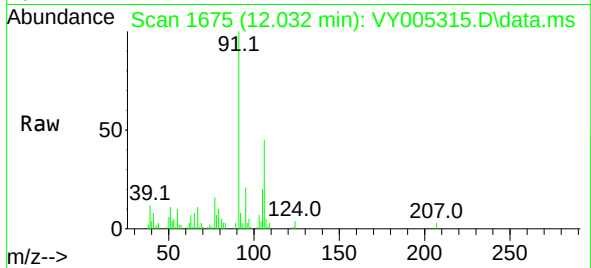
#69
o-Xylene
Concen: 1.448 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY005315.D
Acq: 01 Jul 2021 15:39

Tgt Ion:106 Resp: 5851
Ion Ratio Lower Upper
106 100
91 224.1 101.6 304.8

Instrument :
MSVOA_Y
ClientSampled :
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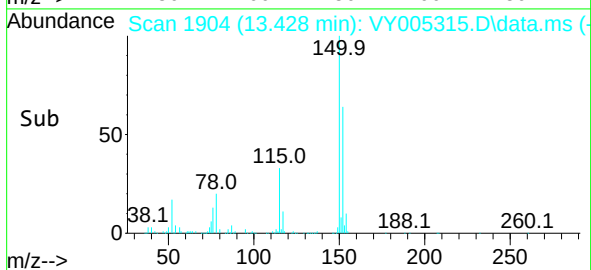
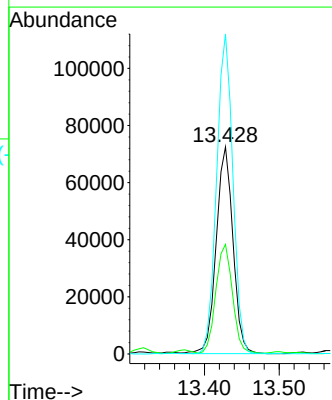
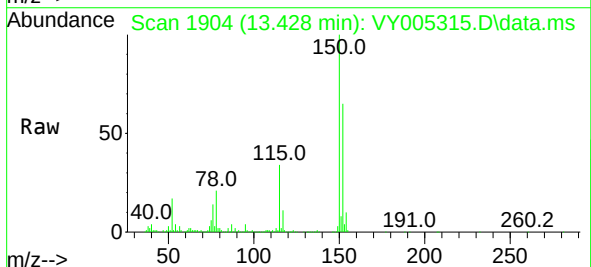
Manual Integrations
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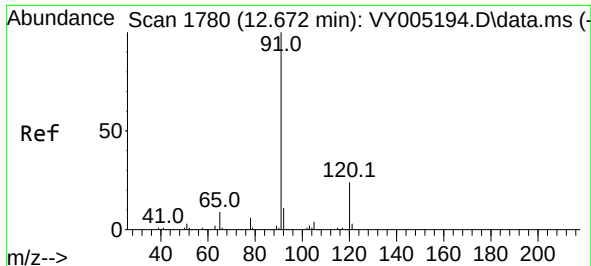
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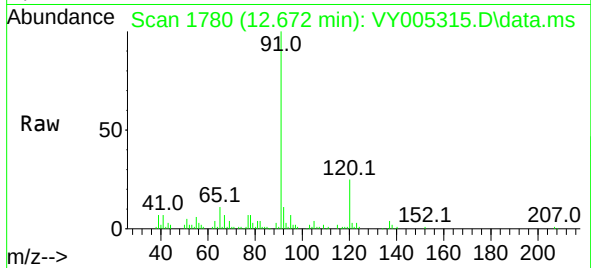
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005315.D
Acq: 01 Jul 2021 15:39

Tgt Ion:152 Resp: 113124
Ion Ratio Lower Upper
152 100
115 52.1 26.3 78.8
150 149.1 0.0 344.2

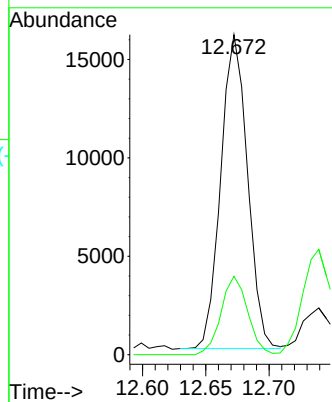
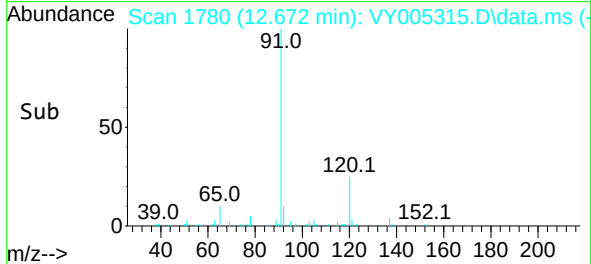




#78
n-propylbenzene
Concen: 2.707 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY005315.D
Acq: 01 Jul 2021 15:39



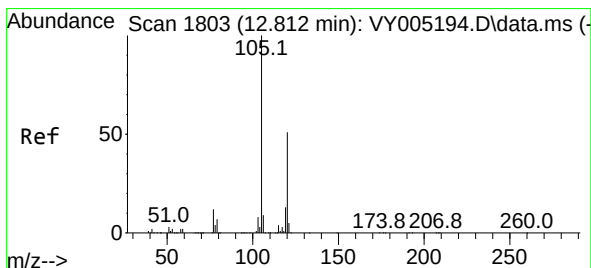
Tgt Ion: 91 Resp: 23418
Ion Ratio Lower Upper
91 100
120 24.8 12.4 37.0



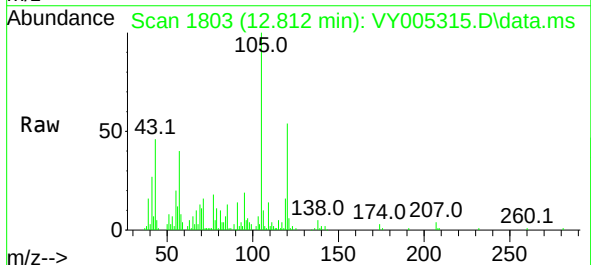
Instrument :
MSVOA_Y
ClientSampleId :
FS-04

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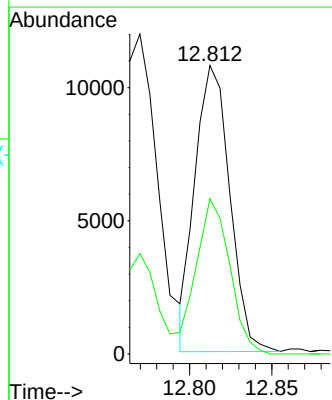
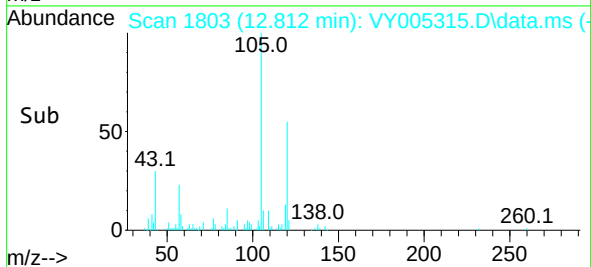
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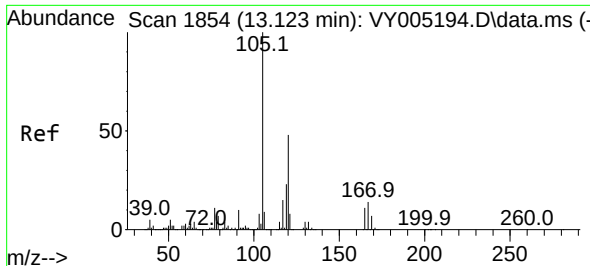


#80
1,3,5-Trimethylbenzene
Concen: 2.596 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY005315.D
Acq: 01 Jul 2021 15:39



Tgt Ion: 105 Resp: 15758
Ion Ratio Lower Upper
105 100
120 53.5 25.9 77.7





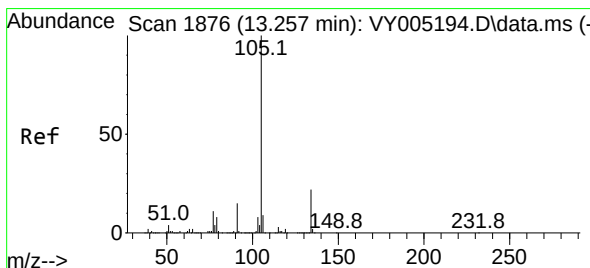
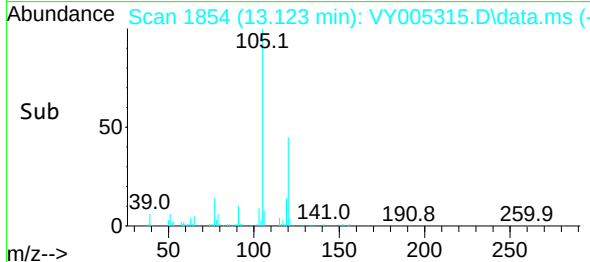
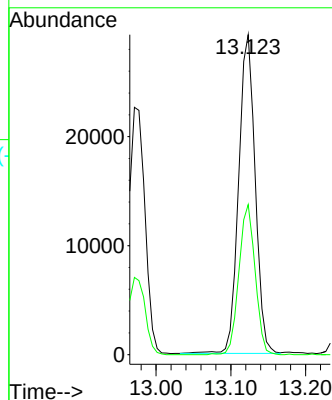
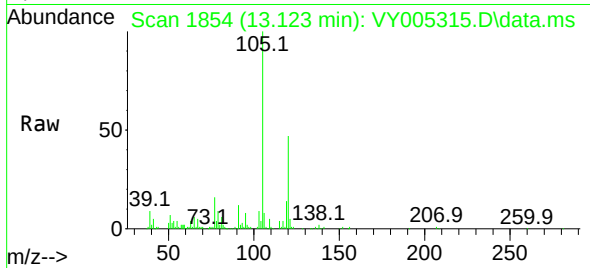
#84
1,2,4-Trimethylbenzene
Concen: 7.483 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY005315.D
Acq: 01 Jul 2021 15:39

Tgt Ion:105 Resp: 44904
Ion Ratio Lower Upper
105 100
120 46.2 23.6 71.0

Instrument :
MSVOA_Y
ClientSampled :
FS-04

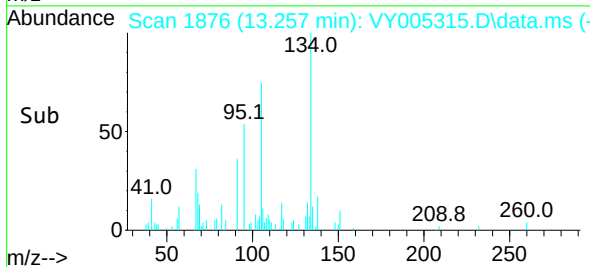
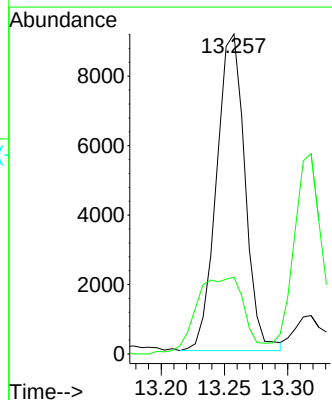
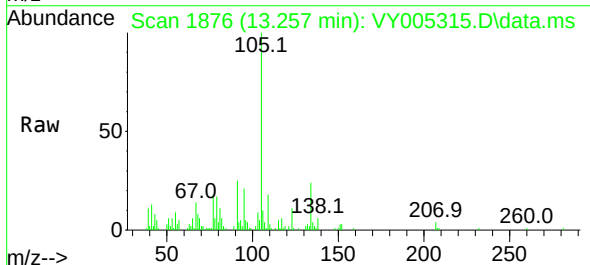
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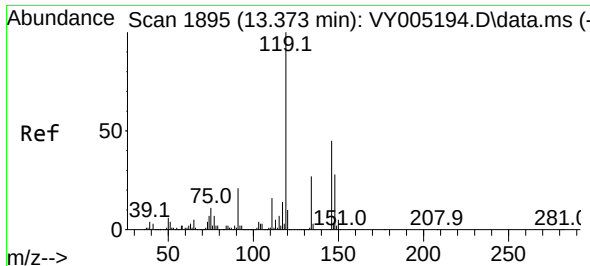
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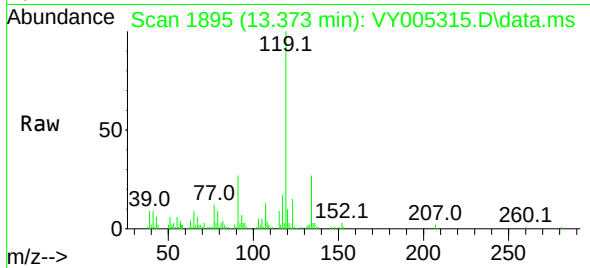
#85
sec-Butylbenzene
Concen: 1.815 ug/l
RT: 13.257 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VY005315.D
Acq: 01 Jul 2021 15:39

Tgt Ion:105 Resp: 14292
Ion Ratio Lower Upper
105 100
134 41.0 10.9 32.6#

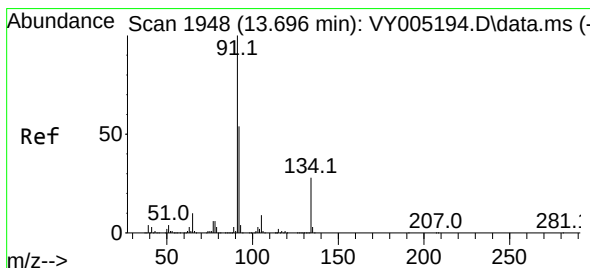
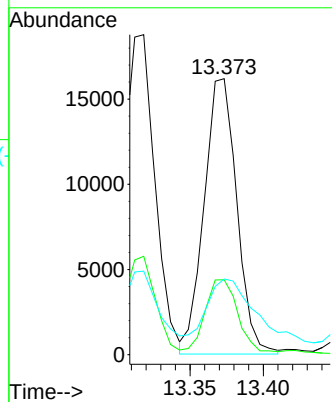
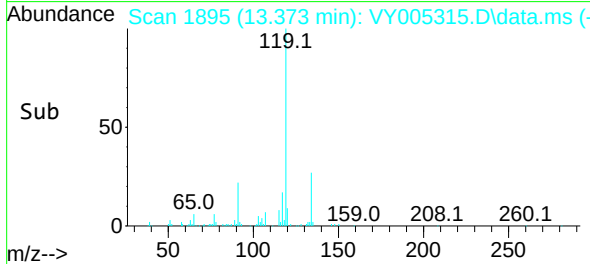




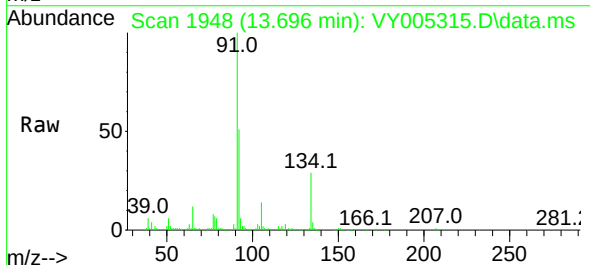
#86
p-Isopropyltoluene
Concen: 3.692 ug/l m
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY005315.D
Acq: 01 Jul 2021 15:39



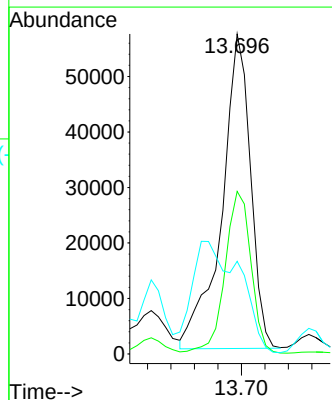
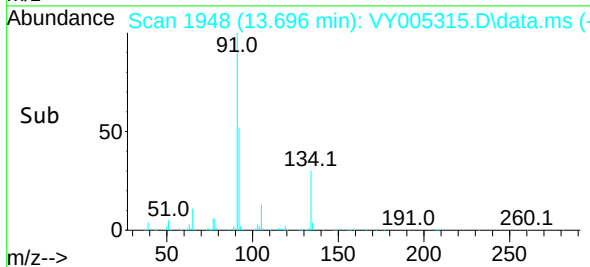
Tgt Ion:	119	Resp:	25075
Ion	Ratio	Lower	Upper
119	100		
134	33.9	13.9	41.6
91	25.9	10.8	32.3



#89
n-Butylbenzene
Concen: 16.156 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY005315.D
Acq: 01 Jul 2021 15:39



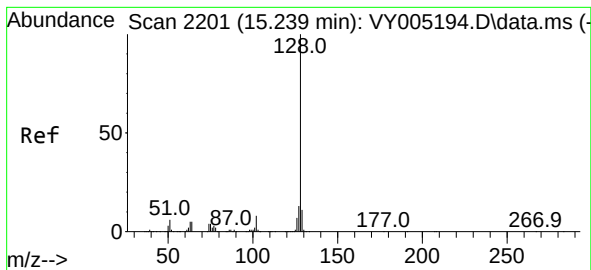
Tgt Ion:	91	Resp:	96403
Ion	Ratio	Lower	Upper
91	100		
92	46.4	27.0	81.0
134	0.0	14.6	44.0



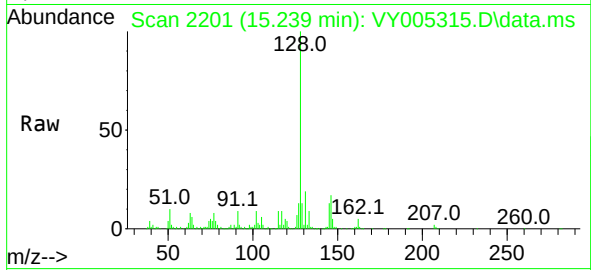
Instrument :
MSVOA_Y
ClientSampled :
FS-04

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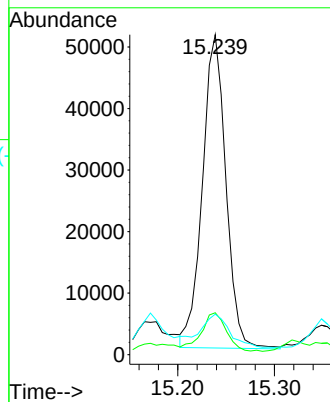
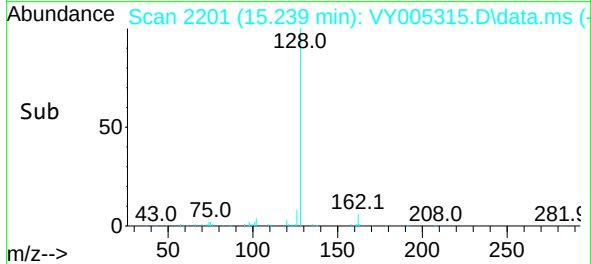
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#95
Naphthalene
Concen: 20.048 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY005315.D
Acq: 01 Jul 2021 15:39



Tgt Ion:128 Resp: 85938
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.4
129 13.0 8.7 13.1



Instrument :
MSVOA_Y
ClientSampleId :
FS-04

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