

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081921\
 Data File : VY005771.D
 Acq On : 19 Aug 2021 15:58
 Operator : SY/MD
 Sample : M3414-10
 Misc : 5.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-6B

Manual Integrations
 APPROVED

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Quant Time: Aug 20 06:57:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.801	168	174915	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	298436	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	310005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	163902	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	104625	59.091	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.180%	
35) Dibromofluoromethane	7.728	113	84919	50.823	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.640%	
50) Toluene-d8	10.185	98	389783	55.624	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.240%	
62) 4-Bromofluorobenzene	12.483	95	141418	60.942	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 121.880%	
Target Compounds						Qvalue
16) Acetone	3.954	43	11109	24.885	ug/l	96
39) Methylcyclohexane	9.191	83	22899m	6.430	ug/l	
67) Ethyl Benzene	11.593	91	20856	1.844	ug/l	97
68) m/p-Xylenes	11.709	106	16465	3.747	ug/l	94
73) Isopropylbenzene	12.331	105	45932	4.015	ug/l	100
78) n-propylbenzene	12.672	91	176495	12.989	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	26991	2.881	ug/l	98
85) sec-Butylbenzene	13.251	105	56249	4.577	ug/l #	55
89) n-Butylbenzene	13.696	91	95154	9.955	ug/l #	81
95) Naphthalene	15.239	128	24653	3.758	ug/l #	92

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

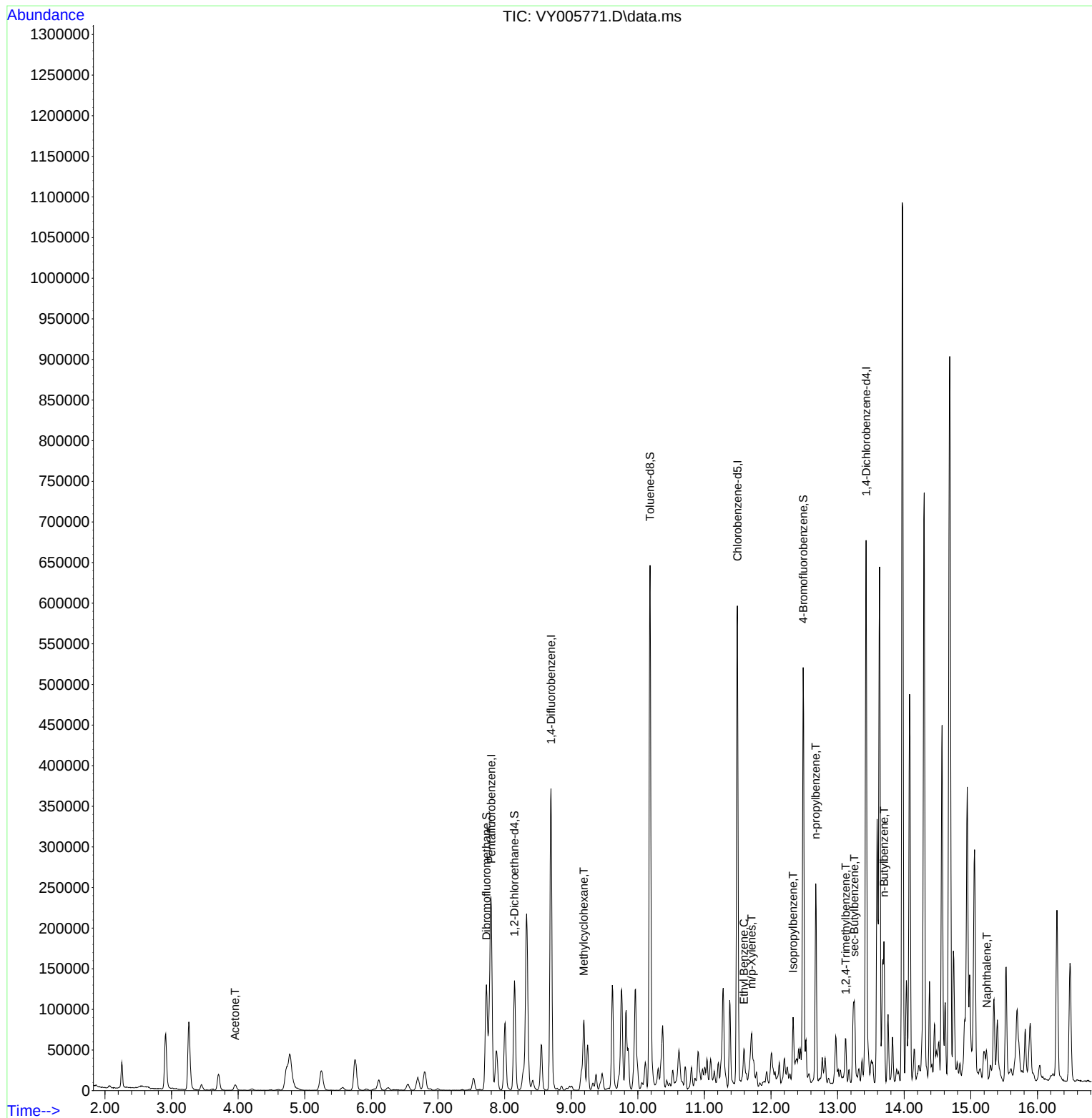
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Data File : VY005771.D
Acq On : 19 Aug 2021 15:58
Operator : SY/MD
Sample : M3414-10
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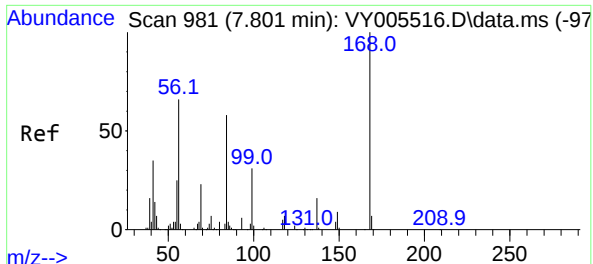
Instrument :
MSVOA_Y
ClientSampleId :
B-6B

Quant Time: Aug 20 06:57:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 03 04:52:05 2021
Response via : Initial Calibration

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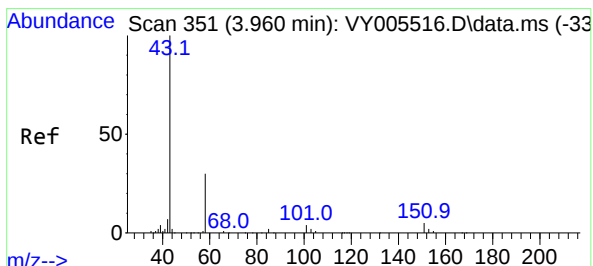
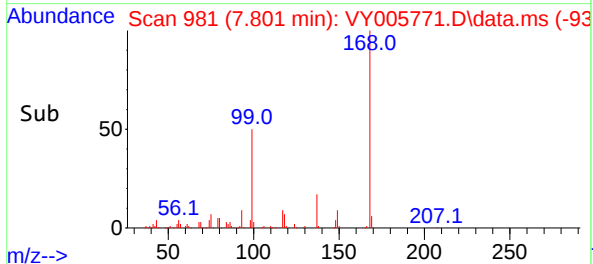
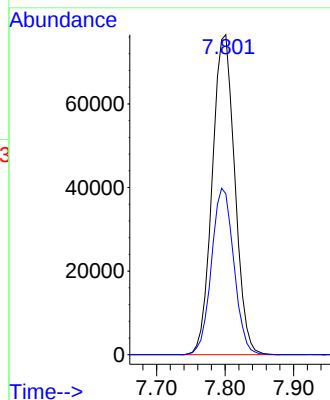
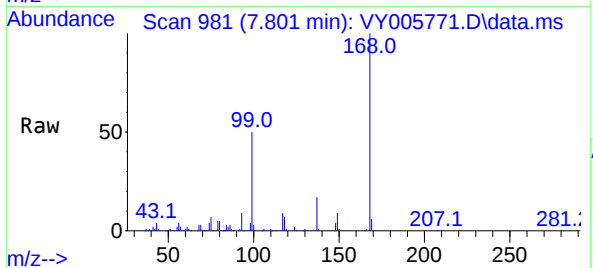
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005771.D
Acq: 19 Aug 2021 15:58

Tgt Ion: 168 Resp: 174915
Ion Ratio Lower Upper
168 100
99 50.3 38.9 58.3

Instrument :
MSVOA_Y
ClientSampled :
B-6B

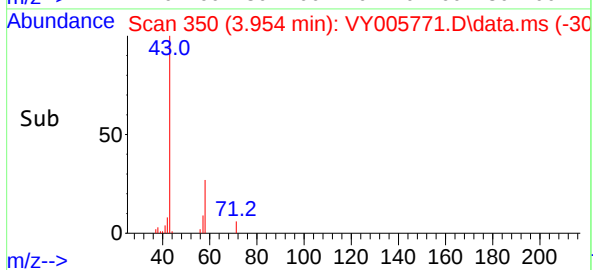
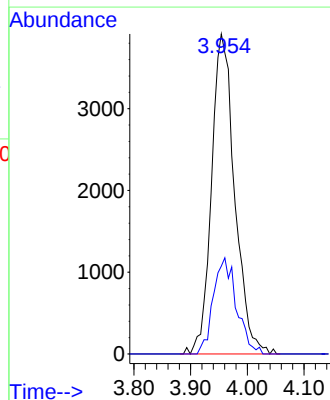
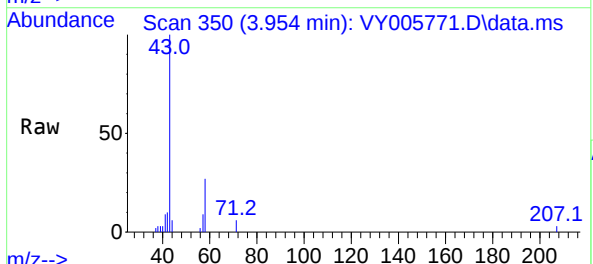
Manual Integrations
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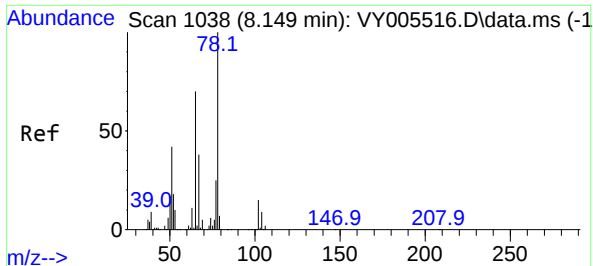
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#16
Acetone
Concen: 24.885 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005771.D
Acq: 19 Aug 2021 15:58

Tgt Ion: 43 Resp: 11109
Ion Ratio Lower Upper
43 100
58 27.4 23.8 35.6





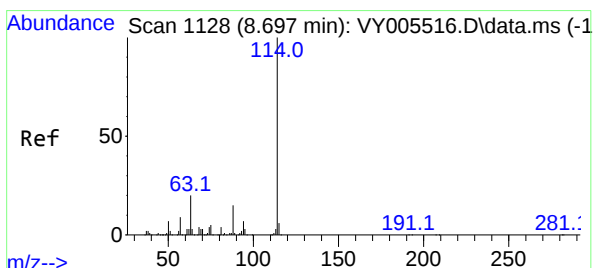
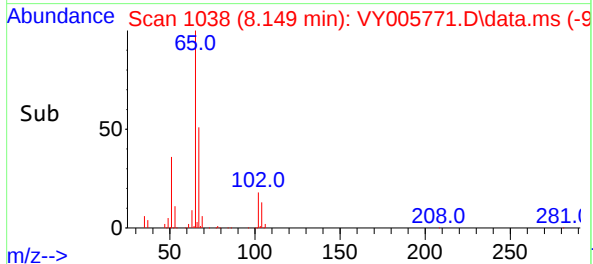
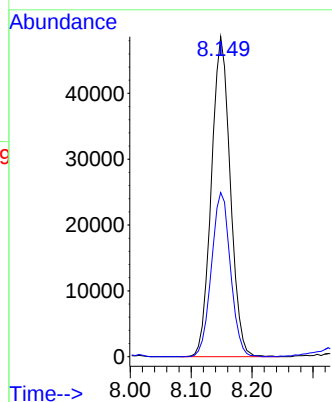
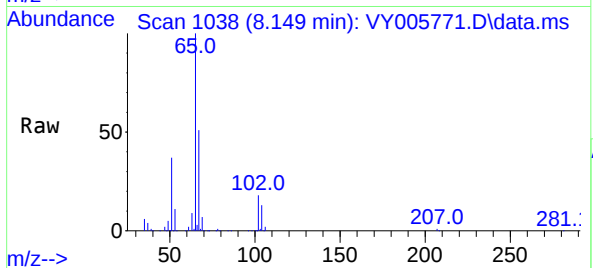
#33
1,2-Dichloroethane-d4
Concen: 59.091 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005771.D
Acq: 19 Aug 2021 15:58

Tgt Ion: 65 Resp: 104625
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.4

Instrument :
MSVOA_Y
ClientSampleId :
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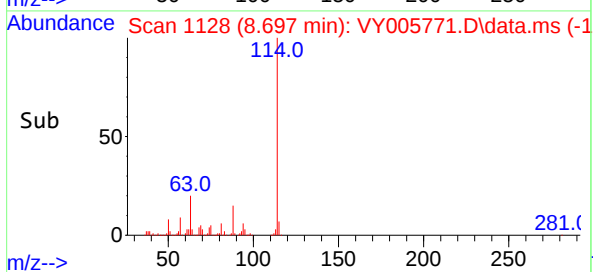
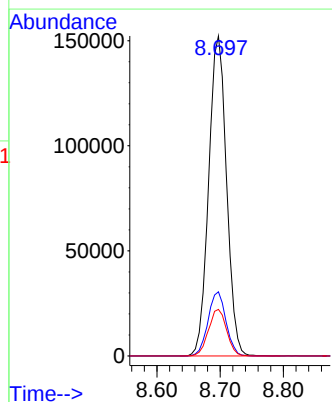
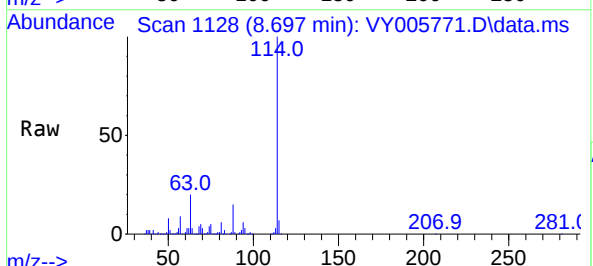
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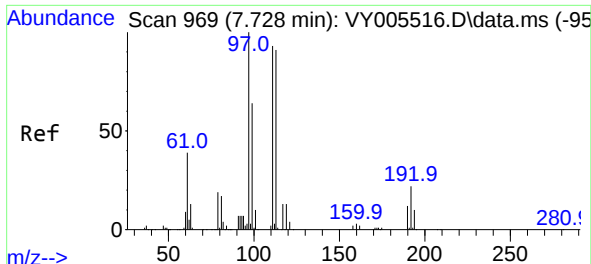
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#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005771.D
Acq: 19 Aug 2021 15:58

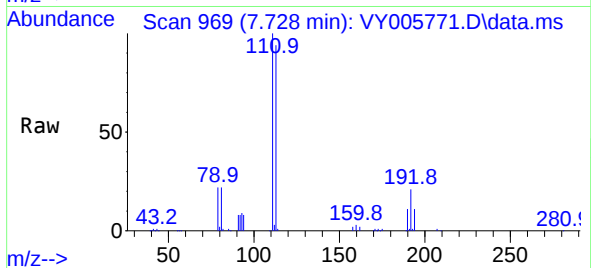
Tgt Ion: 114 Resp: 298436
Ion Ratio Lower Upper
114 100
63 20.0 0.0 39.2
88 14.5 0.0 30.8





#35
Dibromofluoromethane
Concen: 50.823 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005771.D
Acq: 19 Aug 2021 15:58

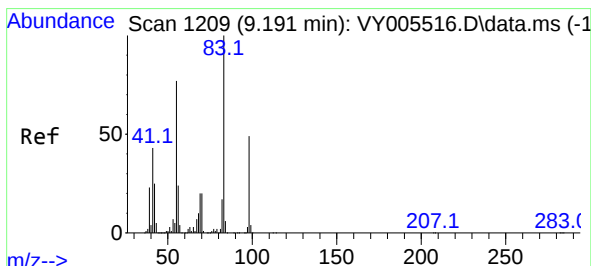
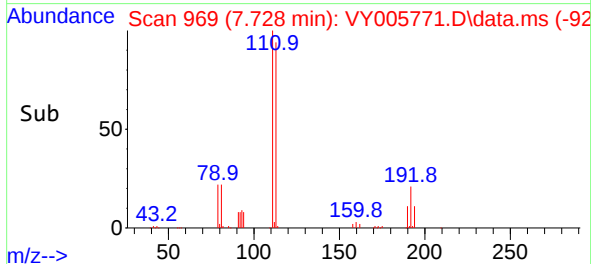
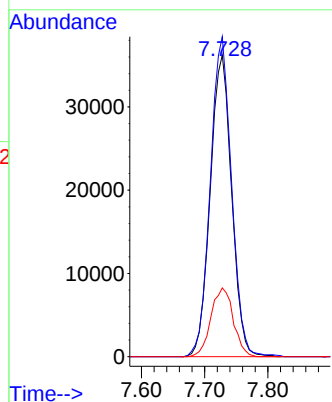
Instrument :
MSVOA_Y
ClientSampleId :
B-6B



Tgt Ion: 113 Resp: 84919
Ion Ratio Lower Upper
113 100
111 105.5 81.9 122.9
192 23.8 19.2 28.8

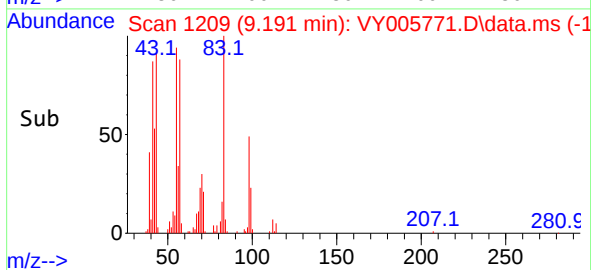
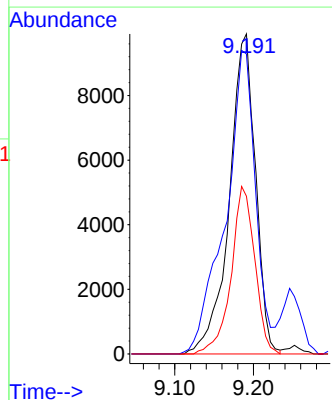
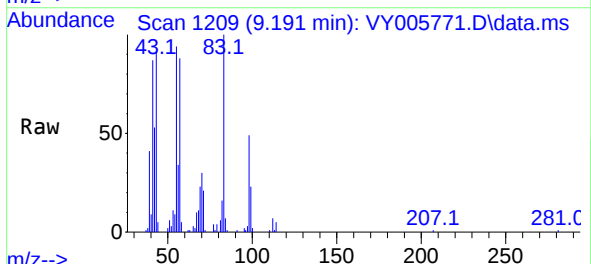
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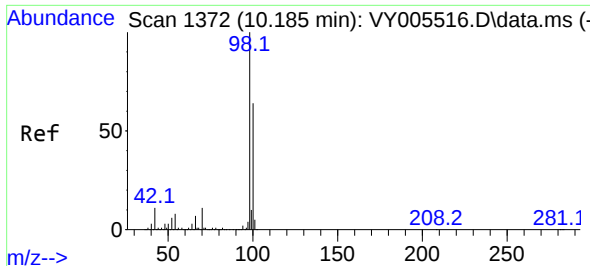
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#39
Methylcyclohexane
Concen: 6.430 ug/l m
RT: 9.191 min Scan# 1209
Delta R.T. -0.000 min
Lab File: VY005771.D
Acq: 19 Aug 2021 15:58

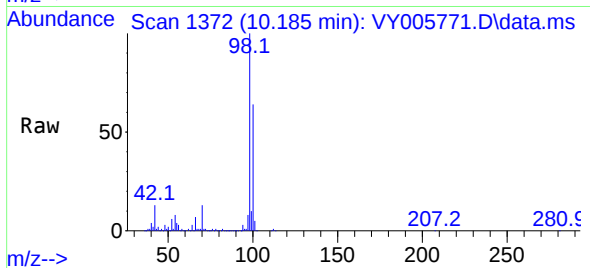
Tgt Ion: 83 Resp: 22899
Ion Ratio Lower Upper
83 100
55 93.8 61.7 92.5#
98 49.3 38.9 58.3





#50
Toluene-d8
Concen: 55.624 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005771.D
Acq: 19 Aug 2021 15:58

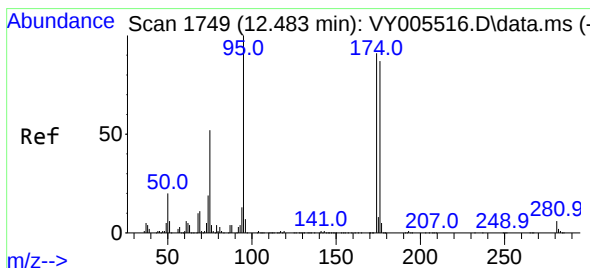
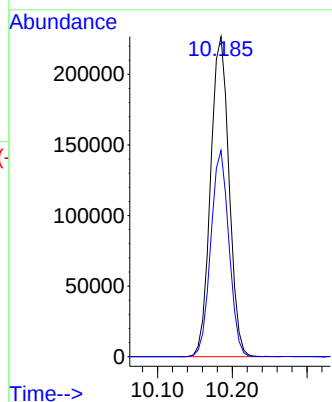
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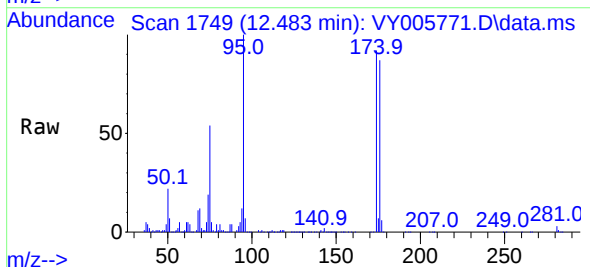
Tgt Ion: 98 Resp: 389783
Ion Ratio Lower Upper
98 100
100 63.3 51.3 76.9

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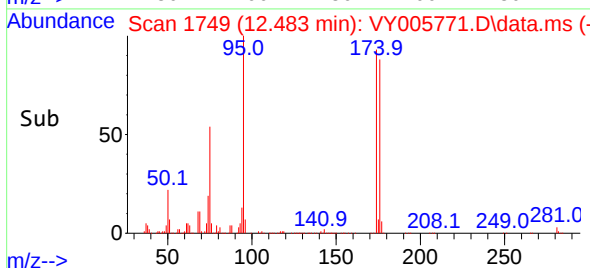
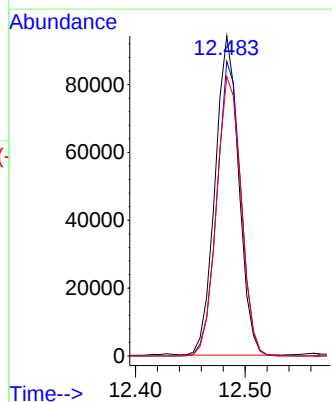
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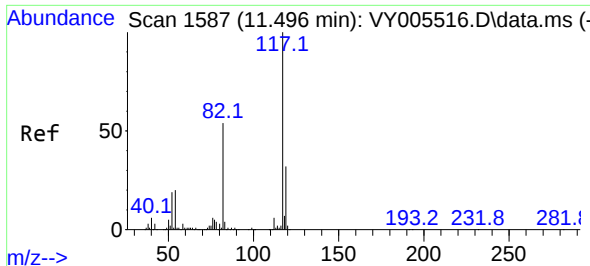


#62
4-Bromofluorobenzene
Concen: 60.942 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005771.D
Acq: 19 Aug 2021 15:58



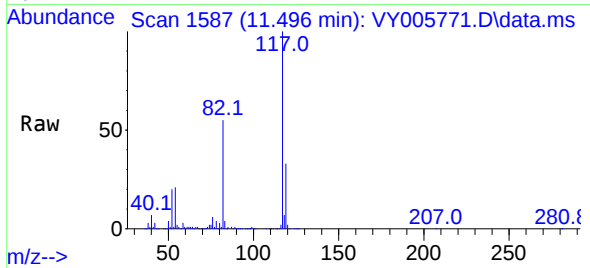
Tgt Ion: 95 Resp: 141418
Ion Ratio Lower Upper
95 100
174 93.0 0.0 191.4
176 90.2 0.0 183.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005771.D
Acq: 19 Aug 2021 15:58

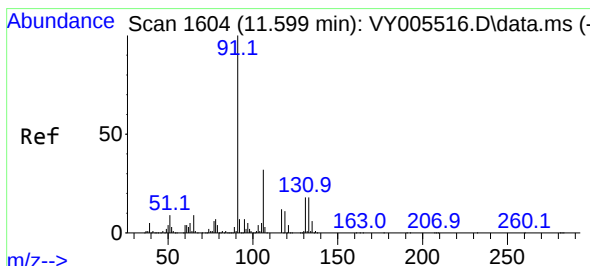
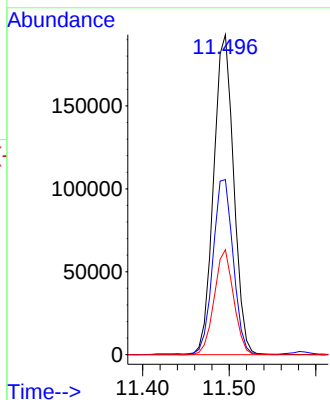
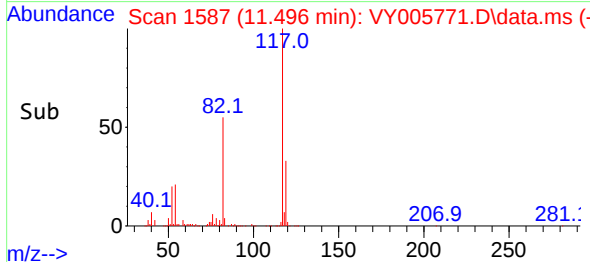
Instrument :
MSVOA_Y
ClientSampled :
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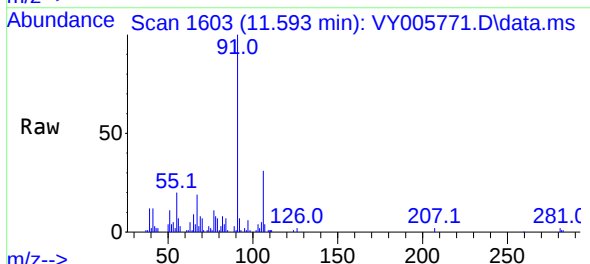
Tgt Ion:117 Resp: 310005
Ion Ratio Lower Upper
117 100
82 54.5 43.5 65.3
119 32.8 25.5 38.3

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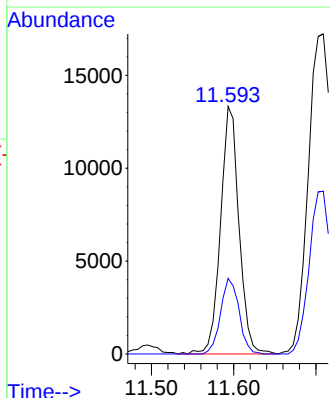
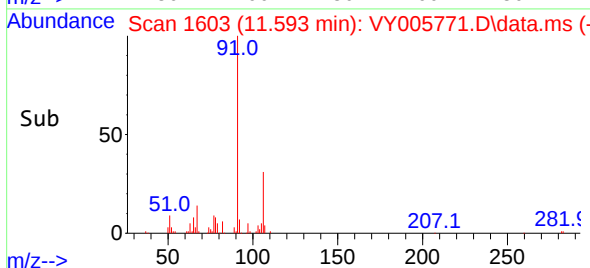
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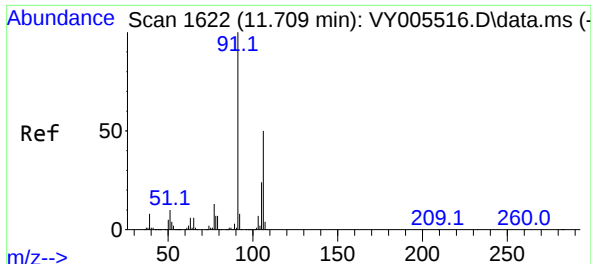


#67
Ethyl Benzene
Concen: 1.844 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY005771.D
Acq: 19 Aug 2021 15:58



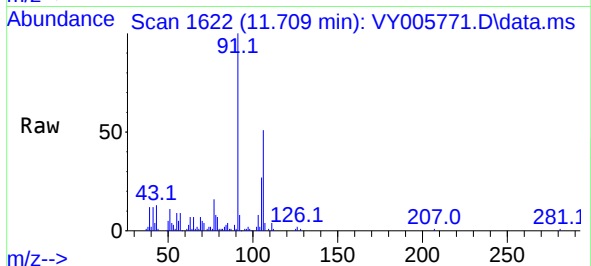
Tgt Ion: 91 Resp: 20856
Ion Ratio Lower Upper
91 100
106 30.5 25.8 38.6





#68
m/p-Xylenes
Concen: 3.747 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. -0.000 min
Lab File: VY005771.D
Acq: 19 Aug 2021 15:58

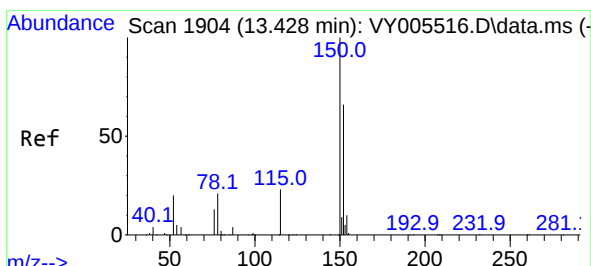
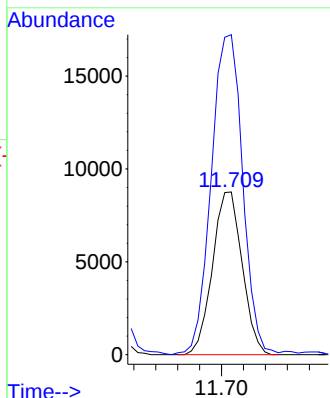
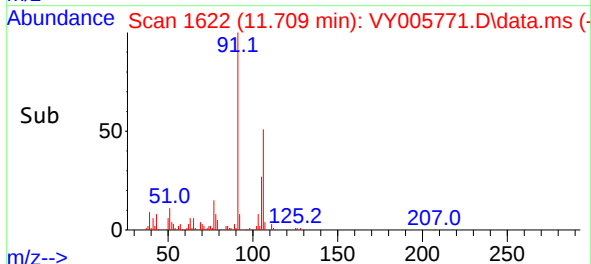
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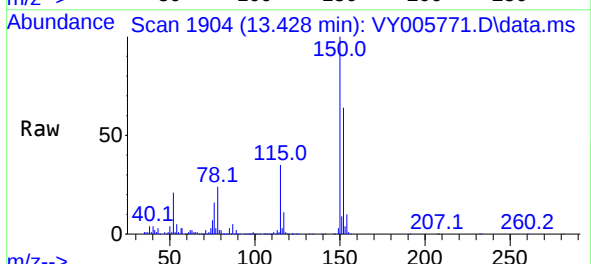
Tgt Ion:106 Resp: 16465
Ion Ratio Lower Upper
106 100
91 209.0 159.6 239.4

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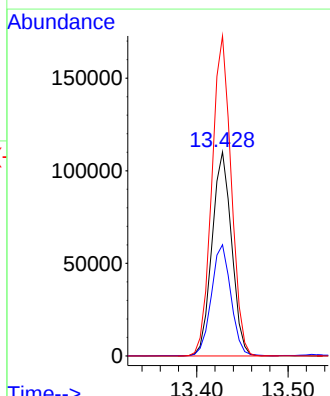
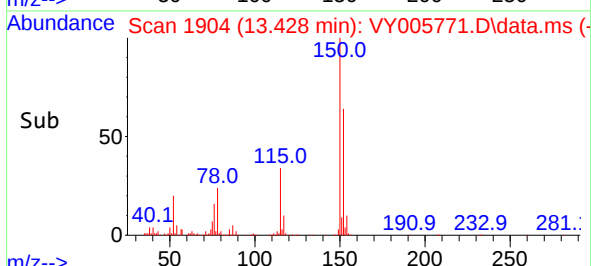
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8/20/2021 2:14:51 PM

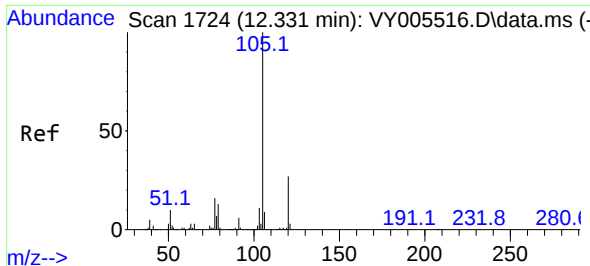


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005771.D
Acq: 19 Aug 2021 15:58



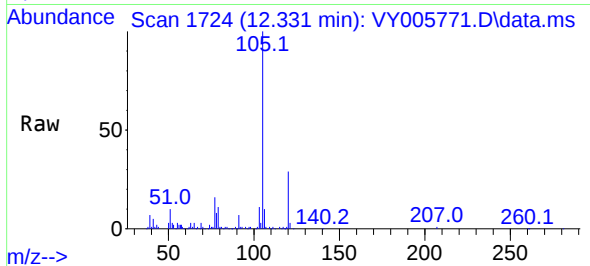
Tgt Ion:152 Resp: 163902
Ion Ratio Lower Upper
152 100
115 54.2 27.3 81.9
150 155.3 0.0 350.2





#73
Isopropylbenzene
Concen: 4.015 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY005771.D
Acq: 19 Aug 2021 15:58

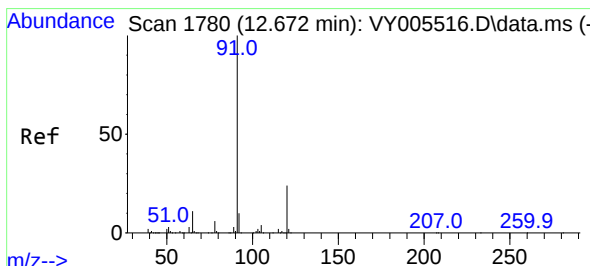
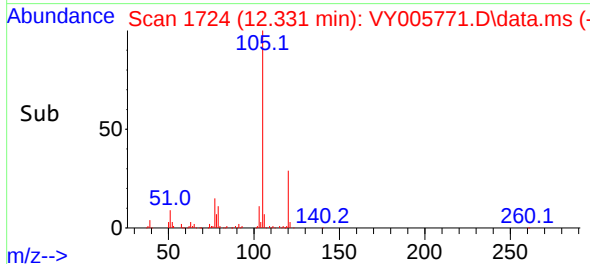
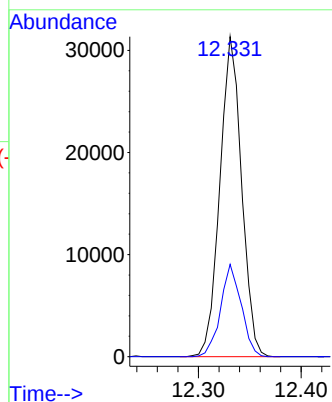
Instrument :
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ClientSampleId :
B-6B



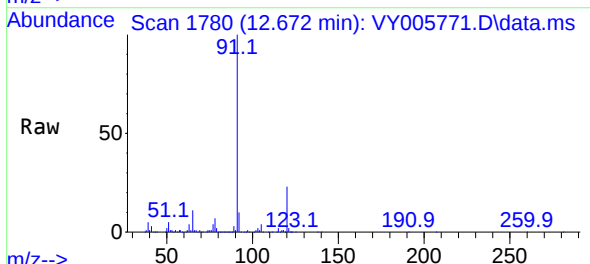
Tgt Ion:105 Resp: 45932
Ion Ratio Lower Upper
105 100
120 27.5 13.7 41.1

Manual Integrations
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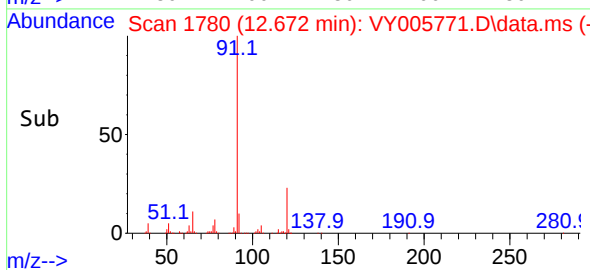
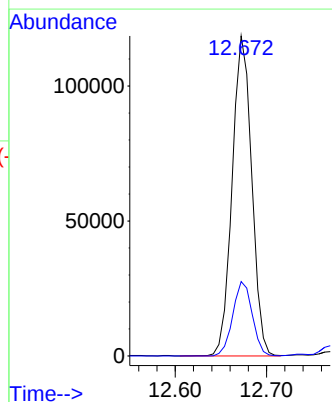
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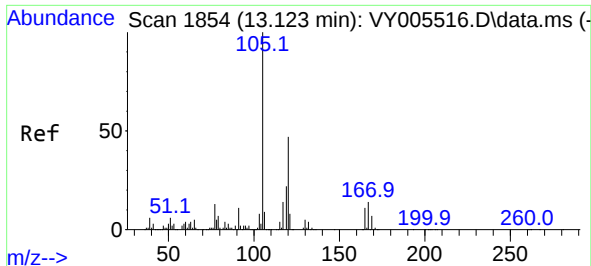


#78
n-propylbenzene
Concen: 12.989 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY005771.D
Acq: 19 Aug 2021 15:58



Tgt Ion: 91 Resp: 176495
Ion Ratio Lower Upper
91 100
120 23.2 11.9 35.9





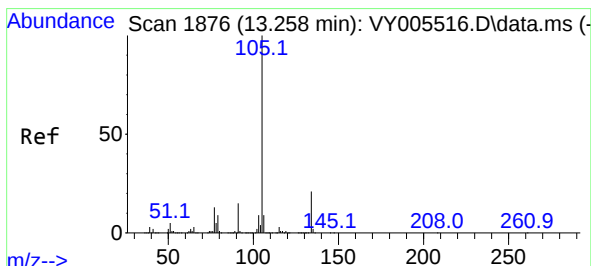
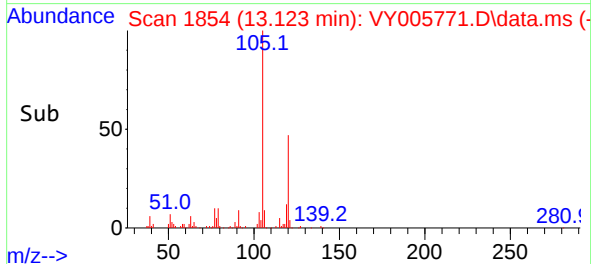
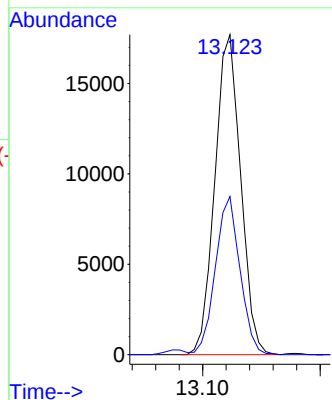
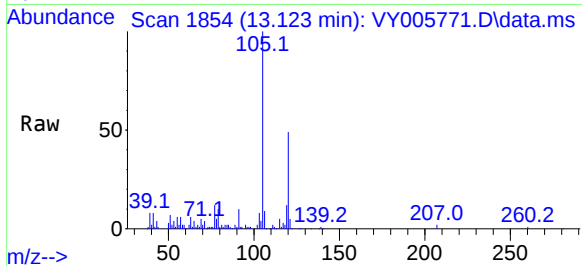
#84
1,2,4-Trimethylbenzene
Concen: 2.881 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY005771.D
Acq: 19 Aug 2021 15:58

Tgt Ion:105 Resp: 26991
Ion Ratio Lower Upper
105 100
120 47.2 22.9 68.5

Instrument :
MSVOA_Y
ClientSampleId :
B-6B

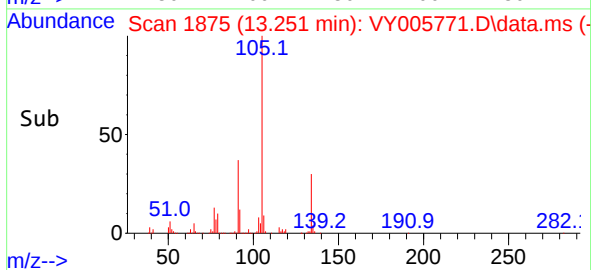
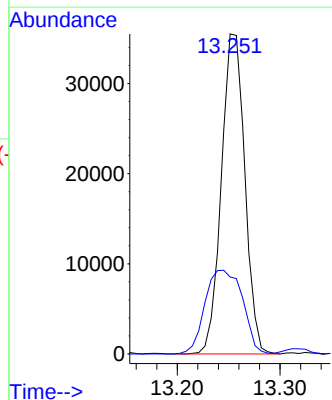
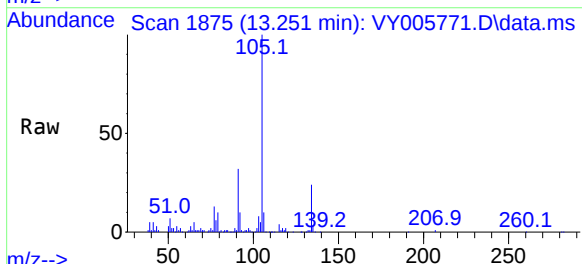
Manual Integrations
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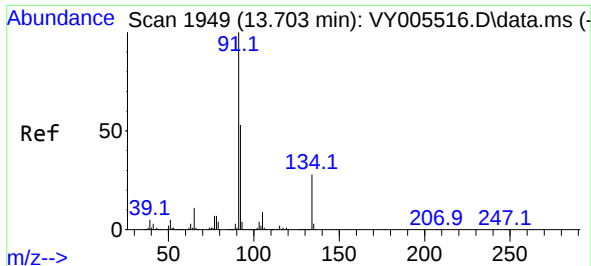
MMDadoda
8/20/2021 2:14:51 PM



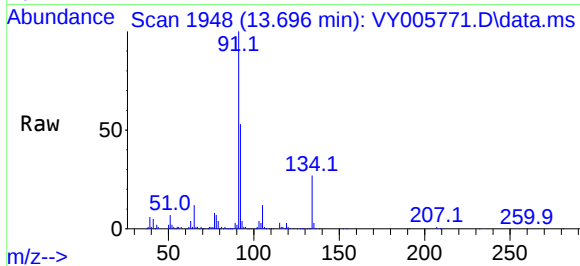
#85
sec-Butylbenzene
Concen: 4.577 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VY005771.D
Acq: 19 Aug 2021 15:58

Tgt Ion:105 Resp: 56249
Ion Ratio Lower Upper
105 100
134 41.9 10.5 31.5#

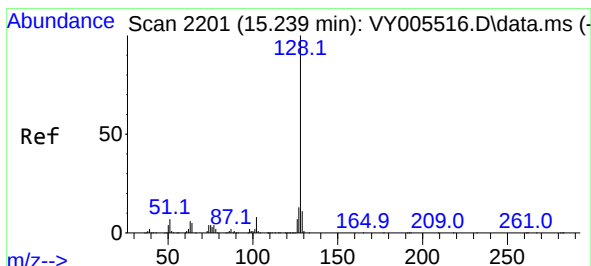
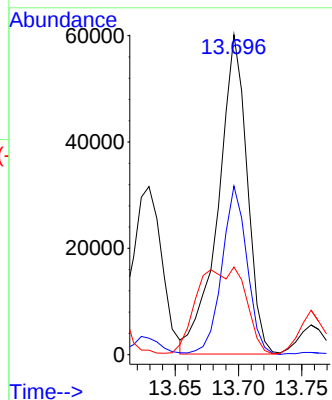
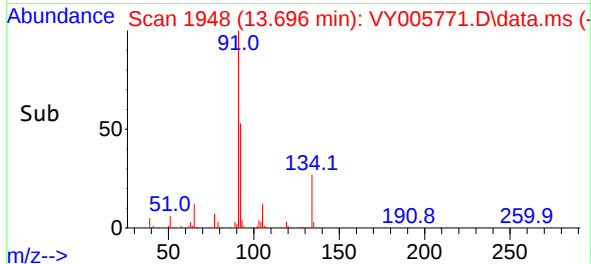




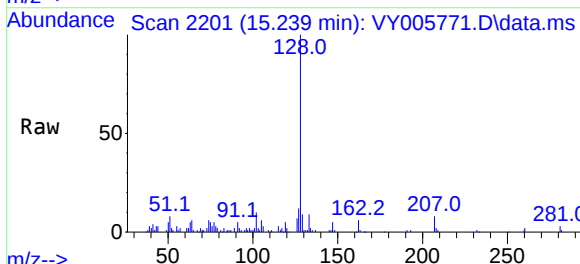
#89
n-Butylbenzene
Concen: 9.955 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY005771.D
Acq: 19 Aug 2021 15:58



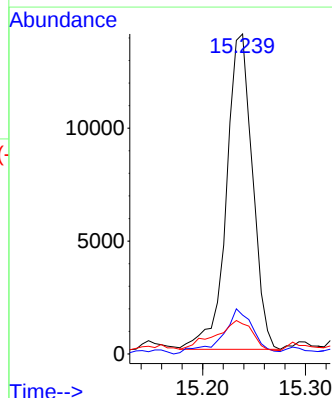
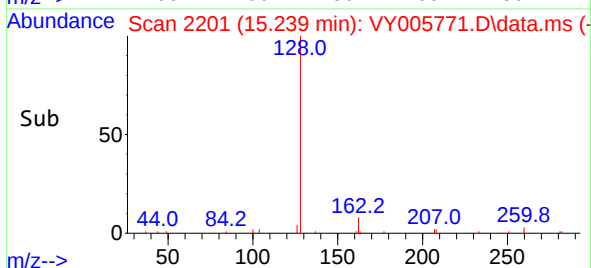
Tgt Ion: 91 Resp: 95154
Ion Ratio Lower Upper
91 100
92 45.8 26.7 80.1
134 46.1 13.8 41.4#



#95
Naphthalene
Concen: 3.758 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY005771.D
Acq: 19 Aug 2021 15:58



Tgt Ion: 128 Resp: 24653
Ion Ratio Lower Upper
128 100
127 16.9 10.6 15.8#
129 13.6 8.7 13.1#



Instrument :
MSVOA_Y
ClientSampled :
B-6B

Manual Integrations
APPROVED

MMDadoda
8/20/2021 2:14:51 PM