

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051321\
 Data File : VY004768.D
 Acq On : 13 May 2021 17:31
 Operator : SY/MD
 Sample : M2383-06
 Misc : 3.19G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUP-01-05112021

Manual Integrations
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Quant Time: May 14 02:30:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	151589	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	273152	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	259532	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	125619	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	102292	56.69	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.38%			
35) Dibromofluoromethane	7.728	113	84790	56.70	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.40%			
50) Toluene-d8	10.185	98	340130	50.35	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.70%			
62) 4-Bromofluorobenzene	12.483	95	119024	52.21	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.42%			
Target Compounds					Qvalue	
16) Acetone	3.966	43	12476	30.78	ug/l	90
17) Carbon Disulfide	4.204	76	3695950	807.73	ug/l	100
30) Chloroform	7.521	83	4367	1.40	ug/l	93
40) Benzene	8.173	78	394138	49.80	ug/l	100
52) Toluene	10.252	92	76865	15.38	ug/l	97
67) Ethyl Benzene	11.599	91	1046733	105.48	ug/l	98
68) m/p-Xylenes	11.709	106	719748	193.03	ug/l	100
69) o-Xylene	12.032	106	259449	74.45	ug/l	98
73) Isopropylbenzene	12.331	105	80665	8.51	ug/l	99
78) n-propylbenzene	12.672	91	454305	39.28	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	735052	93.39	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	2750417	349.15	ug/l	100
85) sec-Butylbenzene	13.257	105	19902m	2.04	ug/l	
86) p-Isopropyltoluene	13.373	119	46045	5.44	ug/l	96
89) n-Butylbenzene	13.696	91	32406	3.91	ug/l #	67
95) Naphthalene	15.239	128	15553768	3013.47	ug/l #	92

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

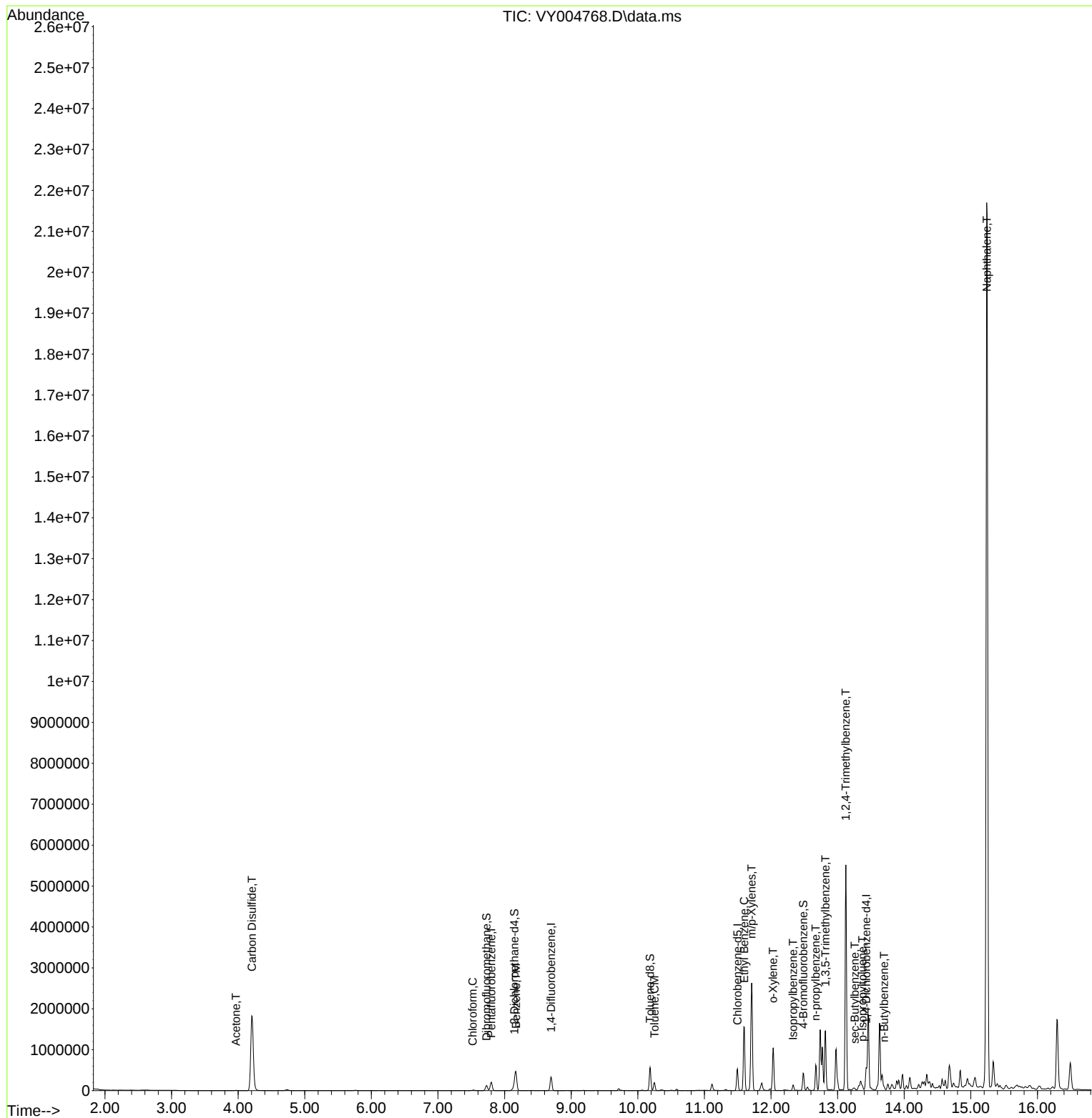
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Data File : VY004768.D
Acq On : 13 May 2021 17:31
Operator : SY/MD
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ALS Vial : 14 Sample Multiplier: 1

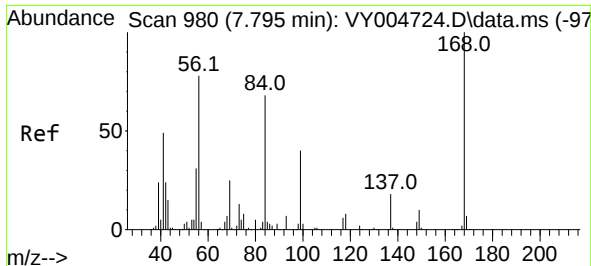
Instrument :
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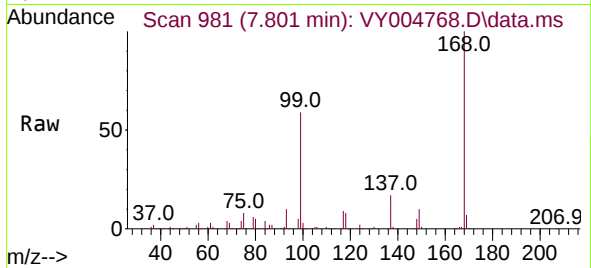
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Quant Time: May 14 02:30:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260
QLast Update : Tue May 11 04:13:44 2021
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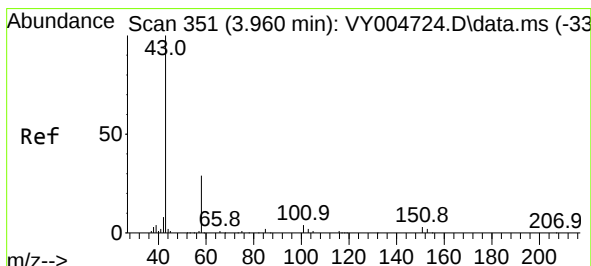
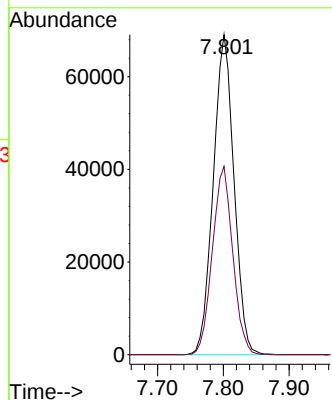
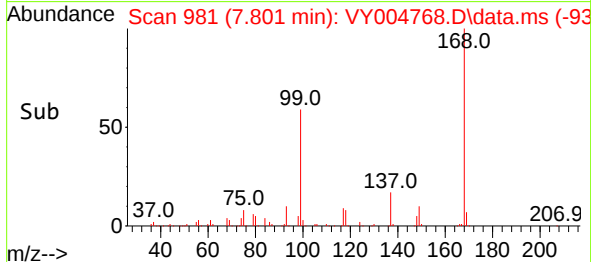




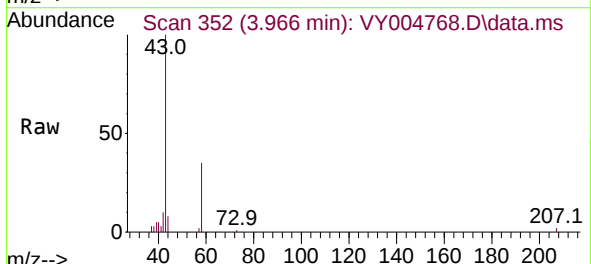
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004768.D
Acq: 13 May 2021 17:31



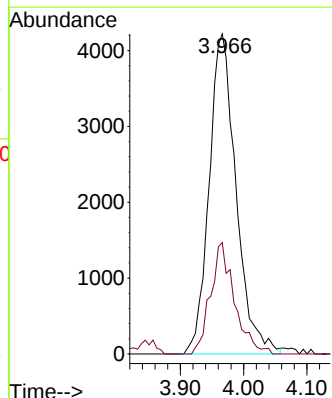
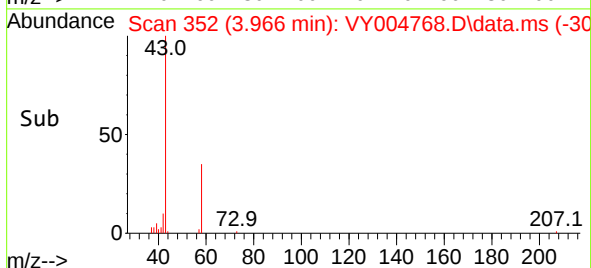
Tgt Ion: 168 Resp: 151589
Ion Ratio Lower Upper
168 100
99 58.8 45.6 68.4



#16
Acetone
Concen: 30.78 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004768.D
Acq: 13 May 2021 17:31



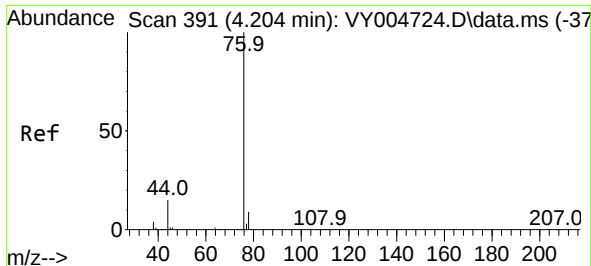
Tgt Ion: 43 Resp: 12476
Ion Ratio Lower Upper
43 100
58 34.8 23.6 35.4



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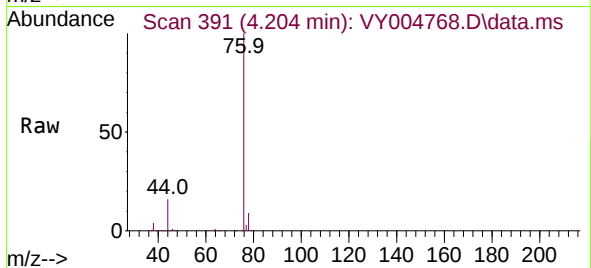
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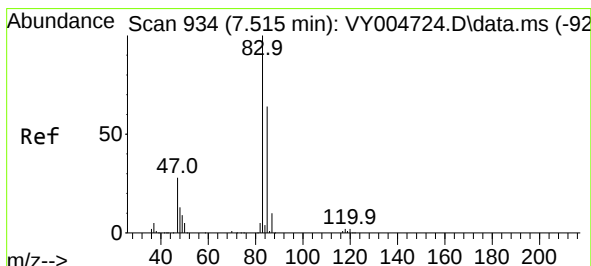
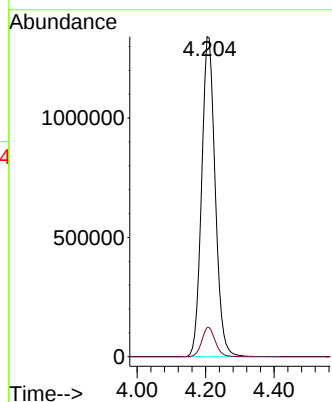
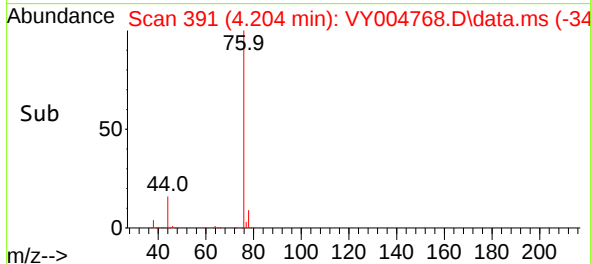


#17
Carbon Disulfide
Concen: 807.73 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY004768.D
Acq: 13 May 2021 17:31

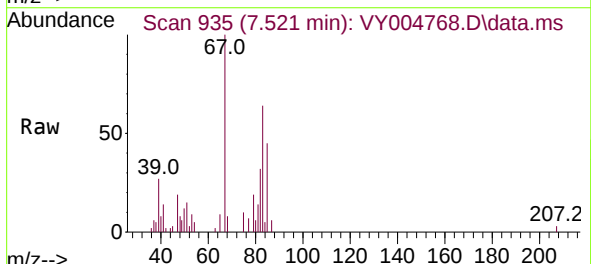
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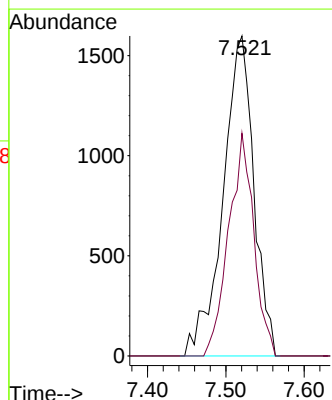
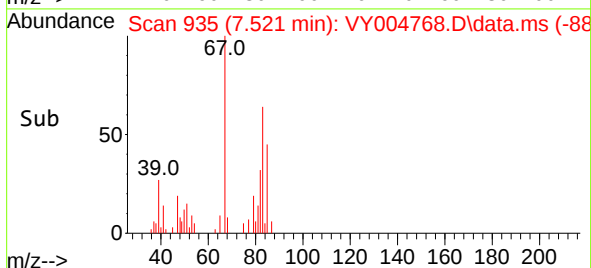
Tgt Ion: 76 Resp: 3695950
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

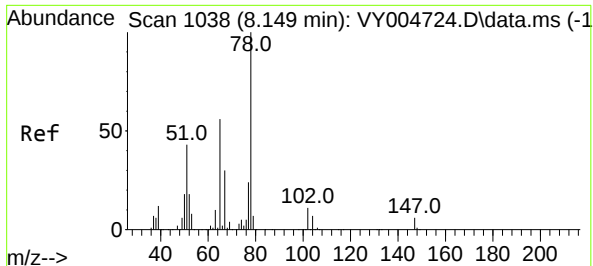


#30
Chloroform
Concen: 1.40 ug/l
RT: 7.521 min Scan# 935
Delta R.T. 0.006 min
Lab File: VY004768.D
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Tgt Ion: 83 Resp: 4367
Ion Ratio Lower Upper
83 100
85 69.6 51.3 76.9





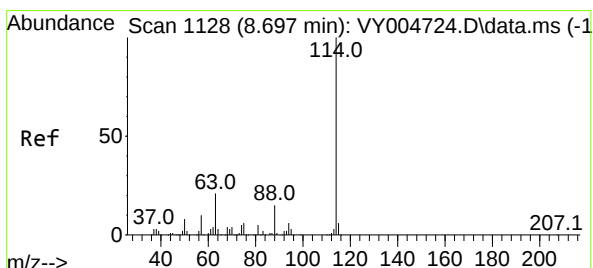
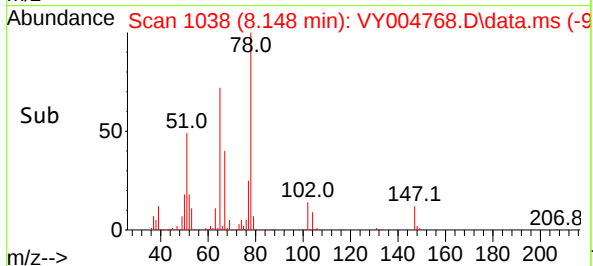
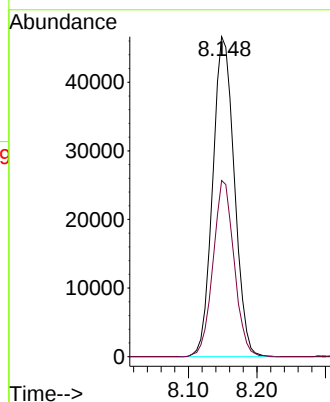
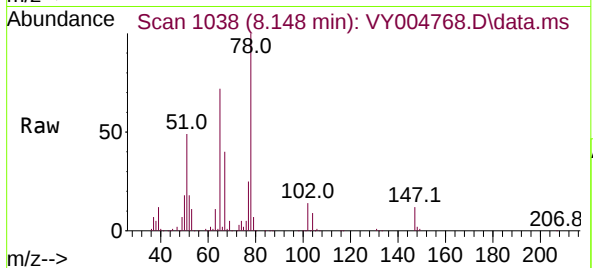
#33
1,2-Dichloroethane-d4
Concen: 56.69 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004768.D
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Tgt Ion: 65 Resp: 102292
Ion Ratio Lower Upper
65 100
67 53.7 0.0 108.0

Instrument :
MSVOA_Y
ClientSampleId :
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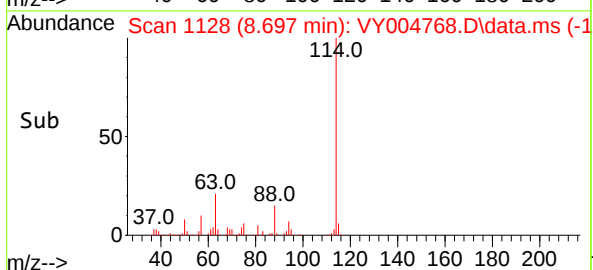
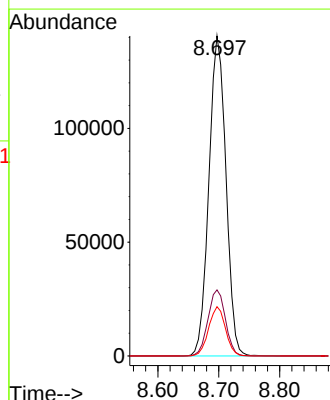
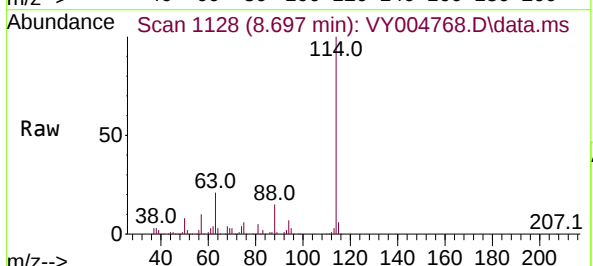
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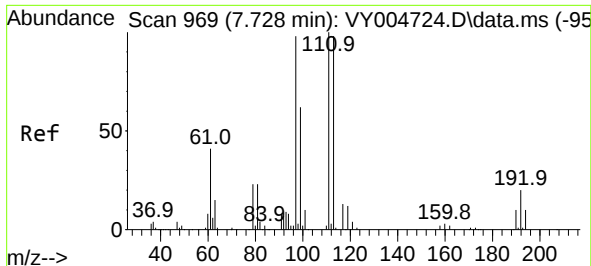
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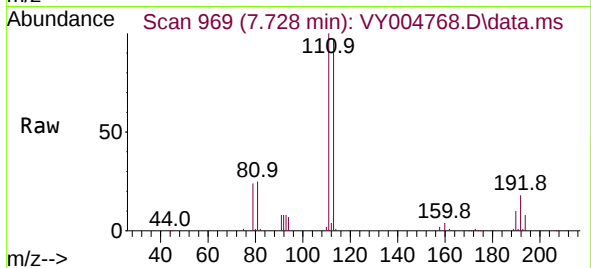
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004768.D
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Tgt Ion: 114 Resp: 273152
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.8
88 15.4 0.0 31.0

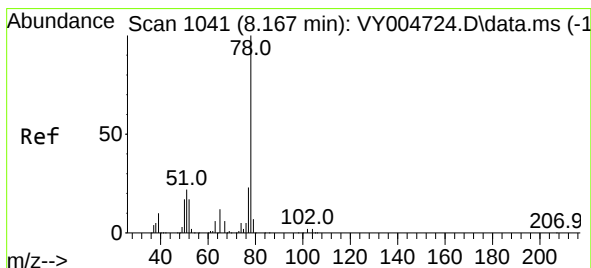
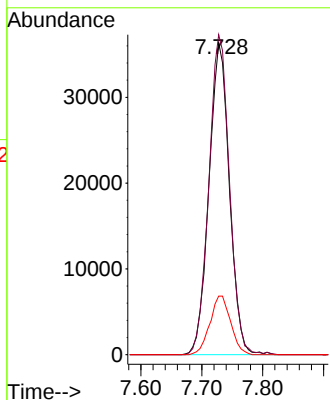
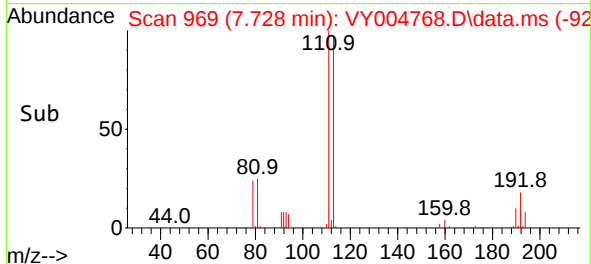




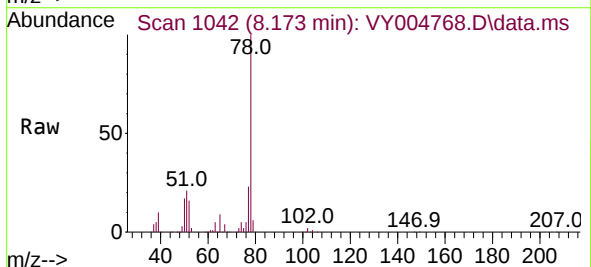
#35
Dibromofluoromethane
Concen: 56.70 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004768.D
Acq: 13 May 2021 17:31



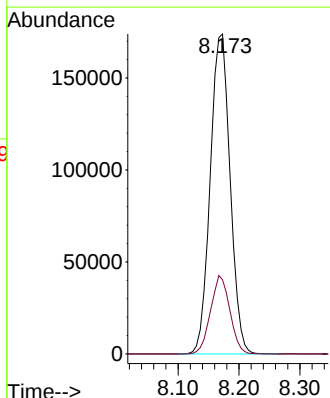
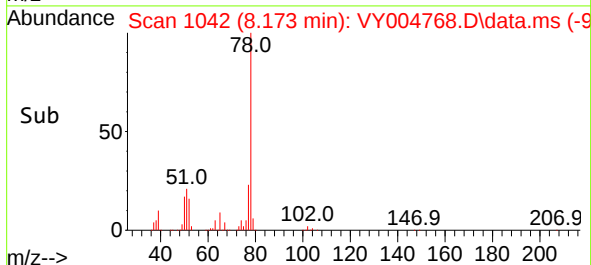
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	80.5	120.7
192	19.1	15.0	22.6



#40
Benzene
Concen: 49.80 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY004768.D
Acq: 13 May 2021 17:31



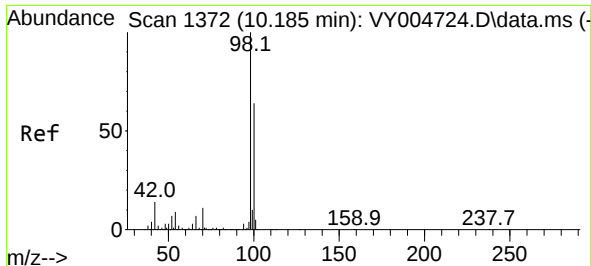
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.4	27.6



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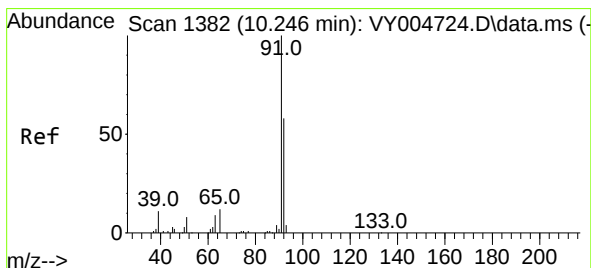
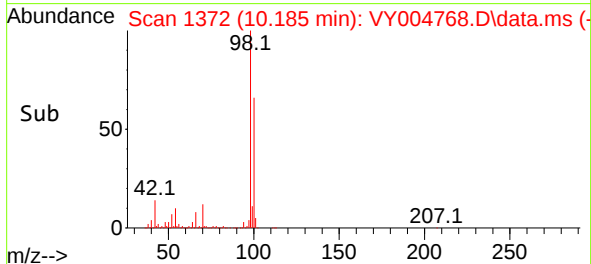
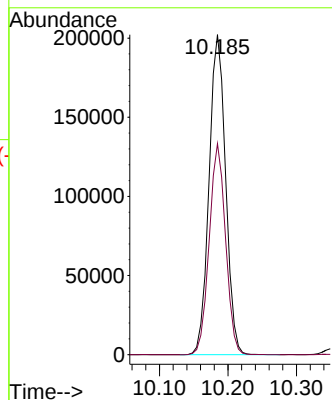
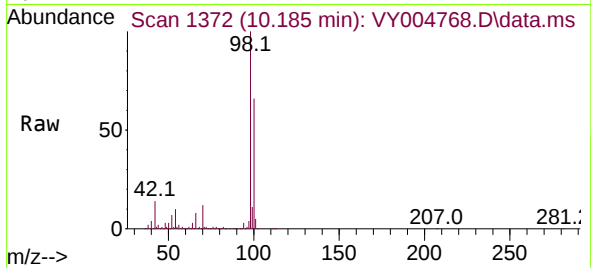
#50
Toluene-d8
Concen: 50.35 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004768.D
Acq: 13 May 2021 17:31

Tgt Ion: 98 Resp: 340130
Ion Ratio Lower Upper
98 100
100 65.0 51.5 77.3

Instrument :
MSVOA_Y
ClientSampleId :
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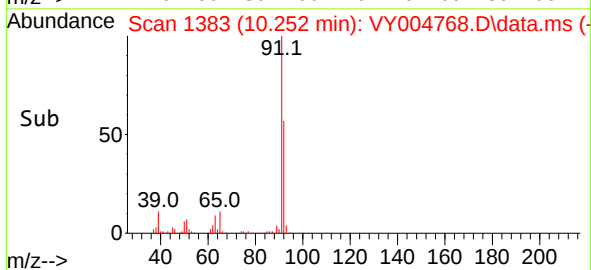
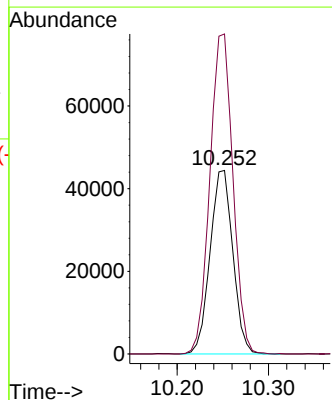
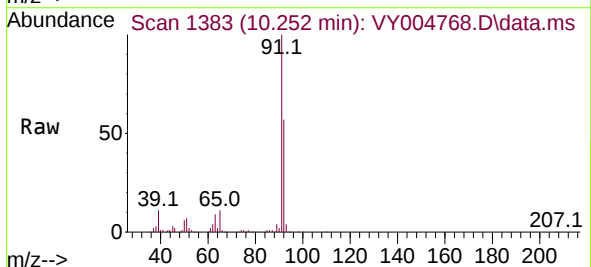
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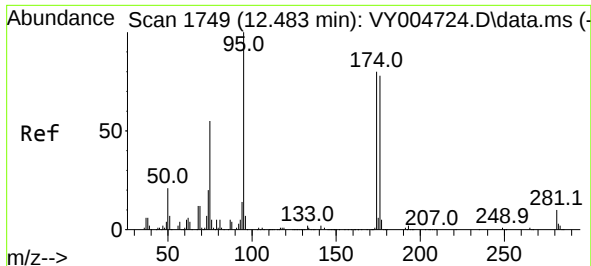
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#52
Toluene
Concen: 15.38 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY004768.D
Acq: 13 May 2021 17:31

Tgt Ion: 92 Resp: 76865
Ion Ratio Lower Upper
92 100
91 176.4 138.2 207.4





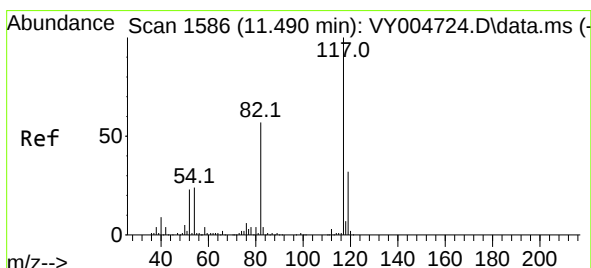
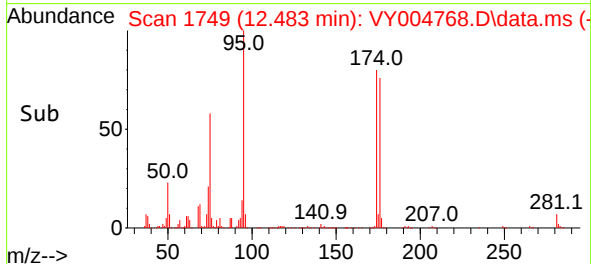
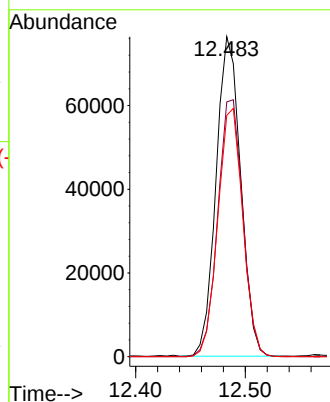
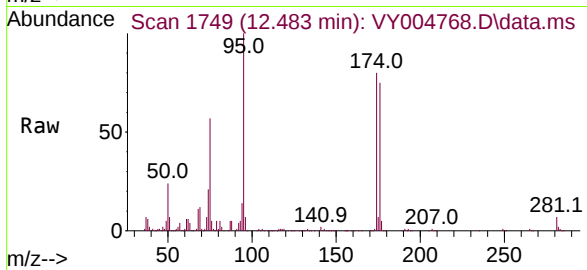
#62
4-Bromofluorobenzene
Concen: 52.21 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004768.D
Acq: 13 May 2021 17:31

Tgt Ion:	95	Resp:	119024
Ion Ratio	Lower	Upper	
95	100		
174	82.0	0.0	164.2
176	78.9	0.0	159.0

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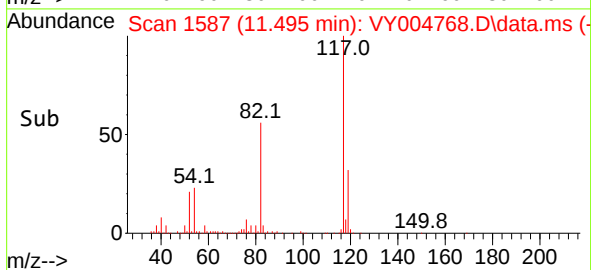
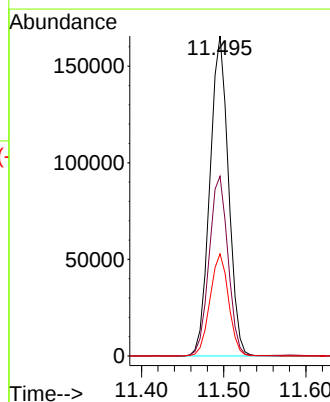
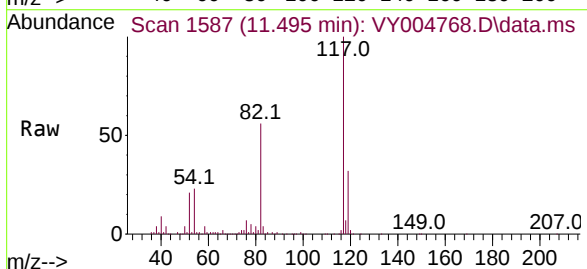
Manual Integrations
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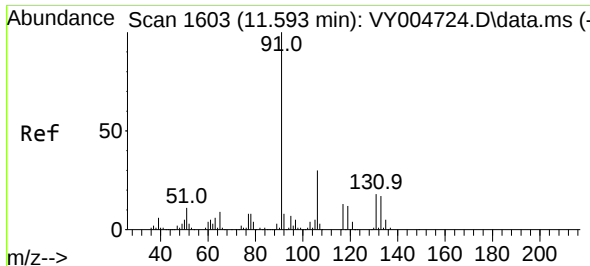
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004768.D
Acq: 13 May 2021 17:31

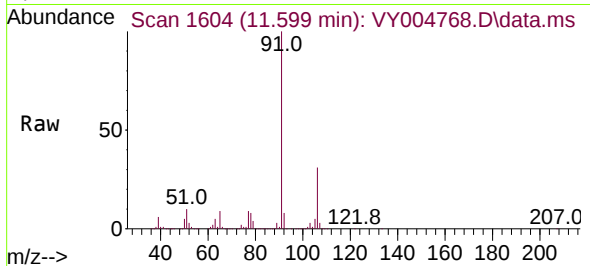
Tgt Ion:	117	Resp:	259532
Ion Ratio	Lower	Upper	
117	100		
82	56.2	45.4	68.2
119	31.9	25.8	38.6





#67
Ethyl Benzene
Concen: 105.48 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY004768.D
Acq: 13 May 2021 17:31

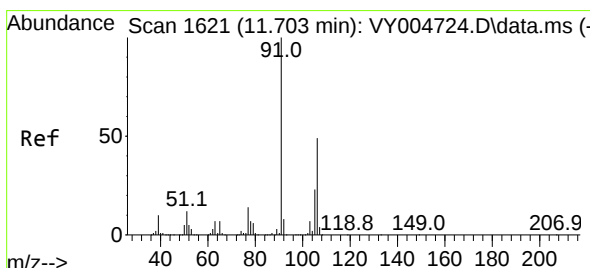
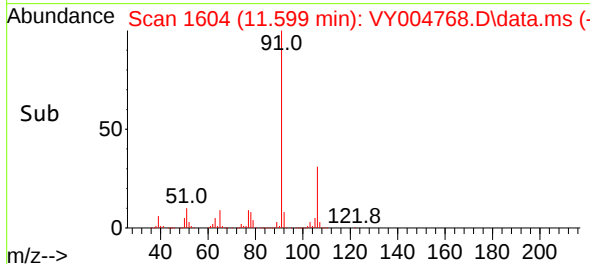
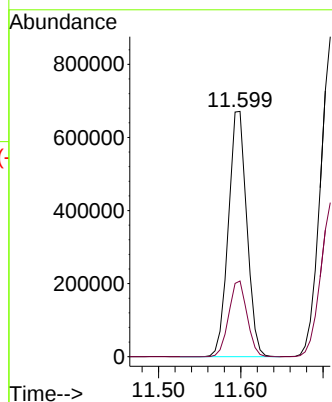
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ClientSampleId :
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Tgt Ion: 91 Resp: 1046733
Ion Ratio Lower Upper
91 100
106 30.8 24.0 36.0

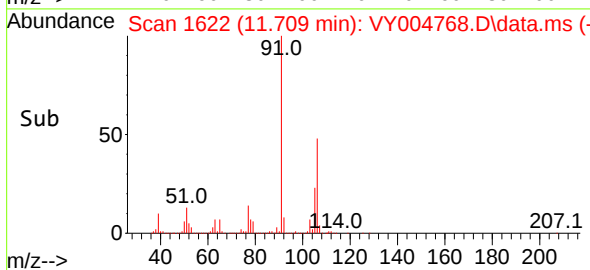
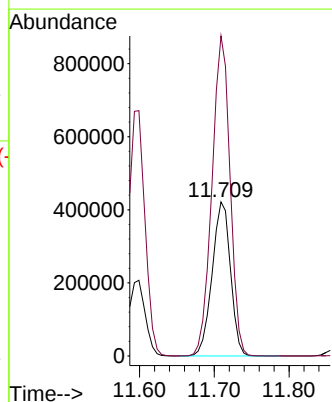
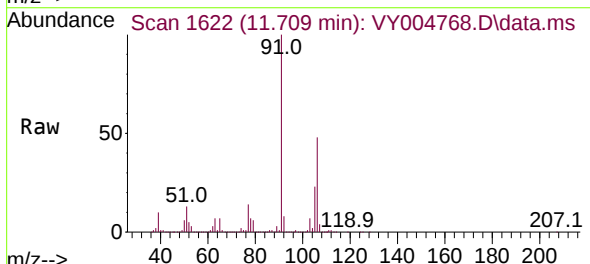
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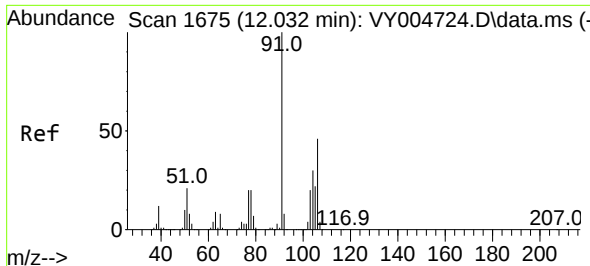
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#68
m/p-Xylenes
Concen: 193.03 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY004768.D
Acq: 13 May 2021 17:31

Tgt Ion:106 Resp: 719748
Ion Ratio Lower Upper
106 100
91 204.8 163.6 245.4





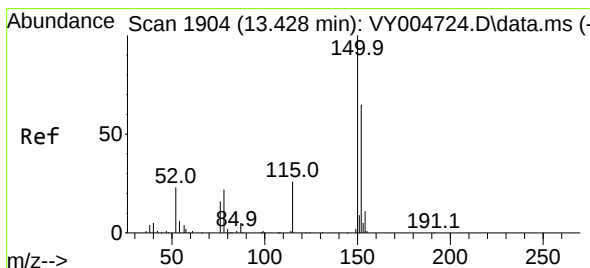
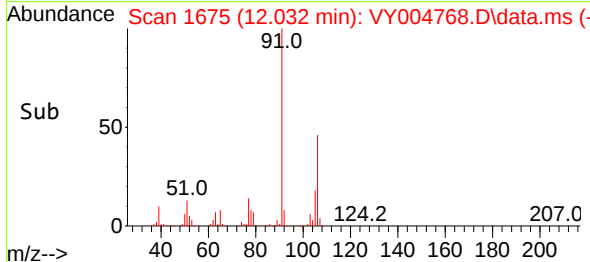
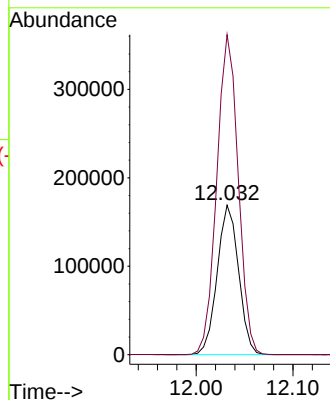
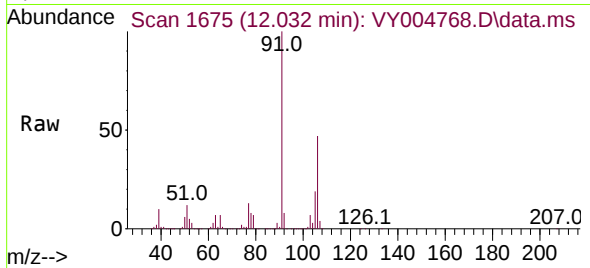
#69
o-Xylene
Concen: 74.45 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY004768.D
Acq: 13 May 2021 17:31

Tgt Ion:106 Resp: 259449
Ion Ratio Lower Upper
106 100
91 214.8 108.9 326.7

Instrument :
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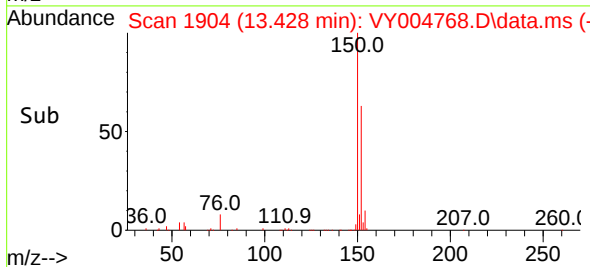
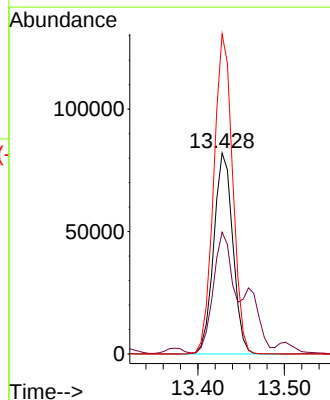
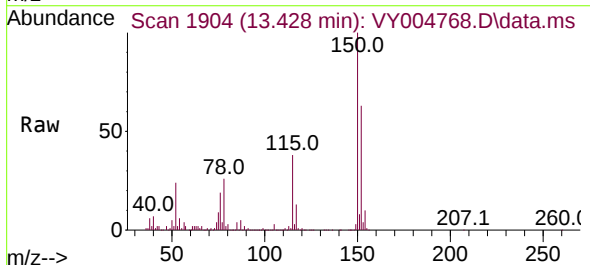
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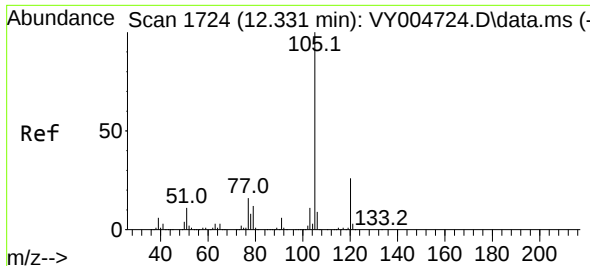
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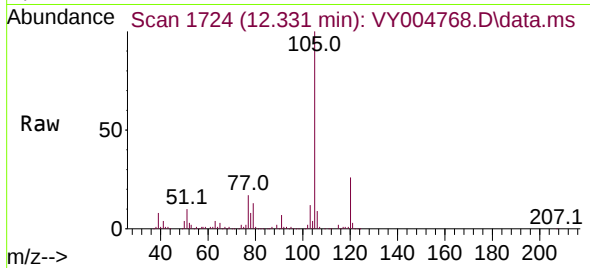
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004768.D
Acq: 13 May 2021 17:31

Tgt Ion:152 Resp: 125619
Ion Ratio Lower Upper
152 100
115 61.9 29.4 88.3
150 157.7 0.0 349.8

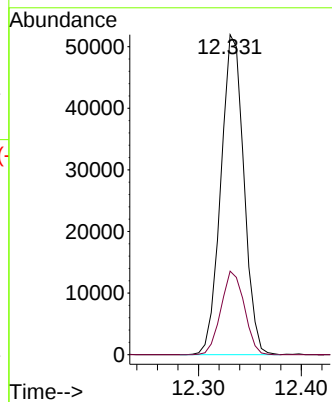
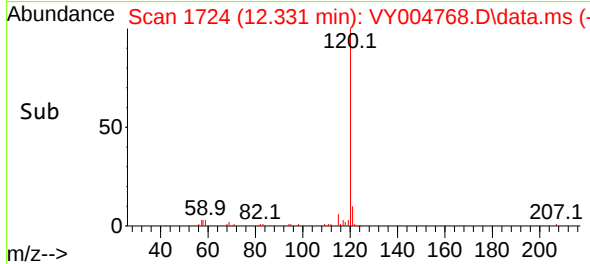




#73
Isopropylbenzene
Concen: 8.51 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY004768.D
Acq: 13 May 2021 17:31



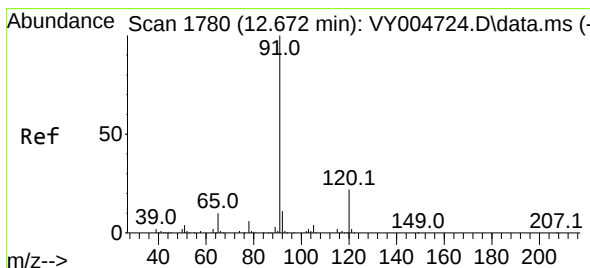
Tgt Ion:105 Resp: 80665
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.1



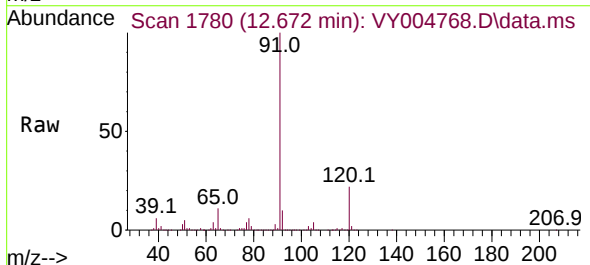
Instrument :
MSVOA_Y
ClientSampleId :
DUP-01-05112021

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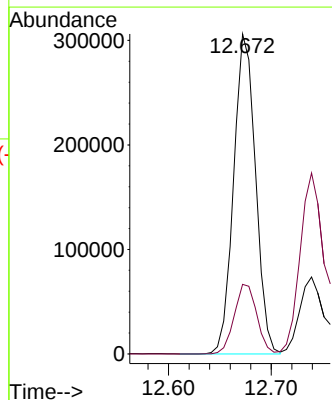
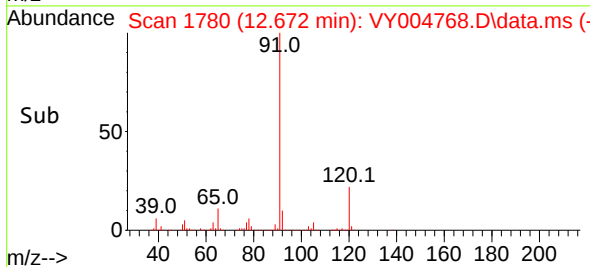
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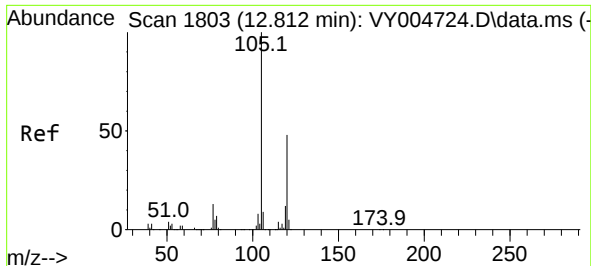


#78
n-propylbenzene
Concen: 39.28 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY004768.D
Acq: 13 May 2021 17:31



Tgt Ion: 91 Resp: 454305
Ion Ratio Lower Upper
91 100
120 22.3 11.1 33.3





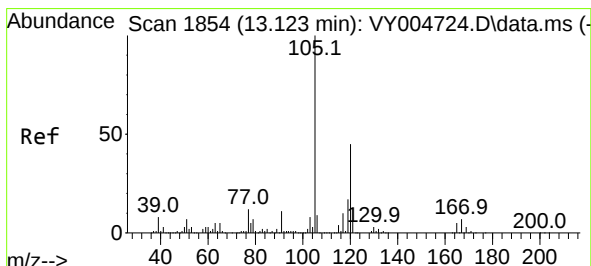
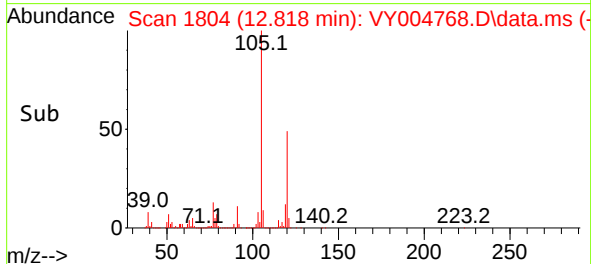
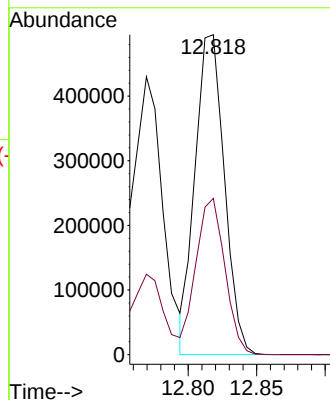
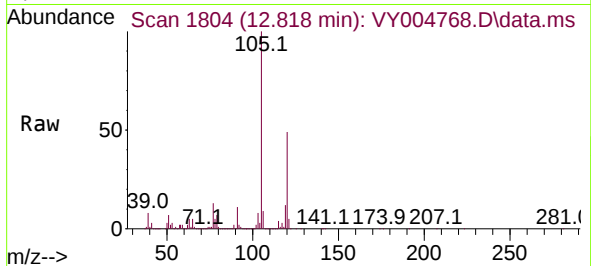
#80
1,3,5-Trimethylbenzene
Concen: 93.39 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY004768.D
Acq: 13 May 2021 17:31

Tgt Ion:105 Resp: 735052
Ion Ratio Lower Upper
105 100
120 48.4 24.0 72.0

Instrument :
MSVOA_Y
ClientSampleId :
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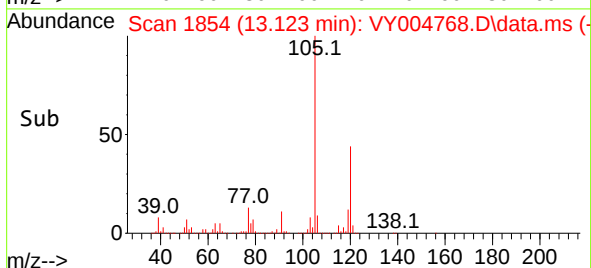
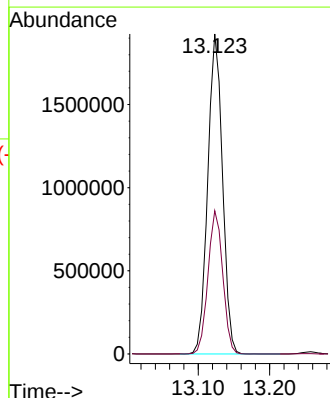
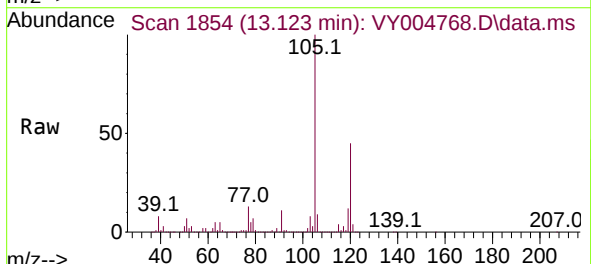
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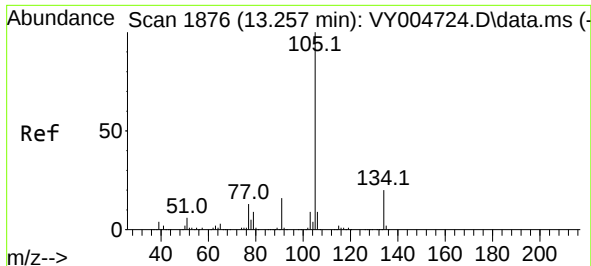
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#84
1,2,4-Trimethylbenzene
Concen: 349.15 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY004768.D
Acq: 13 May 2021 17:31

Tgt Ion:105 Resp: 2750417
Ion Ratio Lower Upper
105 100
120 44.9 22.5 67.5





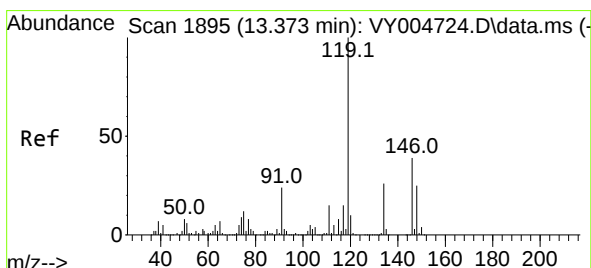
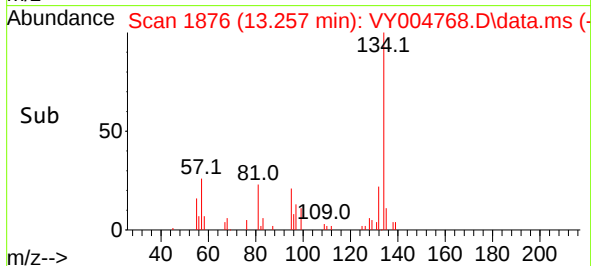
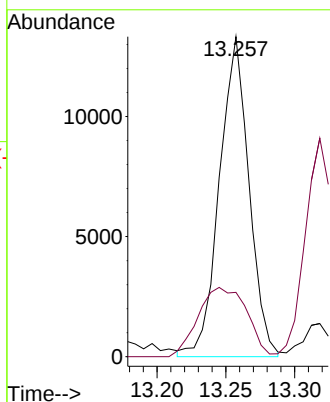
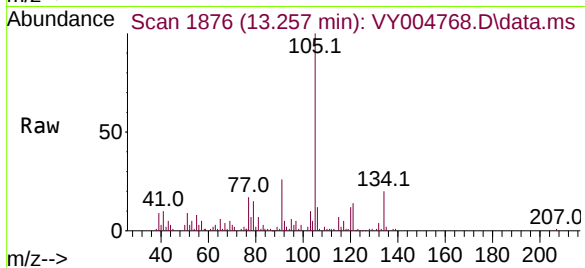
#85
 sec-Butylbenzene
 Concen: 2.04 ug/l m
 RT: 13.257 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: VY004768.D
 Acq: 13 May 2021 17:31

Tgt Ion:105 Resp: 19902
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.0 29.8#

Instrument :
 MSVOA_Y
 ClientSampleId :
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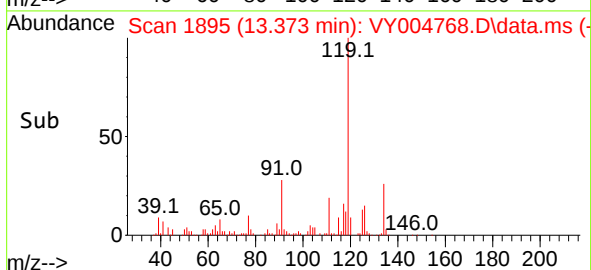
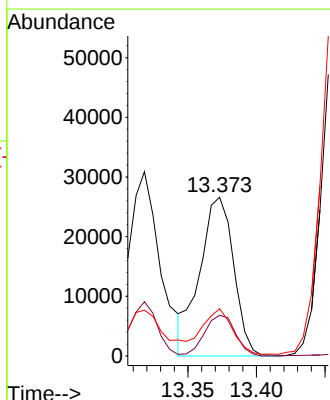
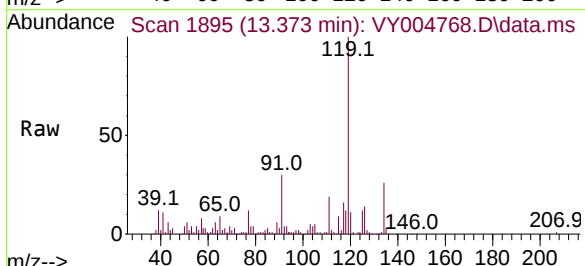
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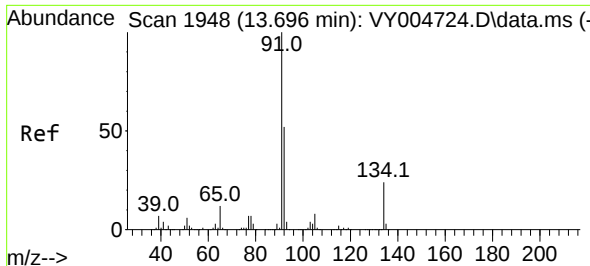
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#86
 p-Isopropyltoluene
 Concen: 5.44 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.000 min
 Lab File: VY004768.D
 Acq: 13 May 2021 17:31

Tgt Ion:119 Resp: 46045
 Ion Ratio Lower Upper
 119 100
 134 23.2 12.9 38.7
 91 25.4 12.0 36.1





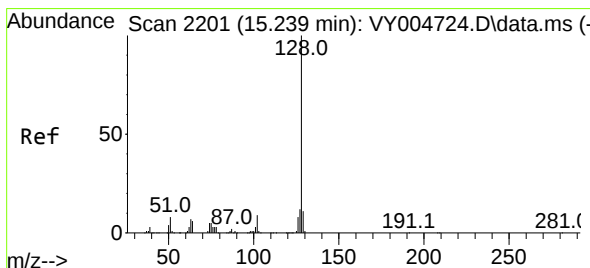
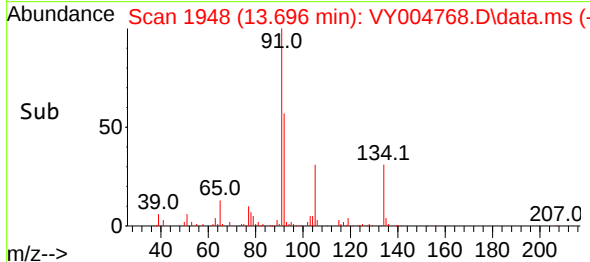
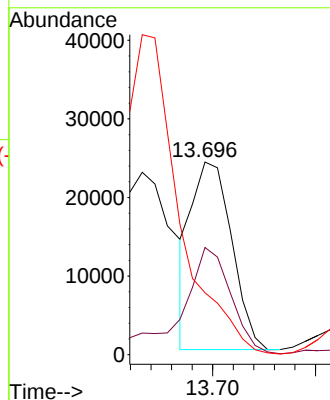
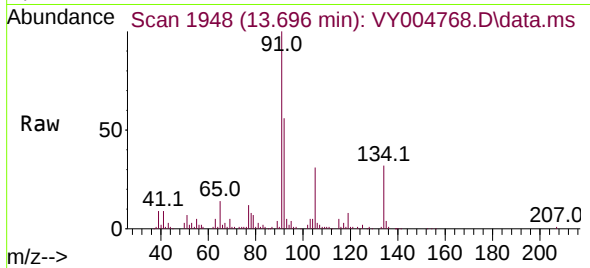
#89
n-Butylbenzene
Concen: 3.91 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY004768.D
Acq: 13 May 2021 17:31

Tgt Ion: 91 Resp: 32406
Ion Ratio Lower Upper
91 100
92 69.9 26.4 79.0
134 0.0 12.6 37.6#

Instrument :
MSVOA_Y
ClientSampleId :
DUP-01-05112021

Manual Integrations
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#95
Naphthalene
Concen: 3013.47 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004768.D
Acq: 13 May 2021 17:31

Tgt Ion: 128 Resp: 15553768
Ion Ratio Lower Upper
128 100
127 15.7 10.2 15.2#
129 13.7 8.6 13.0#

