

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091521\
 Data File : VY006034.D
 Acq On : 15 Sep 2021 19:09
 Operator : SY/MD
 Sample : M3733-01RE
 Misc : 7.15G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SUP-UST-01-(5-7)RE

Manual Integrations
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 9/16/2021 7:23:38 PM

Quant Time: Sep 16 01:24:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	117319	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	207510	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	201507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	214883	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	77472	47.540	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.080%		
35) Dibromofluoromethane	7.722	113	59723	46.337	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.680%		
50) Toluene-d8	10.179	98	407866	74.248	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	148.500%#		
62) 4-Bromofluorobenzene	12.483	95	800157	429.026	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	858.060%#		
Target Compounds					Qvalue	
16) Acetone	3.948	43	12425	27.798	ug/l	99
19) Methyl tert-butyl Ether	5.229	73	176490	46.734	ug/l #	34
31) Cyclohexane	7.783	56	98631	37.782	ug/l #	81
39) Methylcyclohexane	9.185	83	905647	326.244	ug/l	96
40) Benzene	8.167	78	7440	1.158	ug/l	94
67) Ethyl Benzene	11.593	91	425810	51.955	ug/l	100
68) m/p-Xylenes	11.715	106	341776	109.976	ug/l	90
69) o-Xylene	12.032	106	77410	26.373	ug/l #	18
73) Isopropylbenzene	12.337	105	2123007	126.168	ug/l	99
78) n-propylbenzene	12.678	91	5013293	240.800	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	4429567	317.409	ug/l	94
83) tert-Butylbenzene	13.081	119	901911	75.564	ug/l	98
84) 1,2,4-Trimethylbenzene	13.130	105	12172305	879.163	ug/l	91
85) sec-Butylbenzene	13.258	105	3859195	215.989	ug/l #	65
86) p-Isopropyltoluene	13.373	119	2374548	155.667	ug/l	99
89) n-Butylbenzene	13.697	91	1796852m	125.966	ug/l	

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

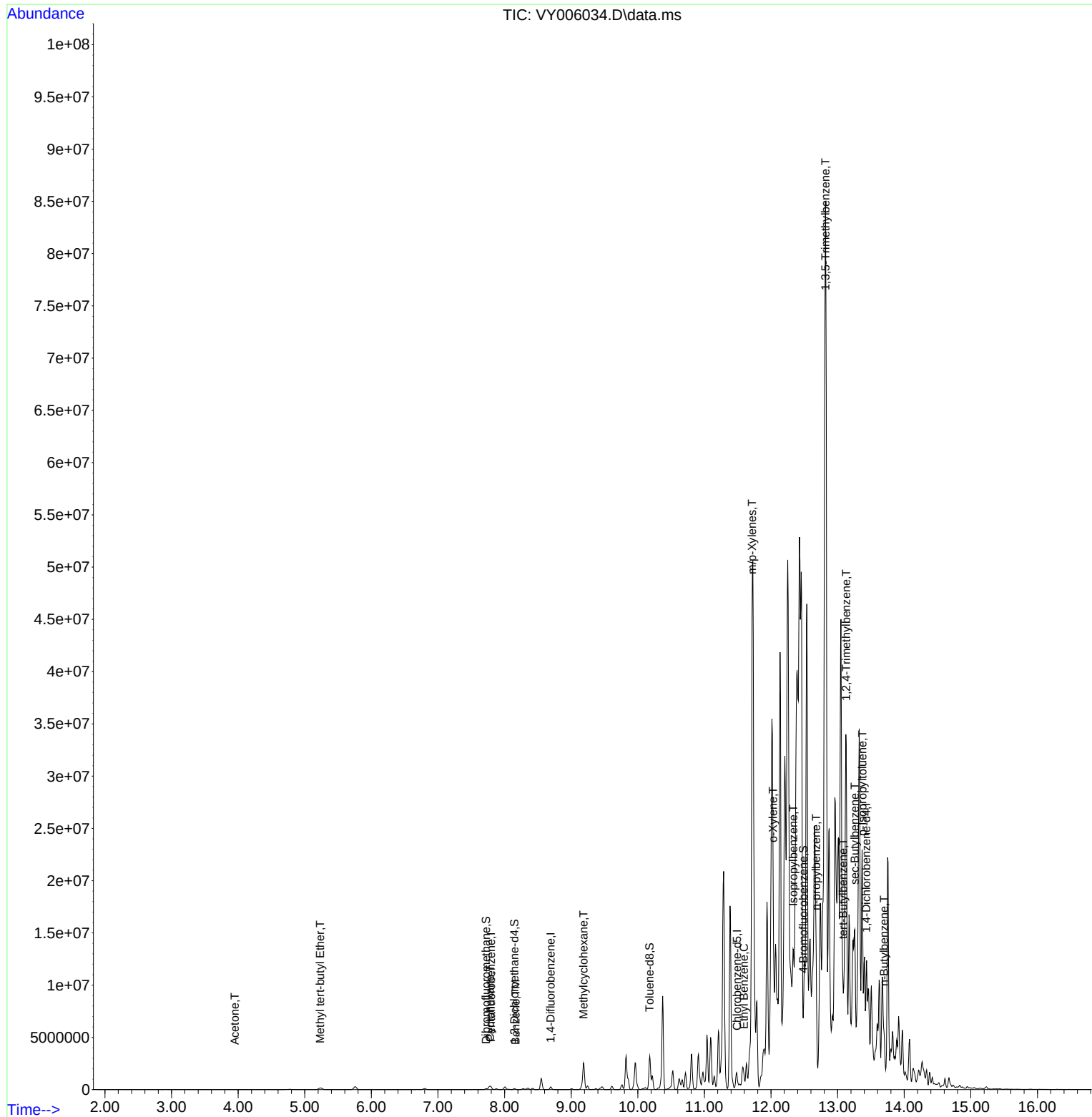
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091521\
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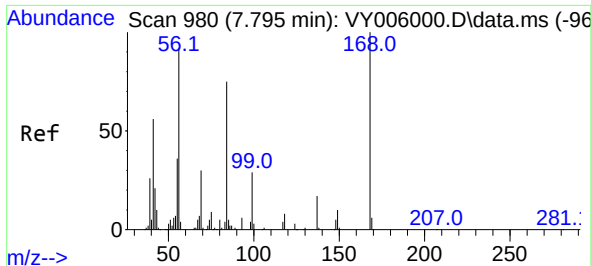
Instrument :
MSVOA_Y
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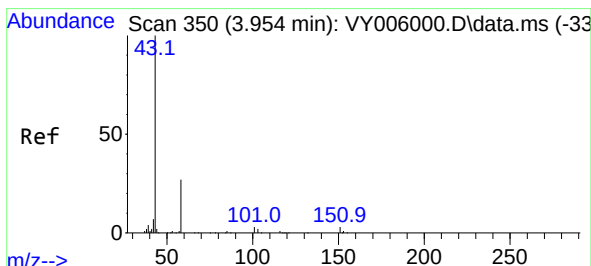
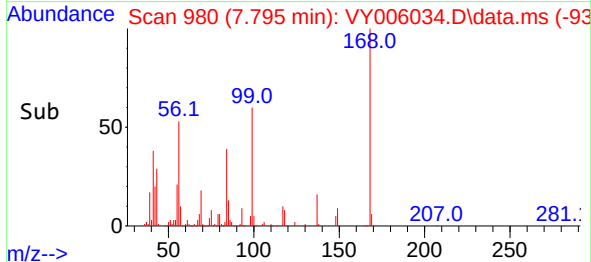
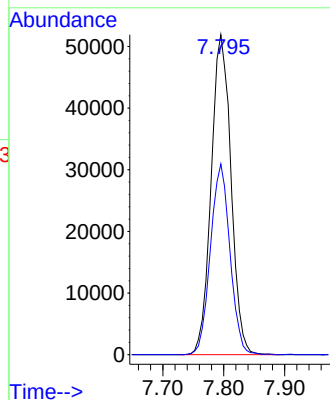
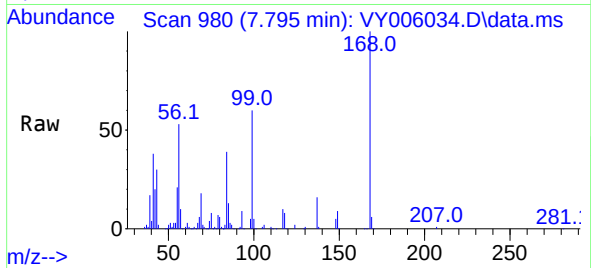
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006034.D
Acq: 15 Sep 2021 19:09

Tgt Ion: 168 Resp: 117319
Ion Ratio Lower Upper
168 100
99 59.6 46.9 70.3

Instrument :
MSVOA_Y
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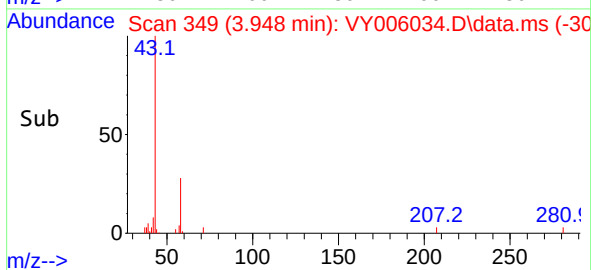
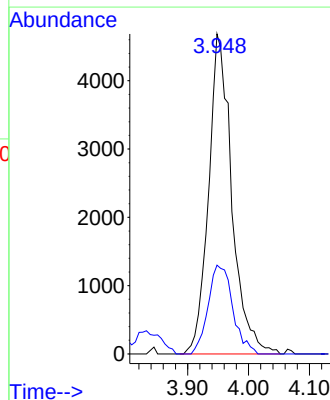
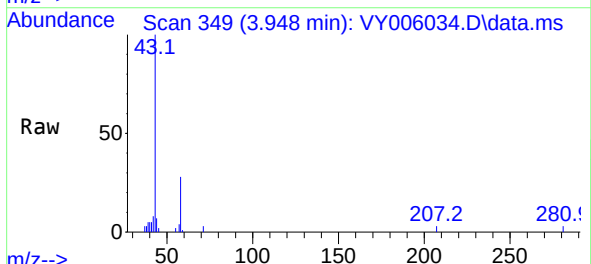
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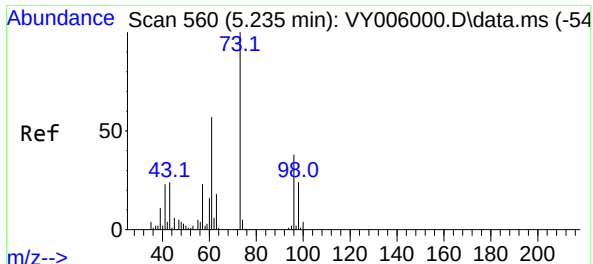
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#16
Acetone
Concen: 27.798 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006034.D
Acq: 15 Sep 2021 19:09

Tgt Ion: 43 Resp: 12425
Ion Ratio Lower Upper
43 100
58 27.8 22.0 33.0

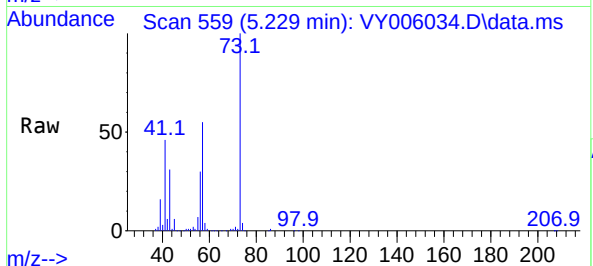




#19

Methyl tert-butyl Ether
Concen: 46.734 ug/l
RT: 5.229 min Scan# 559
Delta R.T. -0.006 min
Lab File: VY006034.D
Acq: 15 Sep 2021 19:09

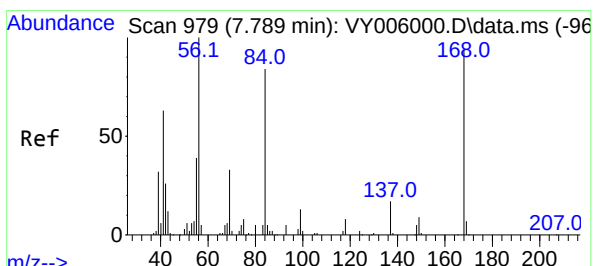
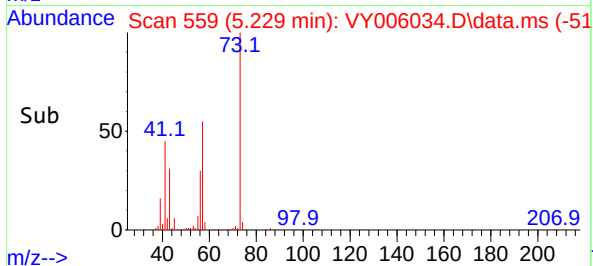
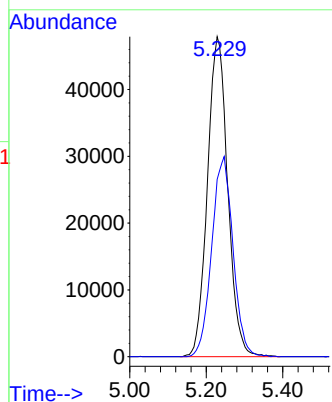
Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion: 73 Resp: 176490
Ion Ratio Lower Upper
73 100
57 55.4 18.6 27.8#

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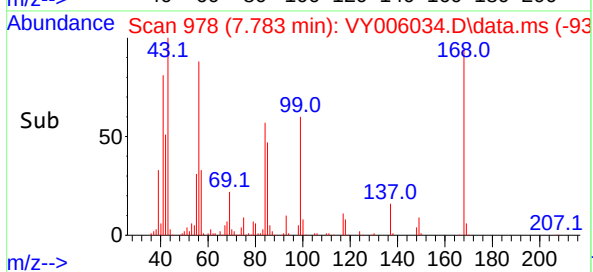
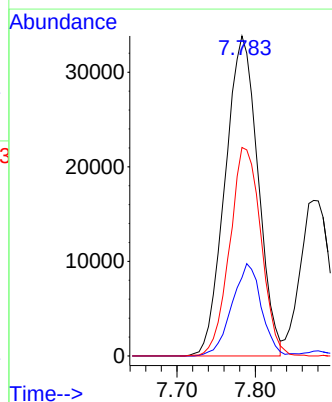
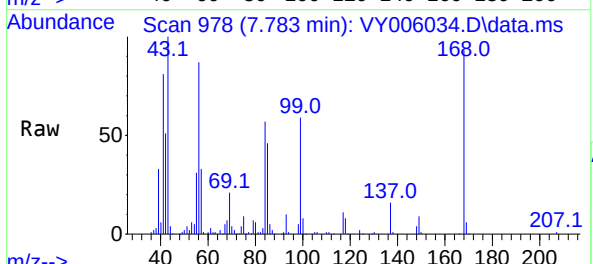
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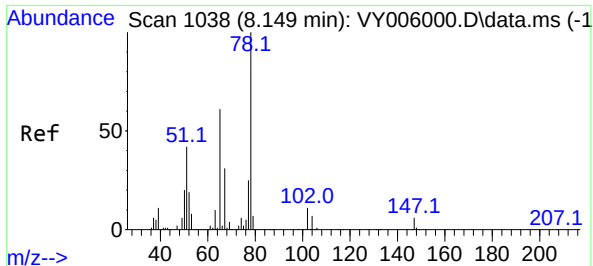


#31

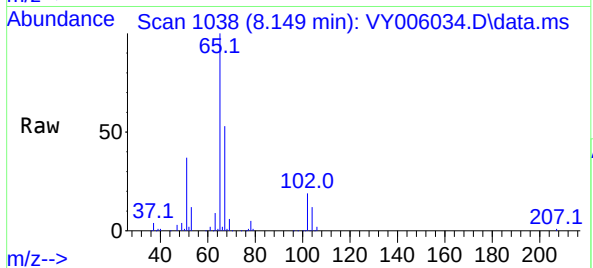
Cyclohexane
Concen: 37.782 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY006034.D
Acq: 15 Sep 2021 19:09

Tgt Ion: 56 Resp: 98631
Ion Ratio Lower Upper
56 100
69 24.5 26.7 40.1#
84 65.2 67.2 100.8#

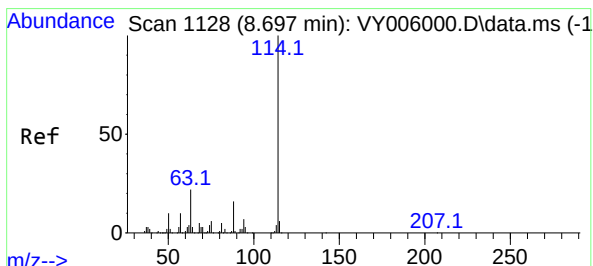
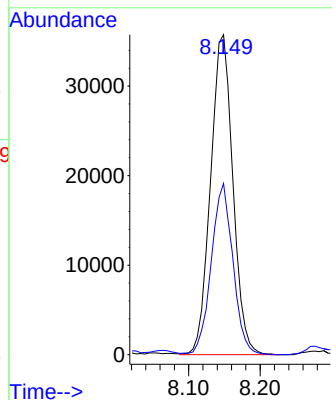
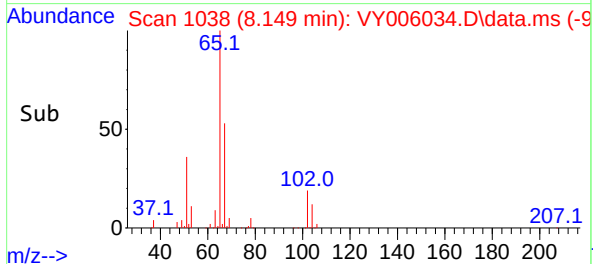




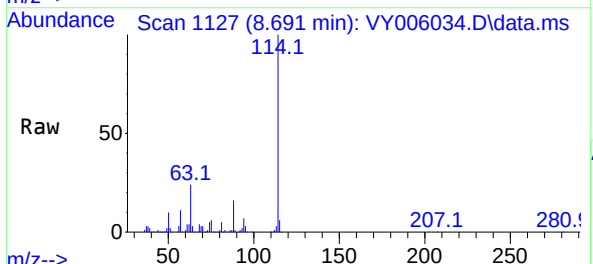
#33
1,2-Dichloroethane-d4
Concen: 47.540 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006034.D
Acq: 15 Sep 2021 19:09



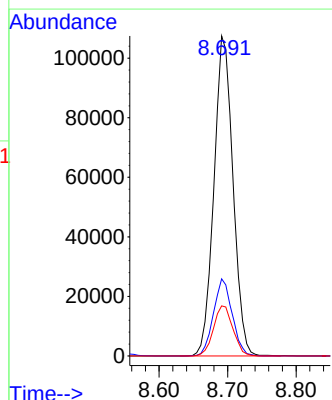
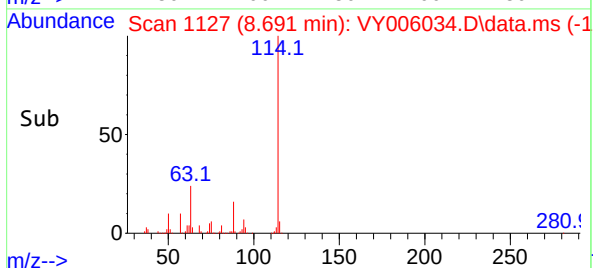
Tgt Ion: 65 Resp: 77472
Ion Ratio Lower Upper
65 100
67 51.8 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006034.D
Acq: 15 Sep 2021 19:09



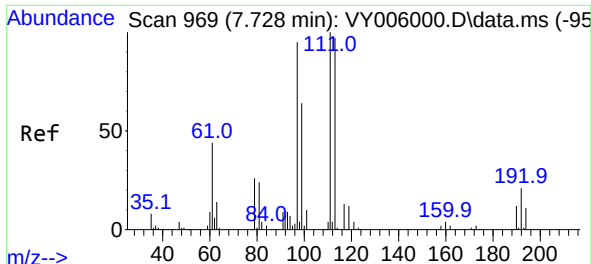
Tgt Ion: 114 Resp: 207510
Ion Ratio Lower Upper
114 100
63 24.1 0.0 43.2
88 15.6 0.0 31.8



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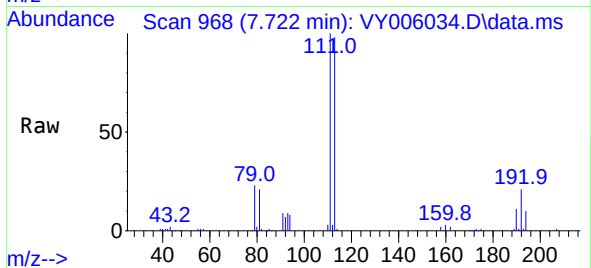
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#35
Dibromofluoromethane
Concen: 46.337 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006034.D
Acq: 15 Sep 2021 19:09

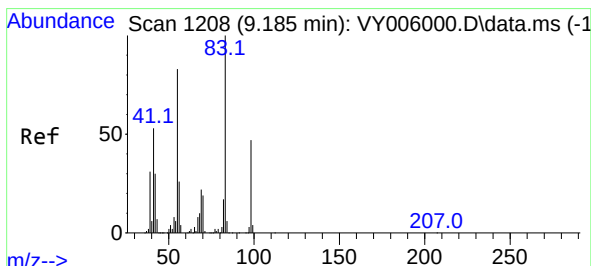
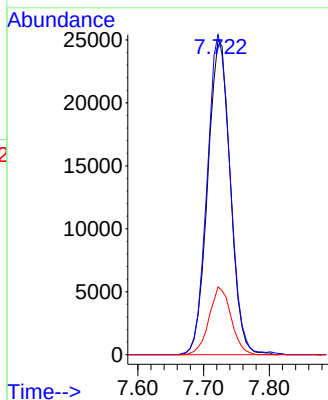
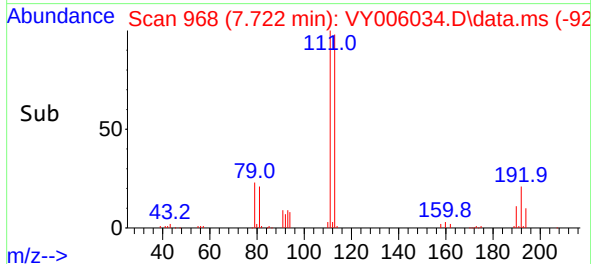
Instrument :
MSVOA_Y
ClientSampleId :
SUP-UST-01-(5-7)RE



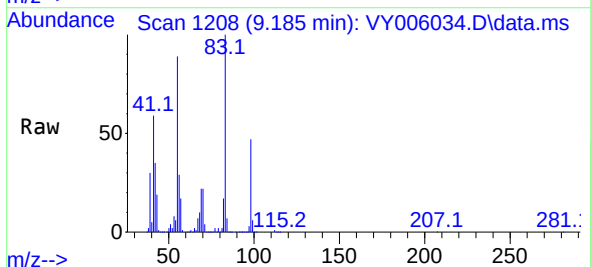
Tgt Ion: 113 Resp: 59723
Ion Ratio Lower Upper
113 100
111 103.8 82.6 124.0
192 21.0 17.6 26.4

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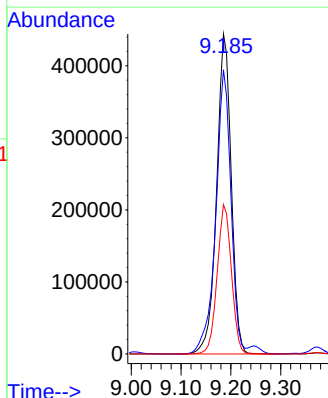
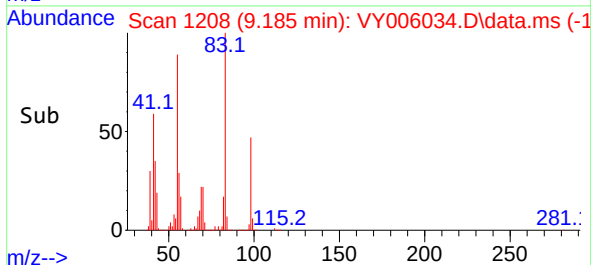
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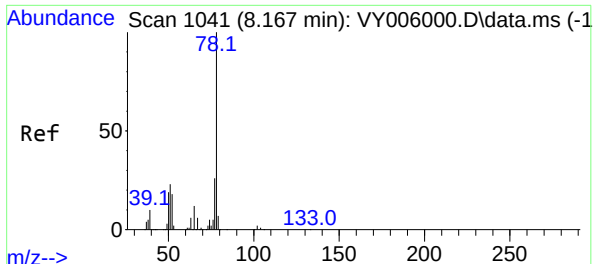


#39
Methylcyclohexane
Concen: 326.244 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. 0.000 min
Lab File: VY006034.D
Acq: 15 Sep 2021 19:09



Tgt Ion: 83 Resp: 905647
Ion Ratio Lower Upper
83 100
55 88.8 66.5 99.7
98 46.7 37.9 56.9





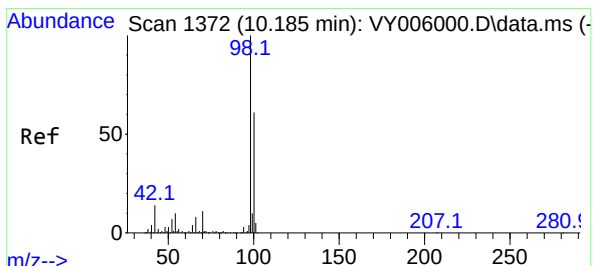
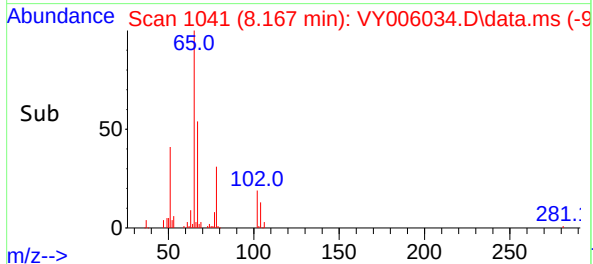
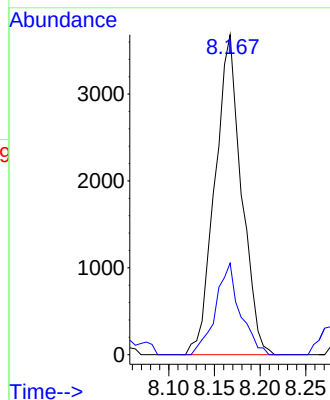
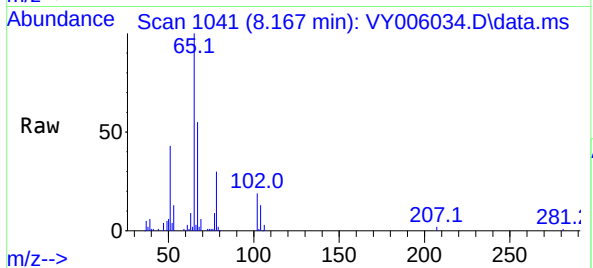
#40
Benzene
Concen: 1.158 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY006034.D
Acq: 15 Sep 2021 19:09

Tgt Ion: 78 Resp: 7440
Ion Ratio Lower Upper
78 100
77 28.6 20.4 30.6

Instrument :
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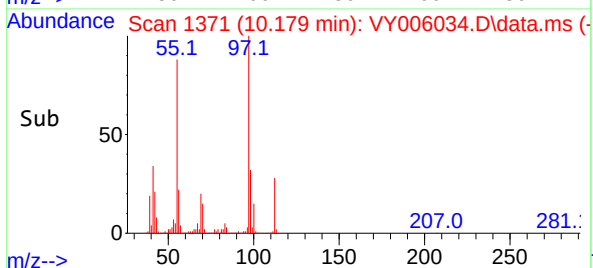
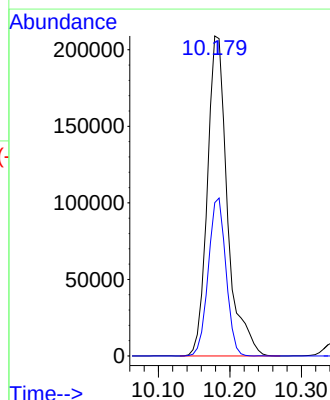
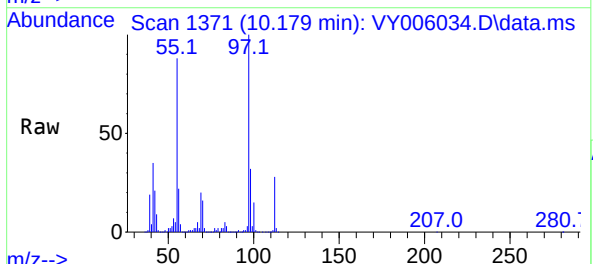
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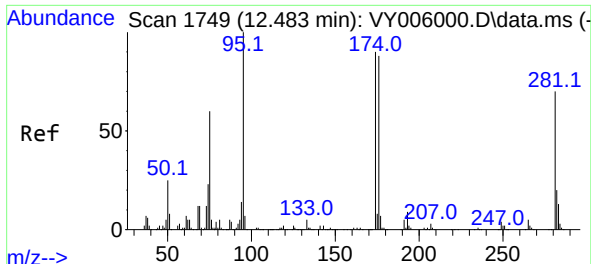
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#50
Toluene-d8
Concen: 74.248 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY006034.D
Acq: 15 Sep 2021 19:09

Tgt Ion: 98 Resp: 407866
Ion Ratio Lower Upper
98 100
100 43.3 50.2 75.2#





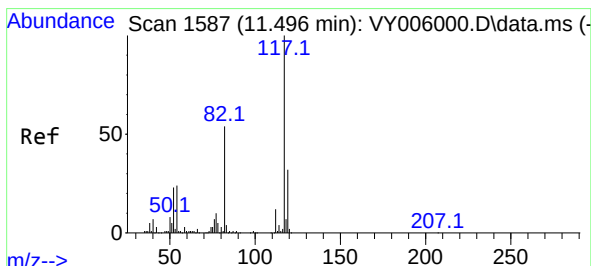
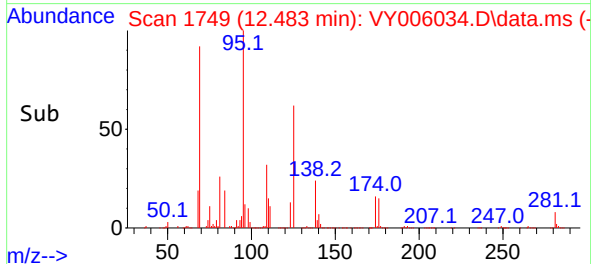
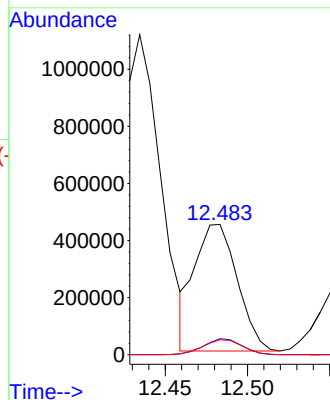
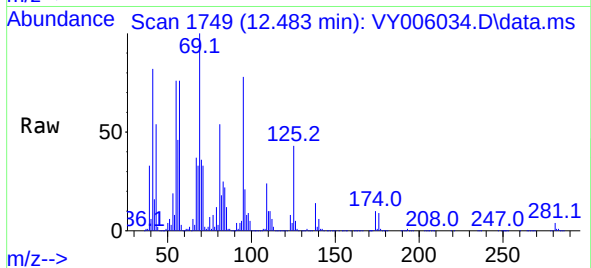
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4-Bromofluorobenzene
Concen: 429.026 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006034.D
Acq: 15 Sep 2021 19:09

Tgt Ion: 95 Resp: 800157
Ion Ratio Lower Upper
95 100
174 11.3 0.0 177.0
176 10.9 0.0 175.8

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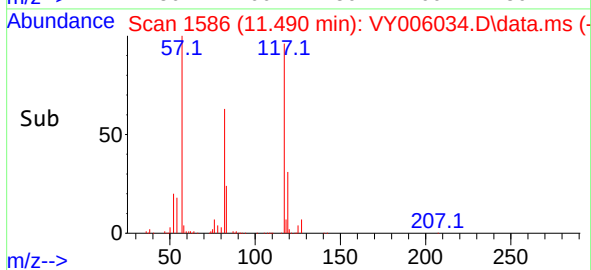
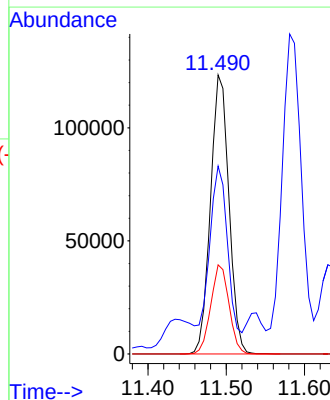
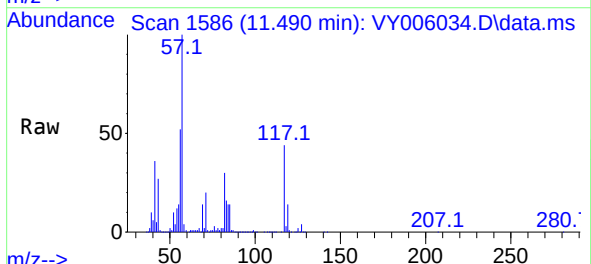
Manual Integrations
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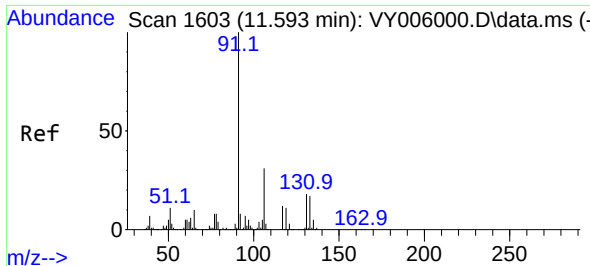
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006034.D
Acq: 15 Sep 2021 19:09

Tgt Ion: 117 Resp: 201507
Ion Ratio Lower Upper
117 100
82 55.1 43.0 64.4
119 31.9 25.4 38.0





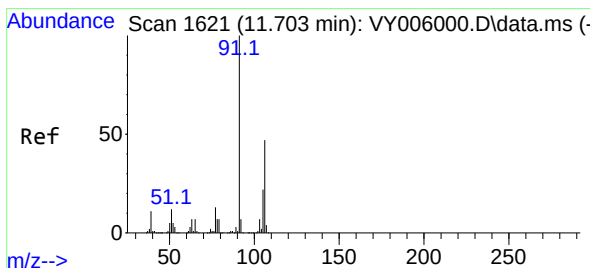
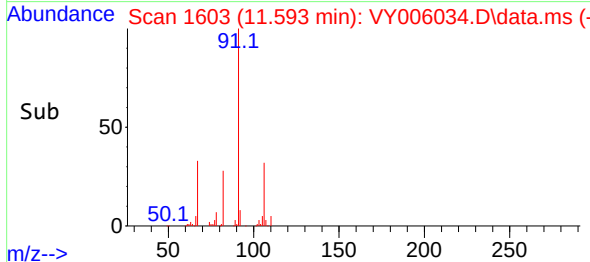
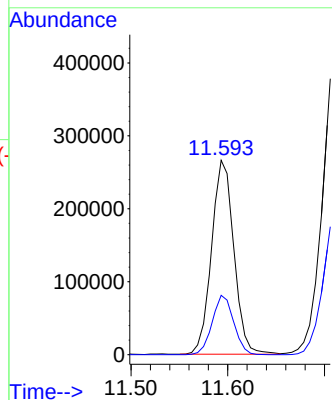
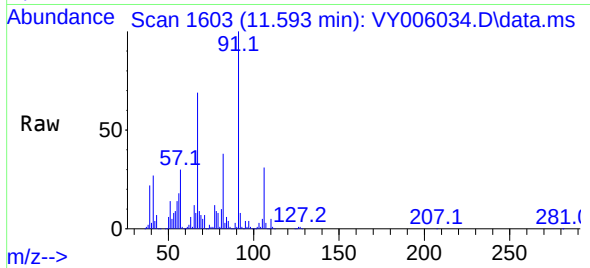
#67
Ethyl Benzene
Concen: 51.955 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY006034.D
Acq: 15 Sep 2021 19:09

Tgt Ion: 91 Resp: 425810
Ion Ratio Lower Upper
91 100
106 30.6 24.5 36.7

Instrument :
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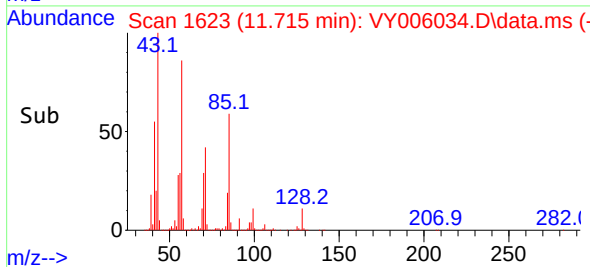
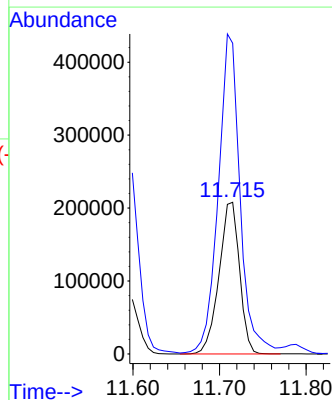
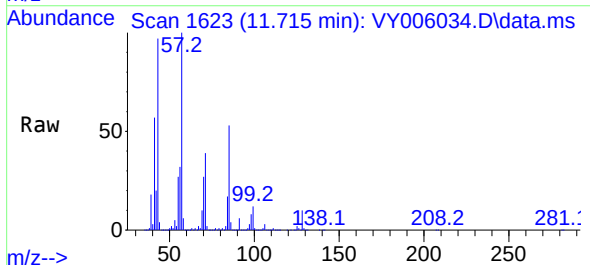
Manual Integrations
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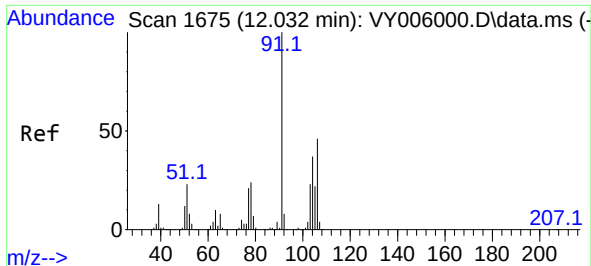
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#68
m/p-Xylenes
Concen: 109.976 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. 0.012 min
Lab File: VY006034.D
Acq: 15 Sep 2021 19:09

Tgt Ion: 106 Resp: 341776
Ion Ratio Lower Upper
106 100
91 223.5 166.6 249.8





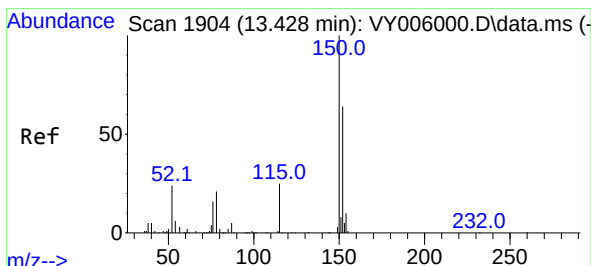
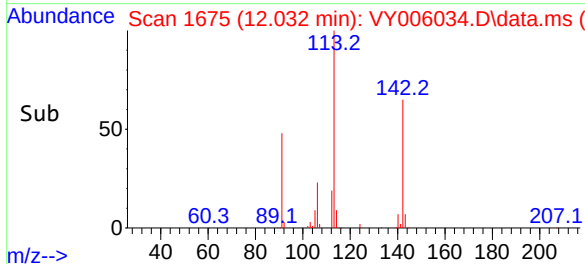
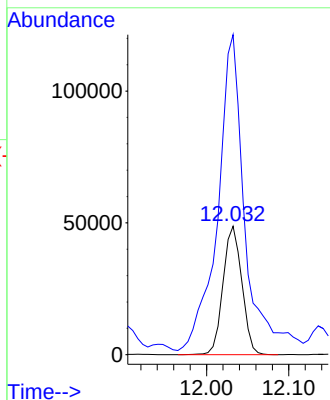
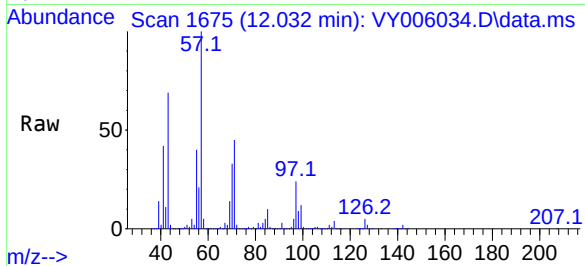
#69
o-Xylene
Concen: 26.373 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY006034.D
Acq: 15 Sep 2021 19:09

Tgt Ion:106 Resp: 77410
Ion Ratio Lower Upper
106 100
91 352.2 110.3 331.0#

Instrument :
MSVOA_Y
ClientSampleId :
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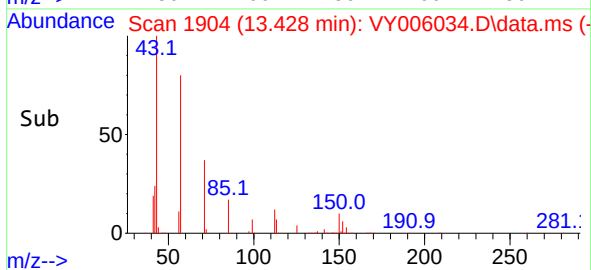
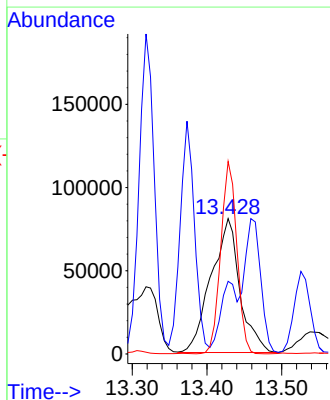
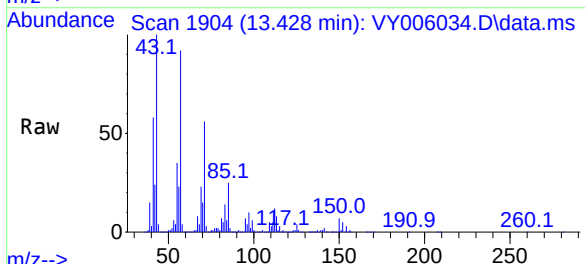
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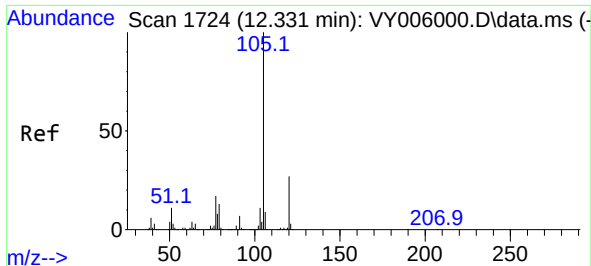
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006034.D
Acq: 15 Sep 2021 19:09

Tgt Ion:152 Resp: 214883
Ion Ratio Lower Upper
152 100
115 26.7 28.2 84.7#
150 80.8 0.0 347.6





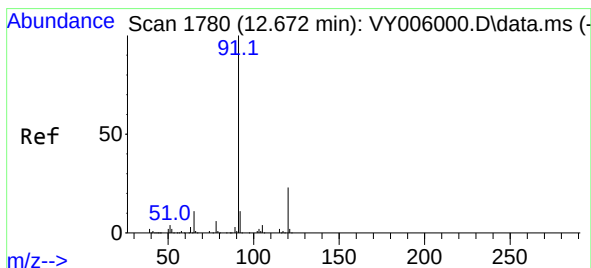
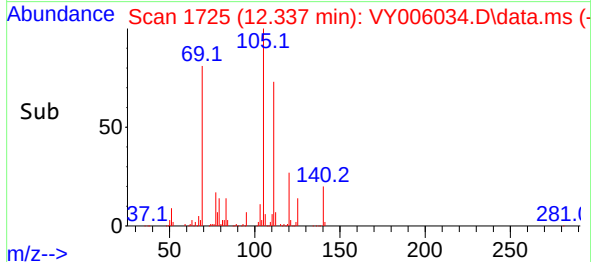
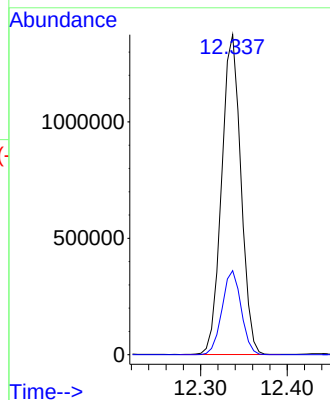
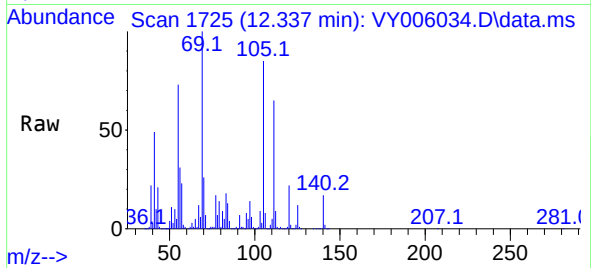
#73
Isopropylbenzene
Concen: 126.168 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.006 min
Lab File: VY006034.D
Acq: 15 Sep 2021 19:09

Tgt Ion: 105 Resp: 2123007
Ion Ratio Lower Upper
105 100
120 26.0 13.4 40.2

Instrument :
MSVOA_Y
ClientSampleId :
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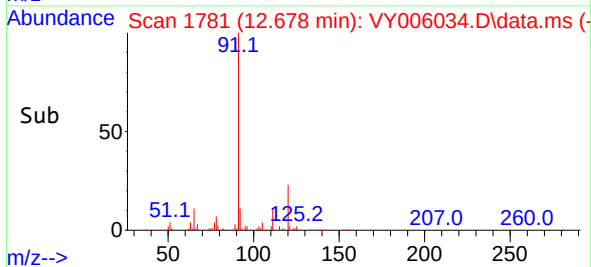
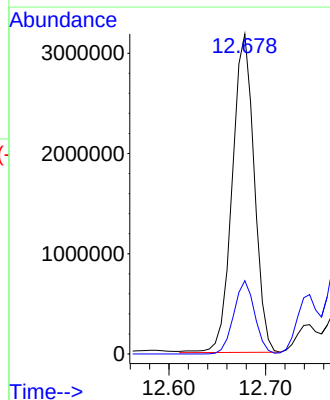
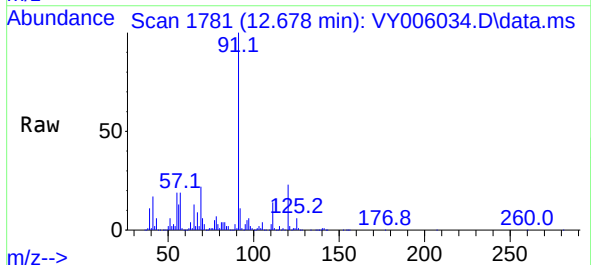
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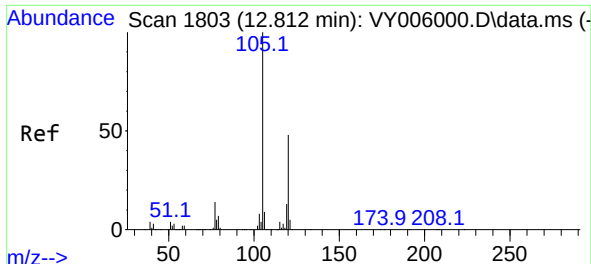
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#78
n-propylbenzene
Concen: 240.800 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. 0.006 min
Lab File: VY006034.D
Acq: 15 Sep 2021 19:09

Tgt Ion: 91 Resp: 5013293
Ion Ratio Lower Upper
91 100
120 21.9 11.3 33.9





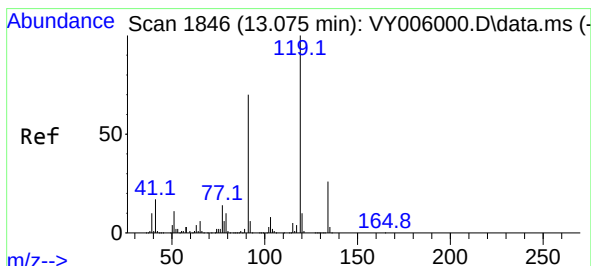
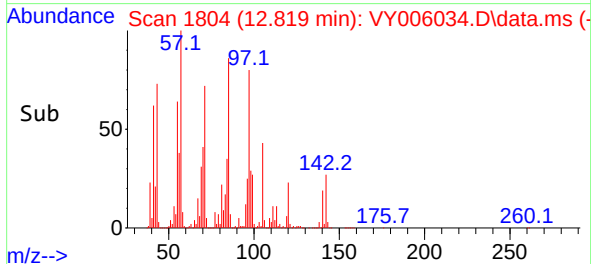
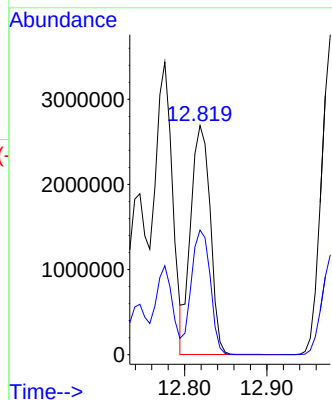
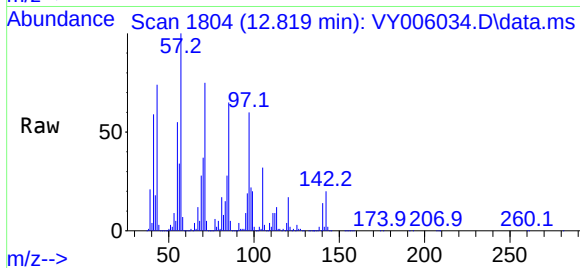
#80
1,3,5-Trimethylbenzene
Concen: 317.409 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY006034.D
Acq: 15 Sep 2021 19:09

Tgt Ion:105 Resp: 4429567
Ion Ratio Lower Upper
105 100
120 53.2 24.4 73.4

Instrument :
MSVOA_Y
ClientSampleId :
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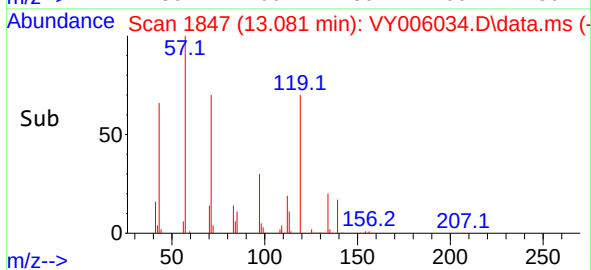
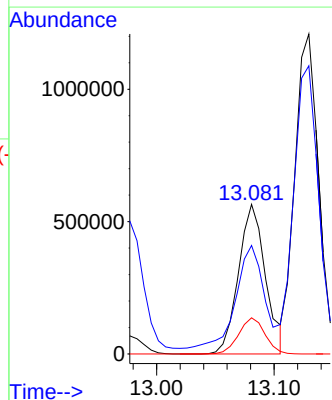
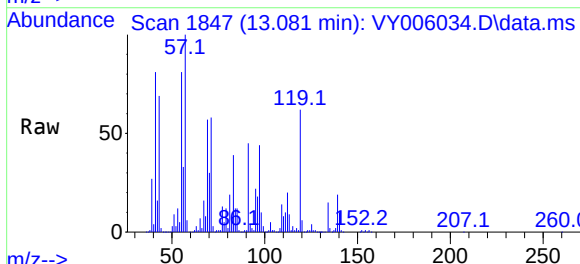
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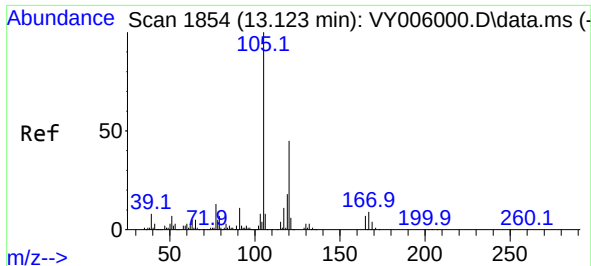
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#83
tert-Butylbenzene
Concen: 75.564 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VY006034.D
Acq: 15 Sep 2021 19:09

Tgt Ion:119 Resp: 901911
Ion Ratio Lower Upper
119 100
91 69.4 34.8 104.4
134 23.6 13.3 39.9





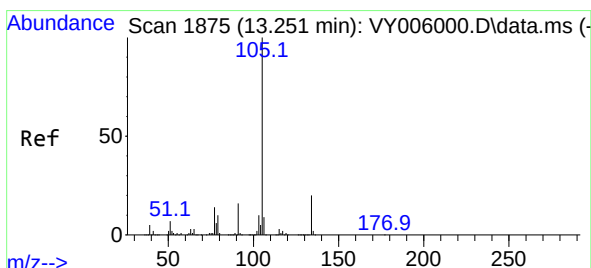
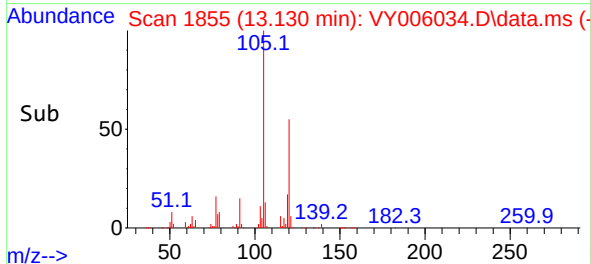
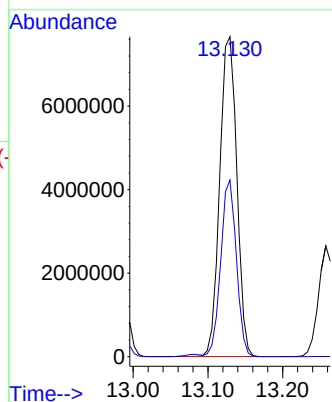
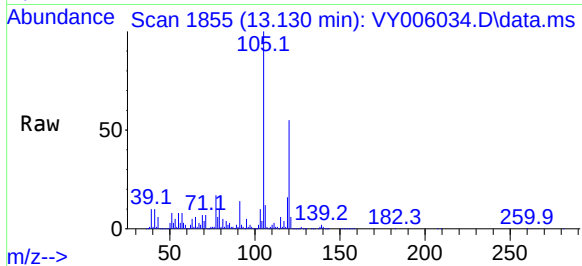
#84
1,2,4-Trimethylbenzene
Concen: 879.163 ug/l
RT: 13.130 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VY006034.D
Acq: 15 Sep 2021 19:09

Tgt Ion:105 Resp:12172305
Ion Ratio Lower Upper
105 100
120 50.7 22.3 66.9

Instrument :
MSVOA_Y
ClientSampleId :
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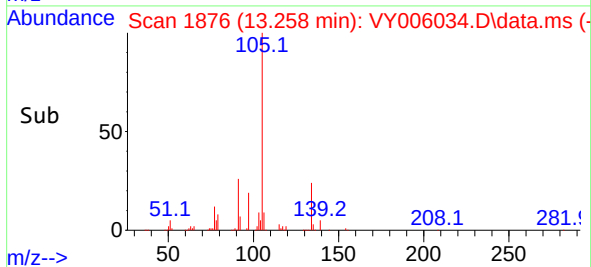
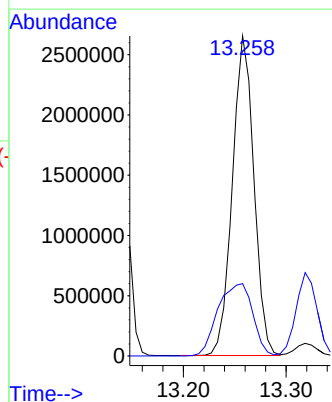
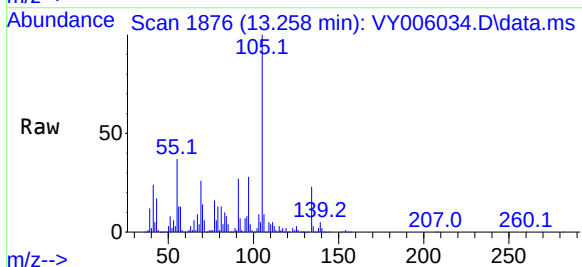
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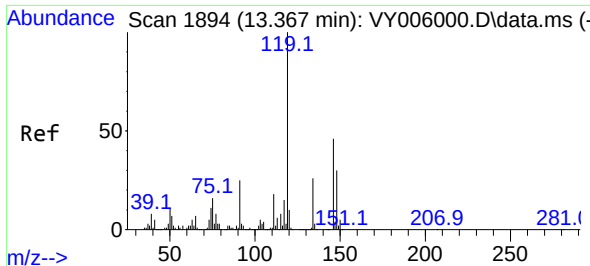
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#85
sec-Butylbenzene
Concen: 215.989 ug/l
RT: 13.258 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VY006034.D
Acq: 15 Sep 2021 19:09

Tgt Ion:105 Resp: 3859195
Ion Ratio Lower Upper
105 100
134 36.5 10.2 30.4#





#86
p-Isopropyltoluene
Concen: 155.667 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY006034.D
Acq: 15 Sep 2021 19:09

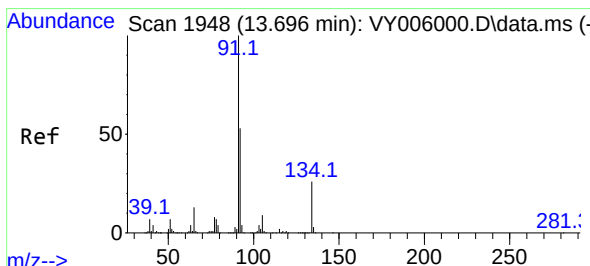
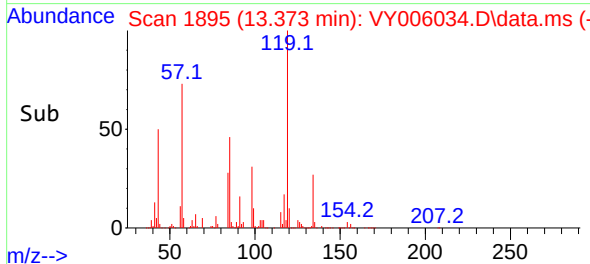
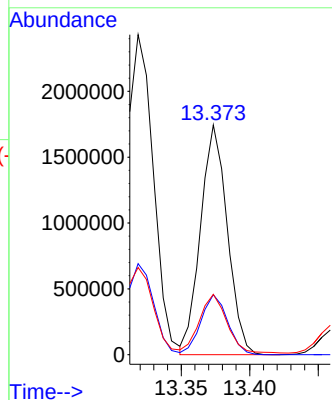
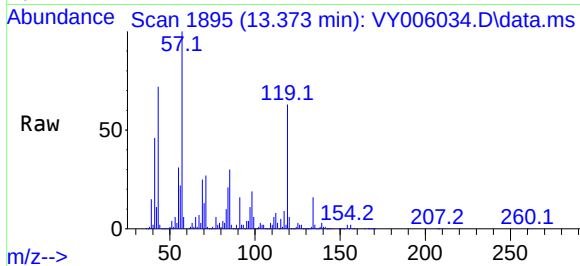
Tgt Ion: 119 Resp: 2374548

Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.2	39.5
91	25.9	12.4	37.2

Instrument :
MSVOA_Y
ClientSampleId :
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#89
n-Butylbenzene
Concen: 125.966 ug/l m
RT: 13.697 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY006034.D
Acq: 15 Sep 2021 19:09

Tgt Ion: 91 Resp: 1796852

Ion	Ratio	Lower	Upper
91	100		
92	56.5	26.3	78.9
134	0.0	13.0	38.9#

