

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091721\
 Data File : VY006067.D
 Acq On : 17 Sep 2021 13:42
 Operator : SY/MD
 Sample : M3772-03
 Misc : 6.79G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WASTE-PRE-CLASS

Manual Integrations
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Quant Time: Sep 20 05:24:26 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	115645	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	211000	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	228707	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	124254	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	90455	56.31	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.62%			
35) Dibromofluoromethane	7.722	113	66020	50.38	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.76%			
50) Toluene-d8	10.185	98	279924	50.11	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.22%			
62) 4-Bromofluorobenzene	12.483	95	114363	60.30	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 120.60%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.253	62	16529	9.64	ug/l	98
16) Acetone	3.954	43	5167	11.73	ug/l	94
21) trans-1,2-Dichloroethene	5.234	96	1330	1.03	ug/l	82
27) cis-1,2-Dichloroethene	6.990	96	452728	313.41	ug/l	87
39) Methylcyclohexane	9.185	83	5980	2.12	ug/l	95
44) Trichloroethene	8.941	130	564419	346.81	ug/l	95
52) Toluene	10.246	92	6263	1.56	ug/l	98
64) Tetrachloroethene	10.721	164	21765335m	11635.42	ug/l	
67) Ethyl Benzene	11.593	91	34765	3.74	ug/l	95
68) m/p-Xylenes	11.703	106	32174	9.12	ug/l	97
69) o-Xylene	12.032	106	38829	11.66	ug/l	99
73) Isopropylbenzene	12.331	105	78536	8.07	ug/l	98
78) n-propylbenzene	12.672	91	204706	17.00	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	269688	33.42	ug/l	100
83) tert-Butylbenzene	13.074	119	29579	4.29	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	1142875	142.75	ug/l	99
85) sec-Butylbenzene	13.251	105	105080	10.17	ug/l #	64
86) p-Isopropyltoluene	13.373	119	111854	12.68	ug/l	99
89) n-Butylbenzene	13.696	91	114669	13.90	ug/l #	75
95) Naphthalene	15.233	128	159195	32.07	ug/l	98

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

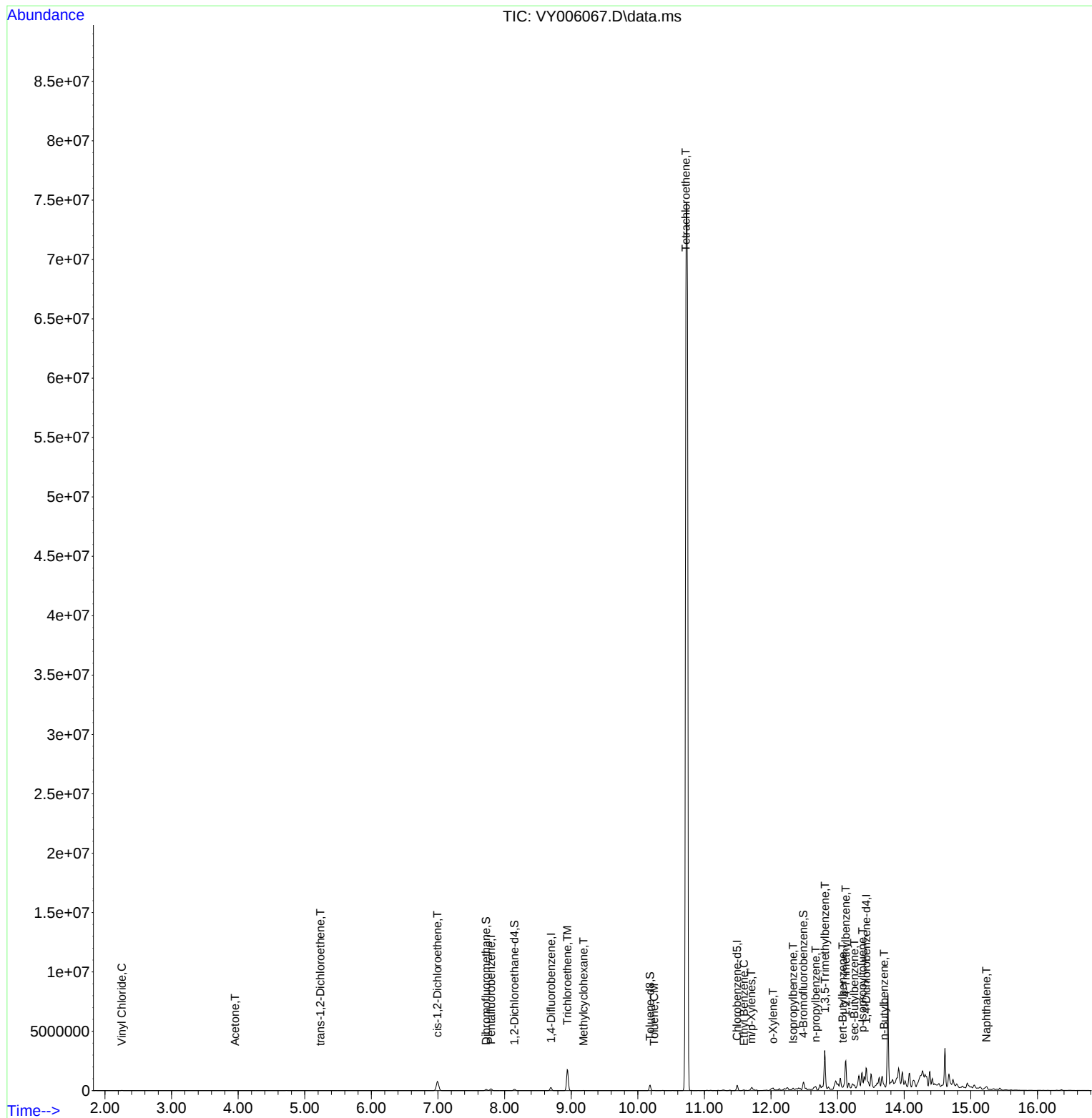
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091721\
Data File : VY006067.D
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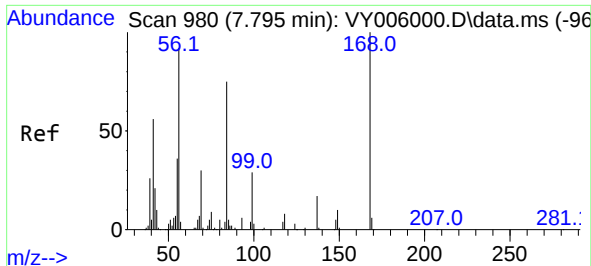
Instrument :
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Quant Time: Sep 20 05:24:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
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Response via : Initial Calibration





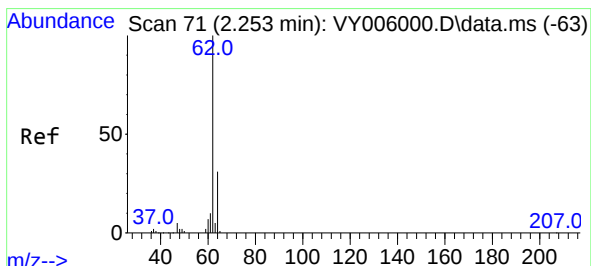
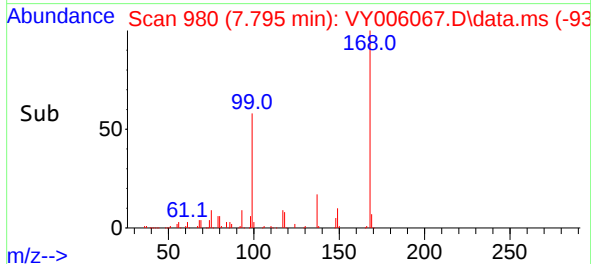
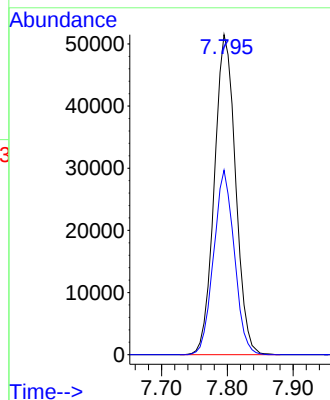
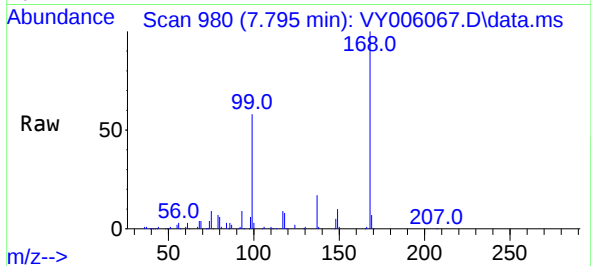
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006067.D
Acq: 17 Sep 2021 13:42

Tgt Ion: 168 Resp: 115645
Ion Ratio Lower Upper
168 100
99 57.6 46.9 70.3

Instrument :
MSVOA_Y
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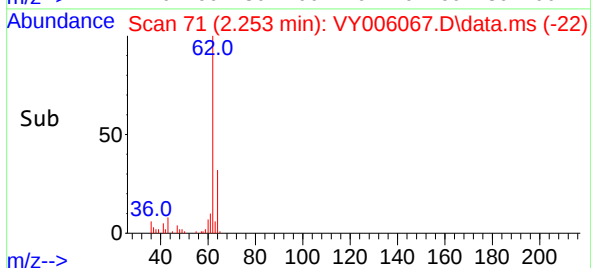
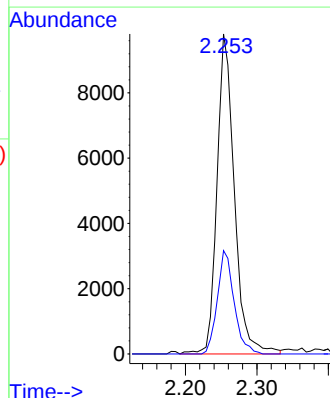
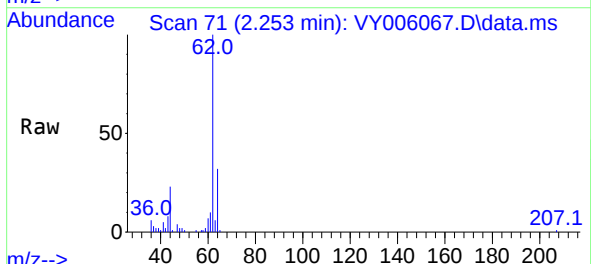
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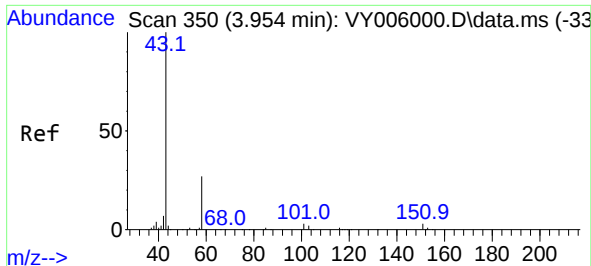
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#4
Vinyl Chloride
Concen: 9.64 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY006067.D
Acq: 17 Sep 2021 13:42

Tgt Ion: 62 Resp: 16529
Ion Ratio Lower Upper
62 100
64 32.3 25.0 37.6





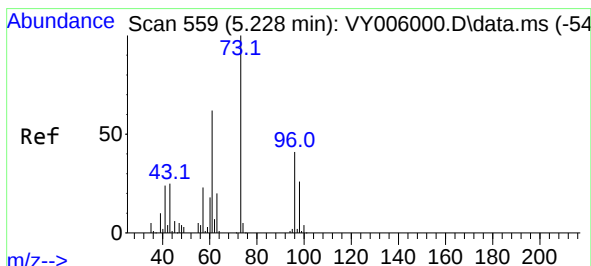
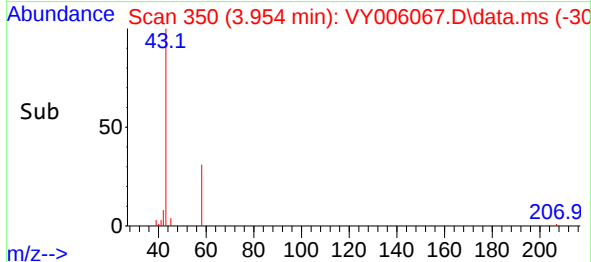
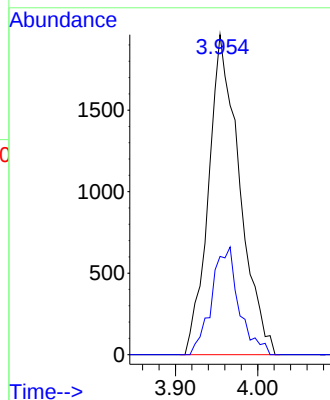
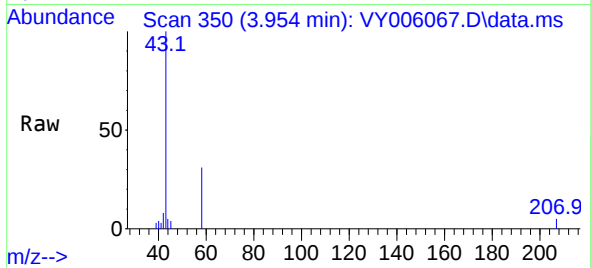
#16
Acetone
Concen: 11.73 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY006067.D
Acq: 17 Sep 2021 13:42

Tgt Ion: 43 Resp: 5167
Ion Ratio Lower Upper
43 100
58 30.7 22.0 33.0

Instrument :
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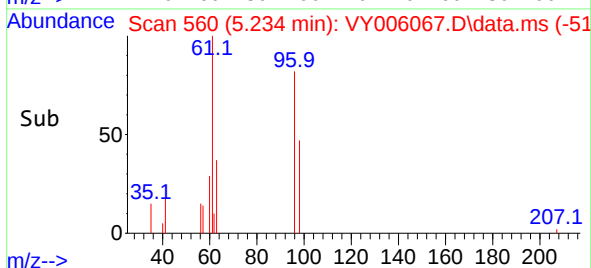
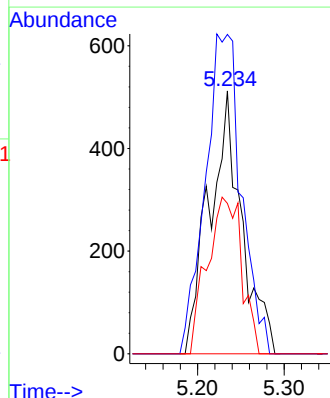
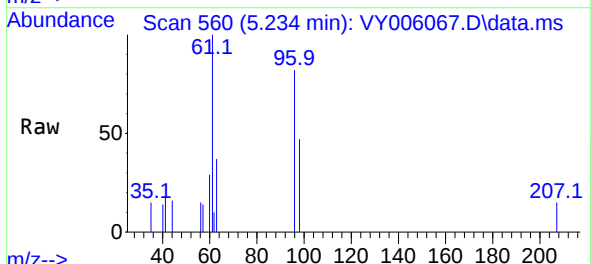
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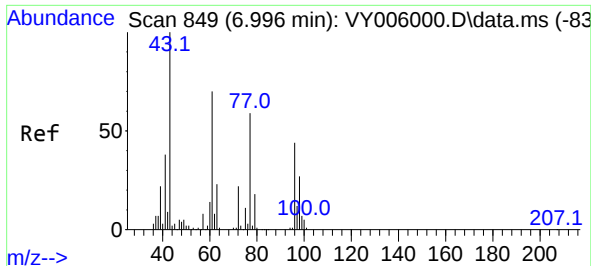
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#21
trans-1,2-Dichloroethene
Concen: 1.03 ug/l
RT: 5.234 min Scan# 560
Delta R.T. 0.006 min
Lab File: VY006067.D
Acq: 17 Sep 2021 13:42

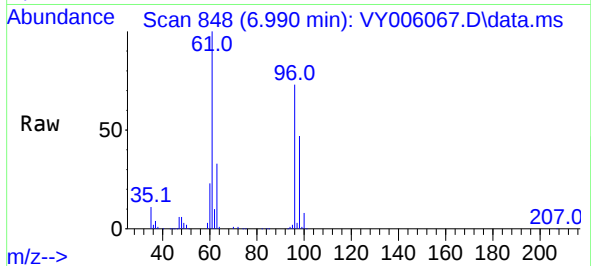
Tgt Ion: 96 Resp: 1330
Ion Ratio Lower Upper
96 100
61 121.5 120.5 180.7
98 57.2 49.8 74.8





#27
cis-1,2-Dichloroethene
Concen: 313.41 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY006067.D
Acq: 17 Sep 2021 13:42

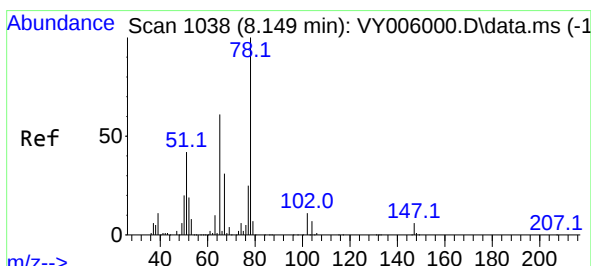
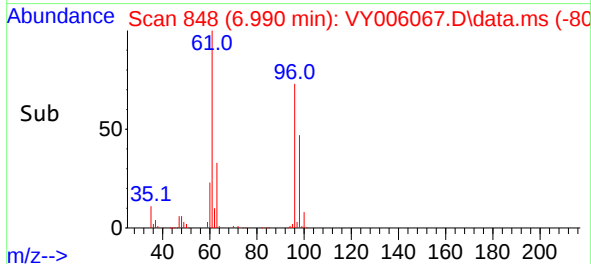
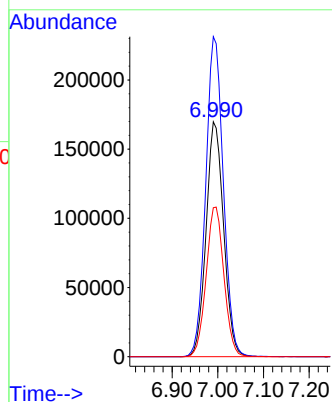
Instrument :
MSVOA_Y
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Tgt Ion: 96 Resp: 452728
Ion Ratio Lower Upper
96 100
61 136.5 0.0 319.8
98 64.6 0.0 127.0

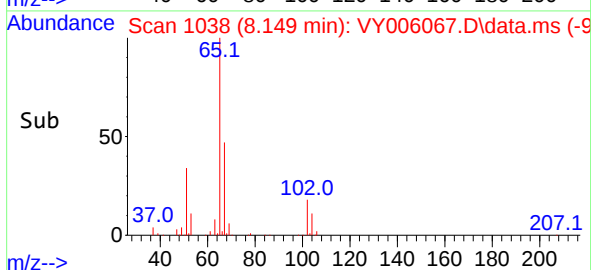
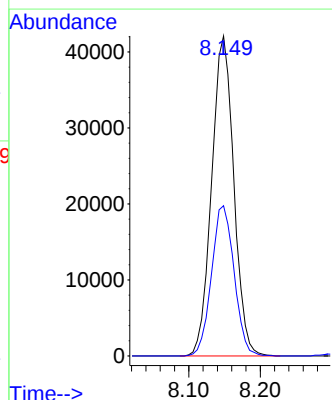
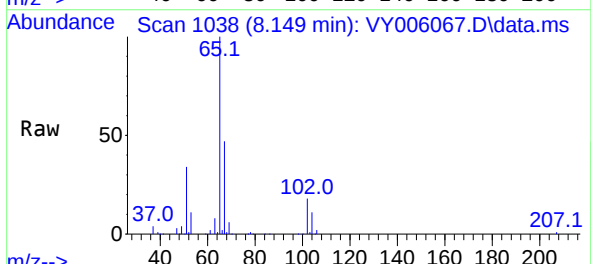
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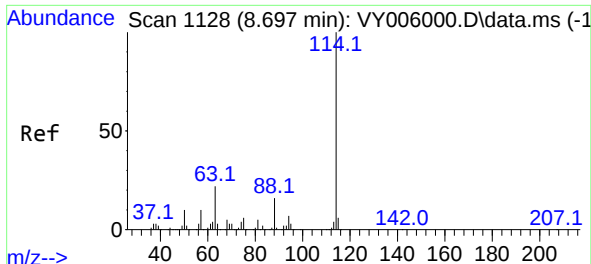
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#33
1,2-Dichloroethane-d4
Concen: 56.31 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006067.D
Acq: 17 Sep 2021 13:42

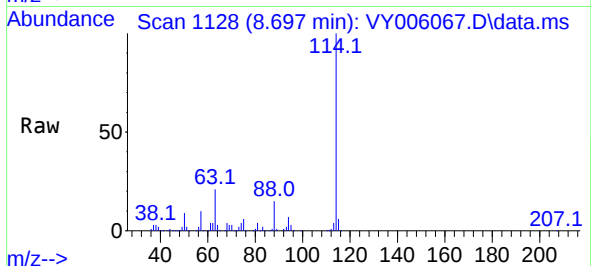
Tgt Ion: 65 Resp: 90455
Ion Ratio Lower Upper
65 100
67 48.0 0.0 99.4





#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006067.D
Acq: 17 Sep 2021 13:42

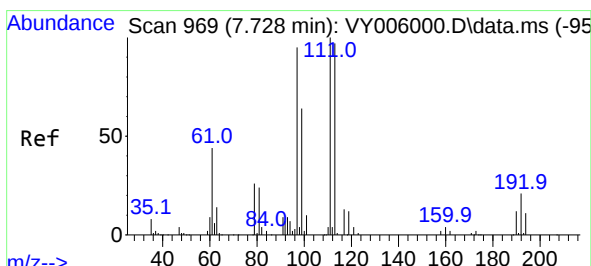
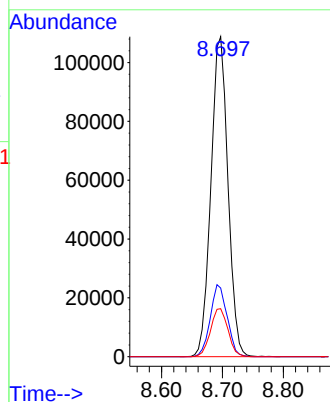
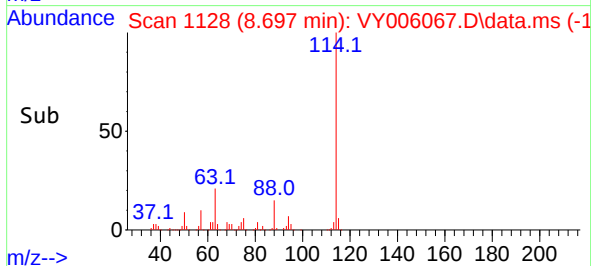
Instrument :
MSVOA_Y
ClientSampleId :
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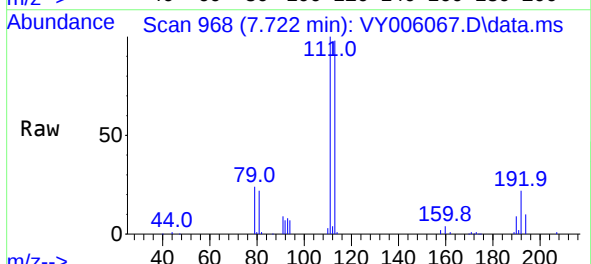
Tgt Ion:114 Resp: 211000
Ion Ratio Lower Upper
114 100
63 21.5 0.0 43.2
88 15.0 0.0 31.8

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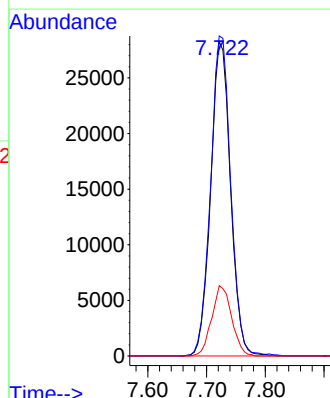
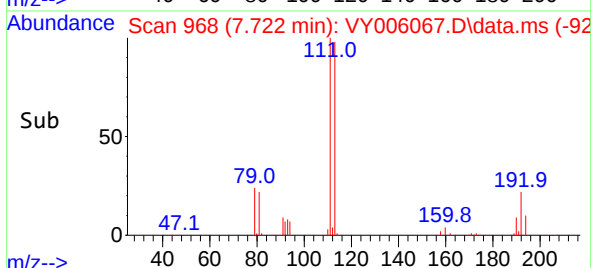
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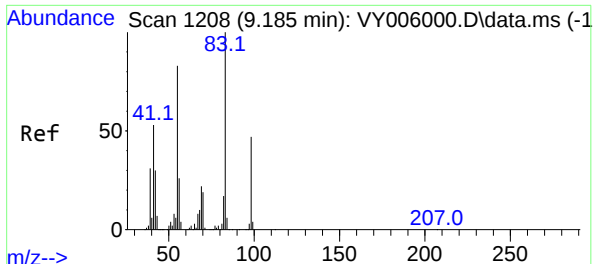


#35
Dibromofluoromethane
Concen: 50.38 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006067.D
Acq: 17 Sep 2021 13:42



Tgt Ion:113 Resp: 66020
Ion Ratio Lower Upper
113 100
111 103.9 82.6 124.0
192 22.5 17.6 26.4





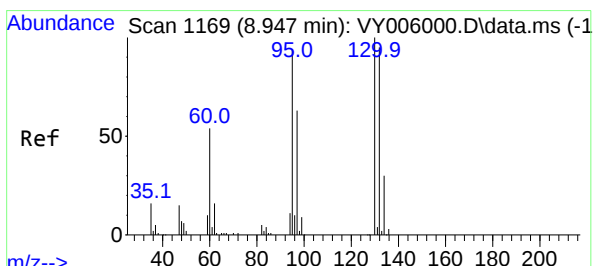
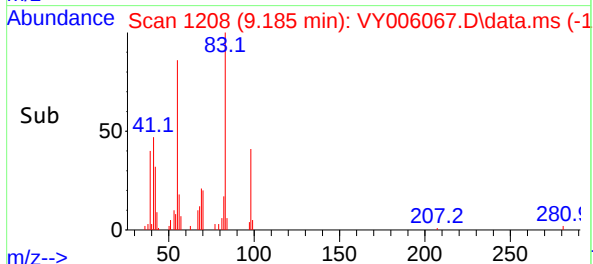
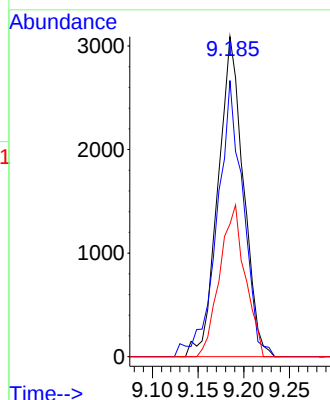
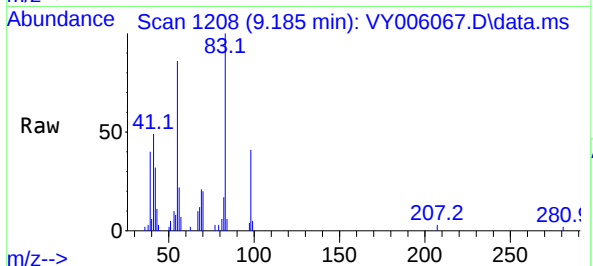
#39
Methylcyclohexane
Concen: 2.12 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.000 min
Lab File: VY006067.D
Acq: 17 Sep 2021 13:42

Tgt Ion:	83	Resp:	5980
Ion	Ratio	Lower	Upper
83	100		
55	86.3	66.5	99.7
98	41.5	37.9	56.9

Instrument :
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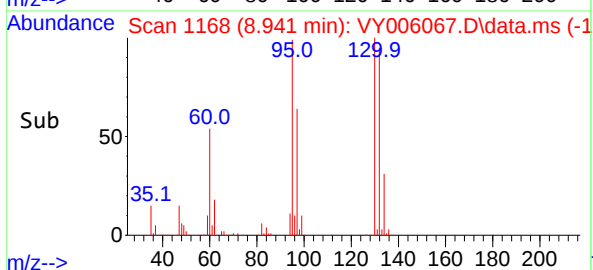
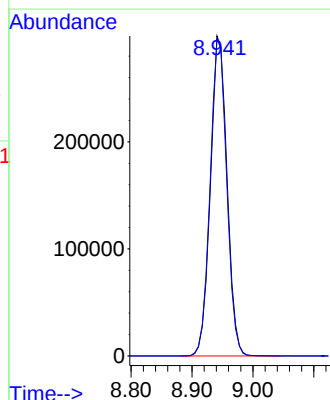
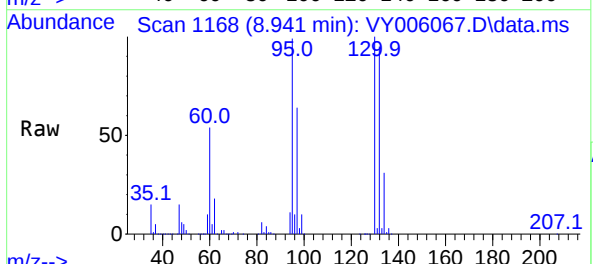
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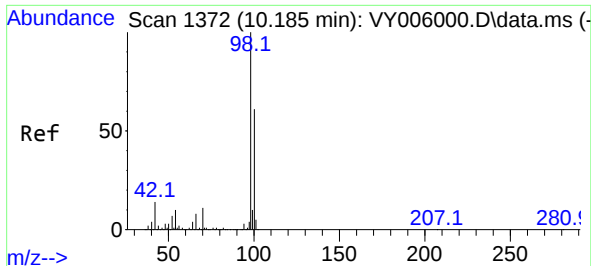
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#44
Trichloroethene
Concen: 346.81 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY006067.D
Acq: 17 Sep 2021 13:42

Tgt Ion:	130	Resp:	564419
Ion	Ratio	Lower	Upper
130	100		
95	99.0	0.0	188.2





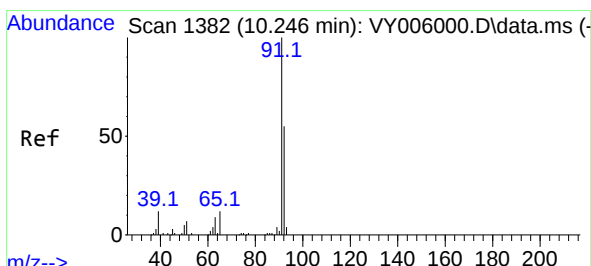
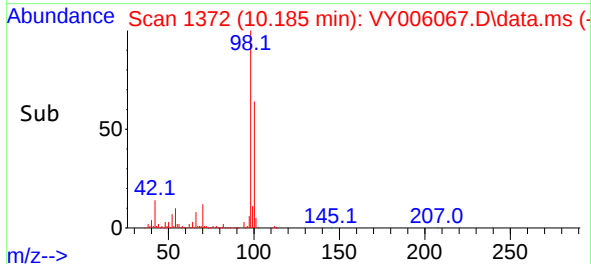
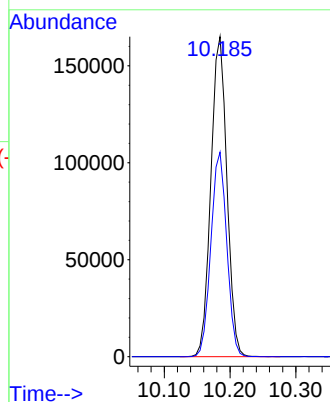
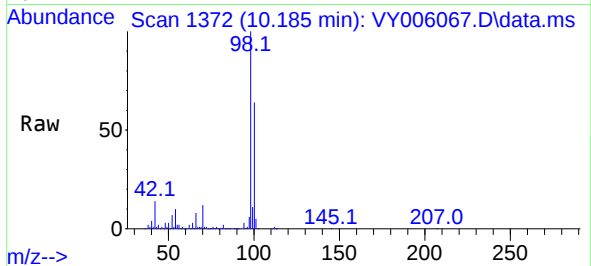
#50
Toluene-d8
Concen: 50.11 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006067.D
Acq: 17 Sep 2021 13:42

Tgt Ion: 98 Resp: 279924
Ion Ratio Lower Upper
98 100
100 63.2 50.2 75.2

Instrument :
MSVOA_Y
ClientSampleId :
WASTE-PRE-CLASS

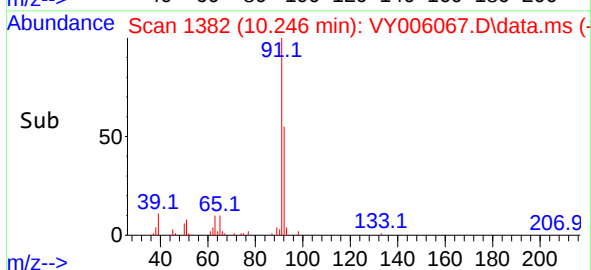
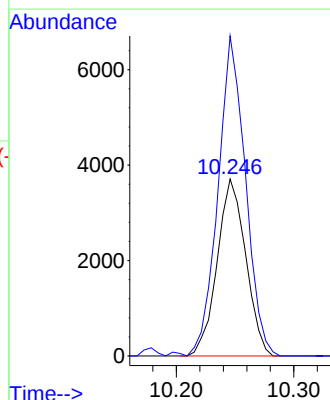
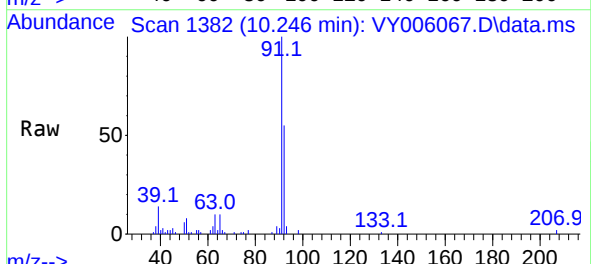
Manual Integrations
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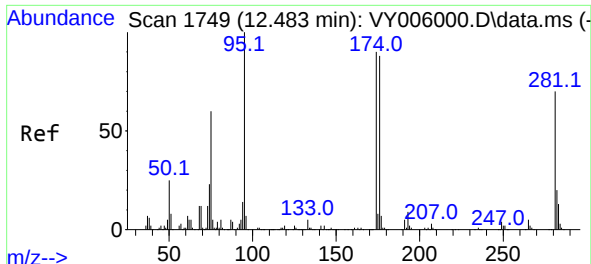
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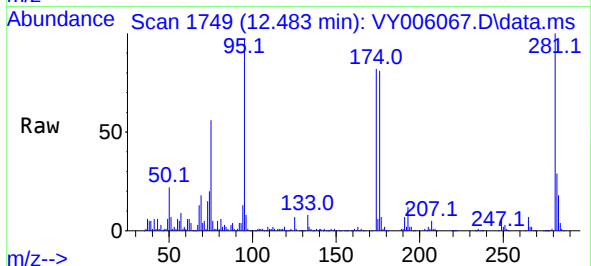
#52
Toluene
Concen: 1.56 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY006067.D
Acq: 17 Sep 2021 13:42

Tgt Ion: 92 Resp: 6263
Ion Ratio Lower Upper
92 100
91 174.7 142.6 213.8

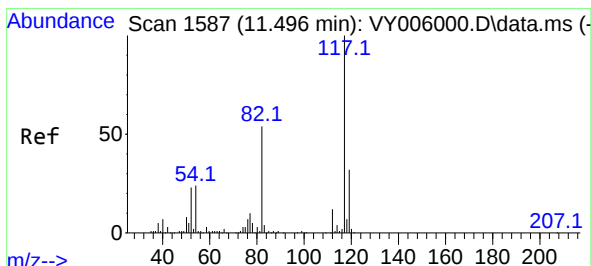
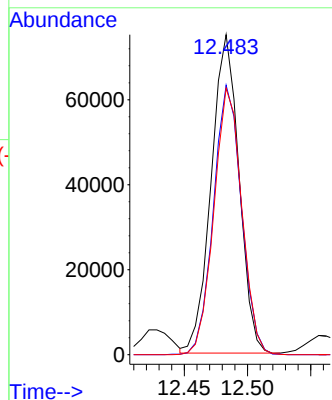
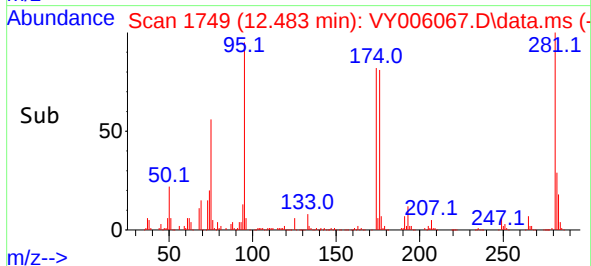




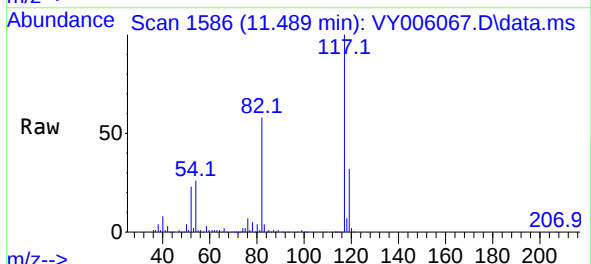
#62
4-Bromofluorobenzene
Concen: 60.30 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006067.D
Acq: 17 Sep 2021 13:42



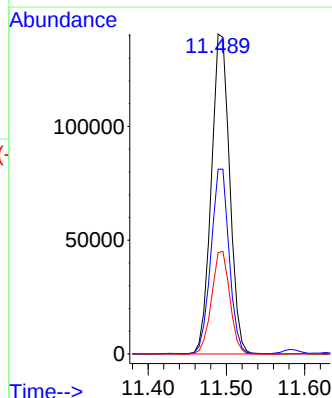
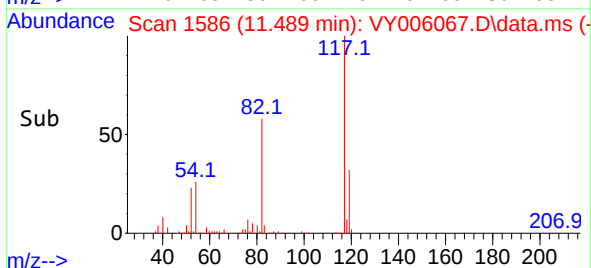
Tgt Ion: 95 Resp: 114363
Ion Ratio Lower Upper
95 100
174 85.0 0.0 177.0
176 83.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006067.D
Acq: 17 Sep 2021 13:42



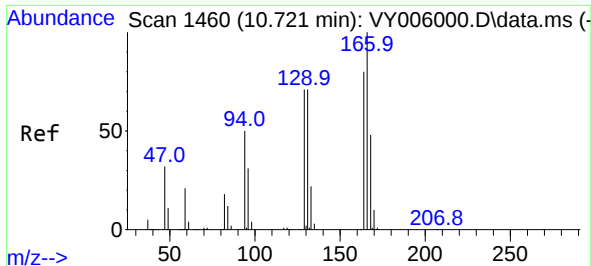
Tgt Ion: 117 Resp: 228707
Ion Ratio Lower Upper
117 100
82 57.6 43.0 64.4
119 31.6 25.4 38.0



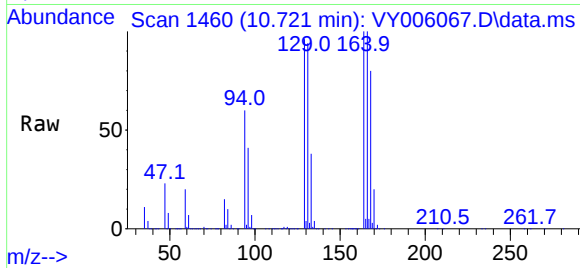
Instrument :
MSVOA_Y
ClientSampleId :
WASTE-PRE-CLASS

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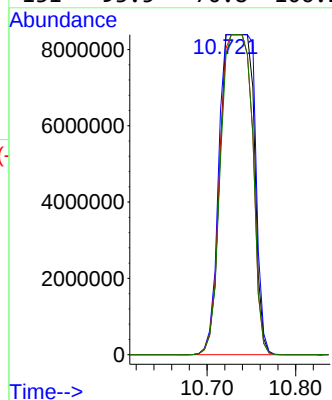


#64
Tetrachloroethene
Concen: 11635.42 ug/l m
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY006067.D
Acq: 17 Sep 2021 13:42



Tgt Ion:164 Resp:21765335

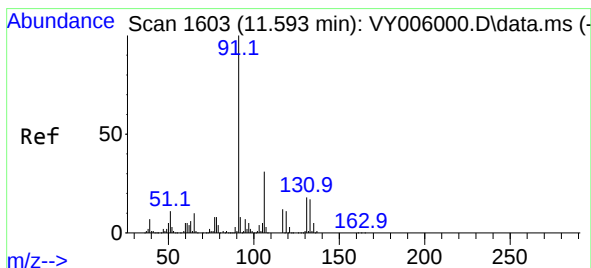
Ion	Ratio	Lower	Upper
164	100		
166	100.0	100.4	150.6#
129	95.8	71.4	107.0
131	93.5	70.8	106.2



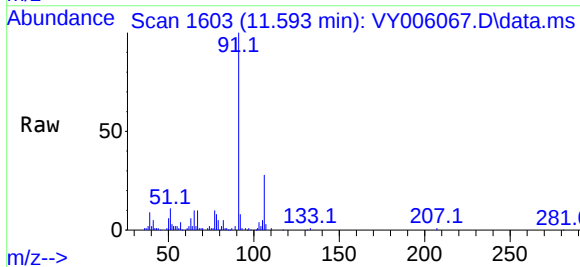
Instrument :
MSVOA_Y
ClientSampleId :
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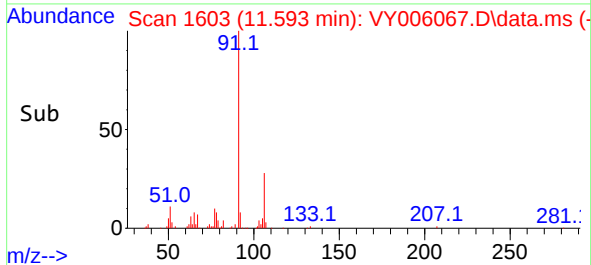
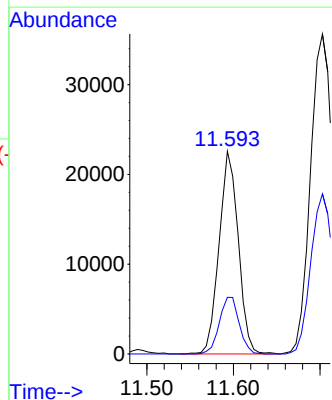


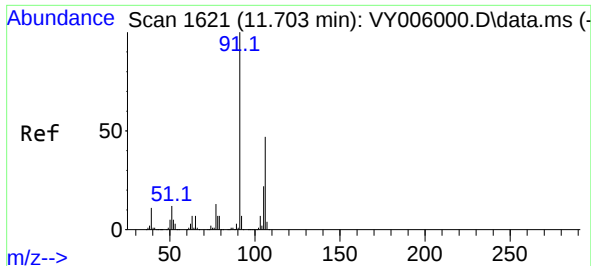
#67
Ethyl Benzene
Concen: 3.74 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY006067.D
Acq: 17 Sep 2021 13:42



Tgt Ion: 91 Resp: 34765

Ion	Ratio	Lower	Upper
91	100		
106	27.9	24.5	36.7





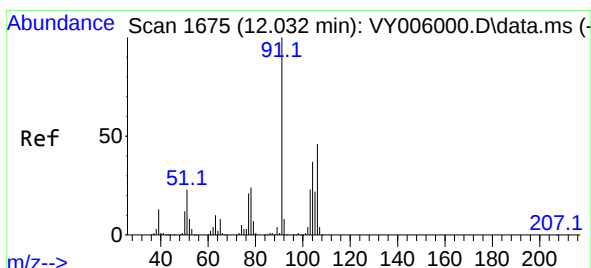
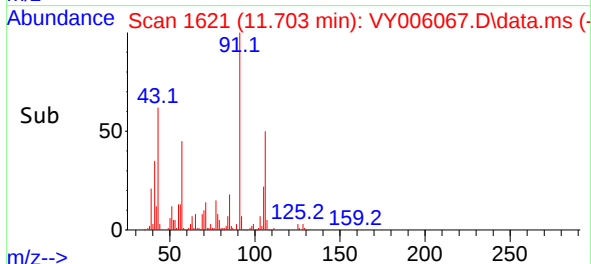
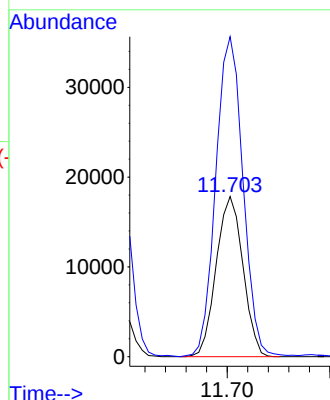
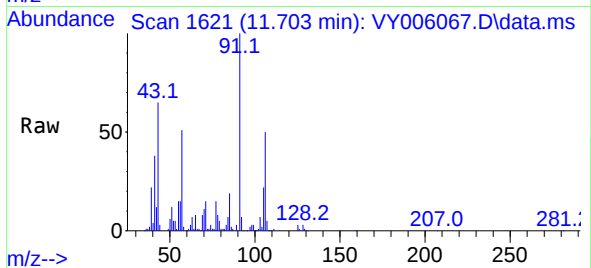
#68
m/p-Xylenes
Concen: 9.12 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY006067.D
Acq: 17 Sep 2021 13:42

Tgt Ion:106 Resp: 32174
Ion Ratio Lower Upper
106 100
91 203.6 166.6 249.8

Instrument :
MSVOA_Y
ClientSampleId :
WASTE-PRE-CLASS

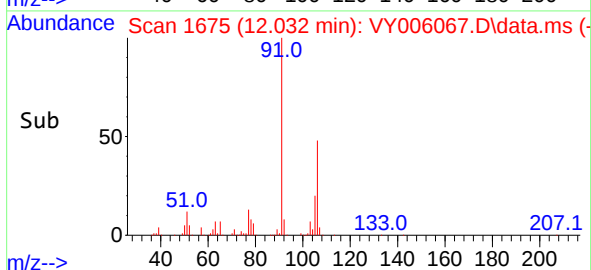
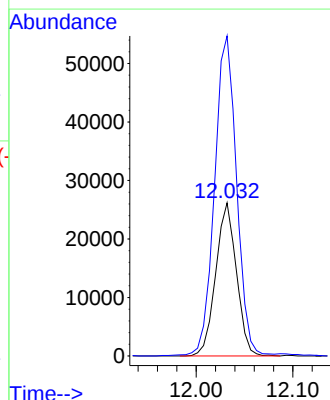
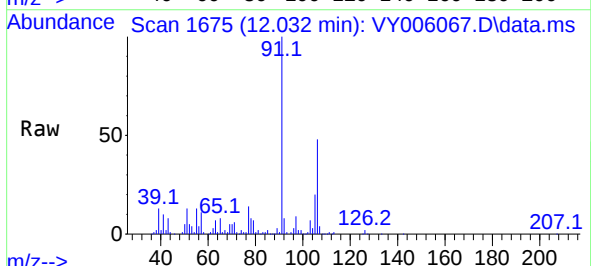
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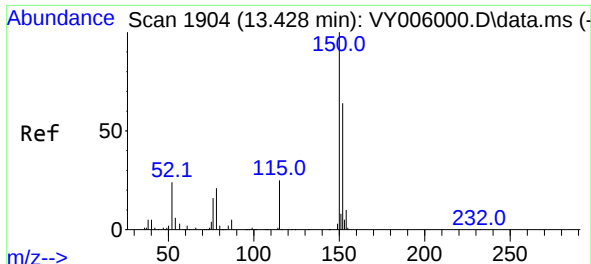
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#69
o-Xylene
Concen: 11.66 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY006067.D
Acq: 17 Sep 2021 13:42

Tgt Ion:106 Resp: 38829
Ion Ratio Lower Upper
106 100
91 223.0 110.3 331.0





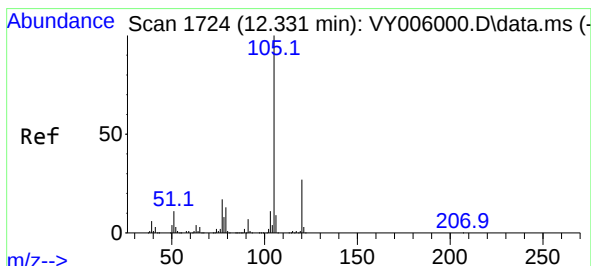
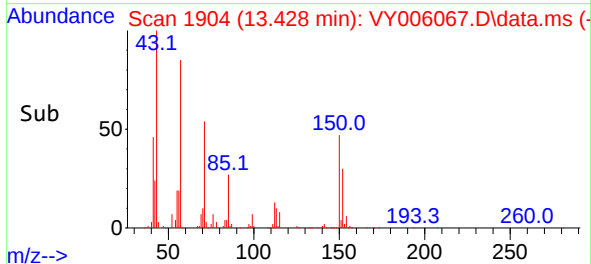
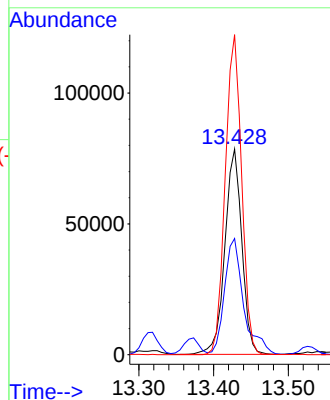
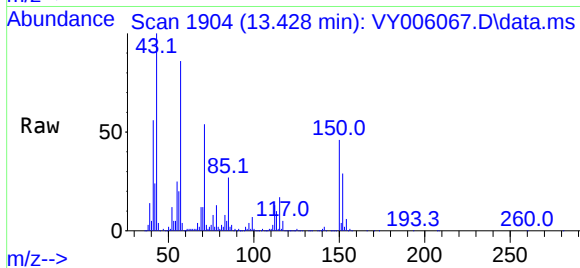
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006067.D
Acq: 17 Sep 2021 13:42

Tgt Ion:152 Resp: 124254
Ion Ratio Lower Upper
152 100
115 63.4 28.2 84.7
150 150.0 0.0 347.6

Instrument :
MSVOA_Y
ClientSampleId :
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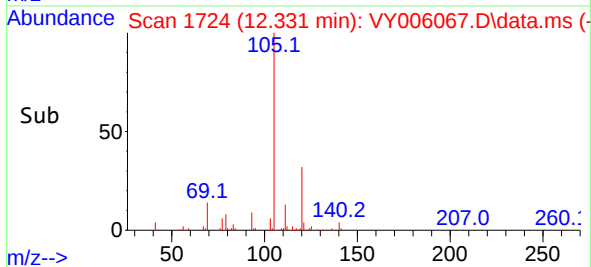
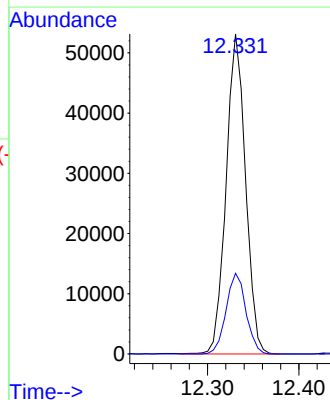
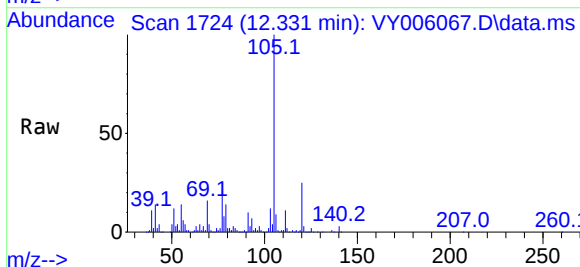
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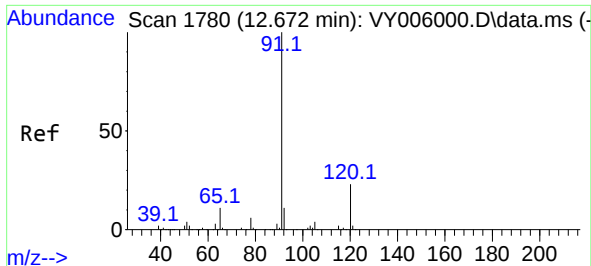
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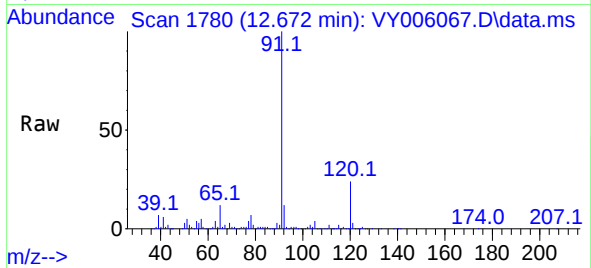
#73
Isopropylbenzene
Concen: 8.07 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY006067.D
Acq: 17 Sep 2021 13:42

Tgt Ion:105 Resp: 78536
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.2

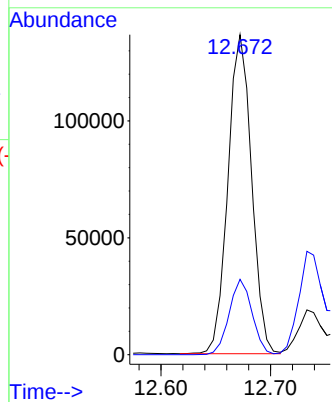
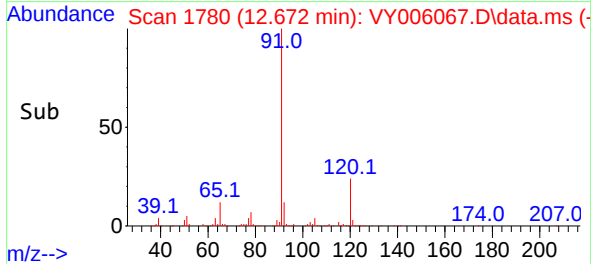




#78
n-propylbenzene
Concen: 17.00 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY006067.D
Acq: 17 Sep 2021 13:42



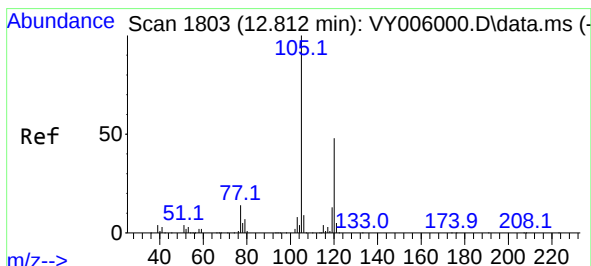
Tgt Ion: 91 Resp: 204706
Ion Ratio Lower Upper
91 100
120 22.9 11.3 33.9



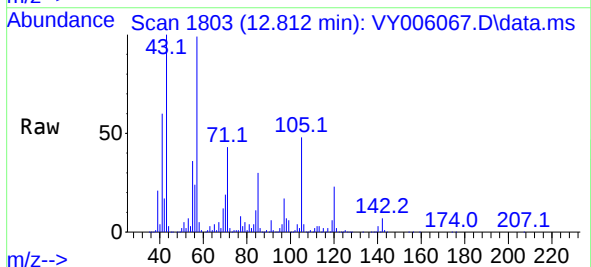
Instrument :
MSVOA_Y
ClientSampleId :
WASTE-PRE-CLASS

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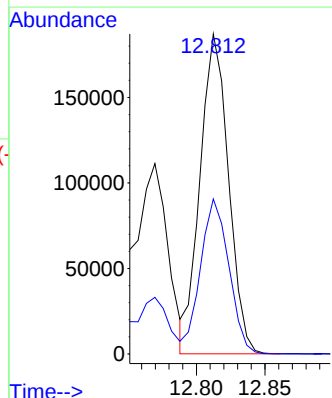
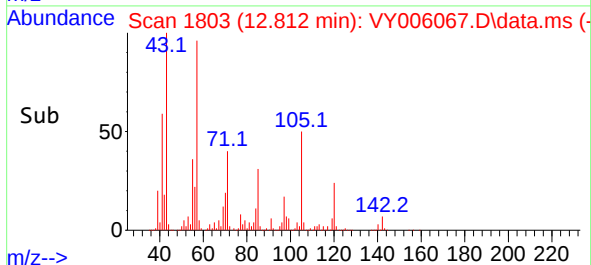
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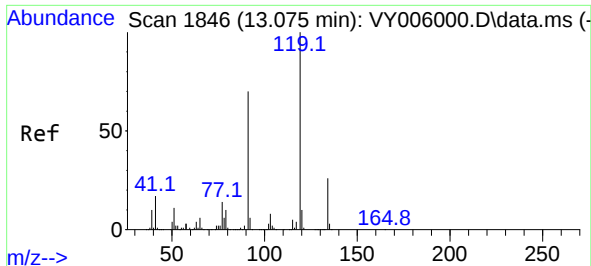


#80
1,3,5-Trimethylbenzene
Concen: 33.42 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY006067.D
Acq: 17 Sep 2021 13:42



Tgt Ion: 105 Resp: 269688
Ion Ratio Lower Upper
105 100
120 48.6 24.4 73.4





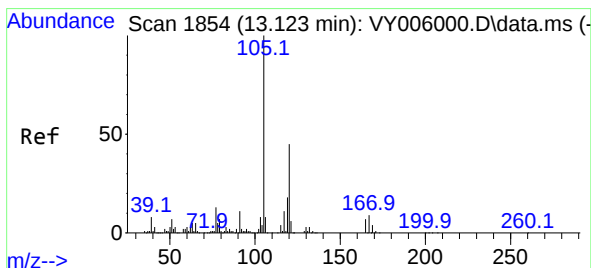
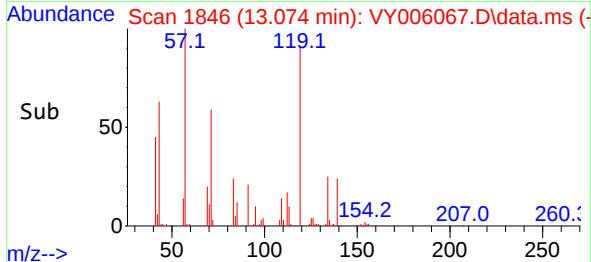
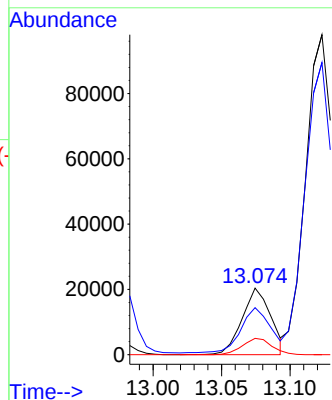
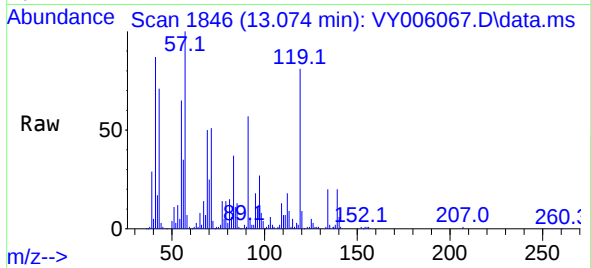
#83
tert-Butylbenzene
Concen: 4.29 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY006067.D
Acq: 17 Sep 2021 13:42

Tgt Ion:119 Resp: 29579
Ion Ratio Lower Upper
119 100
91 69.8 34.8 104.4
134 25.2 13.3 39.9

Instrument :
MSVOA_Y
ClientSampleId :
WASTE-PRE-CLASS

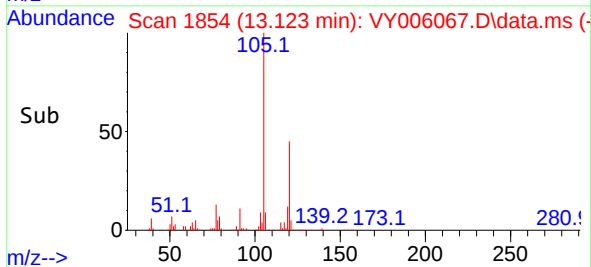
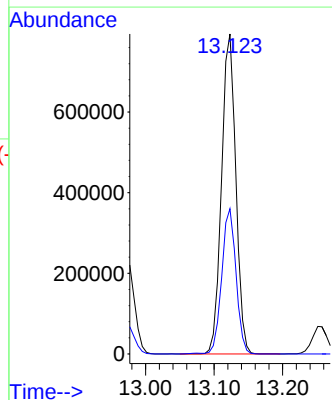
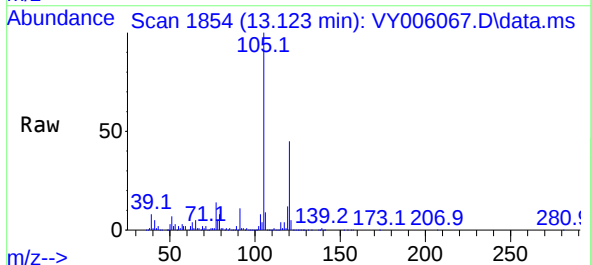
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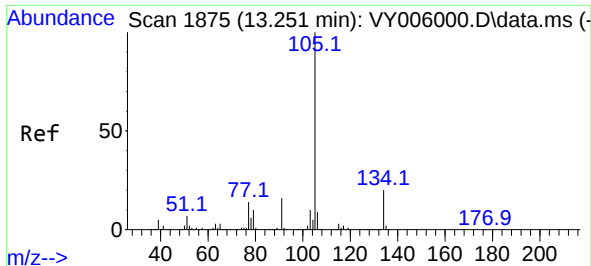
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#84
1,2,4-Trimethylbenzene
Concen: 142.75 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY006067.D
Acq: 17 Sep 2021 13:42

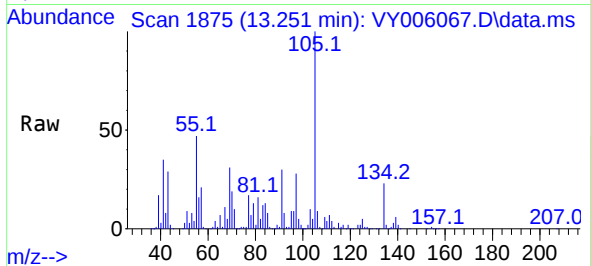
Tgt Ion:105 Resp: 1142875
Ion Ratio Lower Upper
105 100
120 45.5 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 10.17 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY006067.D
 Acq: 17 Sep 2021 13:42

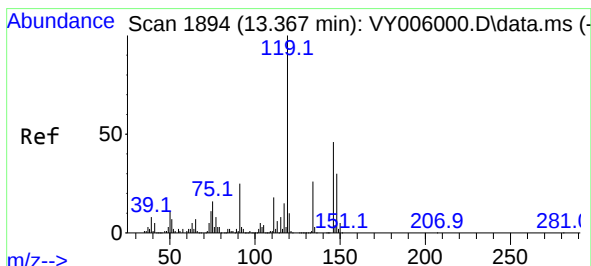
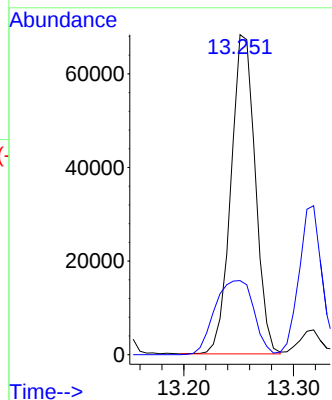
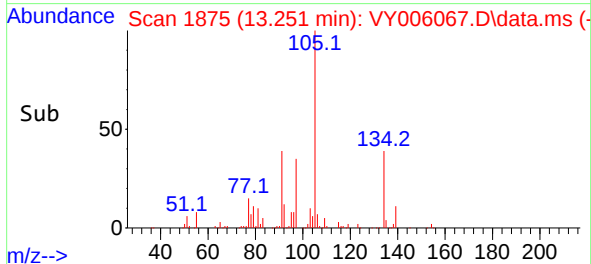
Instrument :
 MSVOA_Y
 ClientSampleId :
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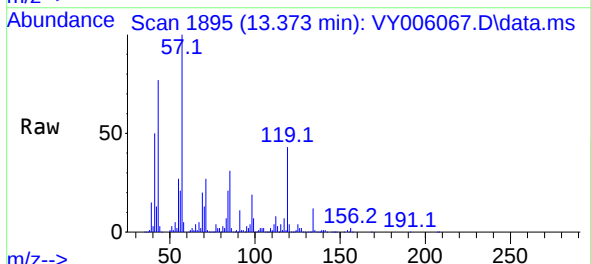
Tgt Ion:105 Resp: 105080
 Ion Ratio Lower Upper
 105 100
 134 37.1 10.2 30.4#

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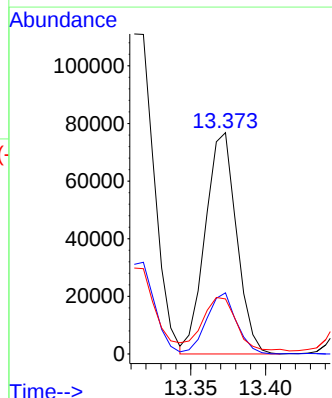
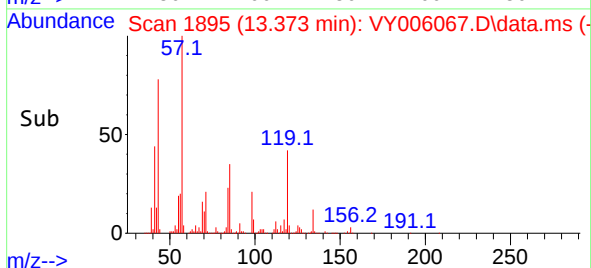
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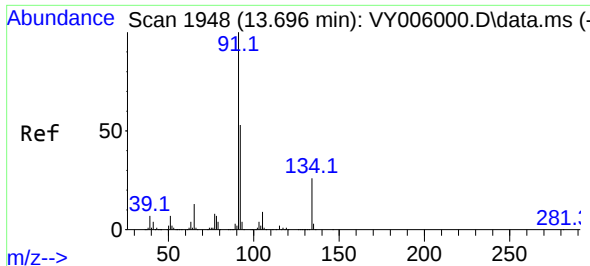


#86
 p-Isopropyltoluene
 Concen: 12.68 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY006067.D
 Acq: 17 Sep 2021 13:42



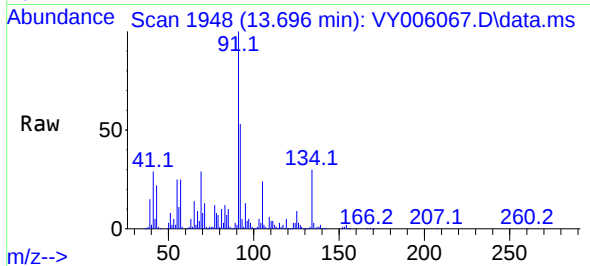
Tgt Ion:119 Resp: 111854
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.2 39.5
 91 26.1 12.4 37.2





#89
n-Butylbenzene
Concen: 13.90 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY006067.D
Acq: 17 Sep 2021 13:42

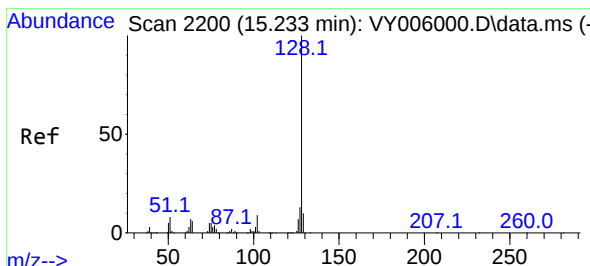
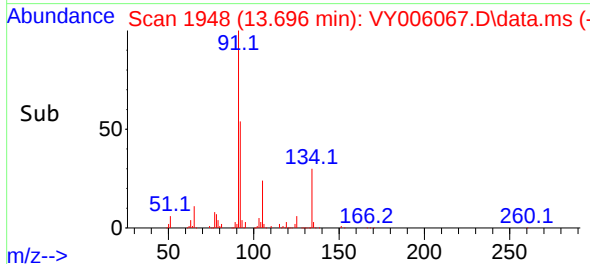
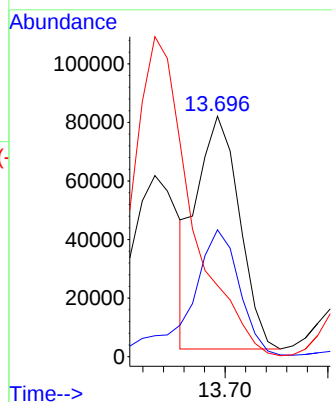
Instrument :
MSVOA_Y
ClientSampleId :
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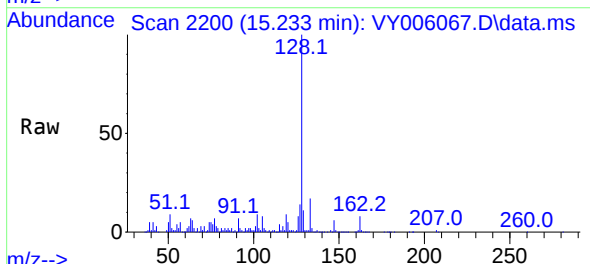
Tgt Ion: 91 Resp: 114669
Ion Ratio Lower Upper
91 100
92 61.6 26.3 78.9
134 0.0 13.0 38.9#

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#95
Naphthalene
Concen: 32.07 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY006067.D
Acq: 17 Sep 2021 13:42



Tgt Ion: 128 Resp: 159195
Ion Ratio Lower Upper
128 100
127 14.0 11.0 16.4
129 11.9 8.4 12.6

