

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091521\
 Data File : VY006032.D
 Acq On : 15 Sep 2021 18:23
 Operator : SY/MD
 Sample : M3733-03
 Misc : 7.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SUP-UST-02-(5-7)

Quant Time: Sep 16 01:24:29 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)

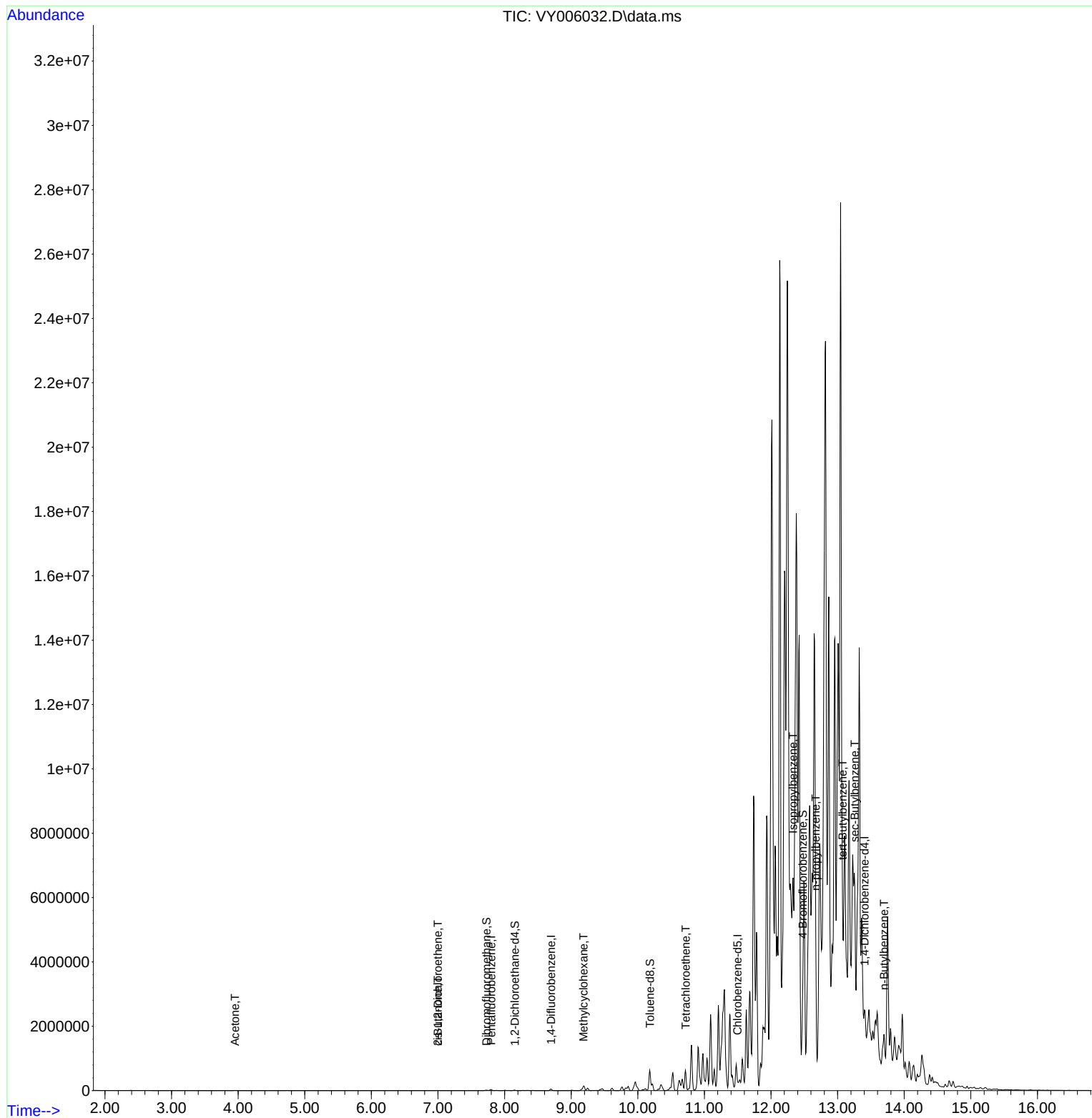
Internal Standards						
1) Pentafluorobenzene	7.801	168	24132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	39356	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	36739	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.404	152	71220	50.000	ug/l	#-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	13916	41.515	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.020%
35) Dibromofluoromethane	7.728	113	11180	45.736	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.480%
50) Toluene-d8	10.185	98	76621	73.544	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	147.080%#
62) 4-Bromofluorobenzene	12.477	95	360793	1019.986	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	2039.980%#
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	10330	112.355	ug/l	98
25) 2-Butanone	6.996	43	2118	16.714	ug/l	96
27) cis-1,2-Dichloroethene	6.996	96	1726	5.726	ug/l	82
39) Methylcyclohexane	9.185	83	41108	78.080	ug/l	90
64) Tetrachloroethene	10.721	164	1211	4.030	ug/l #	79
73) Isopropylbenzene	12.331	105	167617	30.055	ug/l	98
78) n-propylbenzene	12.672	91	724952	105.061	ug/l	96
83) tert-Butylbenzene	13.075	119	167285	42.287	ug/l	74
85) sec-Butylbenzene	13.257	105	975037	164.648	ug/l #	60
89) n-Butylbenzene	13.696	91	427431	90.408	ug/l	90

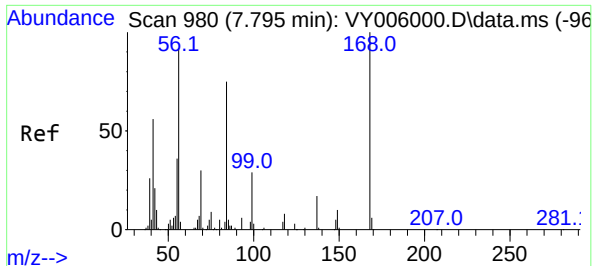
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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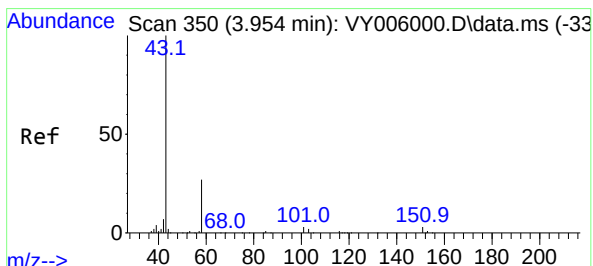
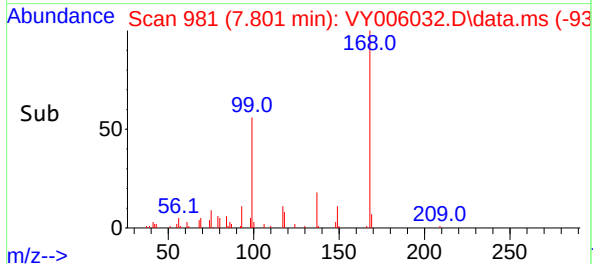
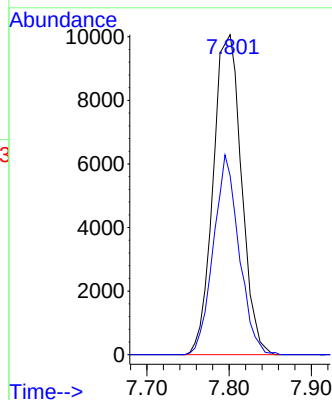
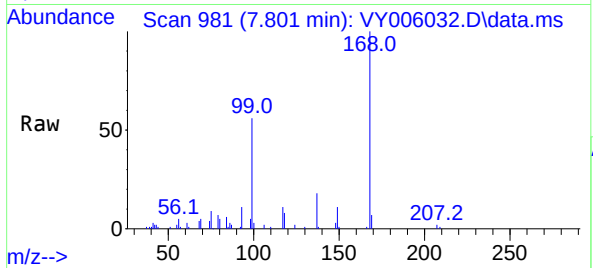




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006032.D
Acq: 15 Sep 2021 18:23

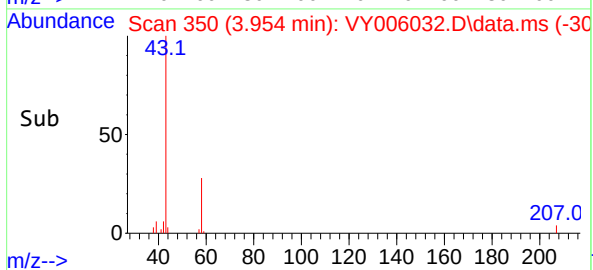
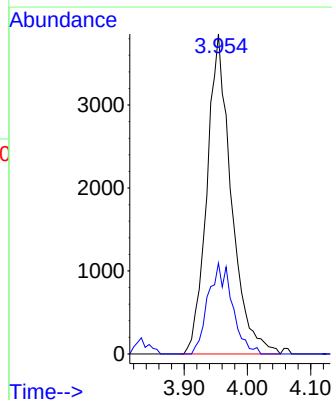
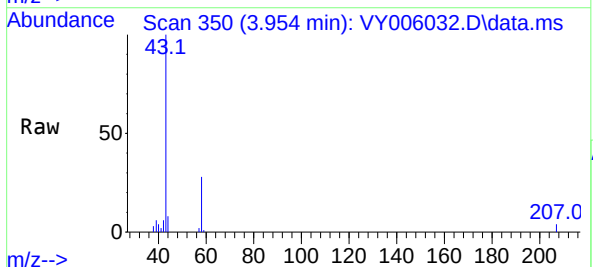
Instrument :
MSVOA_Y
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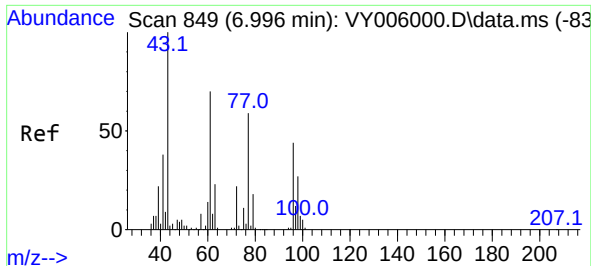
Tgt Ion:168 Resp: 24132
Ion Ratio Lower Upper
168 100
99 56.0 46.9 70.3



#16
Acetone
Concen: 112.355 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY006032.D
Acq: 15 Sep 2021 18:23

Tgt Ion: 43 Resp: 10330
Ion Ratio Lower Upper
43 100
58 28.4 22.0 33.0

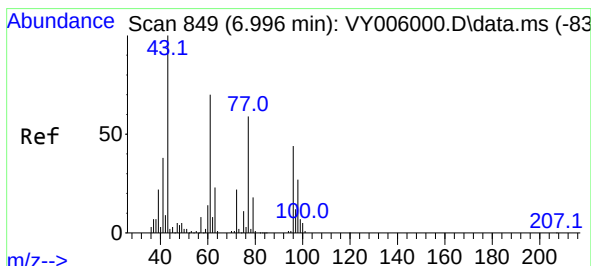
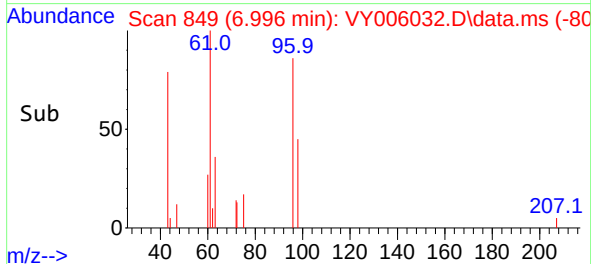
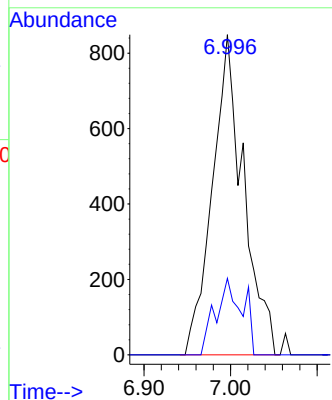
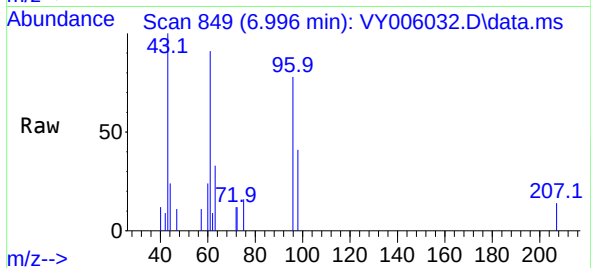




#25
2-Butanone
Concen: 16.714 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY006032.D
Acq: 15 Sep 2021 18:23

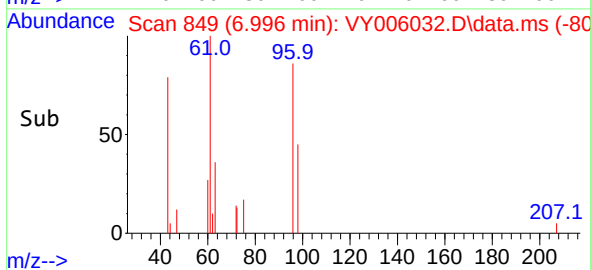
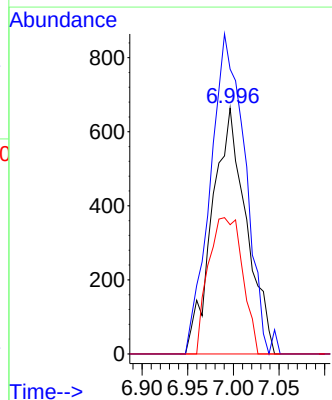
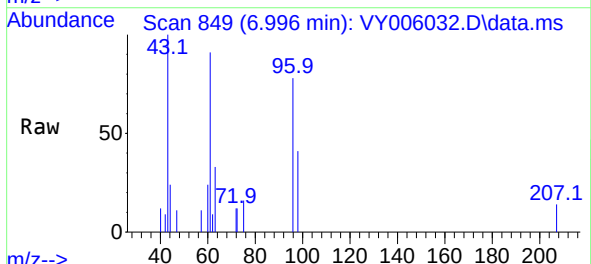
Instrument :
MSVOA_Y
ClientSampleId :
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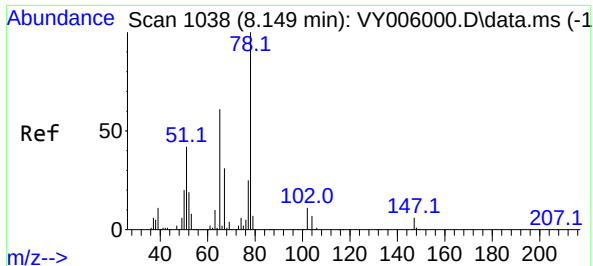
Tgt Ion: 43 Resp: 2118
Ion Ratio Lower Upper
43 100
72 23.9 17.7 26.5



#27
cis-1,2-Dichloroethene
Concen: 5.726 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY006032.D
Acq: 15 Sep 2021 18:23

Tgt Ion: 96 Resp: 1726
Ion Ratio Lower Upper
96 100
61 132.0 0.0 319.8
98 55.3 0.0 127.0

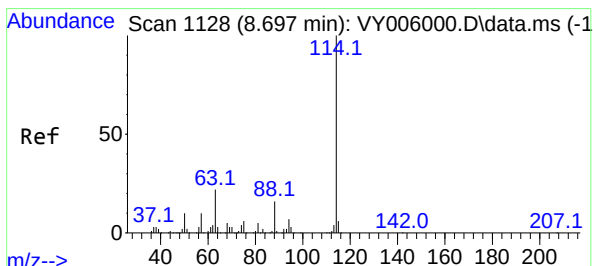
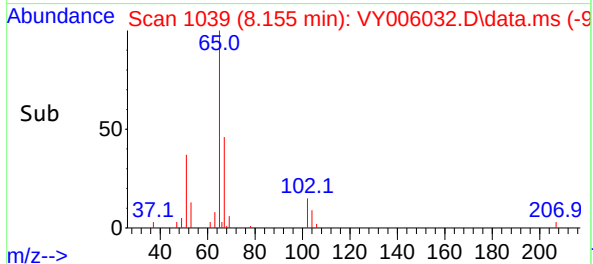
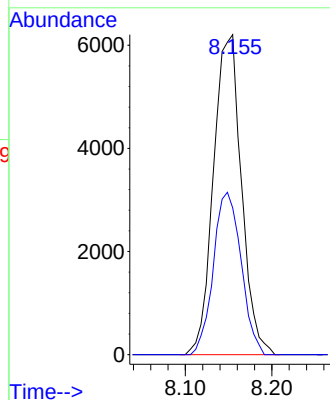
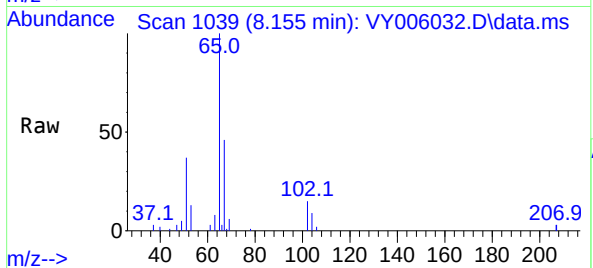




#33
1,2-Dichloroethane-d4
Concen: 41.515 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY006032.D
Acq: 15 Sep 2021 18:23

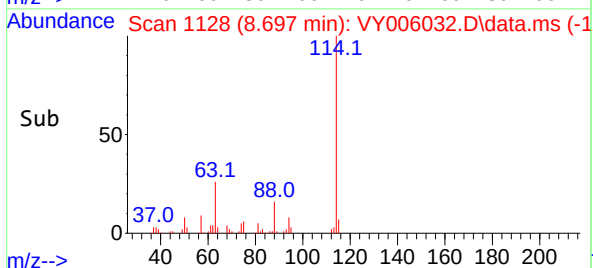
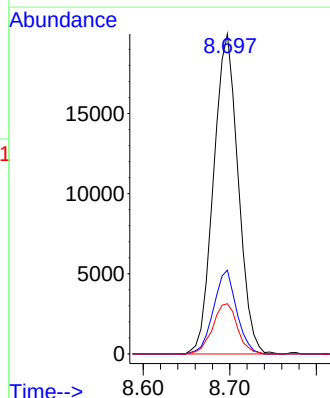
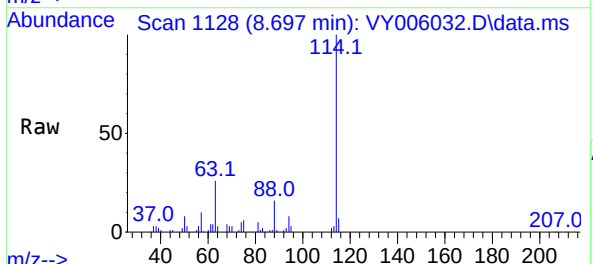
Instrument :
MSVOA_Y
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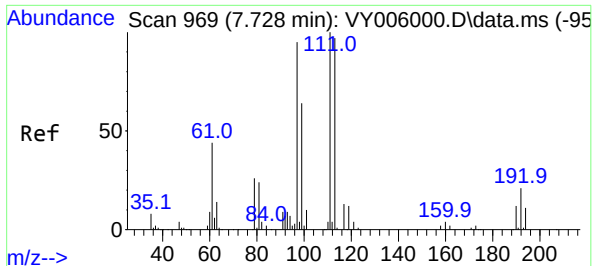
Tgt Ion: 65 Resp: 13916
Ion Ratio Lower Upper
65 100
67 50.3 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006032.D
Acq: 15 Sep 2021 18:23

Tgt Ion: 114 Resp: 39356
Ion Ratio Lower Upper
114 100
63 26.2 0.0 43.2
88 15.7 0.0 31.8

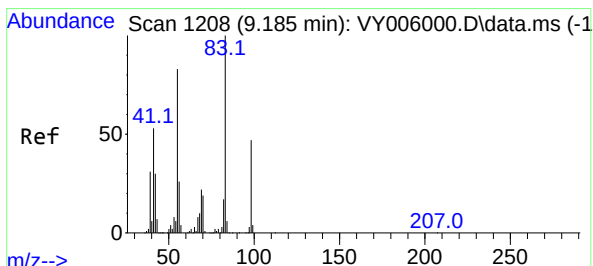
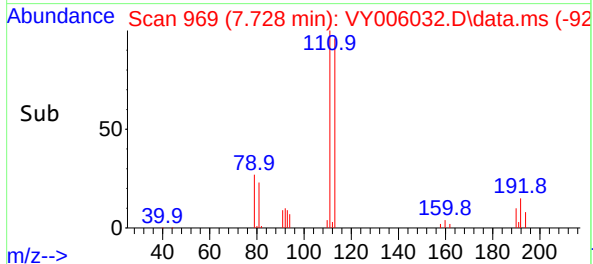
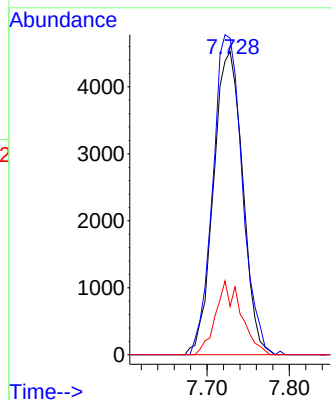
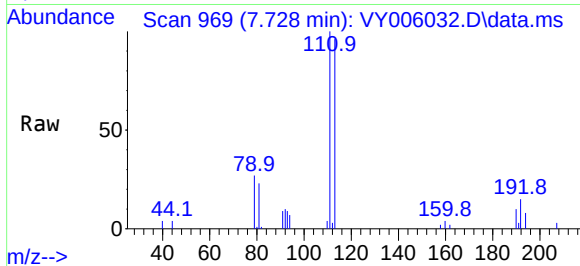




#35
Dibromofluoromethane
Concen: 45.736 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY006032.D
Acq: 15 Sep 2021 18:23

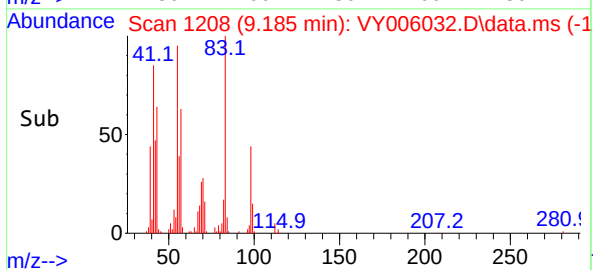
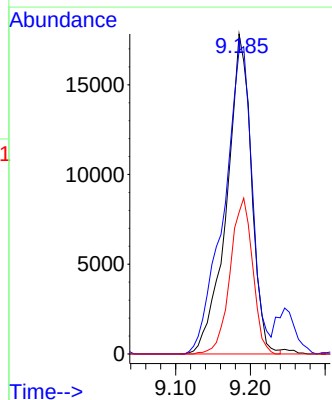
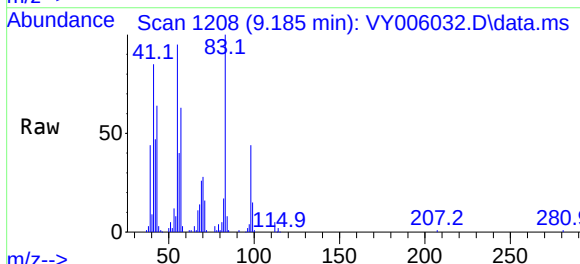
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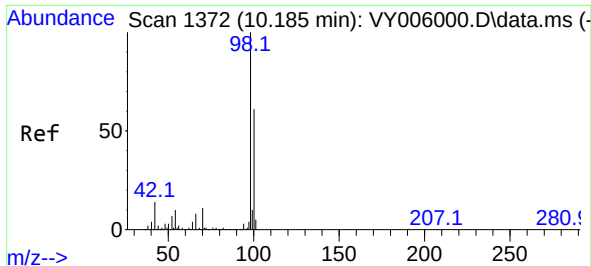
Tgt Ion:	113	Resp:	11180
Ion	Ratio	Lower	Upper
113	100		
111	106.2	82.6	124.0
192	21.4	17.6	26.4



#39
Methylcyclohexane
Concen: 78.080 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.000 min
Lab File: VY006032.D
Acq: 15 Sep 2021 18:23

Tgt Ion:	83	Resp:	41108
Ion	Ratio	Lower	Upper
83	100		
55	94.8	66.5	99.7
98	44.3	37.9	56.9

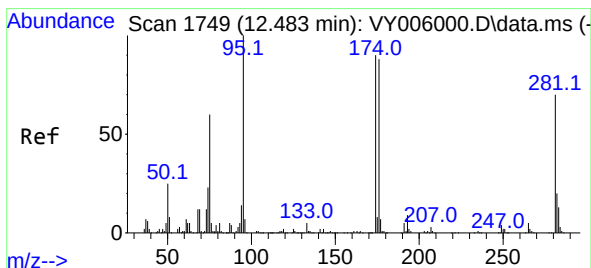
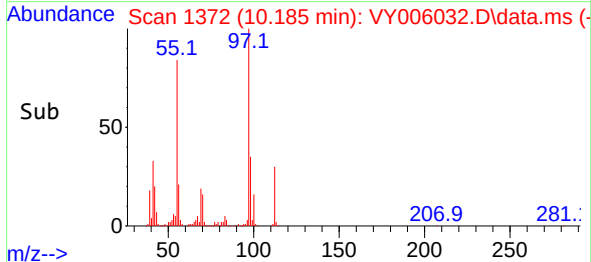
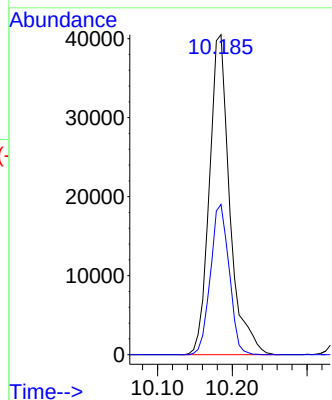
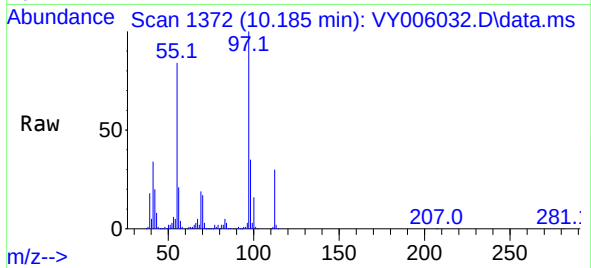




#50
Toluene-d8
Concen: 73.544 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006032.D
Acq: 15 Sep 2021 18:23

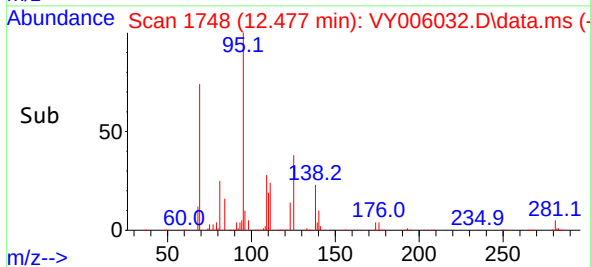
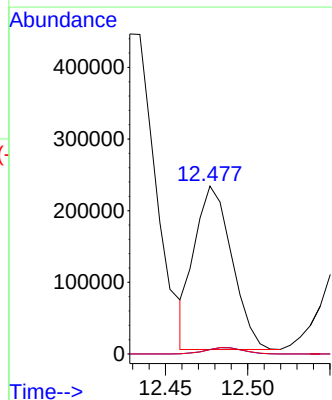
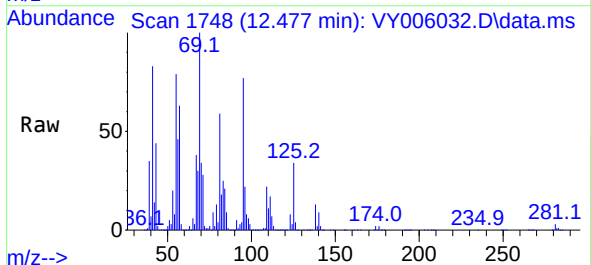
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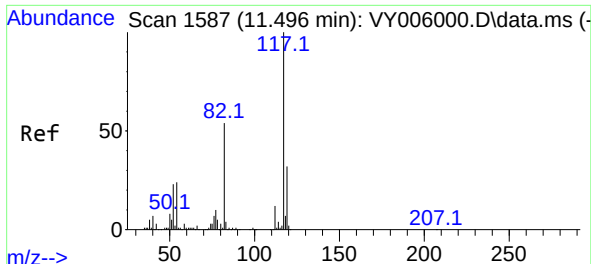
Tgt Ion: 98 Resp: 76621
Ion Ratio Lower Upper
98 100
100 43.0 50.2 75.2#



#62
4-Bromofluorobenzene
Concen: 1019.986 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY006032.D
Acq: 15 Sep 2021 18:23

Tgt Ion: 95 Resp: 360793
Ion Ratio Lower Upper
95 100
174 3.9 0.0 177.0
176 3.9 0.0 175.8

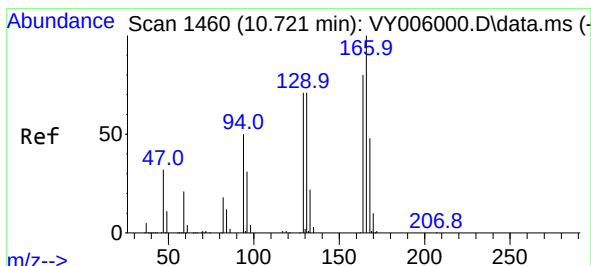
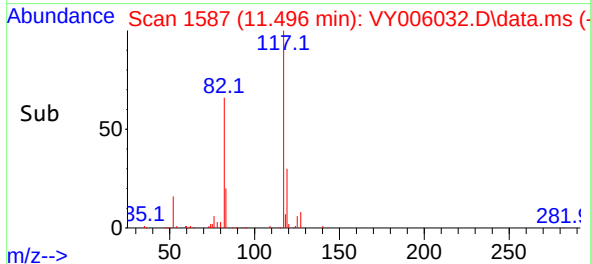
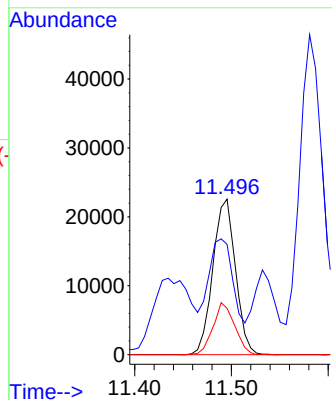
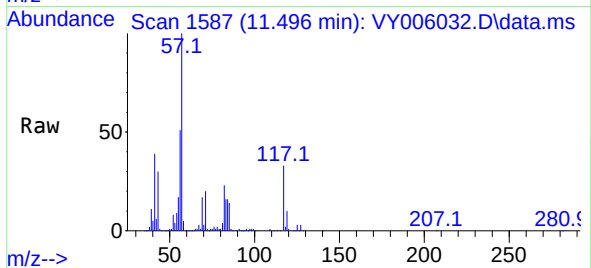




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006032.D
Acq: 15 Sep 2021 18:23

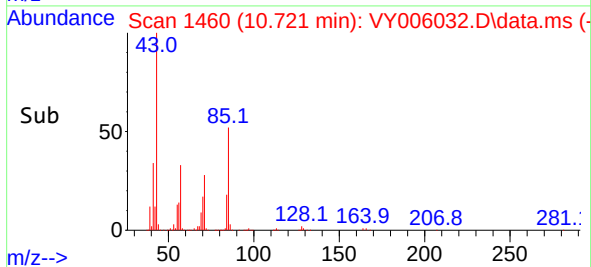
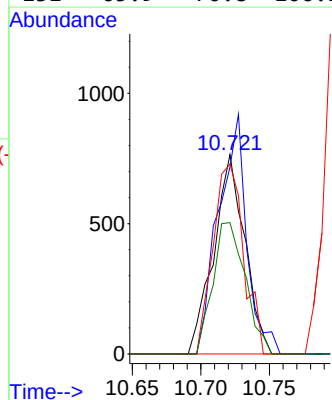
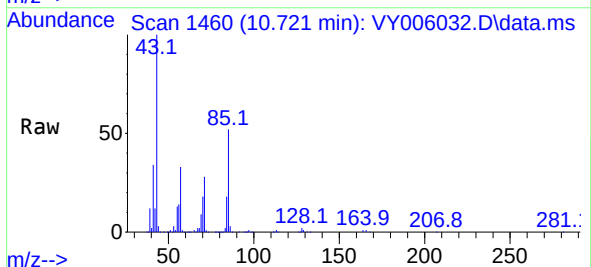
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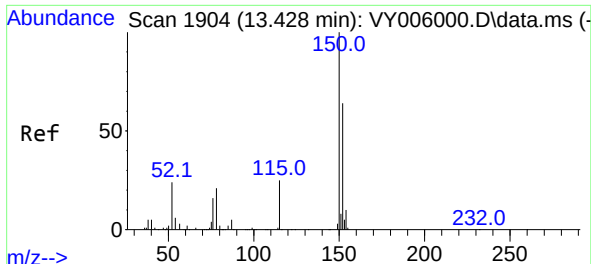
Tgt Ion:	117	Resp:	36739
Ion	Ratio	Lower	Upper
117	100		
82	50.0	43.0	64.4
119	29.8	25.4	38.0



#64
Tetrachloroethene
Concen: 4.030 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY006032.D
Acq: 15 Sep 2021 18:23

Tgt Ion:	164	Resp:	1211
Ion	Ratio	Lower	Upper
164	100		
166	93.7	100.4	150.6#
129	95.3	71.4	107.0
131	65.9	70.8	106.2#

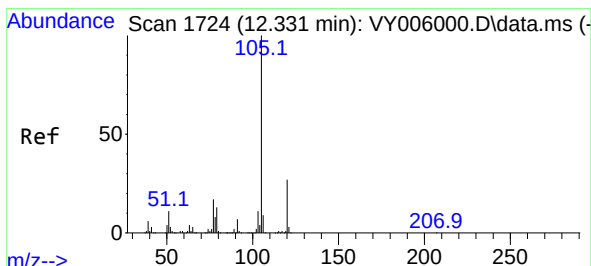
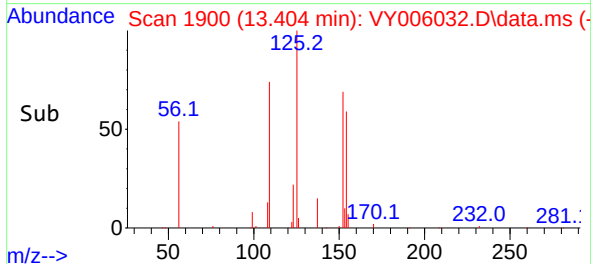
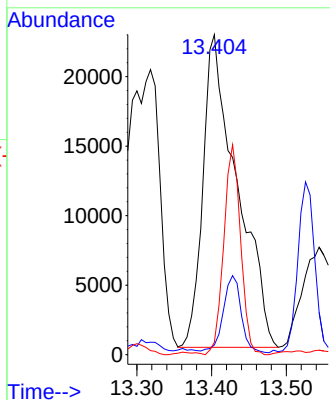
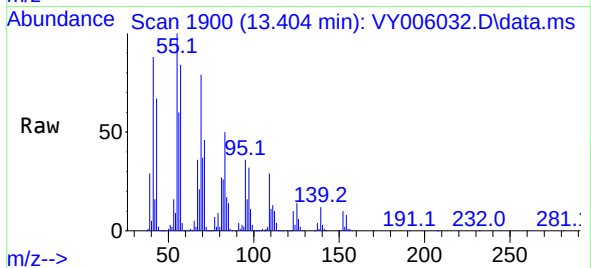




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.404 min Scan# 1900
Delta R.T. -0.024 min
Lab File: VY006032.D
Acq: 15 Sep 2021 18:23

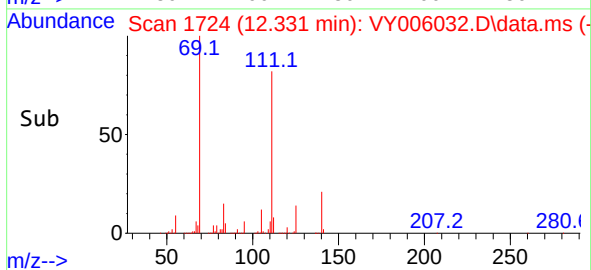
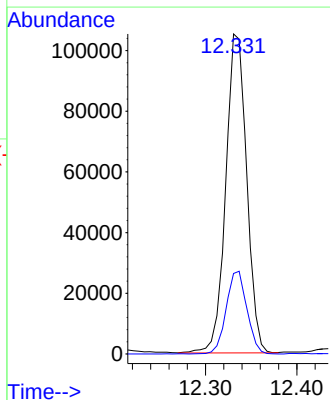
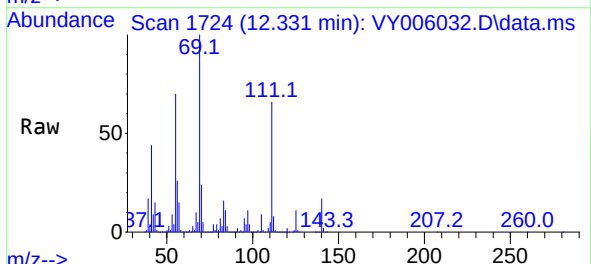
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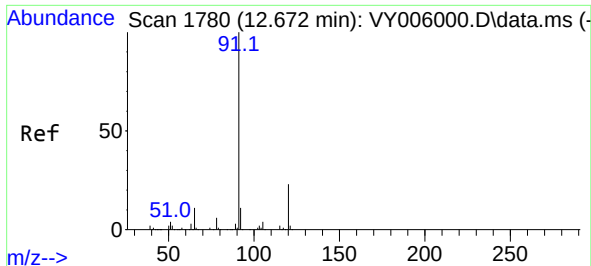
Tgt Ion:152 Resp: 71220
Ion Ratio Lower Upper
152 100
115 0.0 28.2 84.7#
150 0.0 0.0 347.6



#73
Isopropylbenzene
Concen: 30.055 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY006032.D
Acq: 15 Sep 2021 18:23

Tgt Ion:105 Resp: 167617
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.2

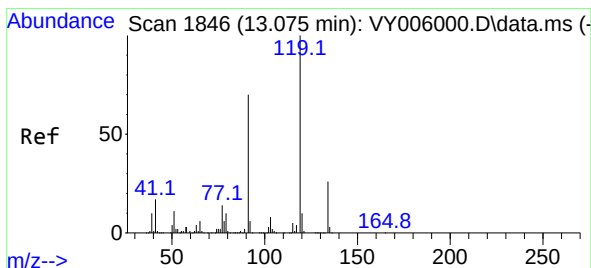
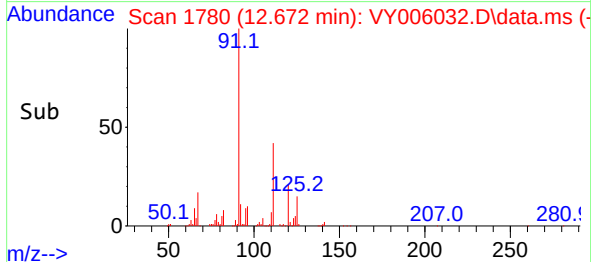
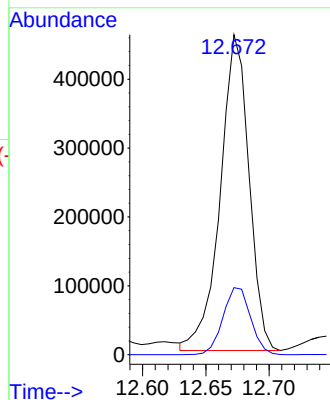
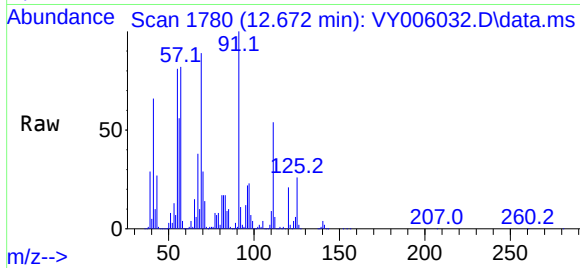




#78
n-propylbenzene
Concen: 105.061 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY006032.D
Acq: 15 Sep 2021 18:23

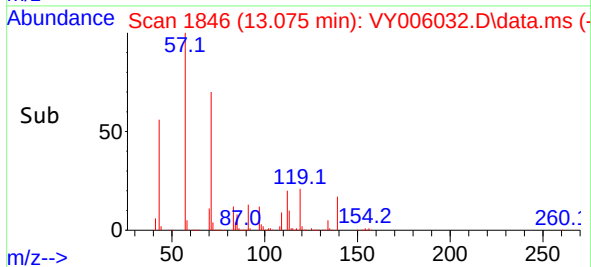
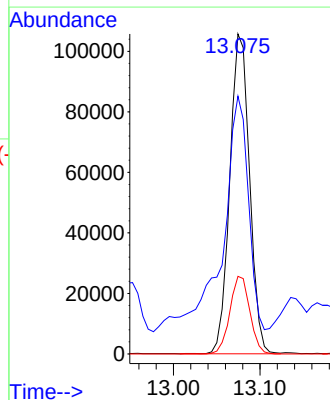
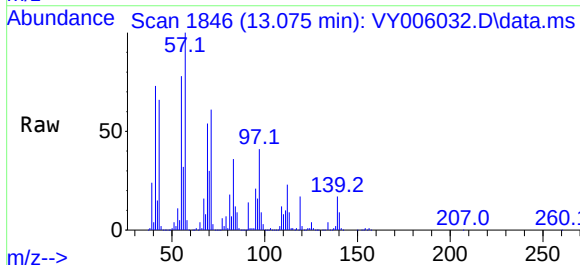
Instrument :
MSVOA_Y
ClientSampleId :
SUP-UST-02-(5-7)

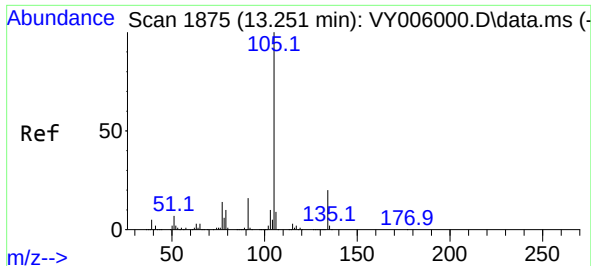
Tgt Ion: 91 Resp: 724952
Ion Ratio Lower Upper
91 100
120 20.5 11.3 33.9



#83
tert-Butylbenzene
Concen: 42.287 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY006032.D
Acq: 15 Sep 2021 18:23

Tgt Ion: 119 Resp: 167285
Ion Ratio Lower Upper
119 100
91 97.2 34.8 104.4
134 24.5 13.3 39.9

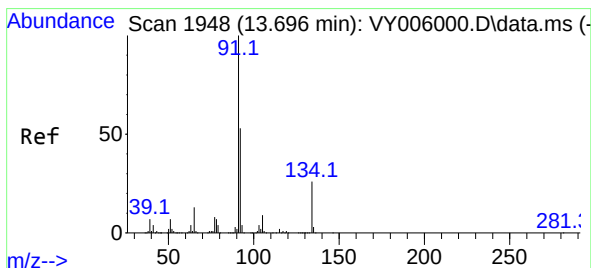
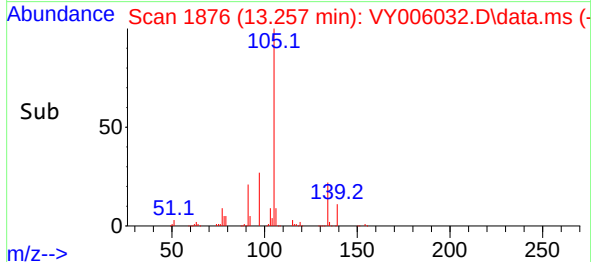
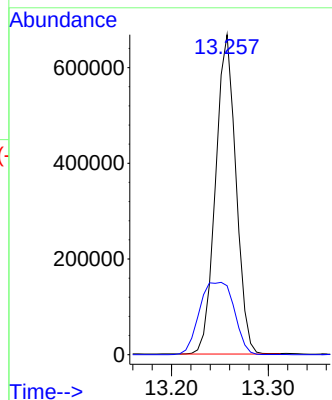
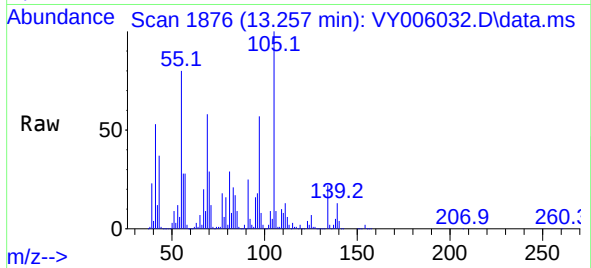




#85
sec-Butylbenzene
Concen: 164.648 ug/l
RT: 13.257 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VY006032.D
Acq: 15 Sep 2021 18:23

Instrument :
MSVOA_Y
ClientSampleId :
SUP-UST-02-(5-7)

Tgt Ion:105 Resp: 975037
Ion Ratio Lower Upper
105 100
134 38.8 10.2 30.4#



#89
n-Butylbenzene
Concen: 90.408 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY006032.D
Acq: 15 Sep 2021 18:23

Tgt Ion: 91 Resp: 427431
Ion Ratio Lower Upper
91 100
92 48.3 26.3 78.9
134 35.7 13.0 38.9

