

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092021\
 Data File : VY006093.D
 Acq On : 20 Sep 2021 13:59
 Operator : SY/MD
 Sample : M3770-03
 Misc : 7.48G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SUP-VST-01-(13-15)

Quant Time: Sep 21 02:10:55 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)

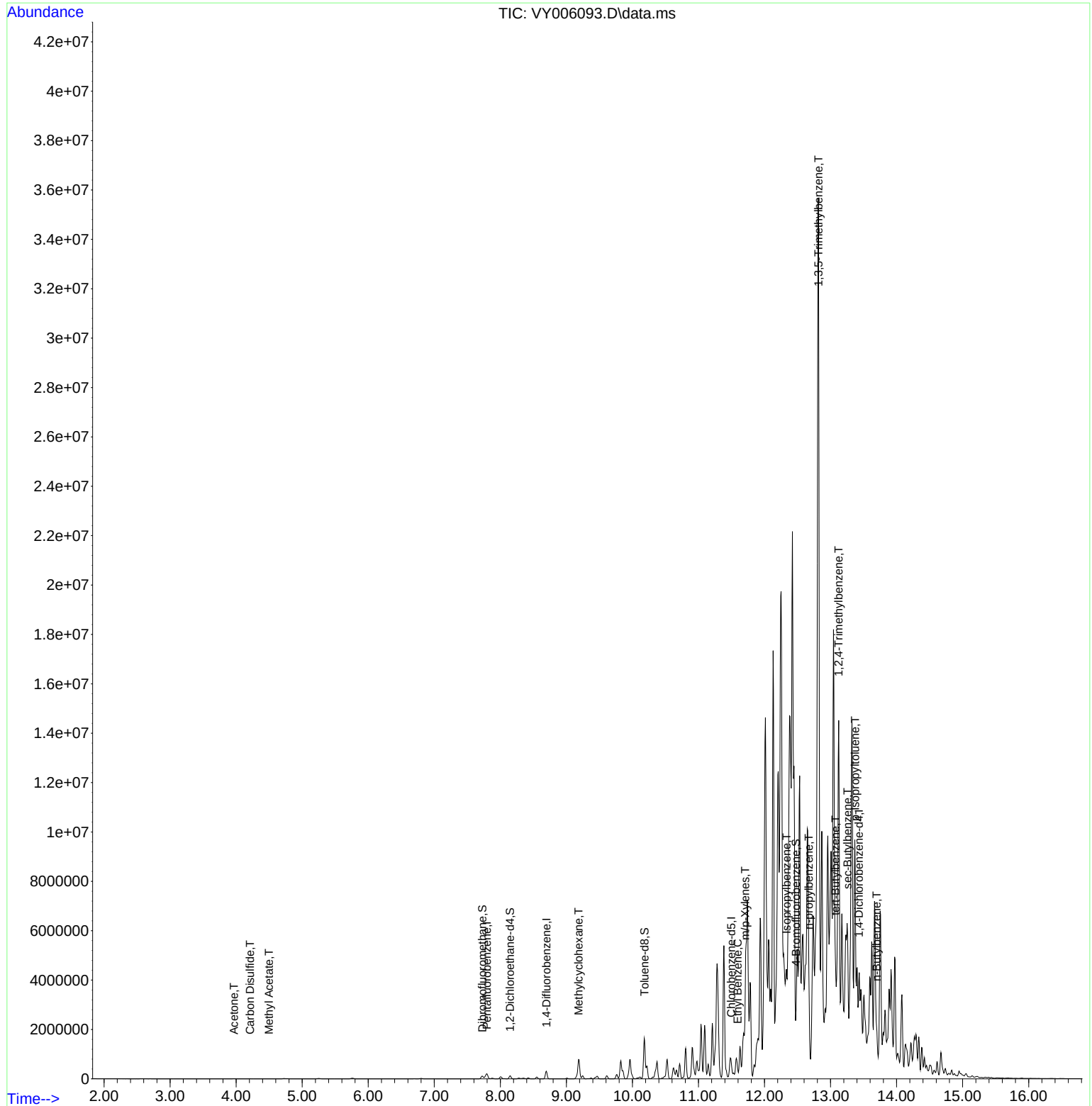
Internal Standards						
1) Pentafluorobenzene	7.795	168	134285	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	253084	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	270219	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	188125	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	99342	53.258	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.520%	
35) Dibromofluoromethane	7.728	113	76022	48.362	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.720%	
50) Toluene-d8	10.185	98	398137	59.426	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 118.860%	
62) 4-Bromofluorobenzene	12.477	95	411717	181.001	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 362.000%#	
Target Compounds						
						Qvalue
16) Acetone	3.966	43	11446	22.372	ug/l	98
17) Carbon Disulfide	4.210	76	10994	2.455	ug/l	95
18) Methyl Acetate	4.497	43	1836	1.425	ug/l	92
39) Methylcyclohexane	9.185	83	298844	88.268	ug/l	98
67) Ethyl Benzene	11.593	91	40713	3.704	ug/l	93
68) m/p-Xylenes	11.709	106	42545	10.209	ug/l #	63
73) Isopropylbenzene	12.337	105	357102	24.241	ug/l	99
78) n-propylbenzene	12.672	91	935142	51.306	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	5051448	413.457	ug/l	98
83) tert-Butylbenzene	13.075	119	504589	48.288	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	5220735	430.709	ug/l	97
85) sec-Butylbenzene	13.258	105	1551531	99.186	ug/l #	63
86) p-Isopropyltoluene	13.373	119	1593494	119.322	ug/l	99
89) n-Butylbenzene	13.696	91	516418	41.352	ug/l #	65

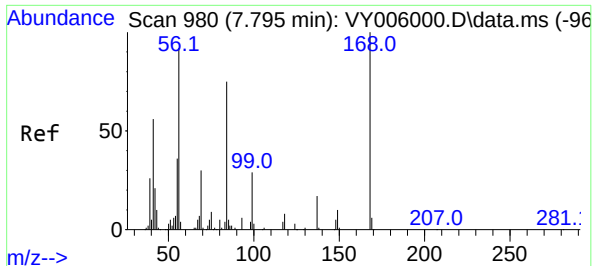
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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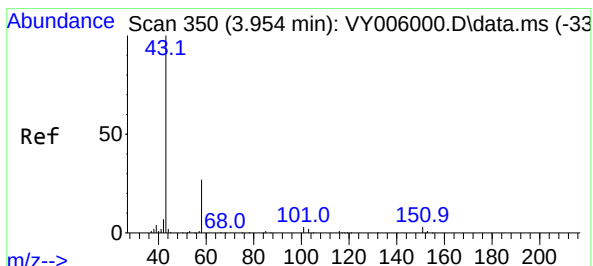
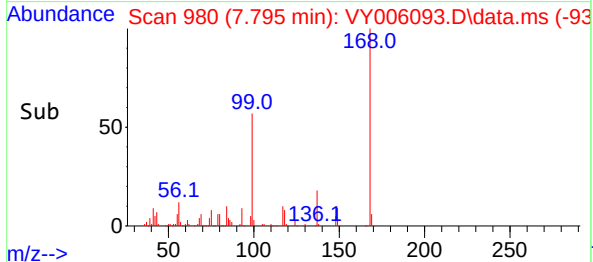
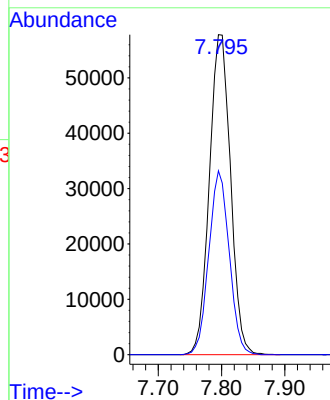
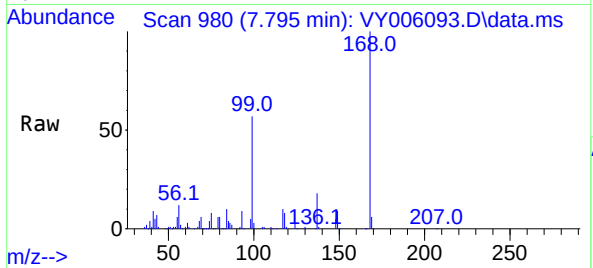




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006093.D
Acq: 20 Sep 2021 13:59

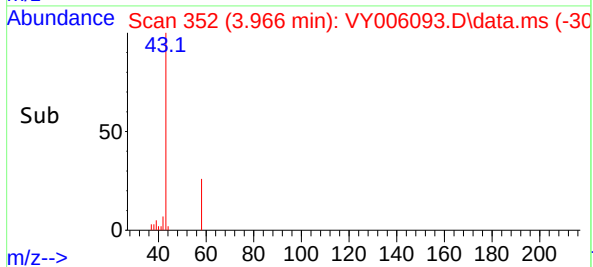
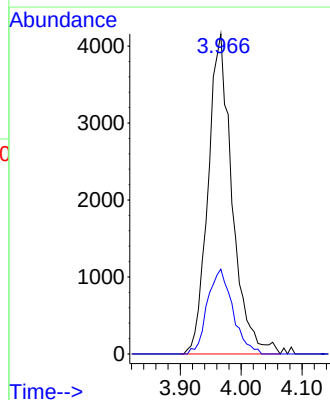
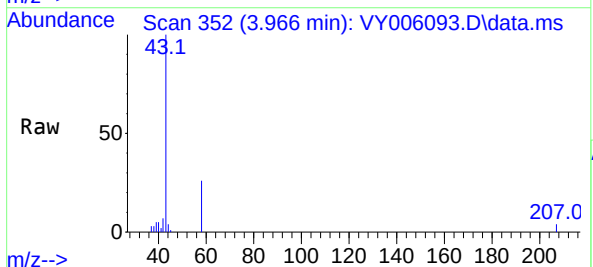
Instrument :
MSVOA_Y
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SUP-VST-01-(13-15)

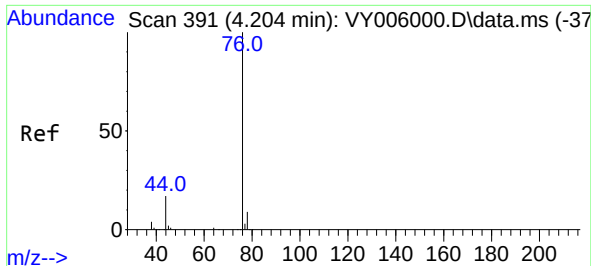
Tgt Ion:168 Resp: 134285
Ion Ratio Lower Upper
168 100
99 57.5 46.9 70.3



#16
Acetone
Concen: 22.372 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY006093.D
Acq: 20 Sep 2021 13:59

Tgt Ion: 43 Resp: 11446
Ion Ratio Lower Upper
43 100
58 26.5 22.0 33.0

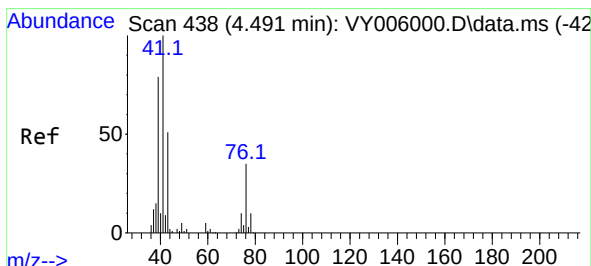
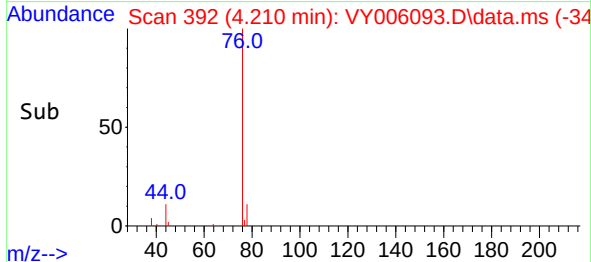
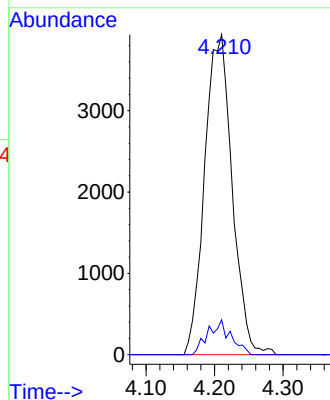
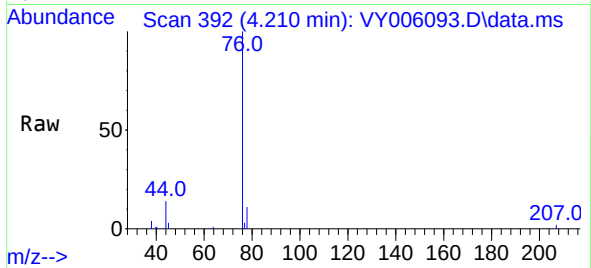




#17
Carbon Disulfide
Concen: 2.455 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY006093.D
Acq: 20 Sep 2021 13:59

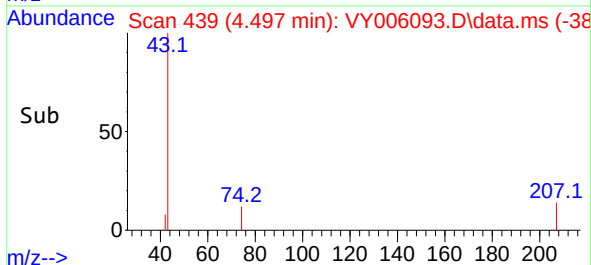
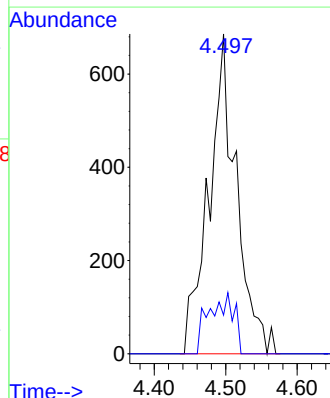
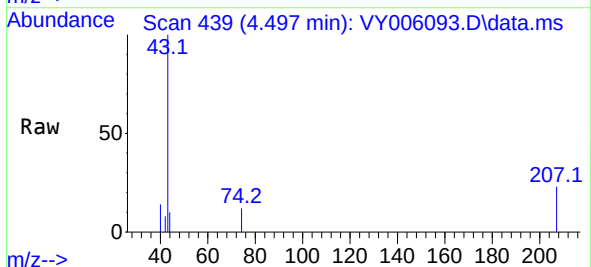
Instrument :
MSVOA_Y
ClientSampleId :
SUP-VST-01-(13-15)

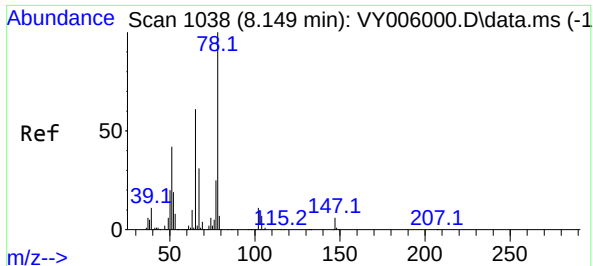
Tgt Ion: 76 Resp: 10994
Ion Ratio Lower Upper
76 100
78 10.9 7.4 11.0



#18
Methyl Acetate
Concen: 1.425 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY006093.D
Acq: 20 Sep 2021 13:59

Tgt Ion: 43 Resp: 1836
Ion Ratio Lower Upper
43 100
74 17.0 16.6 24.8

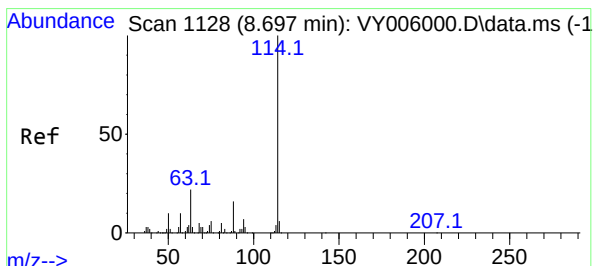
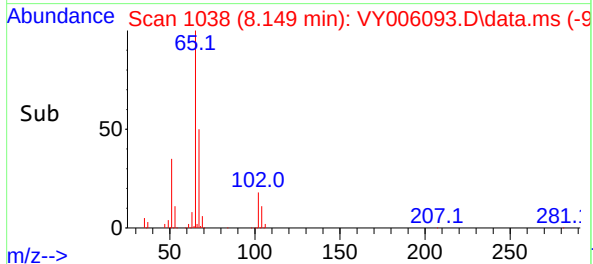
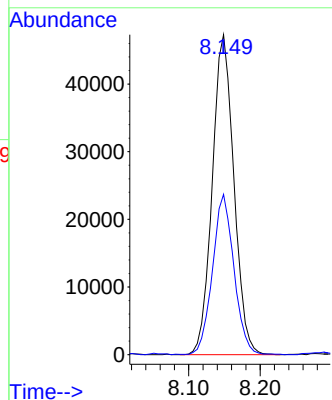
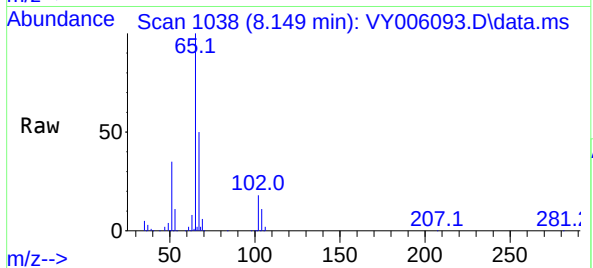




#33
1,2-Dichloroethane-d4
Concen: 53.258 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006093.D
Acq: 20 Sep 2021 13:59

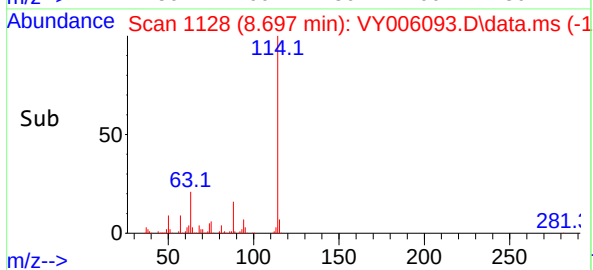
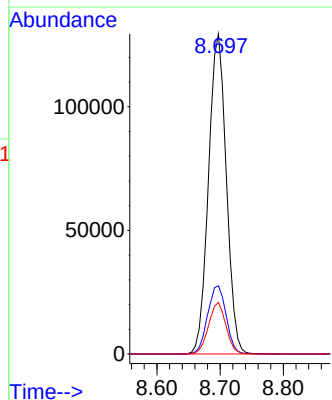
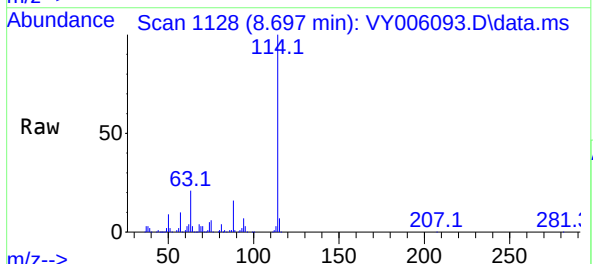
Instrument :
MSVOA_Y
ClientSampleId :
SUP-VST-01-(13-15)

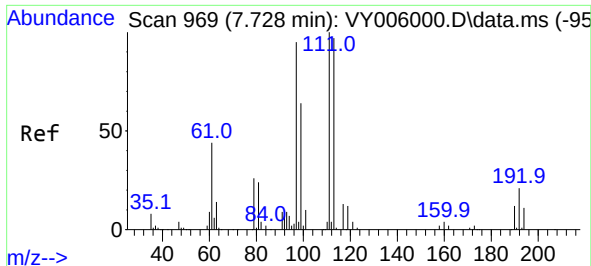
Tgt Ion: 65 Resp: 99342
Ion Ratio Lower Upper
65 100
67 49.8 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006093.D
Acq: 20 Sep 2021 13:59

Tgt Ion:114 Resp: 253084
Ion Ratio Lower Upper
114 100
63 21.3 0.0 43.2
88 16.1 0.0 31.8

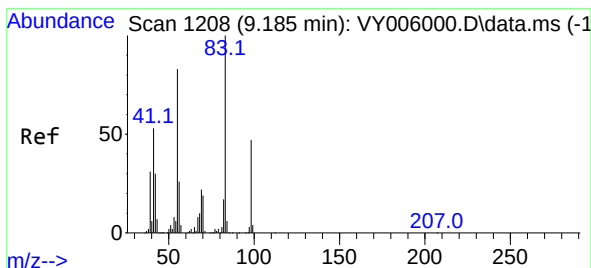
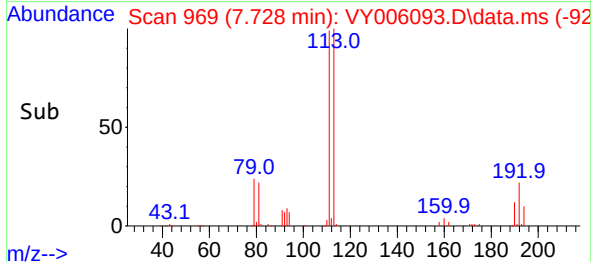
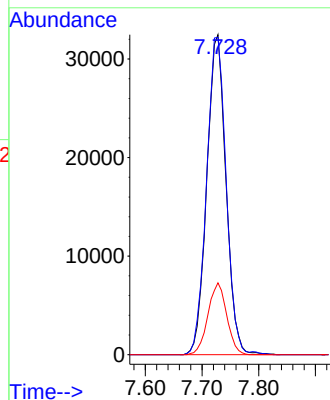
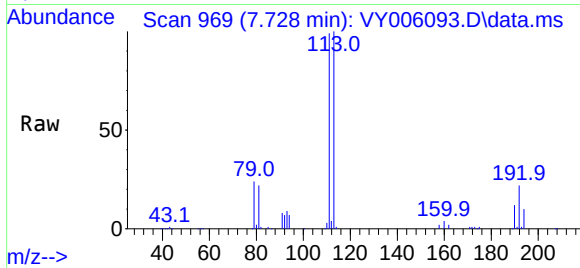




#35
Dibromofluoromethane
Concen: 48.362 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY006093.D
Acq: 20 Sep 2021 13:59

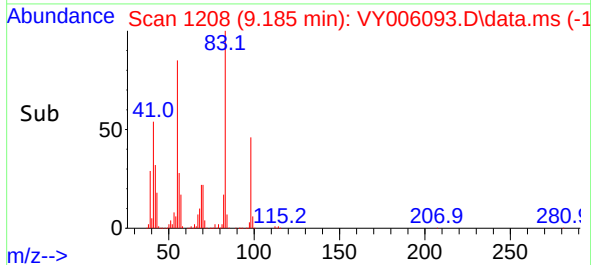
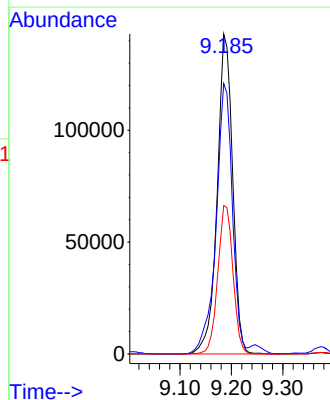
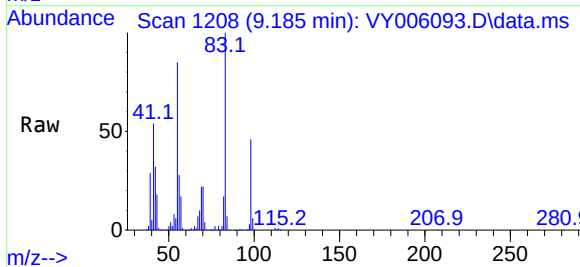
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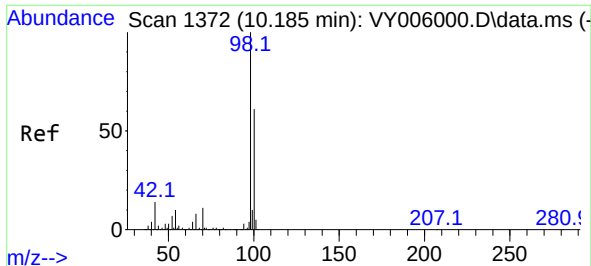
Tgt Ion:	113	Resp:	76022
Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.6	124.0
192	22.1	17.6	26.4



#39
Methylcyclohexane
Concen: 88.268 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. 0.000 min
Lab File: VY006093.D
Acq: 20 Sep 2021 13:59

Tgt Ion:	83	Resp:	298844
Ion	Ratio	Lower	Upper
83	100		
55	84.5	66.5	99.7
98	46.3	37.9	56.9

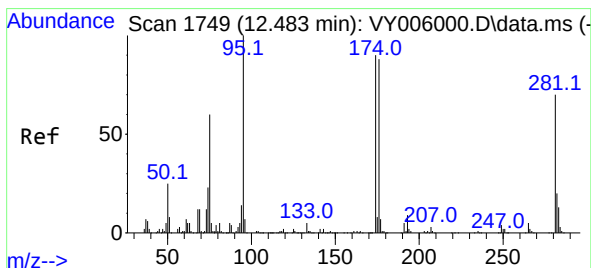
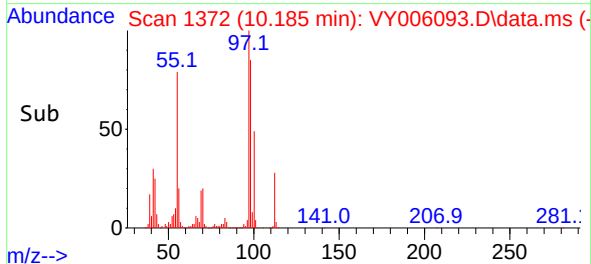
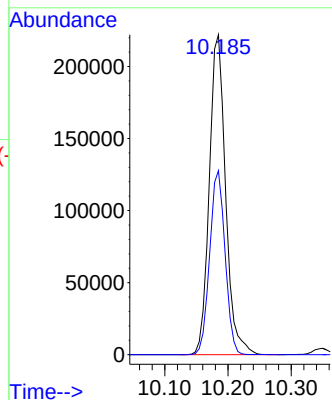
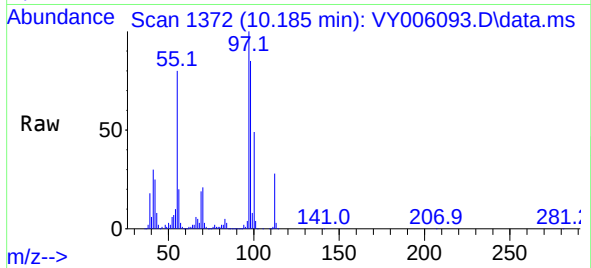




#50
Toluene-d8
Concen: 59.426 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006093.D
Acq: 20 Sep 2021 13:59

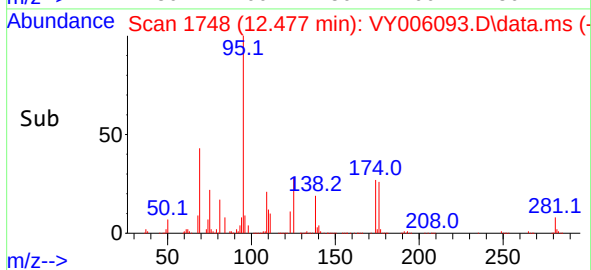
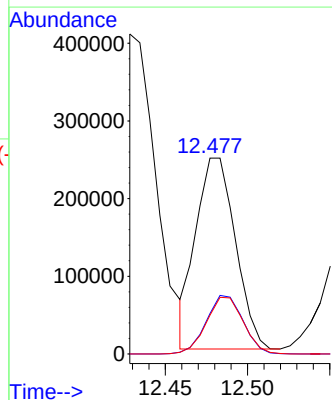
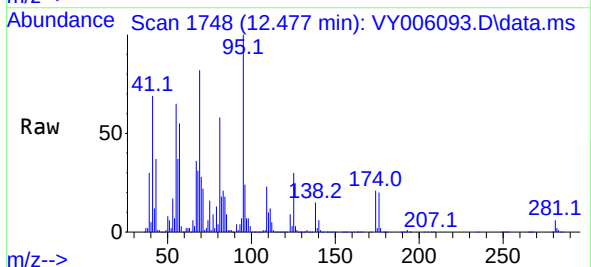
Instrument :
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SUP-VST-01-(13-15)

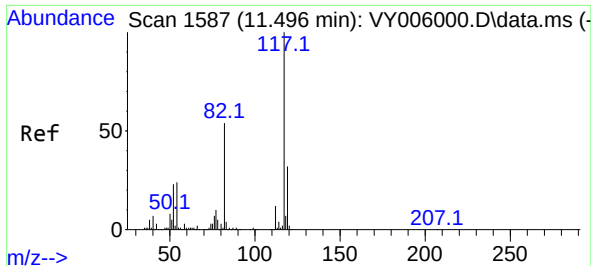
Tgt Ion: 98 Resp: 398137
Ion Ratio Lower Upper
98 100
100 54.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 181.001 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY006093.D
Acq: 20 Sep 2021 13:59

Tgt Ion: 95 Resp: 411717
Ion Ratio Lower Upper
95 100
174 28.6 0.0 177.0
176 28.0 0.0 175.8

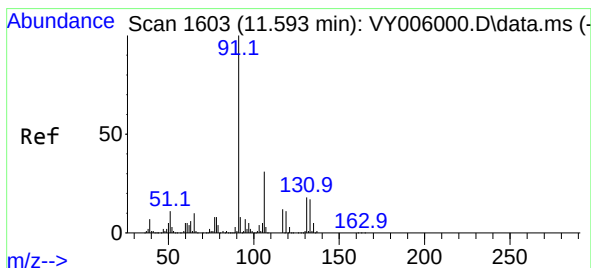
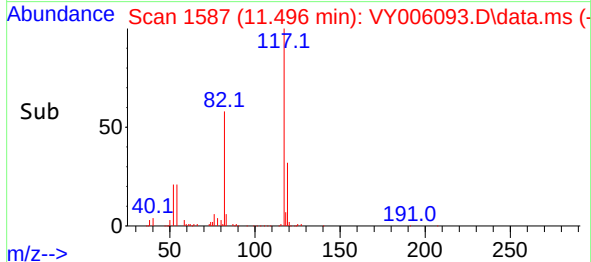
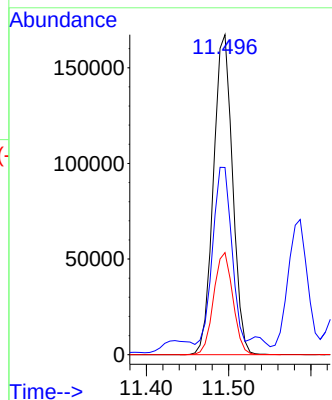
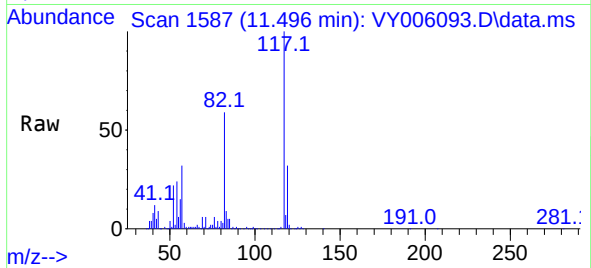




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006093.D
Acq: 20 Sep 2021 13:59

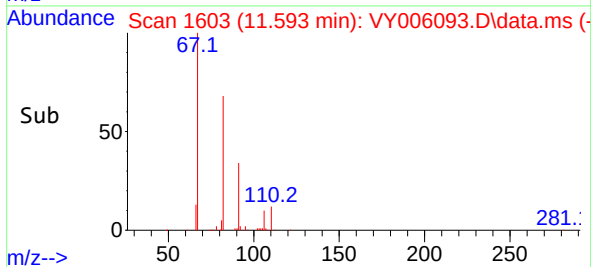
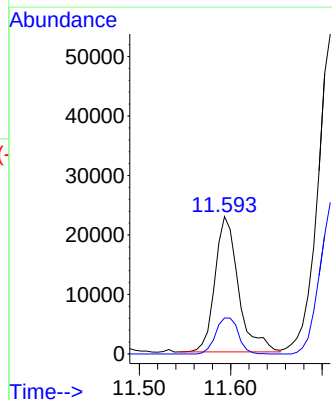
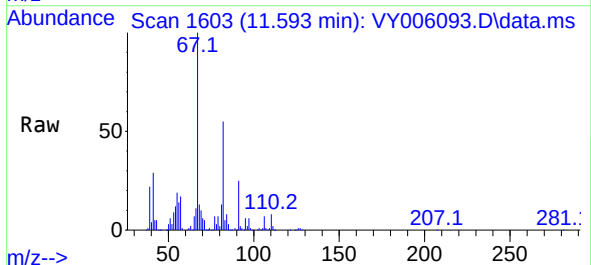
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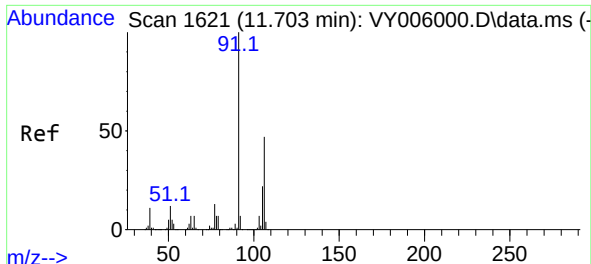
Tgt Ion:	117	Resp:	270219
Ion	Ratio	Lower	Upper
117	100		
82	54.4	43.0	64.4
119	31.9	25.4	38.0



#67
Ethyl Benzene
Concen: 3.704 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY006093.D
Acq: 20 Sep 2021 13:59

Tgt Ion:	91	Resp:	40713
Ion	Ratio	Lower	Upper
91	100		
106	26.6	24.5	36.7

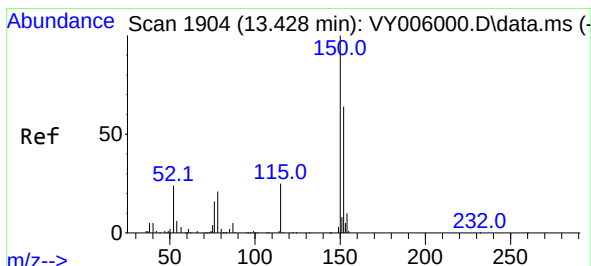
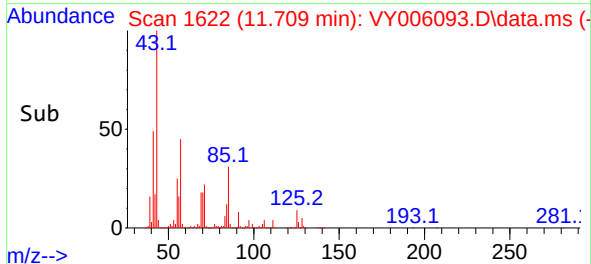
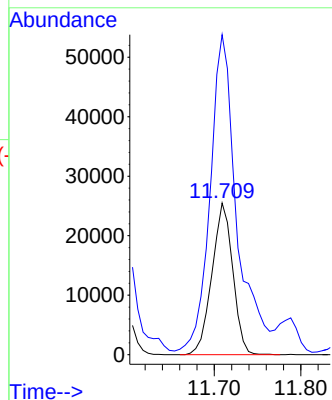
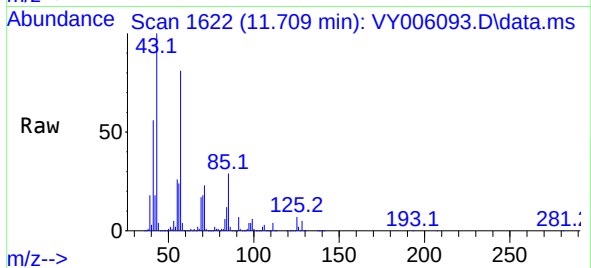




#68
m/p-Xylenes
Concen: 10.209 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY006093.D
Acq: 20 Sep 2021 13:59

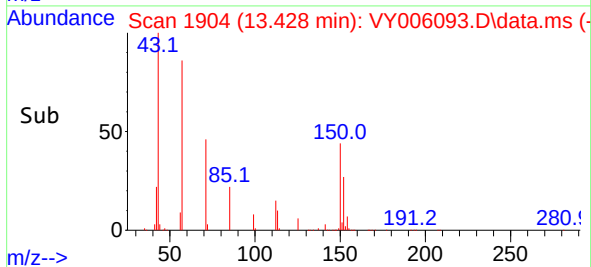
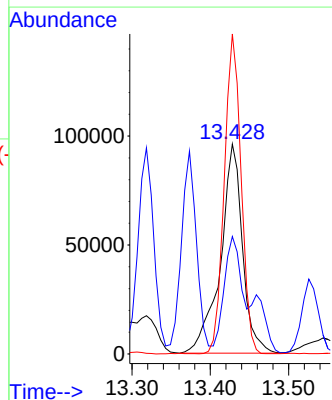
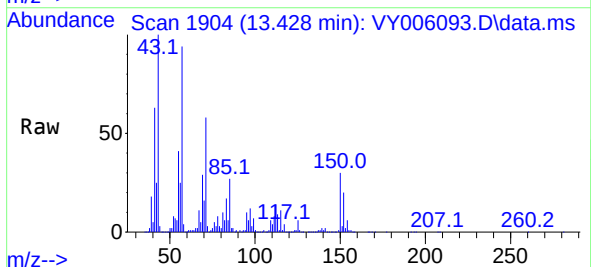
Instrument :
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SUP-VST-01-(13-15)

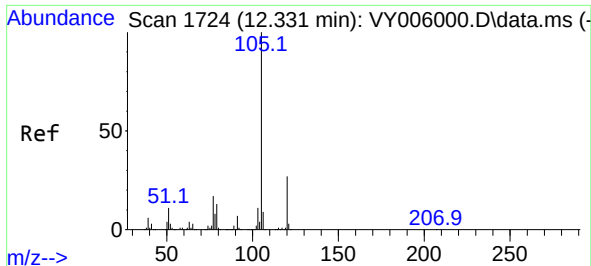
Tgt Ion:106 Resp: 42545
Ion Ratio Lower Upper
106 100
91 266.2 166.6 249.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006093.D
Acq: 20 Sep 2021 13:59

Tgt Ion:152 Resp: 188125
Ion Ratio Lower Upper
152 100
115 40.2 28.2 84.7
150 116.5 0.0 347.6

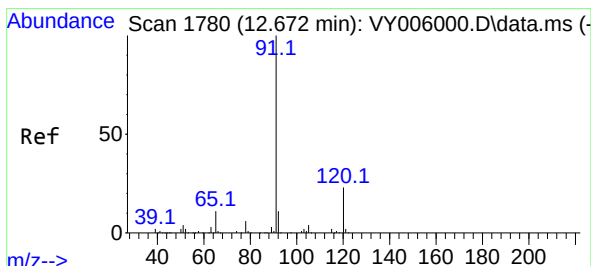
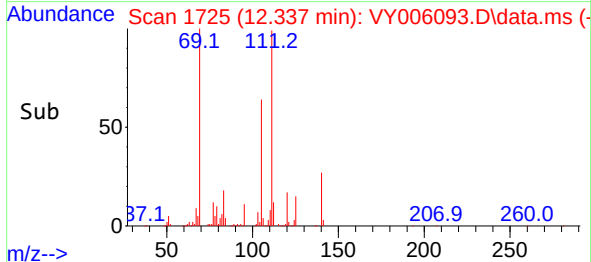
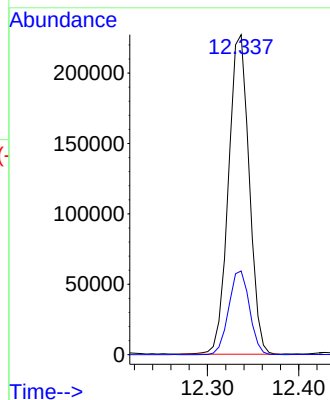
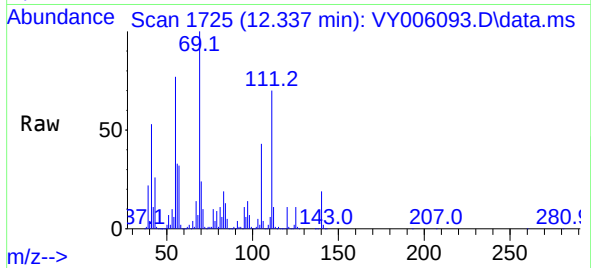




#73
Isopropylbenzene
Concen: 24.241 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.006 min
Lab File: VY006093.D
Acq: 20 Sep 2021 13:59

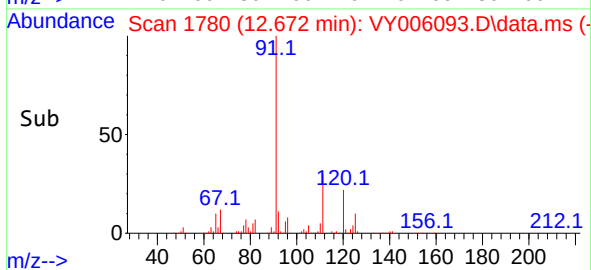
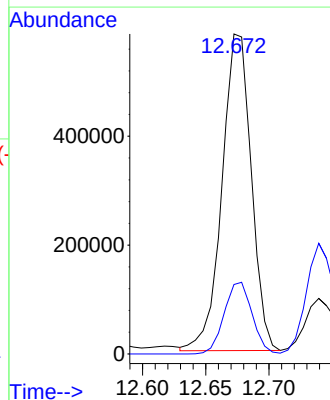
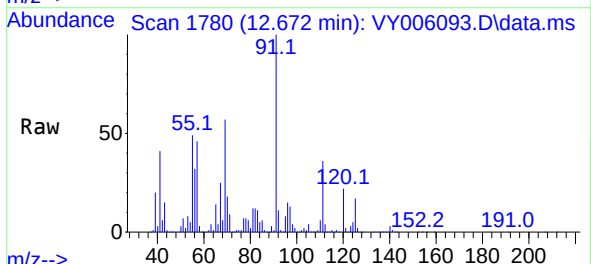
Instrument :
MSVOA_Y
ClientSampleId :
SUP-VST-01-(13-15)

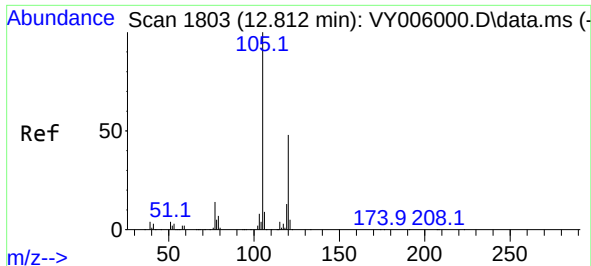
Tgt Ion:105 Resp: 357102
Ion Ratio Lower Upper
105 100
120 26.3 13.4 40.2



#78
n-propylbenzene
Concen: 51.306 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY006093.D
Acq: 20 Sep 2021 13:59

Tgt Ion: 91 Resp: 935142
Ion Ratio Lower Upper
91 100
120 21.7 11.3 33.9

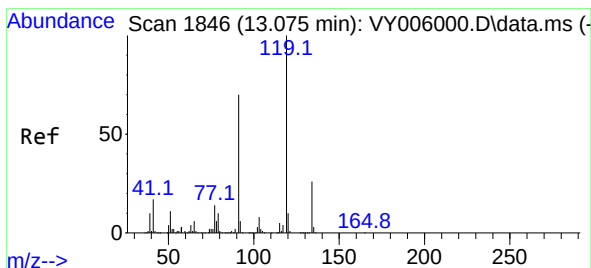
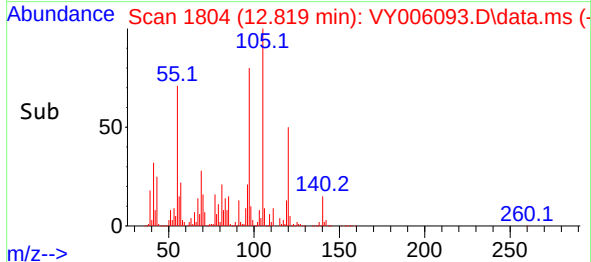
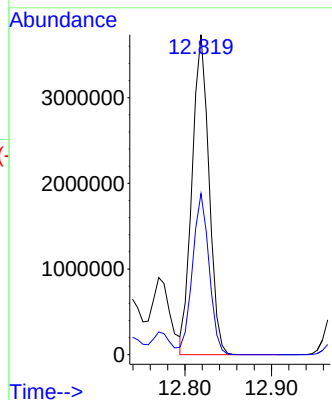
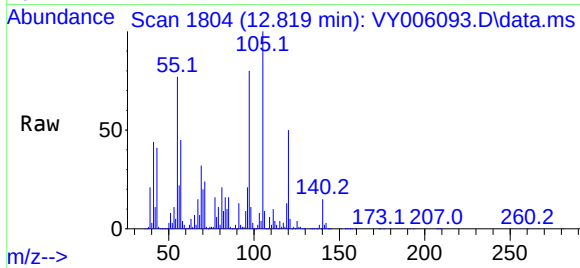




#80
1,3,5-Trimethylbenzene
Concen: 413.457 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY006093.D
Acq: 20 Sep 2021 13:59

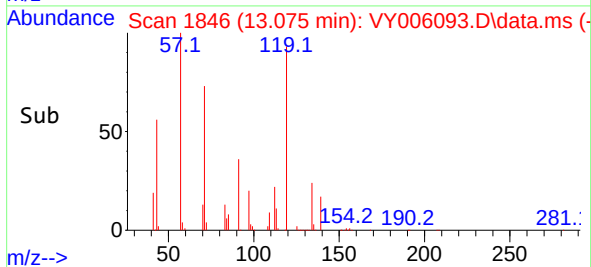
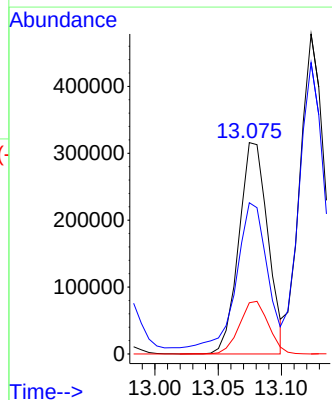
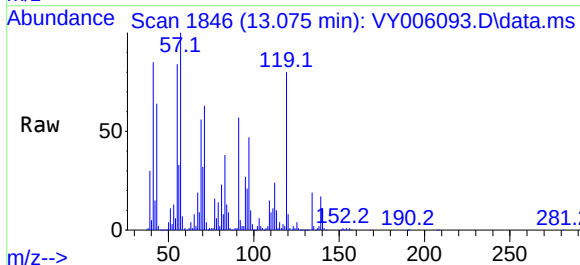
Instrument :
MSVOA_Y
ClientSampleId :
SUP-VST-01-(13-15)

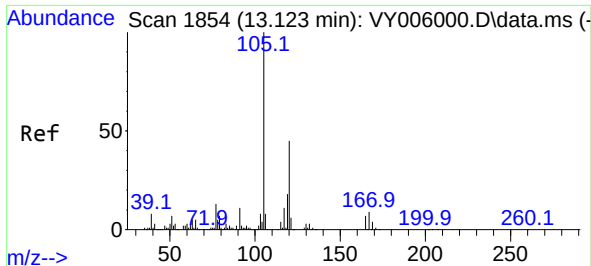
Tgt Ion:105 Resp: 5051448
Ion Ratio Lower Upper
105 100
120 50.0 24.4 73.4



#83
tert-Butylbenzene
Concen: 48.288 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY006093.D
Acq: 20 Sep 2021 13:59

Tgt Ion:119 Resp: 504589
Ion Ratio Lower Upper
119 100
91 70.8 34.8 104.4
134 24.8 13.3 39.9

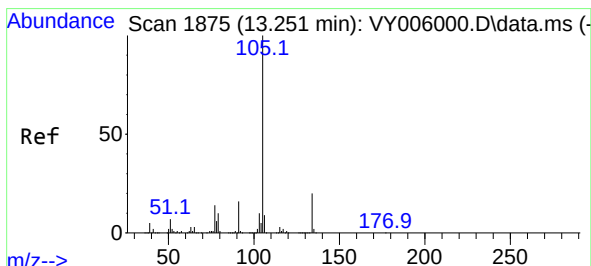
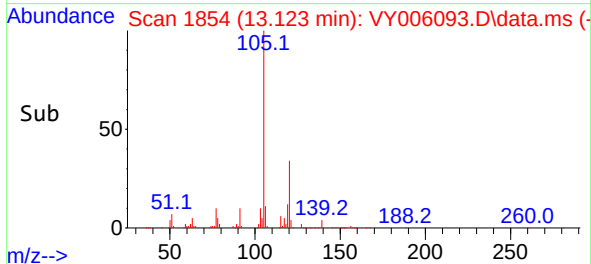
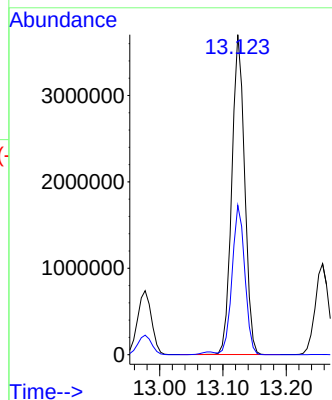
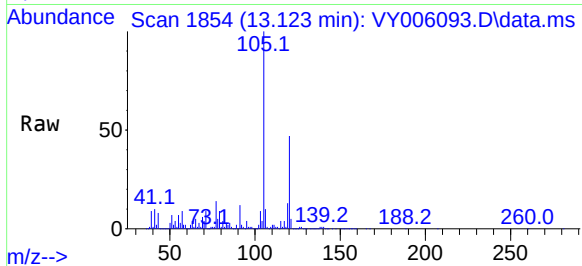




#84
1,2,4-Trimethylbenzene
Concen: 430.709 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY006093.D
Acq: 20 Sep 2021 13:59

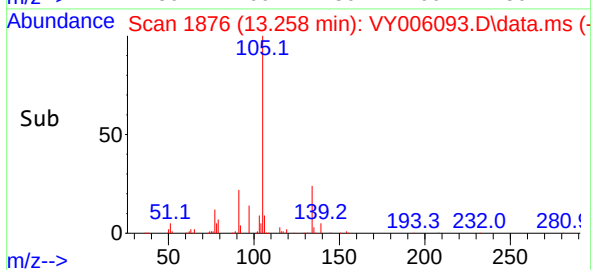
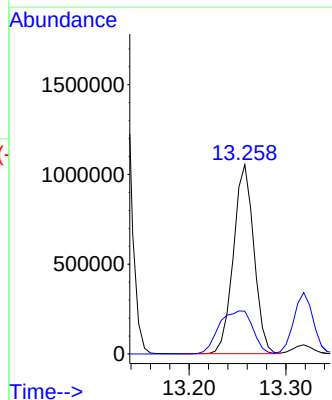
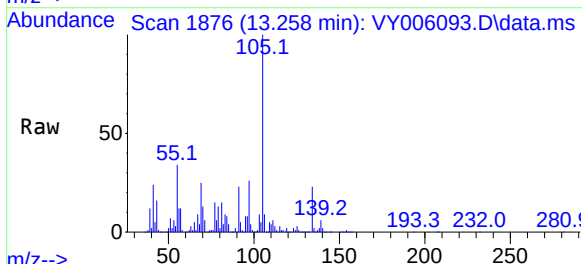
Instrument :
MSVOA_Y
ClientSampleId :
SUP-VST-01-(13-15)

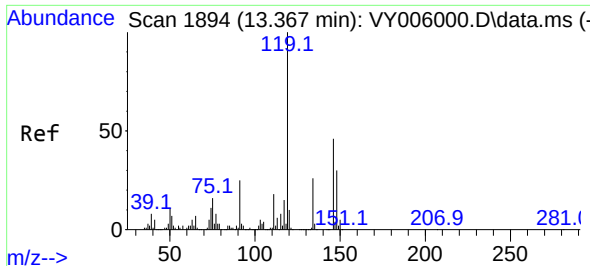
Tgt Ion:105 Resp: 5220735
Ion Ratio Lower Upper
105 100
120 46.3 22.3 66.9



#85
sec-Butylbenzene
Concen: 99.186 ug/l
RT: 13.258 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VY006093.D
Acq: 20 Sep 2021 13:59

Tgt Ion:105 Resp: 1551531
Ion Ratio Lower Upper
105 100
134 37.6 10.2 30.4#

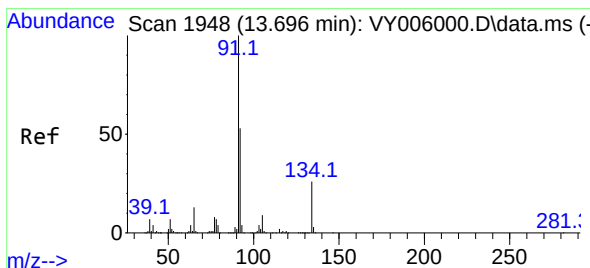
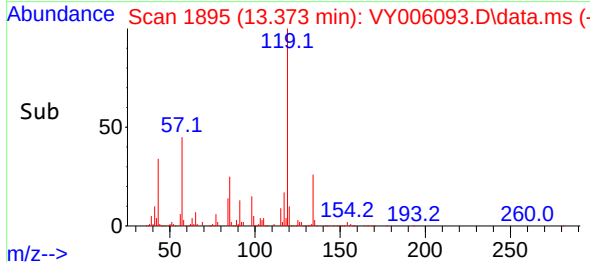
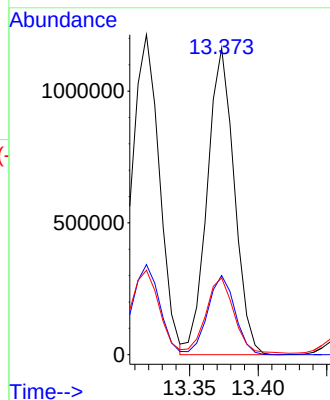
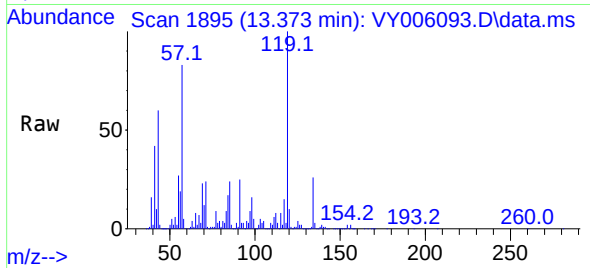




#86
p-Isopropyltoluene
Concen: 119.322 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY006093.D
Acq: 20 Sep 2021 13:59

Instrument :
MSVOA_Y
ClientSampleId :
SUP-VST-01-(13-15)

Tgt Ion:119 Resp: 1593494
Ion Ratio Lower Upper
119 100
134 25.8 13.2 39.5
91 25.2 12.4 37.2



#89
n-Butylbenzene
Concen: 41.352 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY006093.D
Acq: 20 Sep 2021 13:59

Tgt Ion: 91 Resp: 516418
Ion Ratio Lower Upper
91 100
92 71.9 26.3 78.9
134 0.0 13.0 38.9#

