

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy062921\
 Data File : VY005282.D
 Acq On : 29 Jun 2021 17:51
 Operator : SY/MD
 Sample : M2886-03
 Misc : 6.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 26878

Quant Time: Jun 30 04:01:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

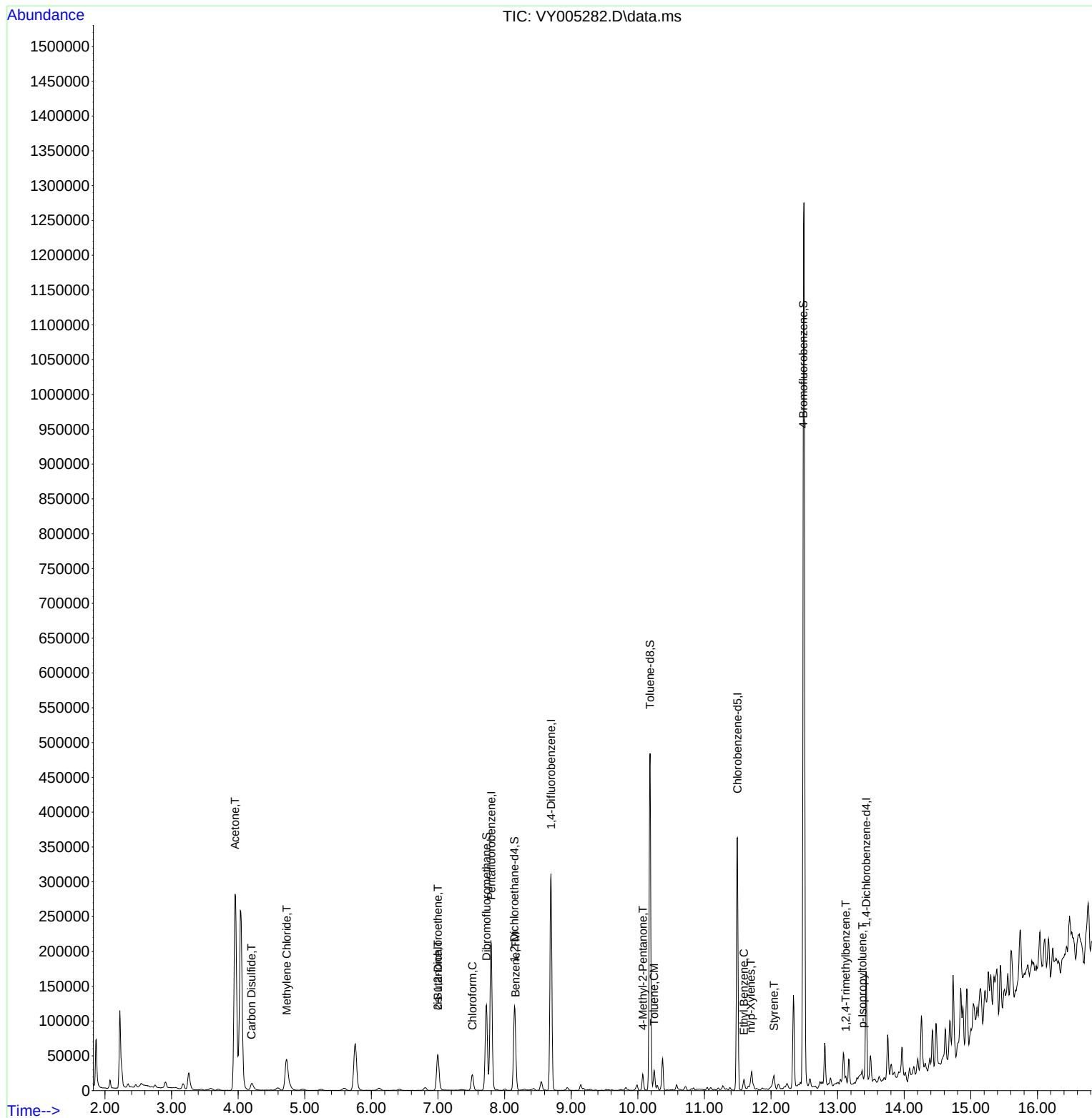
Internal Standards						
1) Pentafluorobenzene	7.801	168	188076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	284345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	214224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	43082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	87745	56.219	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.440%	
35) Dibromofluoromethane	7.728	113	86954	51.853	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.700%	
50) Toluene-d8	10.185	98	321367	47.921	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.840%	
62) 4-Bromofluorobenzene	12.483	95	71566	32.025	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 64.040%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	494968	1372.789	ug/l	100
17) Carbon Disulfide	4.198	76	15255	3.115	ug/l	97
20) Methylene Chloride	4.729	84	35773	12.103	ug/l	98
25) 2-Butanone	6.996	43	74631	141.953	ug/l	94
27) cis-1,2-Dichloroethene	6.996	96	4878	2.501	ug/l	87
30) Chloroform	7.515	83	21780	7.416	ug/l	99
40) Benzene	8.167	78	19359	2.622	ug/l	98
51) 4-Methyl-2-Pentanone	10.075	43	13346	10.744	ug/l	97
52) Toluene	10.246	92	11691	2.477	ug/l	98
67) Ethyl Benzene	11.593	91	8049	1.099	ug/l	99
68) m/p-Xylenes	11.697	106	4158	1.417	ug/l	93
70) Styrene	12.044	104	7870	1.685	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	5664	2.478	ug/l	95
86) p-Isopropyltoluene	13.373	119	7537	2.914	ug/l #	82

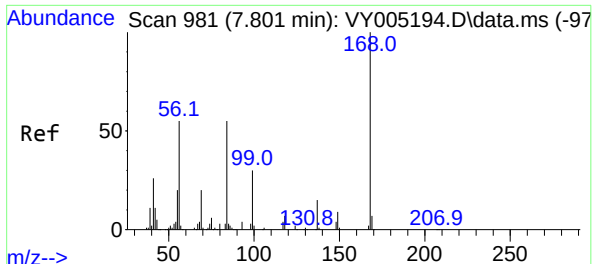
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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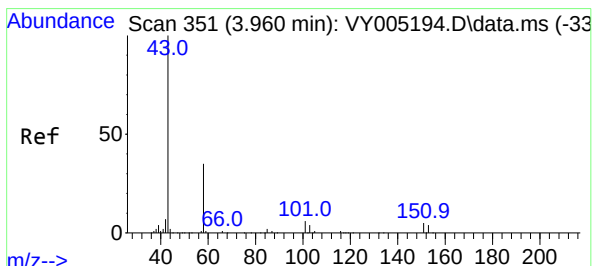
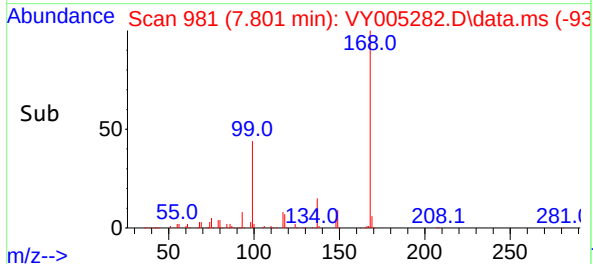
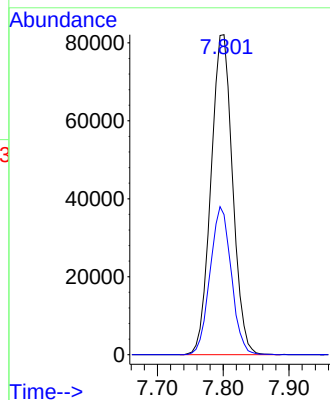
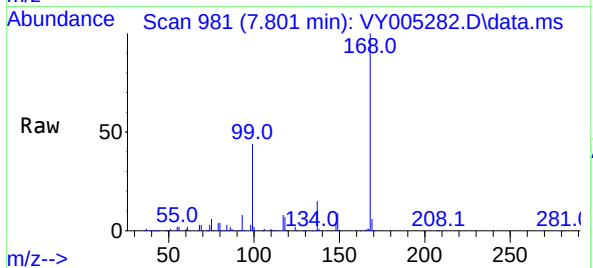




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005282.D
Acq: 29 Jun 2021 17:51

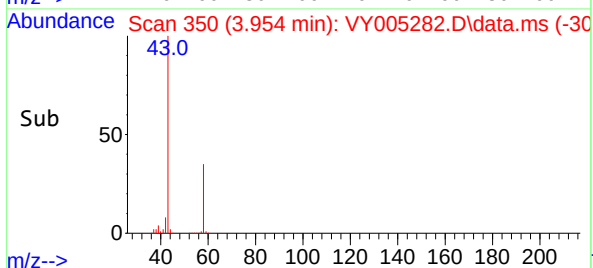
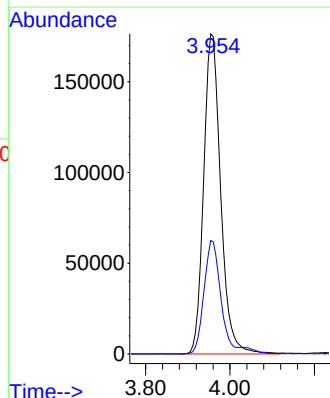
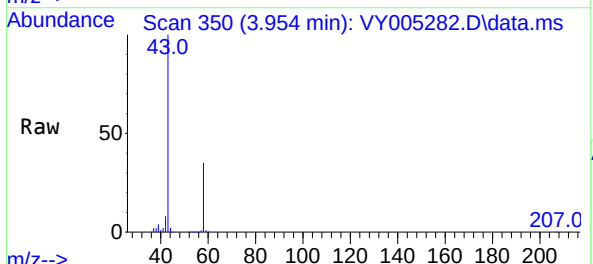
Instrument :
MSVOA_Y
ClientSampleId :
26878

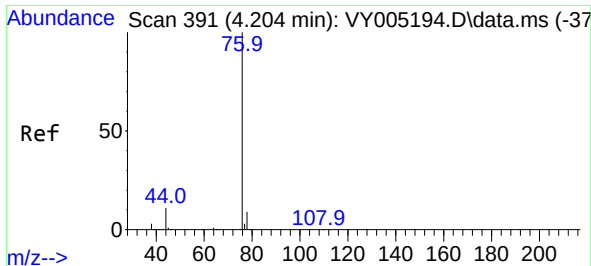
Tgt Ion:168 Resp: 188076
Ion Ratio Lower Upper
168 100
99 43.8 36.2 54.4



#16
Acetone
Concen: 1372.789 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005282.D
Acq: 29 Jun 2021 17:51

Tgt Ion: 43 Resp: 494968
Ion Ratio Lower Upper
43 100
58 35.5 28.2 42.2

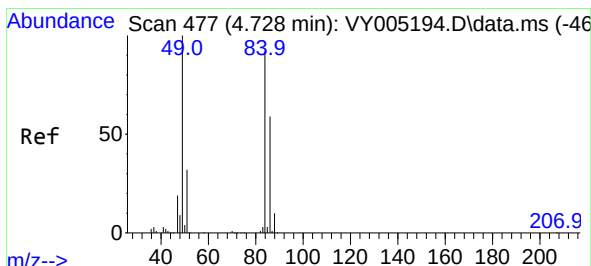
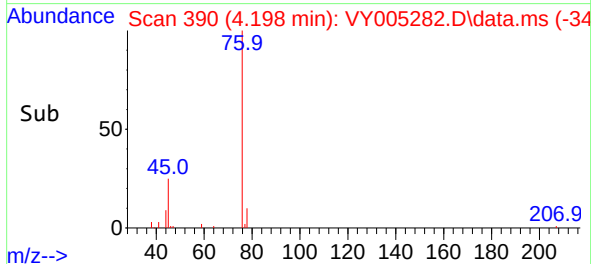
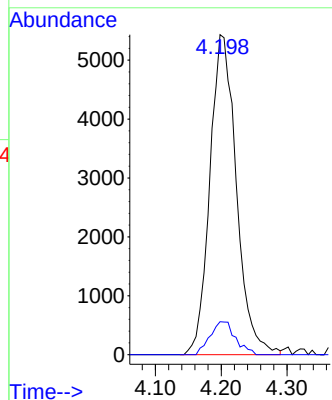
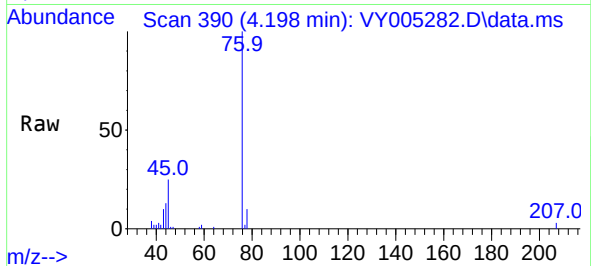




#17
Carbon Disulfide
Concen: 3.115 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.006 min
Lab File: VY005282.D
Acq: 29 Jun 2021 17:51

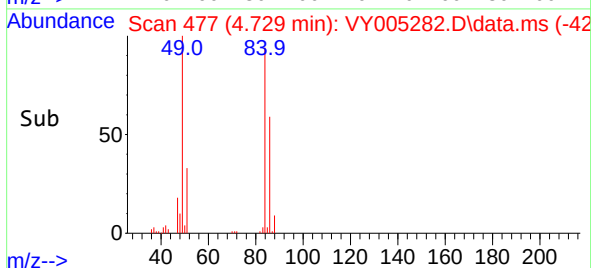
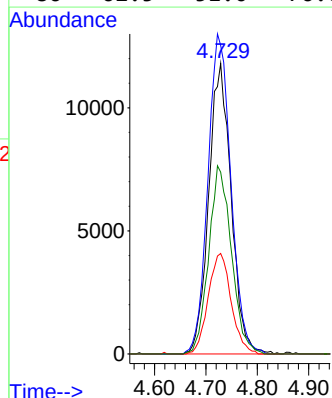
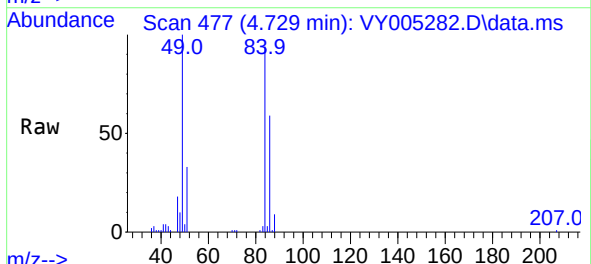
Instrument :
MSVOA_Y
ClientSampled :
26878

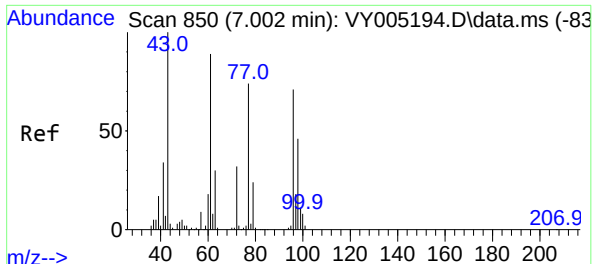
Tgt Ion: 76 Resp: 15255
Ion Ratio Lower Upper
76 100
78 10.3 7.3 10.9



#20
Methylene Chloride
Concen: 12.103 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.001 min
Lab File: VY005282.D
Acq: 29 Jun 2021 17:51

Tgt Ion: 84 Resp: 35773
Ion Ratio Lower Upper
84 100
49 106.1 86.9 130.3
51 34.6 27.4 41.2
86 62.5 51.0 76.6





#25

2-Butanone

Concen: 141.953 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY005282.D

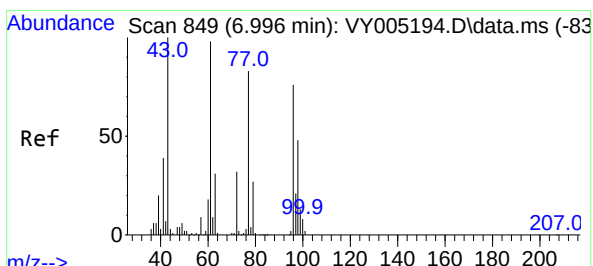
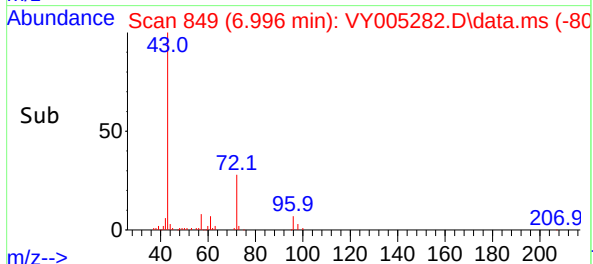
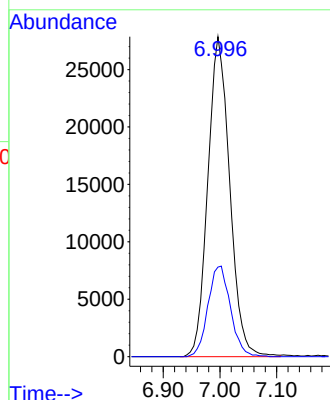
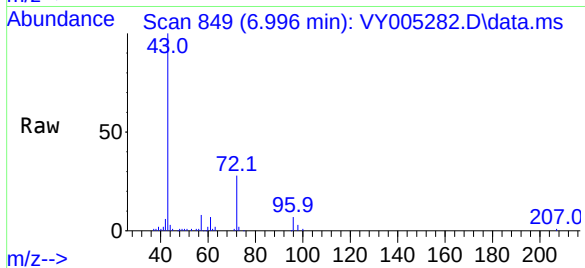
Acq: 29 Jun 2021 17:51

Instrument :
MSVOA_Y
ClientSampled :
26878

Tgt Ion: 43 Resp: 74631

Ion Ratio Lower Upper

43 100
72 28.0 25.3 37.9



#27

cis-1,2-Dichloroethene

Concen: 2.501 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

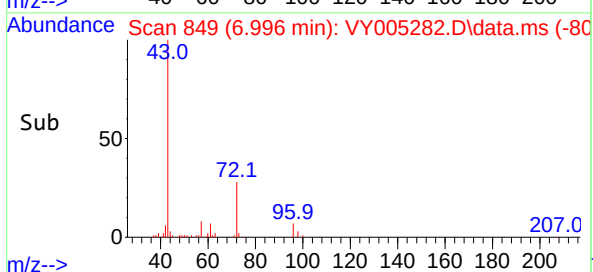
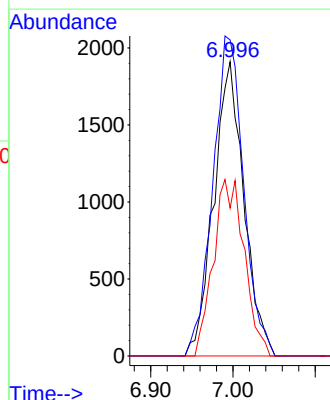
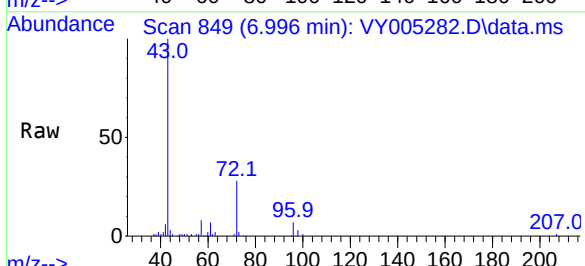
Lab File: VY005282.D

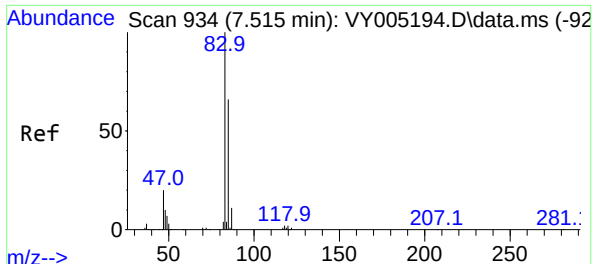
Acq: 29 Jun 2021 17:51

Tgt Ion: 96 Resp: 4878

Ion Ratio Lower Upper

96 100
61 111.0 0.0 261.6
98 61.4 0.0 129.4



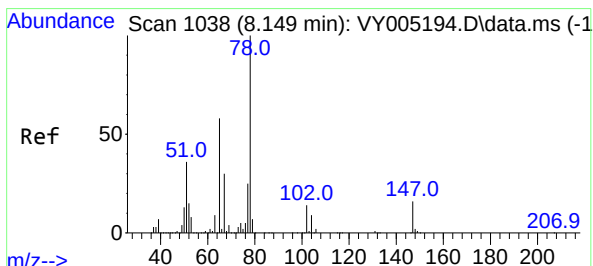
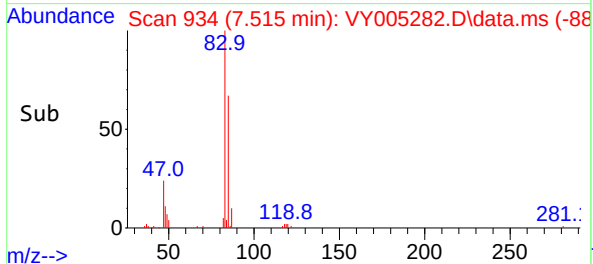
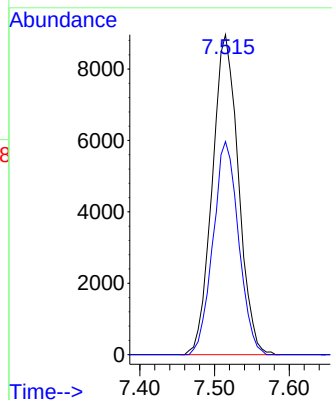
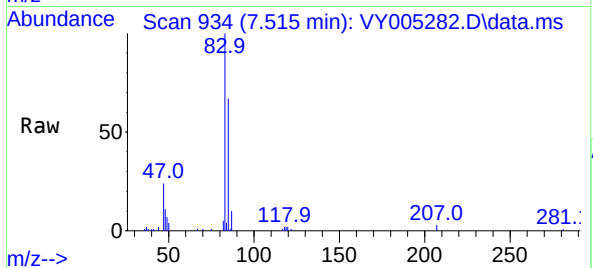


#30

Chloroform
Concen: 7.416 ug/l
RT: 7.515 min Scan# 934
Delta R.T. 0.000 min
Lab File: VY005282.D
Acq: 29 Jun 2021 17:51

Instrument :
MSVOA_Y
ClientSampleId :
26878

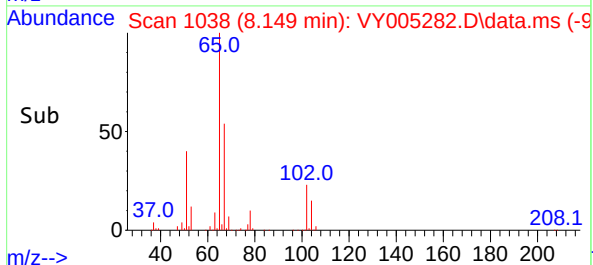
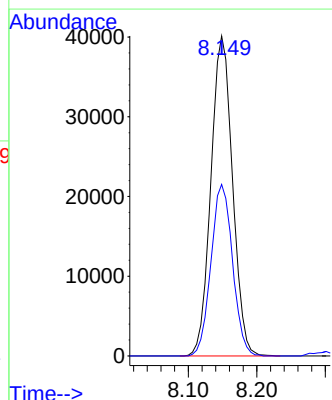
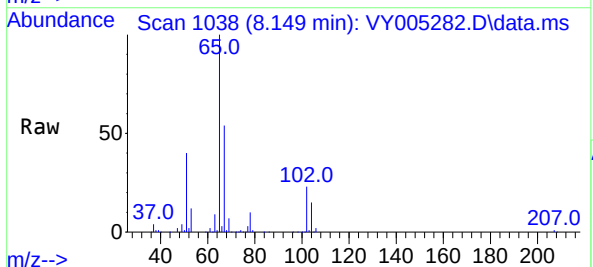
Tgt Ion: 83 Resp: 21780
Ion Ratio Lower Upper
83 100
85 66.6 52.7 79.1

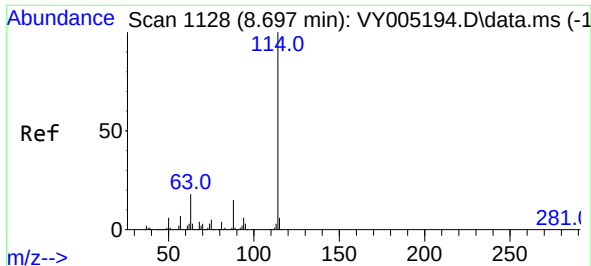


#33

1,2-Dichloroethane-d4
Concen: 56.219 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005282.D
Acq: 29 Jun 2021 17:51

Tgt Ion: 65 Resp: 87745
Ion Ratio Lower Upper
65 100
67 53.5 0.0 110.6



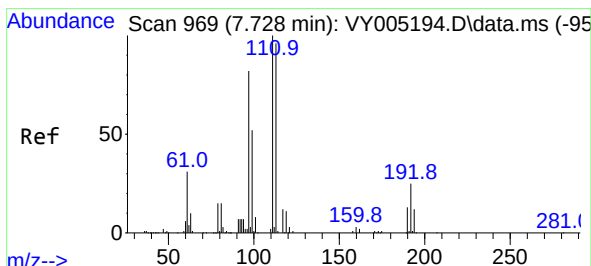
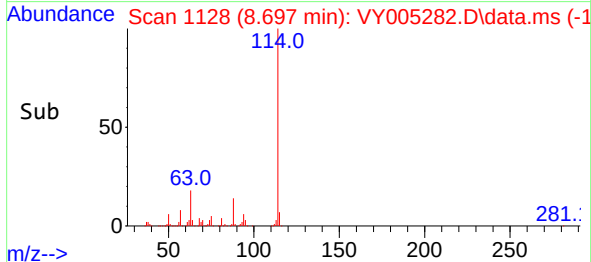
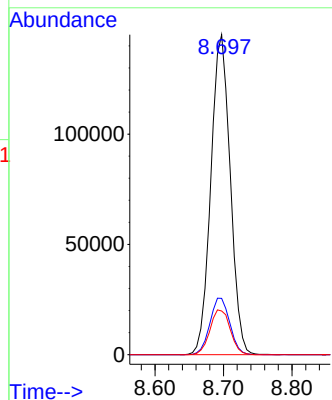
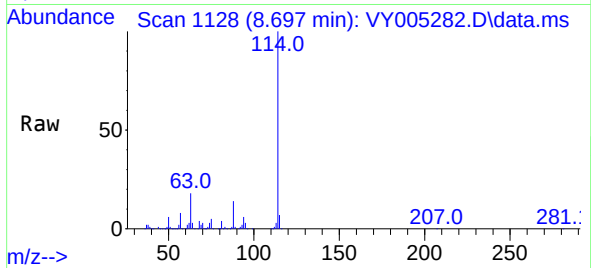


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005282.D
Acq: 29 Jun 2021 17:51

Instrument :
MSVOA_Y
ClientSampleId :
26878

Tgt Ion:114 Resp: 284345

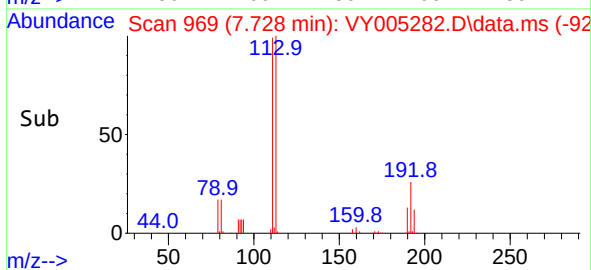
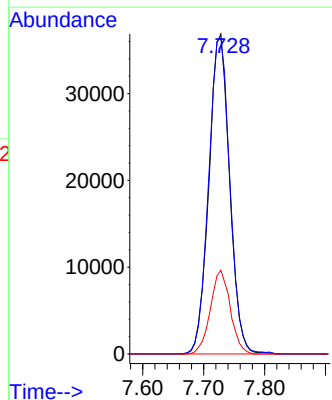
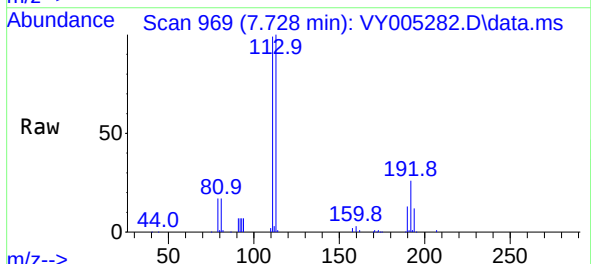
Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	35.2
88	13.6	0.0	29.4

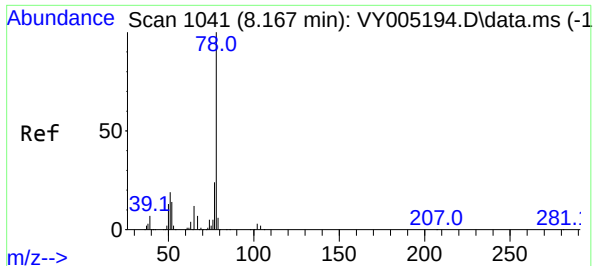


#35
Dibromofluoromethane
Concen: 51.853 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005282.D
Acq: 29 Jun 2021 17:51

Tgt Ion:113 Resp: 86954

Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.6	124.0
192	25.2	20.2	30.2

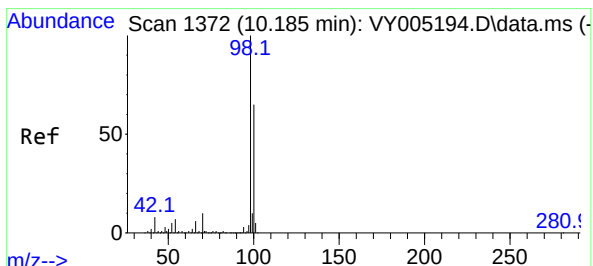
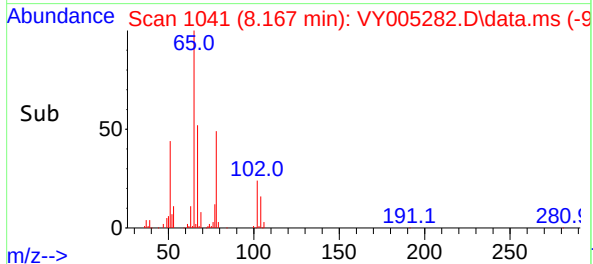
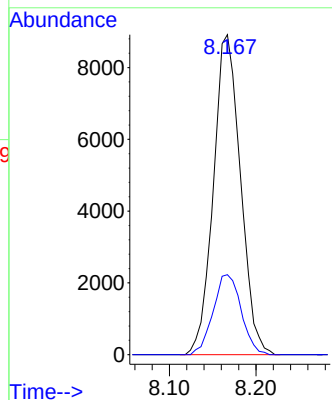
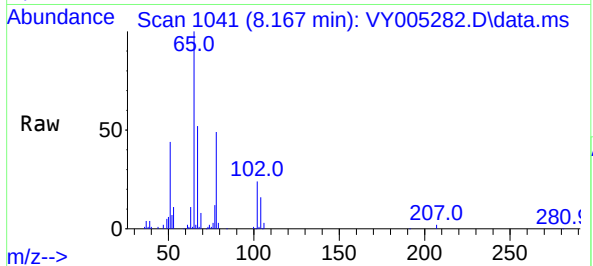




#40
Benzene
Concen: 2.622 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY005282.D
Acq: 29 Jun 2021 17:51

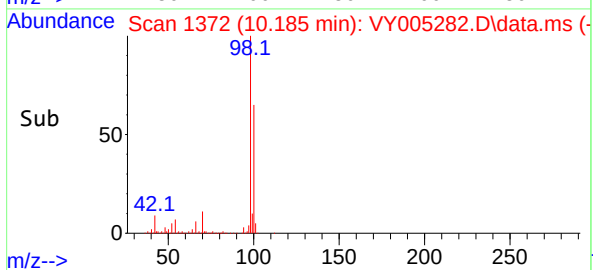
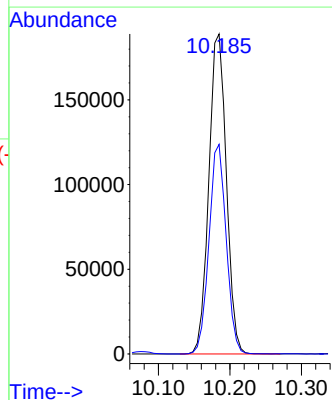
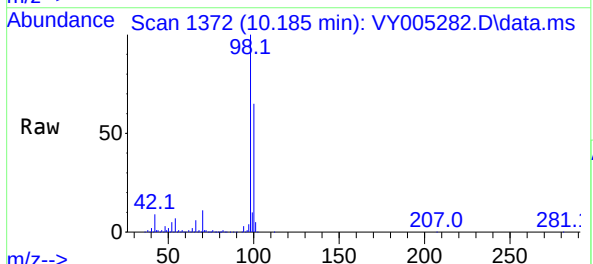
Instrument :
MSVOA_Y
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26878

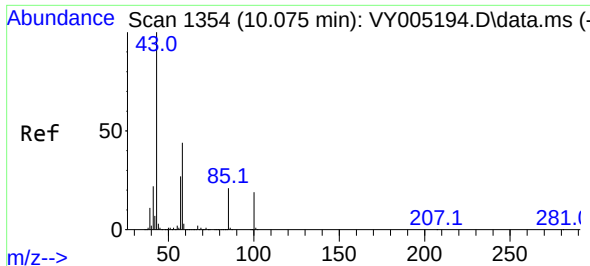
Tgt Ion: 78 Resp: 19359
Ion Ratio Lower Upper
78 100
77 25.0 19.1 28.7



#50
Toluene-d8
Concen: 47.921 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005282.D
Acq: 29 Jun 2021 17:51

Tgt Ion: 98 Resp: 321367
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9

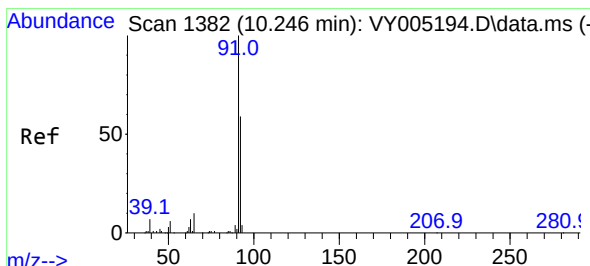
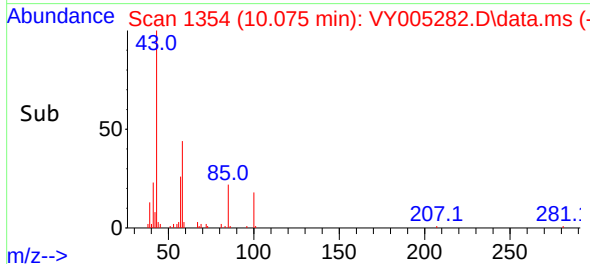
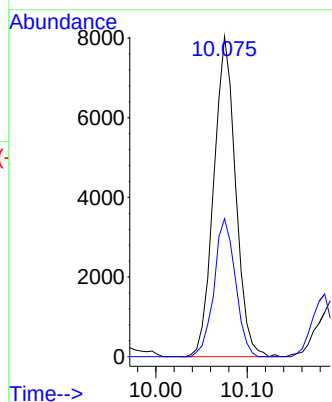
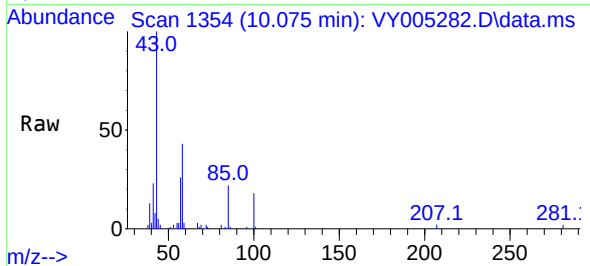




#51
4-Methyl-2-Pentanone
Concen: 10.744 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY005282.D
Acq: 29 Jun 2021 17:51

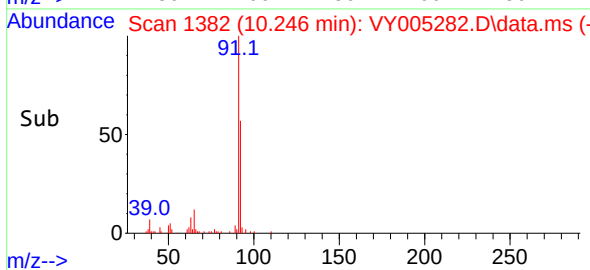
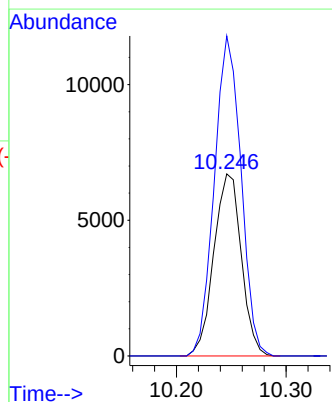
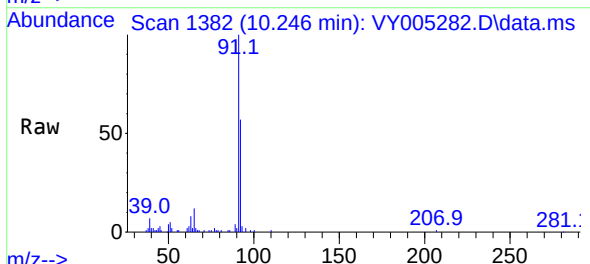
Instrument :
MSVOA_Y
ClientSampled :
26878

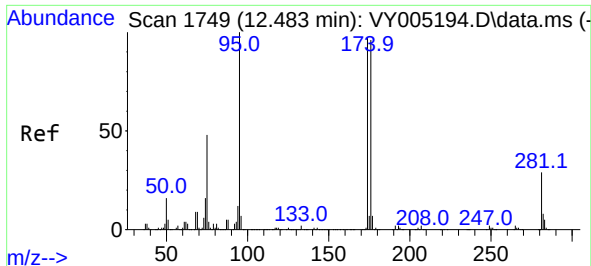
Tgt Ion: 43 Resp: 13346
Ion Ratio Lower Upper
43 100
58 42.0 35.3 52.9



#52
Toluene
Concen: 2.477 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY005282.D
Acq: 29 Jun 2021 17:51

Tgt Ion: 92 Resp: 11691
Ion Ratio Lower Upper
92 100
91 170.6 138.3 207.5



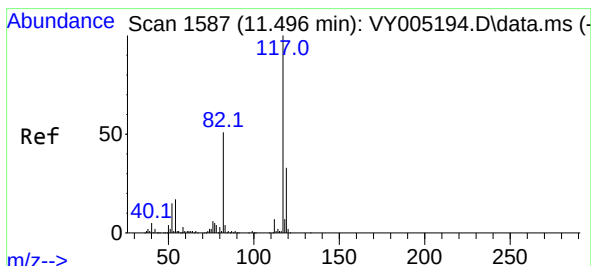
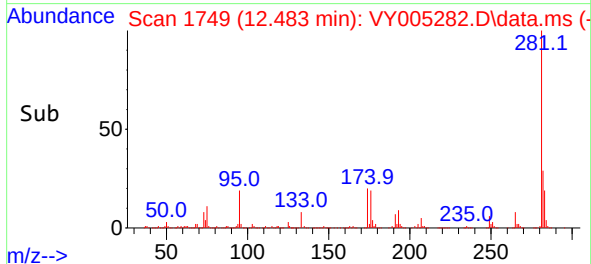
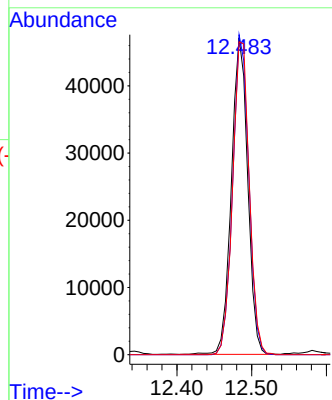
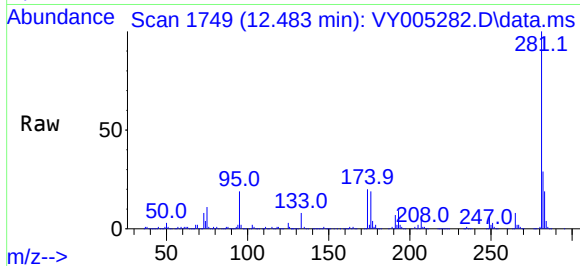


#62
4-Bromofluorobenzene
Concen: 32.025 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005282.D
Acq: 29 Jun 2021 17:51

Instrument :
MSVOA_Y
ClientSampled :
26878

Tgt Ion: 95 Resp: 71566

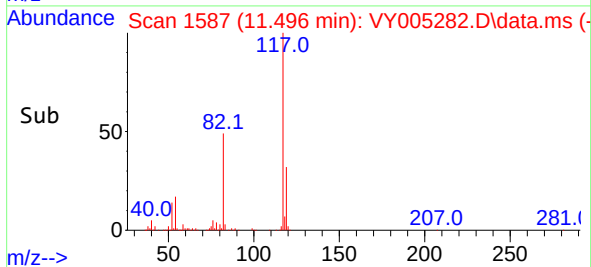
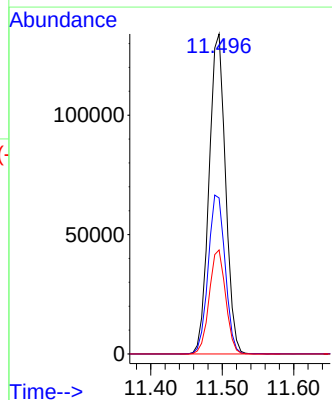
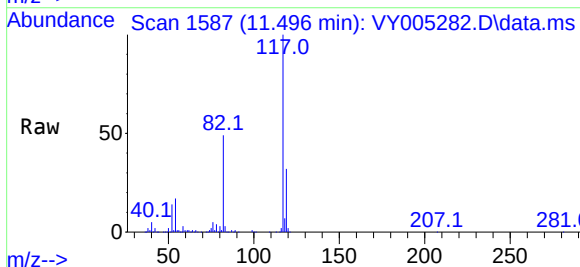
Ion	Ratio	Lower	Upper
95	100		
174	99.5	0.0	201.6
176	101.0	0.0	197.4

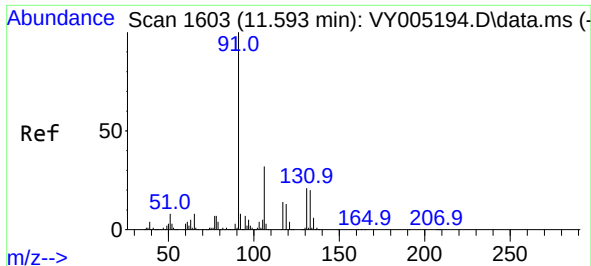


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005282.D
Acq: 29 Jun 2021 17:51

Tgt Ion: 117 Resp: 214224

Ion	Ratio	Lower	Upper
117	100		
82	48.8	40.6	60.8
119	32.5	26.1	39.1

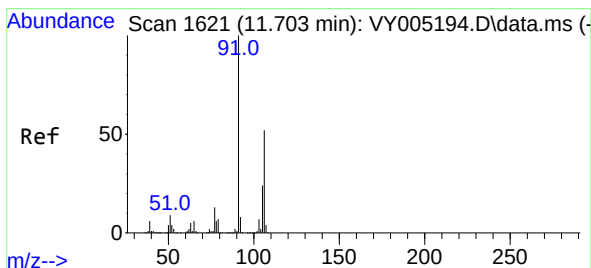
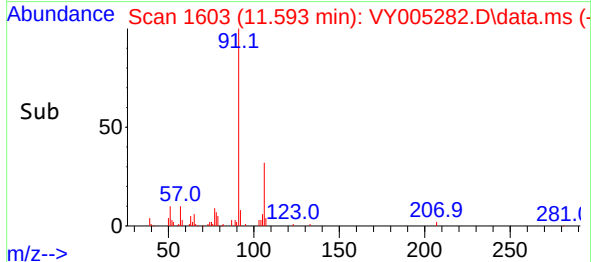
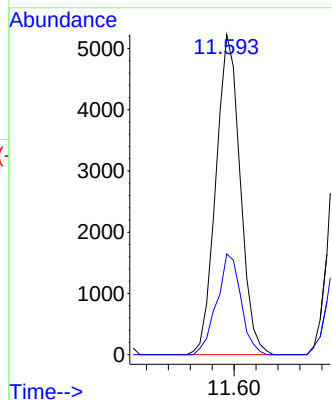
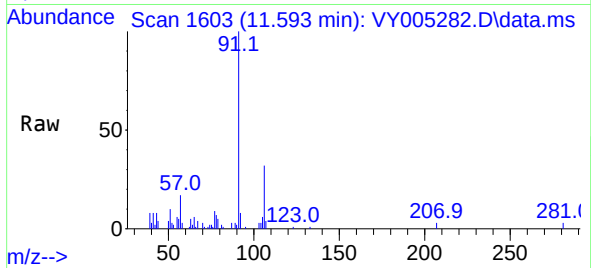




#67
Ethyl Benzene
Concen: 1.099 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY005282.D
Acq: 29 Jun 2021 17:51

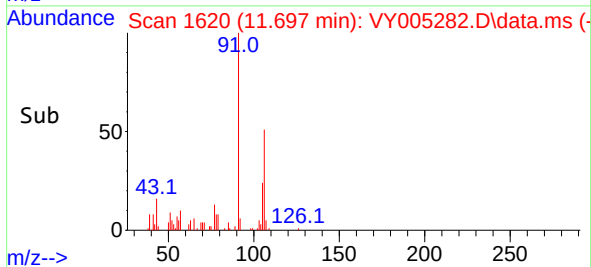
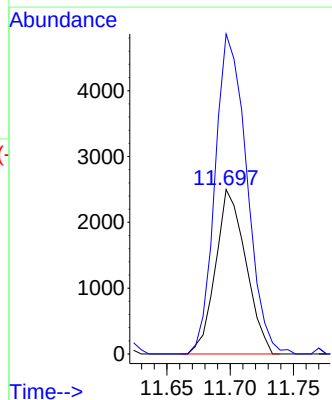
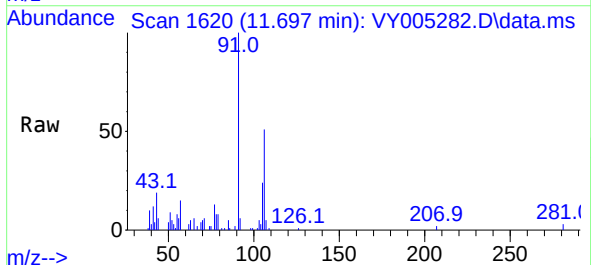
Instrument :
MSVOA_Y
ClientSampleId :
26878

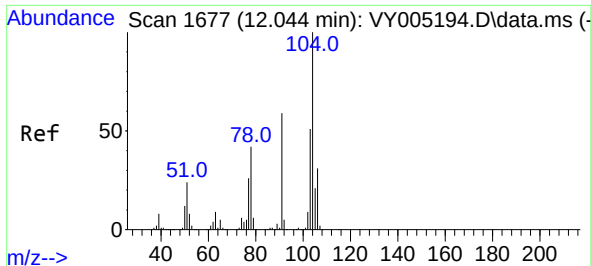
Tgt Ion: 91 Resp: 8049
Ion Ratio Lower Upper
91 100
106 31.5 25.8 38.6



#68
m/p-Xylenes
Concen: 1.417 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY005282.D
Acq: 29 Jun 2021 17:51

Tgt Ion:106 Resp: 4158
Ion Ratio Lower Upper
106 100
91 203.3 154.8 232.2

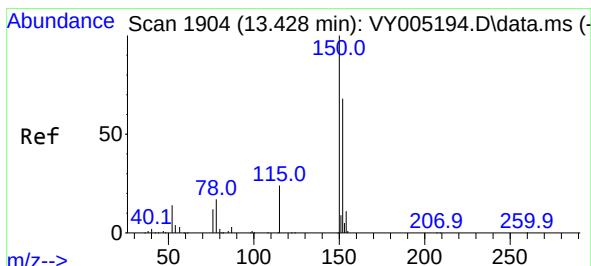
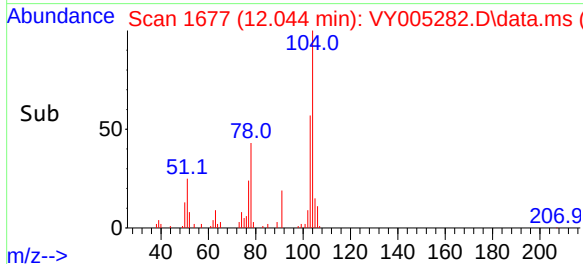
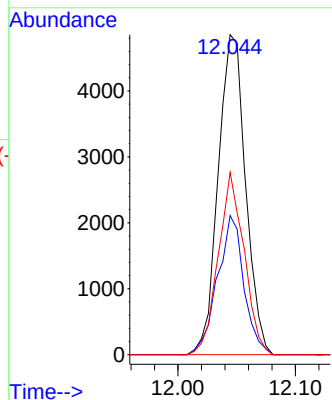
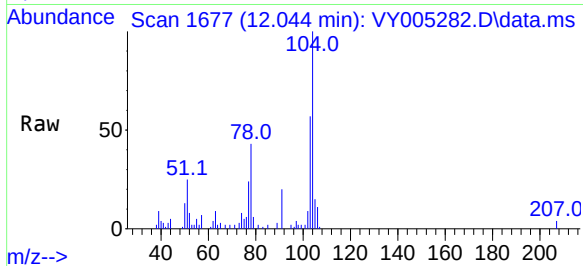




#70
Styrene
Concen: 1.685 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY005282.D
Acq: 29 Jun 2021 17:51

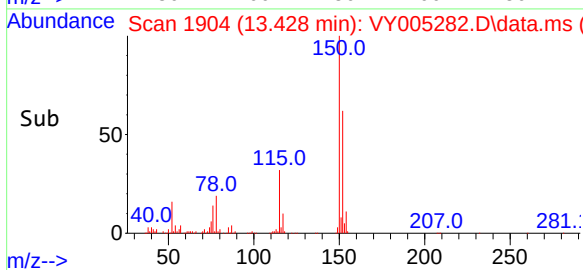
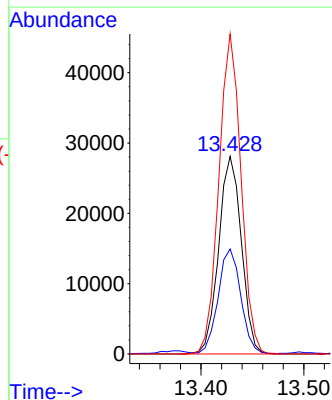
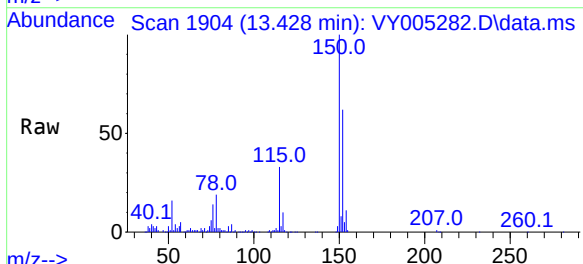
Instrument :
MSVOA_Y
ClientSampled :
26878

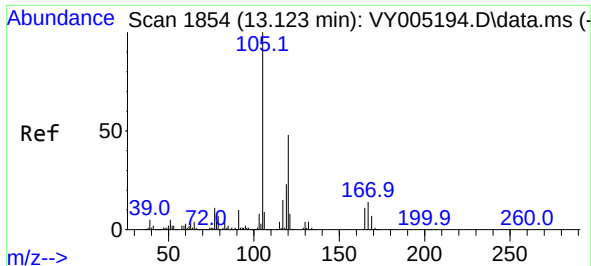
Tgt Ion:	104	Resp:	7870
Ion	Ratio	Lower	Upper
104	100		
78	42.0	36.4	54.6
103	53.6	43.8	65.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005282.D
Acq: 29 Jun 2021 17:51

Tgt Ion:	152	Resp:	43082
Ion	Ratio	Lower	Upper
152	100		
115	53.3	26.3	78.8
150	157.8	0.0	344.2

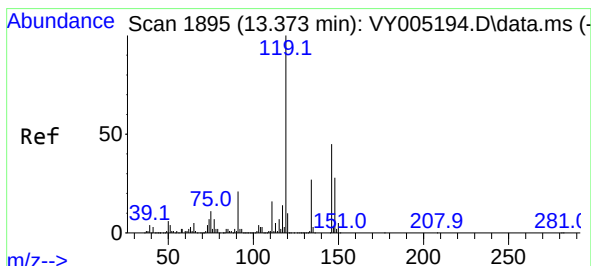
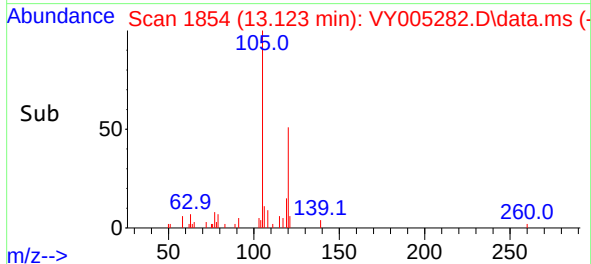
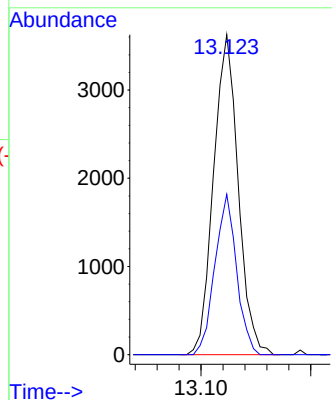
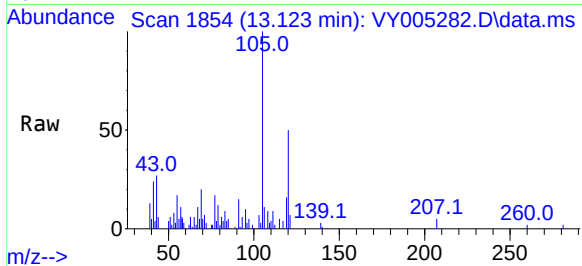




#84
1,2,4-Trimethylbenzene
Concen: 2.478 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY005282.D
Acq: 29 Jun 2021 17:51

Instrument :
MSVOA_Y
ClientSampled :
26878

Tgt Ion:105 Resp: 5664
Ion Ratio Lower Upper
105 100
120 44.1 23.6 71.0



#86
p-Isopropyltoluene
Concen: 2.914 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY005282.D
Acq: 29 Jun 2021 17:51

Tgt Ion:119 Resp: 7537
Ion Ratio Lower Upper
119 100
134 26.4 13.9 41.6
91 39.8 10.8 32.3#

