

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082021\
 Data File : VY005788.D
 Acq On : 20 Aug 2021 13:22
 Operator : SY/MD
 Sample : M3467-08RE
 Misc : 4.1G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SAMPLE-8-(309.00)-VOC-GRABRE

Quant Time: Aug 23 01:06:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

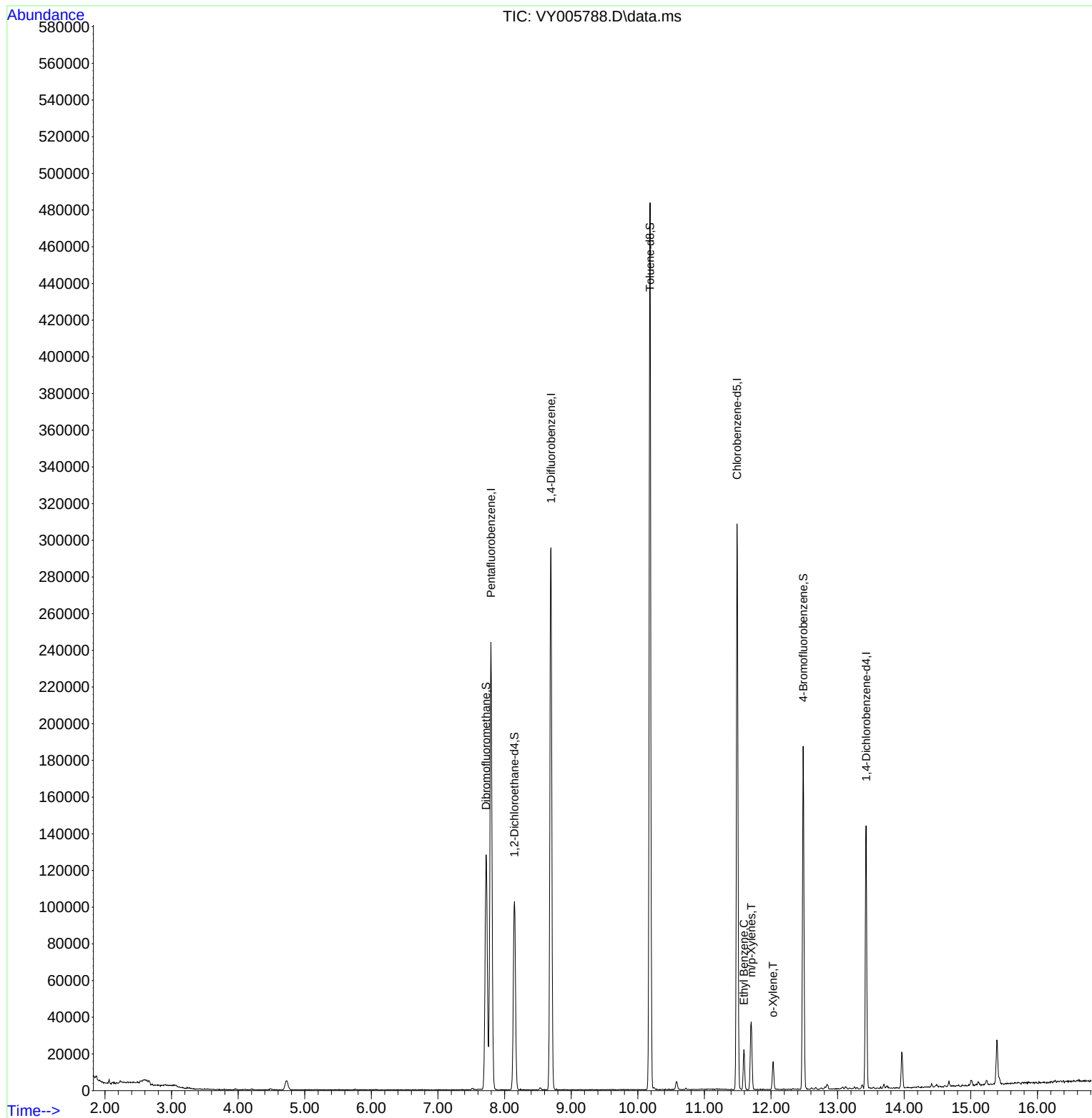
Internal Standards						
1) Pentafluorobenzene	7.795	168	194544	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	253705	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	164674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	37045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	86813	44.084	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.160%
35) Dibromofluoromethane	7.722	113	88172	62.074	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	124.140%
50) Toluene-d8	10.185	98	305648	51.307	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.620%
62) 4-Bromofluorobenzene	12.483	95	47941	24.302	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	48.600%
Target Compounds						
					Qvalue	
67) Ethyl Benzene	11.593	91	14290	2.378	ug/l	90
68) m/p-Xylenes	11.703	106	12104	5.186	ug/l	94
69) o-Xylene	12.032	106	3662	1.632	ug/l	93

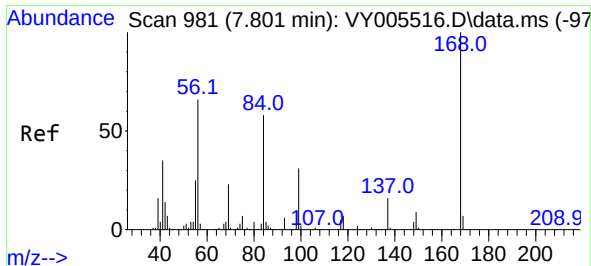
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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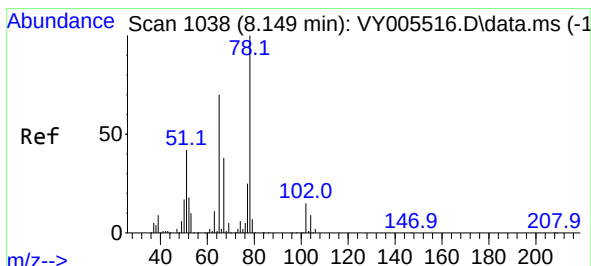
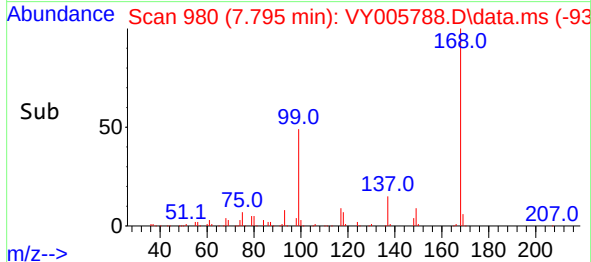
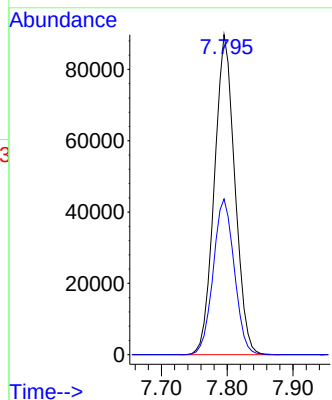
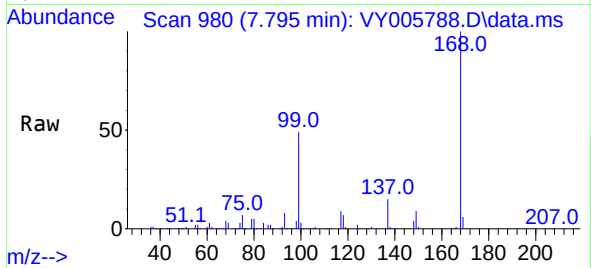




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005788.D
Acq: 20 Aug 2021 13:22

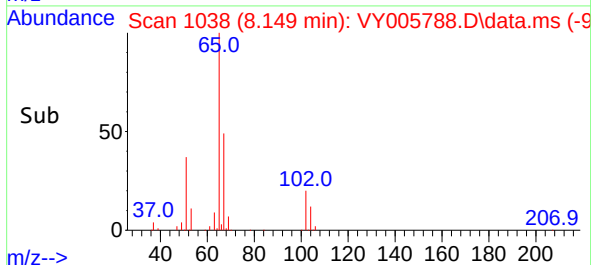
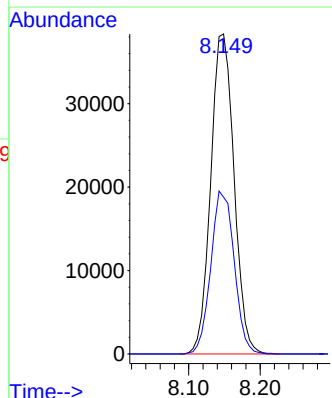
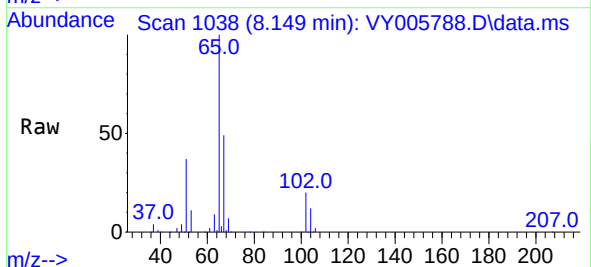
Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-8-(309.00)-VOC-GRABRE

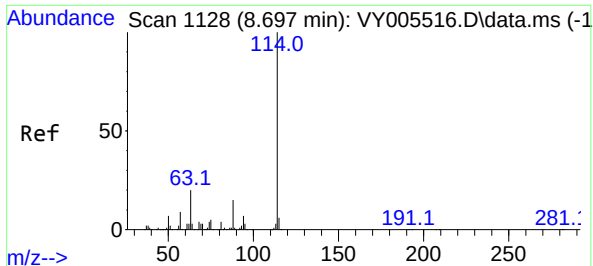
Tgt Ion:168 Resp: 194544
Ion Ratio Lower Upper
168 100
99 48.7 38.9 58.3



#33
1,2-Dichloroethane-d4
Concen: 44.084 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005788.D
Acq: 20 Aug 2021 13:22

Tgt Ion: 65 Resp: 86813
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.4



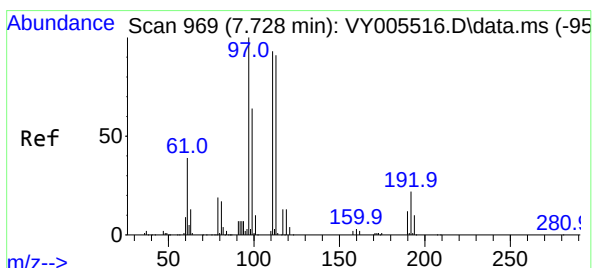
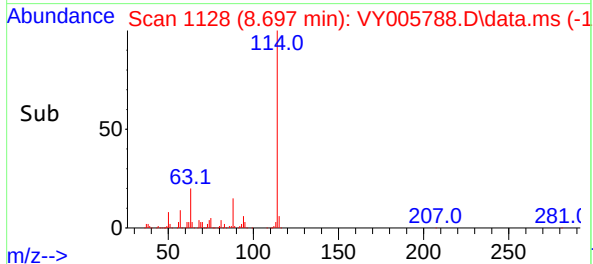
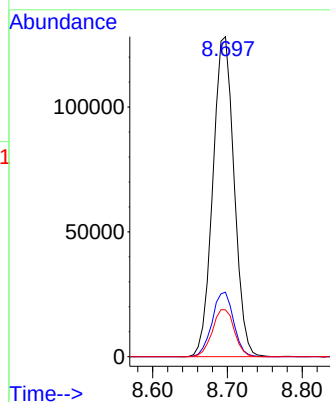
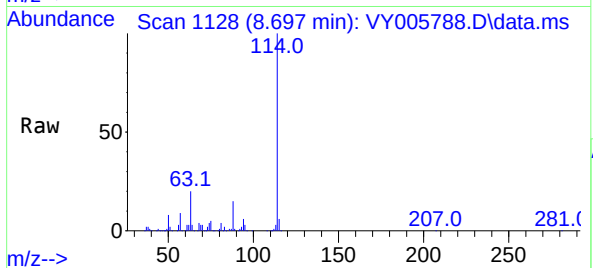


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005788.D
Acq: 20 Aug 2021 13:22

Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-8-(309.00)-VOC-GRABRE

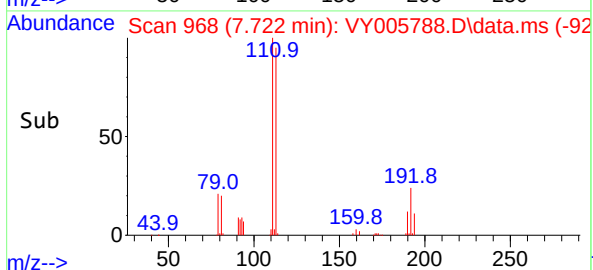
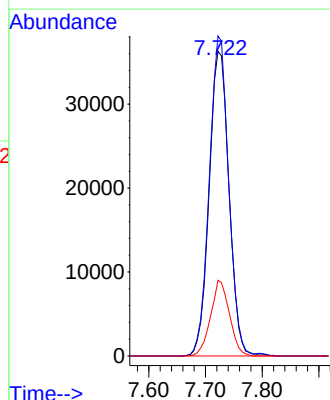
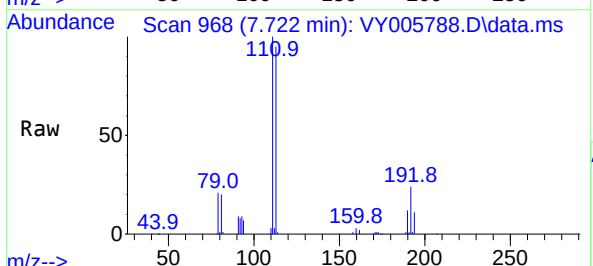
Tgt Ion:	114	Resp:	253705
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	39.2
88	14.6	0.0	30.8

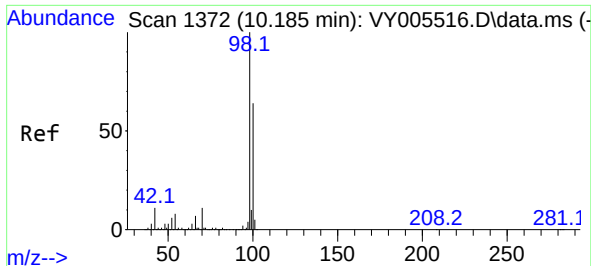


#35

Dibromofluoromethane
Concen: 62.074 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005788.D
Acq: 20 Aug 2021 13:22

Tgt Ion:	113	Resp:	88172
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.9	122.9
192	23.6	19.2	28.8

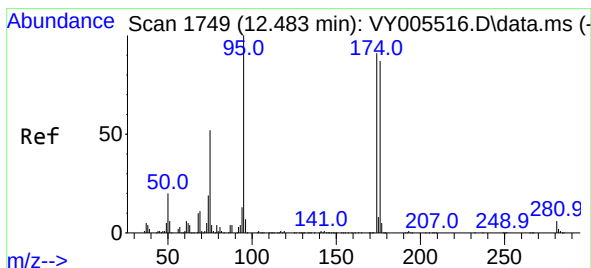
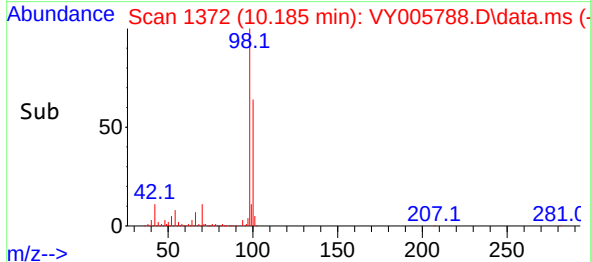
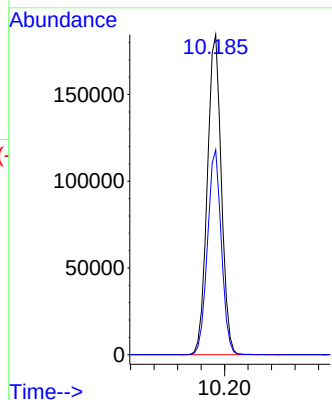
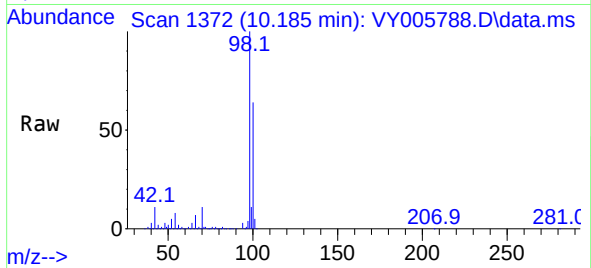




#50
Toluene-d8
Concen: 51.307 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005788.D
Acq: 20 Aug 2021 13:22

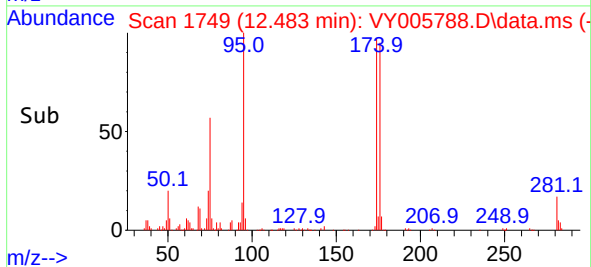
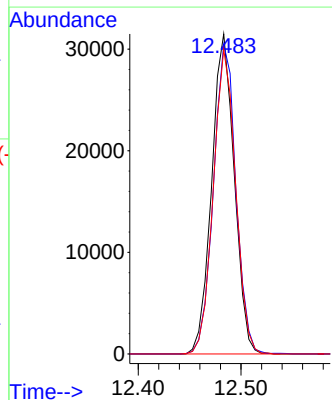
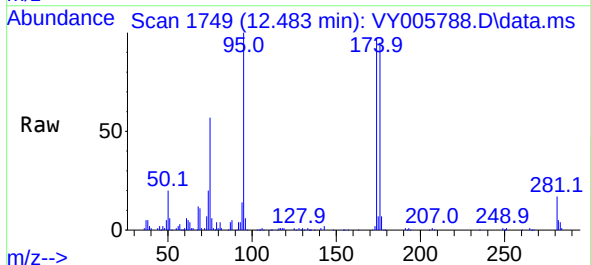
Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-8-(309.00)-VOC-GRABRE

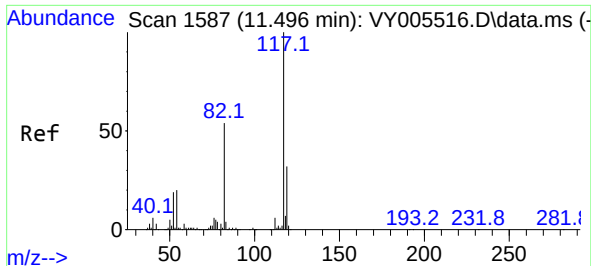
Tgt Ion: 98 Resp: 305648
Ion Ratio Lower Upper
98 100
100 63.4 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 24.302 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005788.D
Acq: 20 Aug 2021 13:22

Tgt Ion: 95 Resp: 47941
Ion Ratio Lower Upper
95 100
174 96.2 0.0 191.4
176 94.0 0.0 183.6

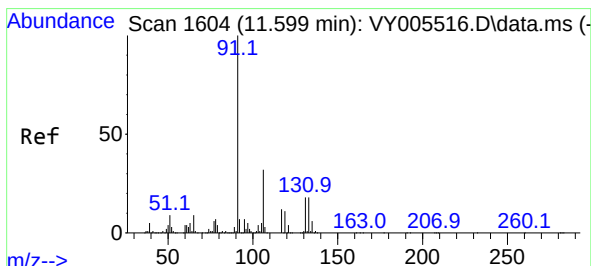
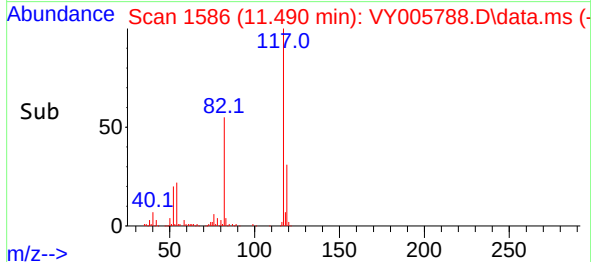
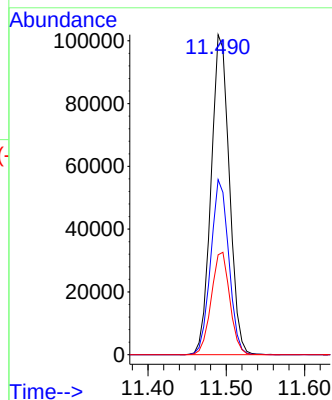
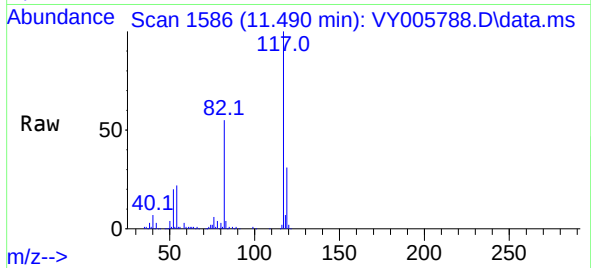




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005788.D
Acq: 20 Aug 2021 13:22

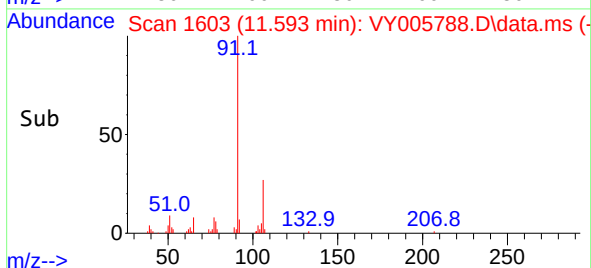
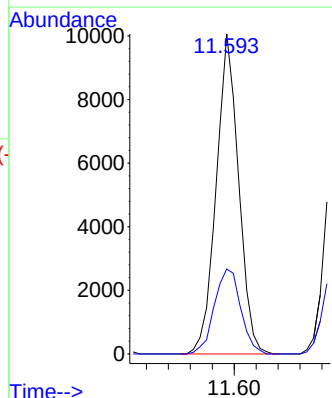
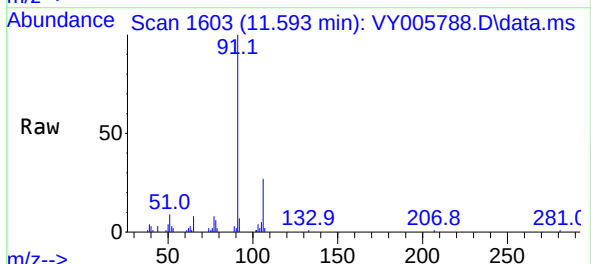
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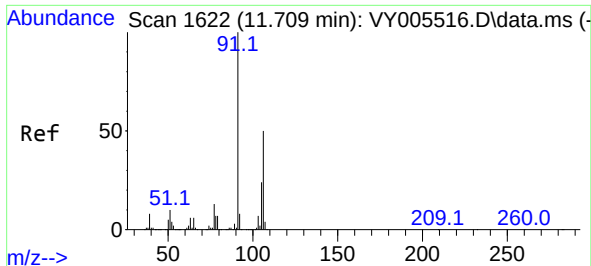
Tgt Ion:	117	Resp:	164674
Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.5	65.3
119	31.2	25.5	38.3



#67
Ethyl Benzene
Concen: 2.378 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY005788.D
Acq: 20 Aug 2021 13:22

Tgt Ion:	91	Resp:	14290
Ion	Ratio	Lower	Upper
91	100		
106	26.5	25.8	38.6

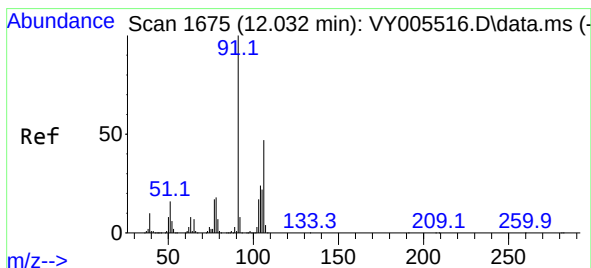
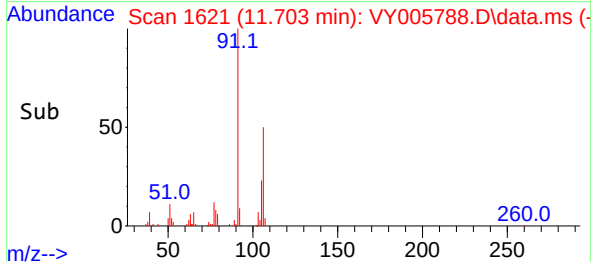
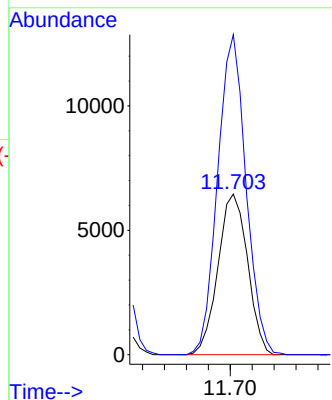
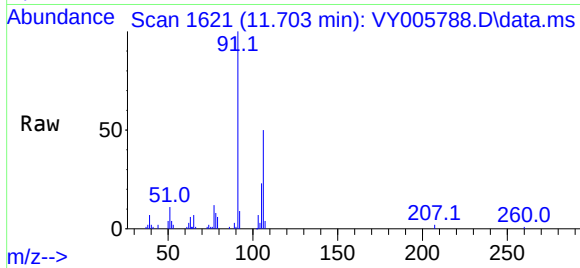




#68
m/p-Xylenes
Concen: 5.186 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY005788.D
Acq: 20 Aug 2021 13:22

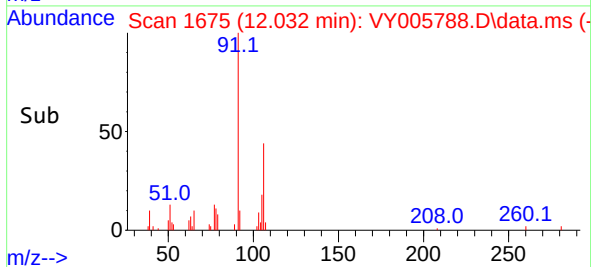
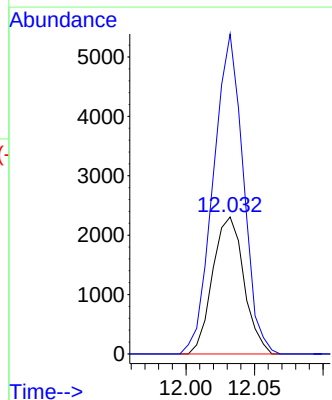
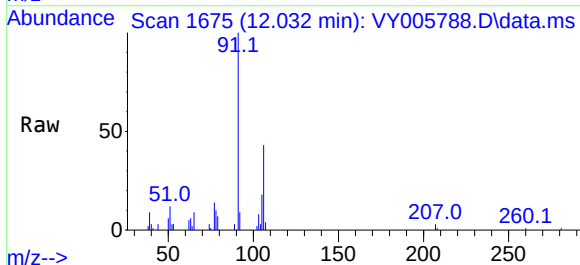
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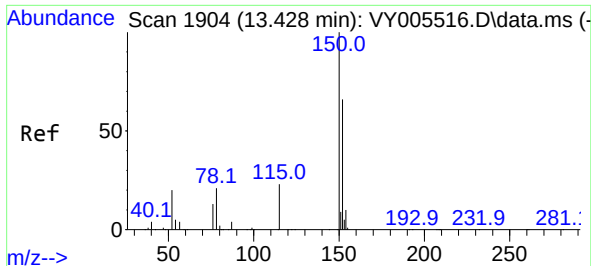
Tgt Ion:106 Resp: 12104
Ion Ratio Lower Upper
106 100
91 190.9 159.6 239.4



#69
o-Xylene
Concen: 1.632 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY005788.D
Acq: 20 Aug 2021 13:22

Tgt Ion:106 Resp: 3662
Ion Ratio Lower Upper
106 100
91 223.9 106.2 318.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005788.D
 Acq: 20 Aug 2021 13:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 SAMPLE-8-(309.00)-VOC-GRABRE

Tgt Ion:152 Resp: 37045
 Ion Ratio Lower Upper
 152 100
 115 54.7 27.3 81.9
 150 156.0 0.0 350.2

