

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081621\
 Data File : VY005663.D
 Acq On : 16 Aug 2021 12:26
 Operator : SY/MD
 Sample : M3404-07RE
 Misc : 5.10G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP3-1-6FTRE

Quant Time: Aug 17 05:18:11 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)

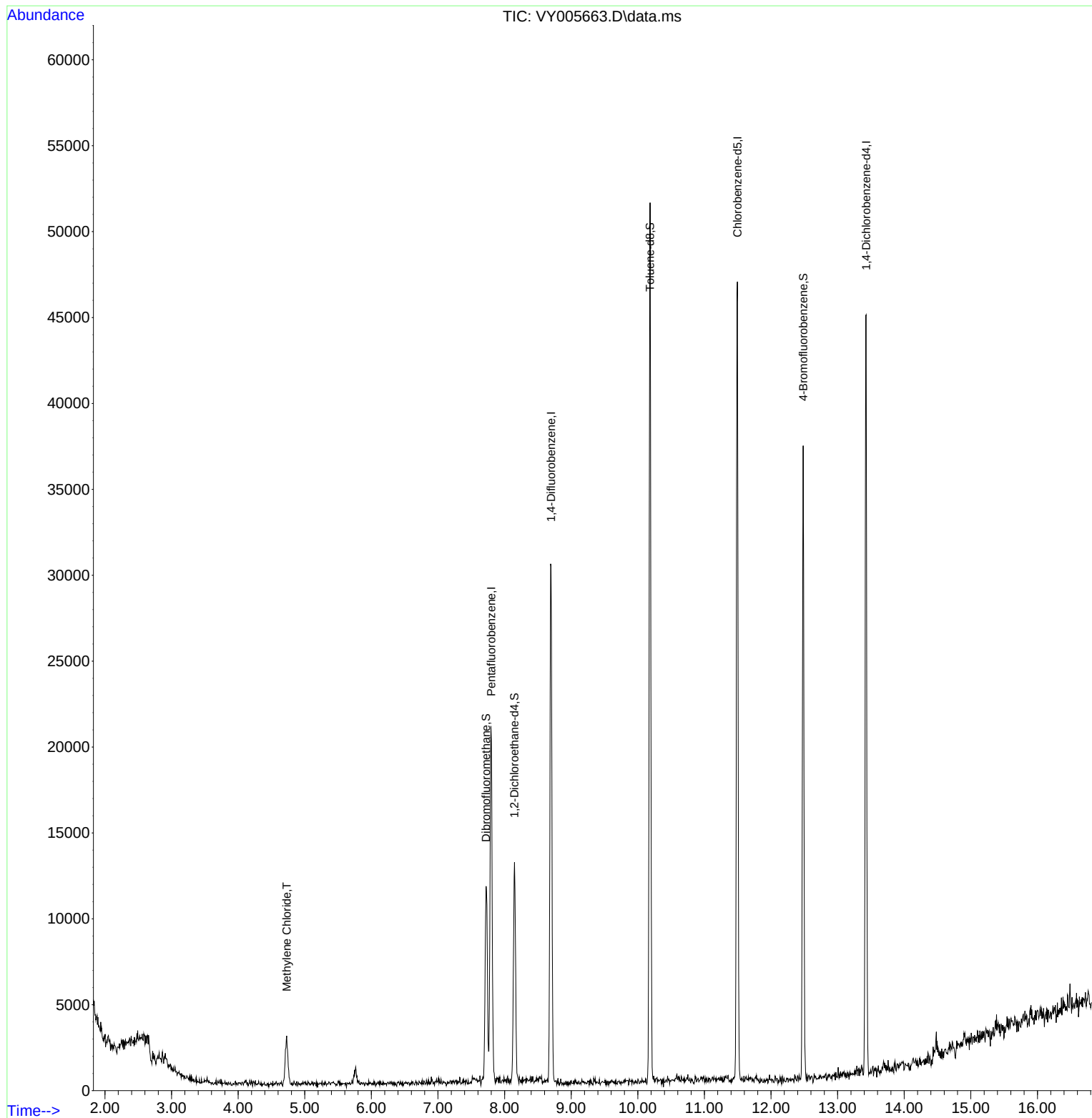
Internal Standards						
1) Pentafluorobenzene	7.801	168	16921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	26331	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	25569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	11689	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	10464	61.092	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 122.180%		
35) Dibromofluoromethane	7.722	113	7981	54.137	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 108.280%		
50) Toluene-d8	10.185	98	33057	53.467	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 106.940%		
62) 4-Bromofluorobenzene	12.483	95	10247	50.049	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 100.100%		
Target Compounds						
20) Methylene Chloride	4.729	84	2007	6.442	ug/l	Qvalue 97

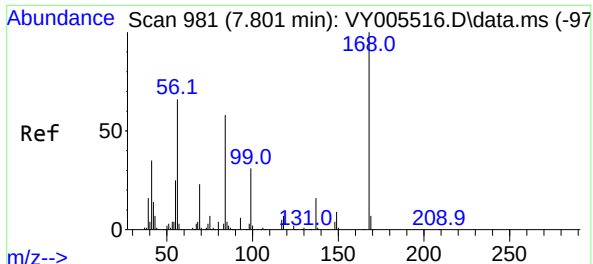
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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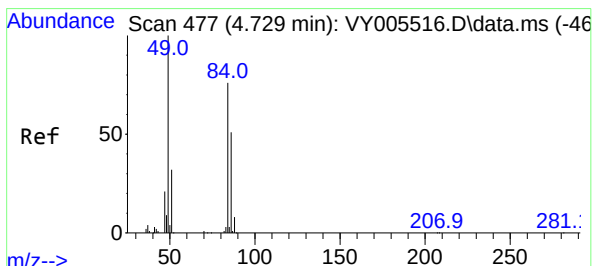
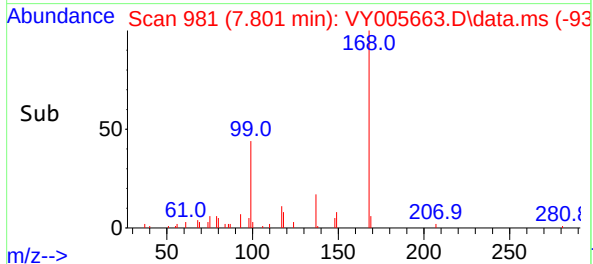
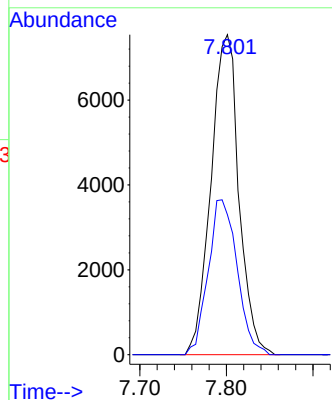
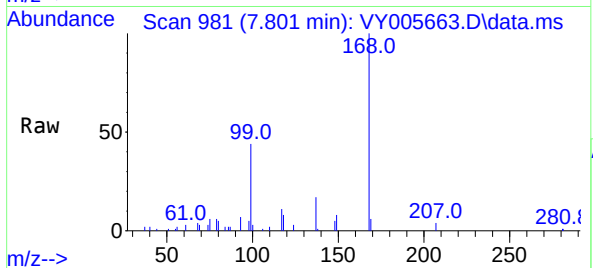




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005663.D
Acq: 16 Aug 2021 12:26

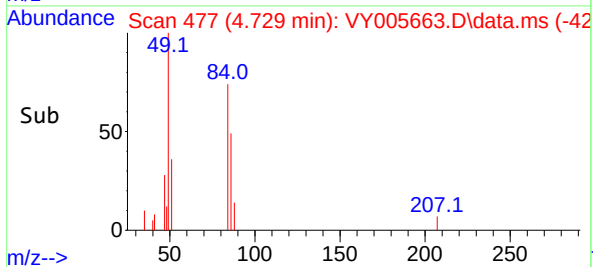
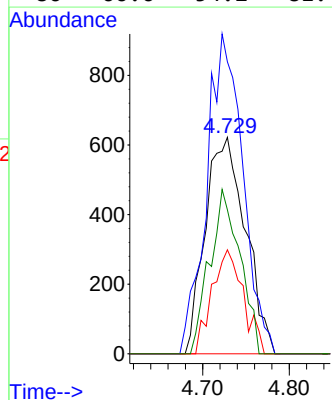
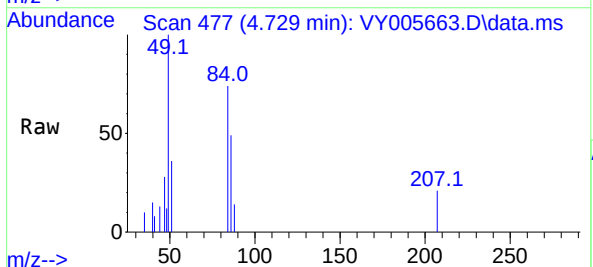
Instrument :
MSVOA_Y
ClientSampleId :
TP3-1-6FTRE

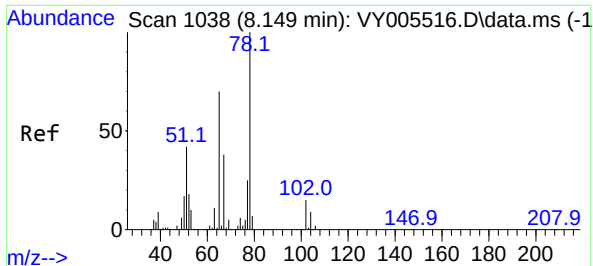
Tgt Ion:168 Resp: 16921
Ion Ratio Lower Upper
168 100
99 43.7 38.9 58.3



#20
Methylene Chloride
Concen: 6.442 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005663.D
Acq: 16 Aug 2021 12:26

Tgt Ion: 84 Resp: 2007
Ion Ratio Lower Upper
84 100
49 134.9 105.8 158.6
51 48.1 33.4 50.2
86 66.6 54.2 81.4

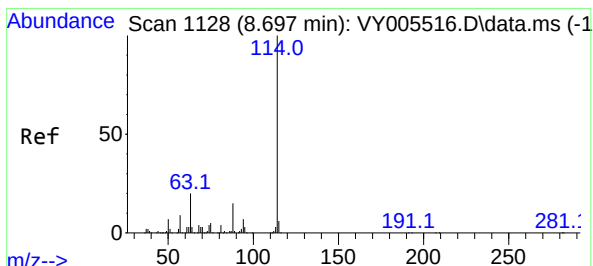
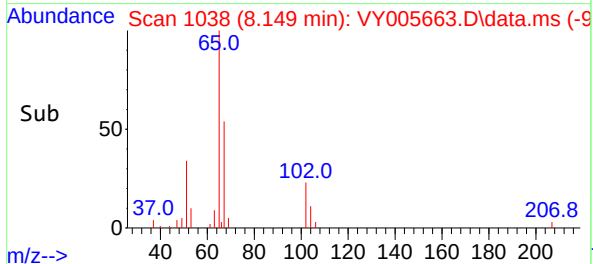
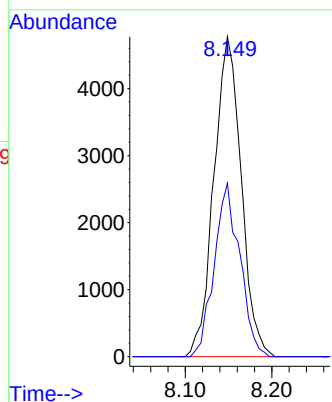
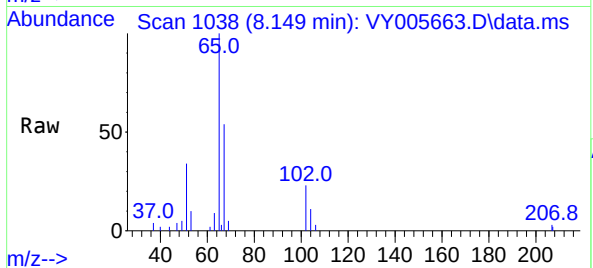




#33
1,2-Dichloroethane-d4
Concen: 61.092 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005663.D
Acq: 16 Aug 2021 12:26

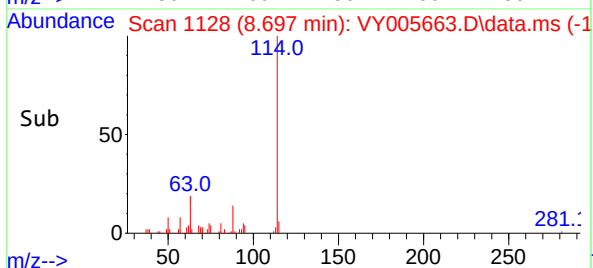
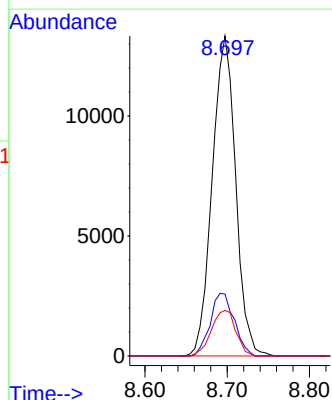
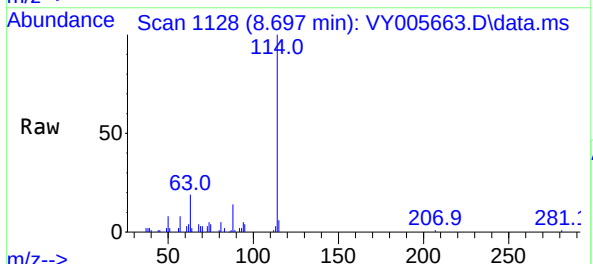
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TP3-1-6FTRE

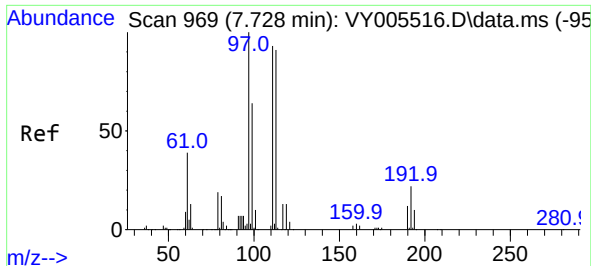
Tgt Ion: 65 Resp: 10464
Ion Ratio Lower Upper
65 100
67 50.7 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005663.D
Acq: 16 Aug 2021 12:26

Tgt Ion: 114 Resp: 26331
Ion Ratio Lower Upper
114 100
63 19.3 0.0 39.2
88 14.3 0.0 30.8

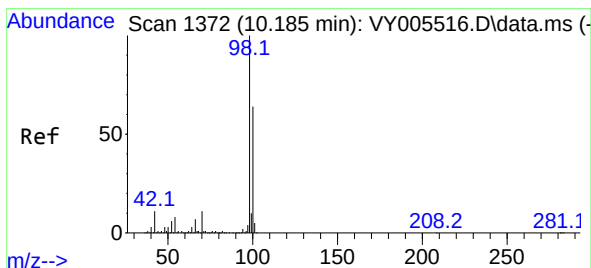
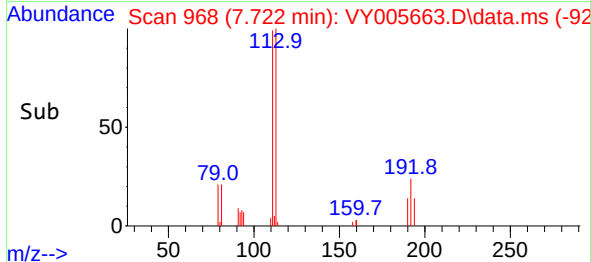
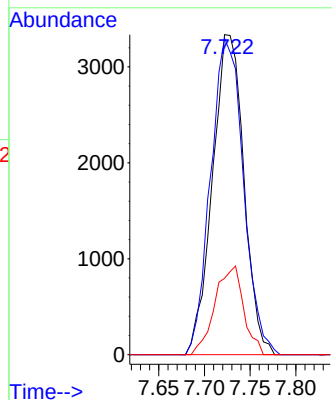
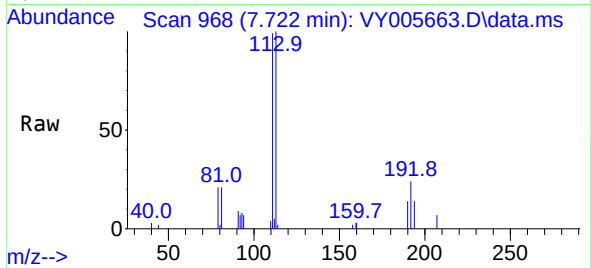




#35
Dibromofluoromethane
Concen: 54.137 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005663.D
Acq: 16 Aug 2021 12:26

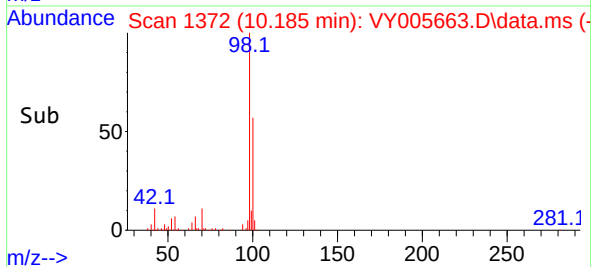
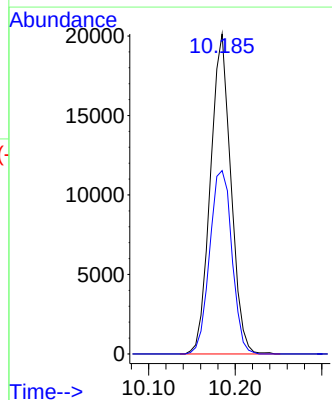
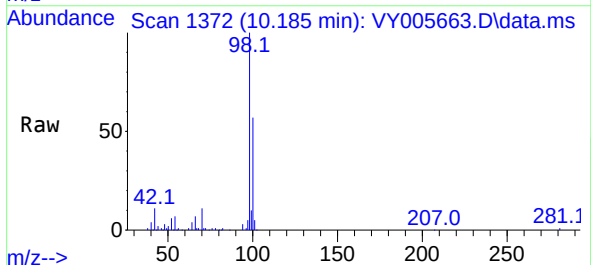
Instrument :
MSVOA_Y
ClientSampleId :
TP3-1-6FTRE

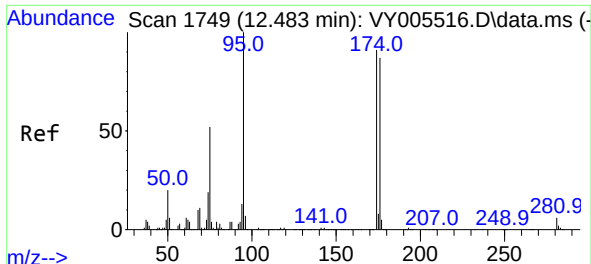
Tgt Ion:113 Resp: 7981
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 25.3 19.2 28.8



#50
Toluene-d8
Concen: 53.467 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005663.D
Acq: 16 Aug 2021 12:26

Tgt Ion: 98 Resp: 33057
Ion Ratio Lower Upper
98 100
100 62.3 51.3 76.9

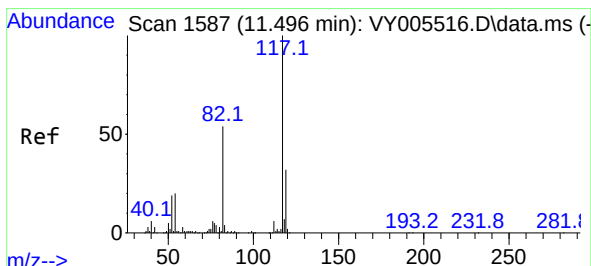
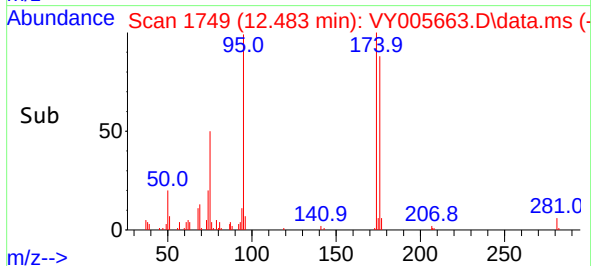
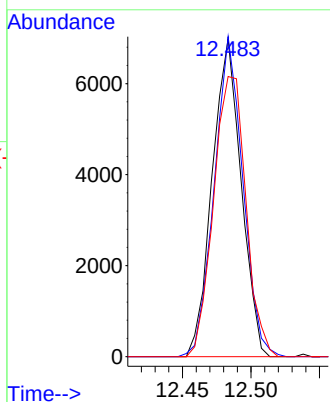
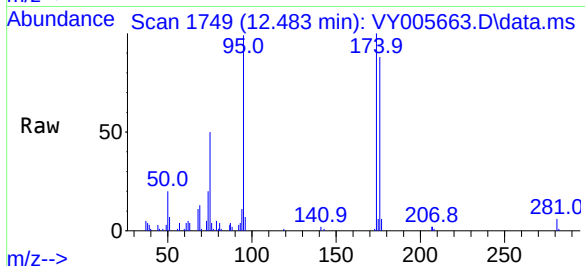




#62
4-Bromofluorobenzene
Concen: 50.049 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005663.D
Acq: 16 Aug 2021 12:26

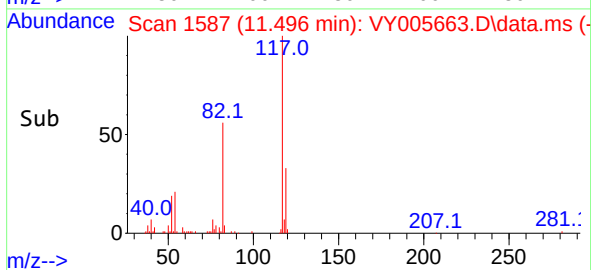
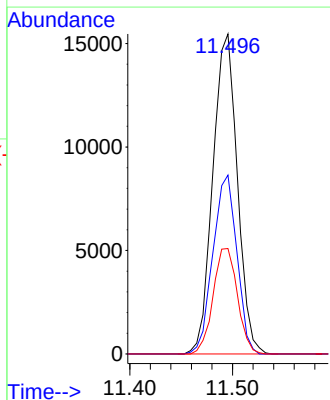
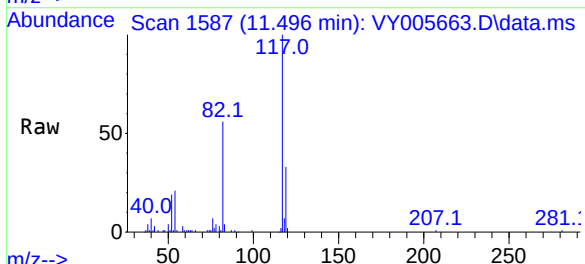
Instrument :
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TP3-1-6FTRE

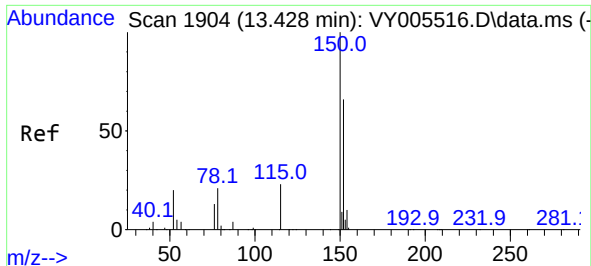
Tgt Ion:	95	Resp:	10247
Ion Ratio	Lower	Upper	
95	100		
174	99.6	0.0	191.4
176	98.6	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005663.D
Acq: 16 Aug 2021 12:26

Tgt Ion:	117	Resp:	25569
Ion Ratio	Lower	Upper	
117	100		
82	55.9	43.5	65.3
119	32.9	25.5	38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005663.D
 Acq: 16 Aug 2021 12:26

Instrument :
 MSVOA_Y
 ClientSampleId :
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Tgt Ion:152 Resp: 11689
 Ion Ratio Lower Upper
 152 100
 115 54.9 27.3 81.9
 150 157.9 0.0 350.2

