

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082021\
 Data File : VY005793.D
 Acq On : 20 Aug 2021 15:18
 Operator : SY/MD
 Sample : M3467-18
 Misc : 4.81G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SAMPLE-4-(177.00)-VOC-GRAB

Quant Time: Aug 23 01:07:56 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)

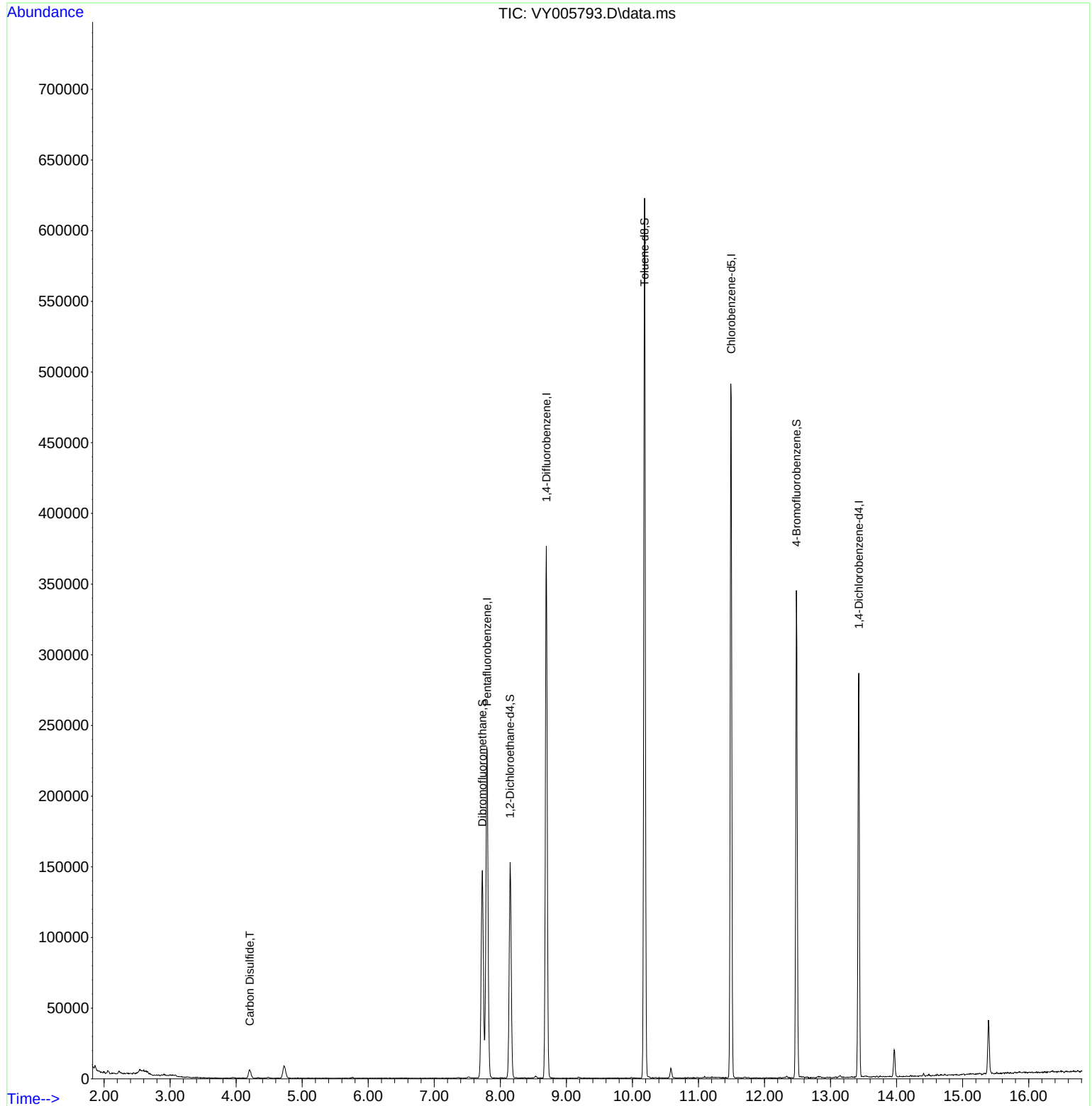
Internal Standards						
1) Pentafluorobenzene	7.801	168	188246	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	311574	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	261541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	119450	62.686	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.380%
35) Dibromofluoromethane	7.728	113	98014	56.187	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.380%
50) Toluene-d8	10.185	98	392115	53.597	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.200%
62) 4-Bromofluorobenzene	12.483	95	85455	35.273	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	70.540%
Target Compounds						
17) Carbon Disulfide	4.204	76	12646	2.529	ug/l	Qvalue 98

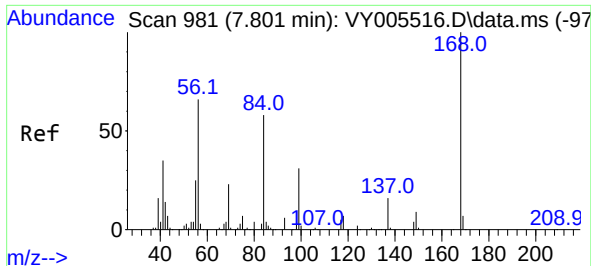
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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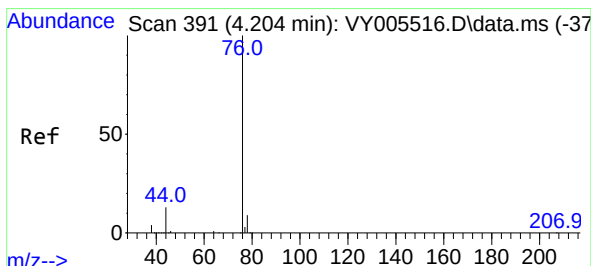
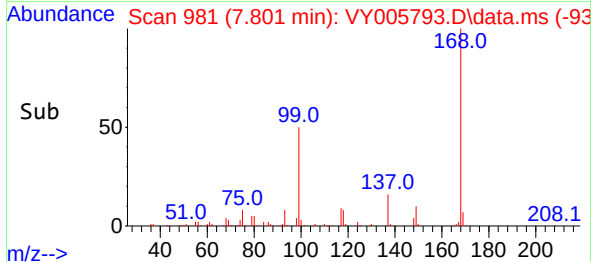
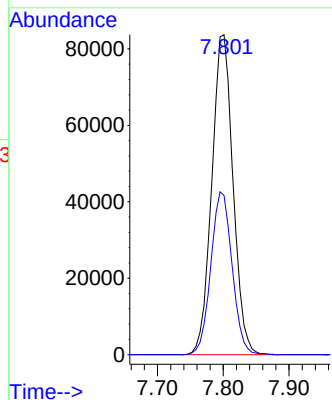
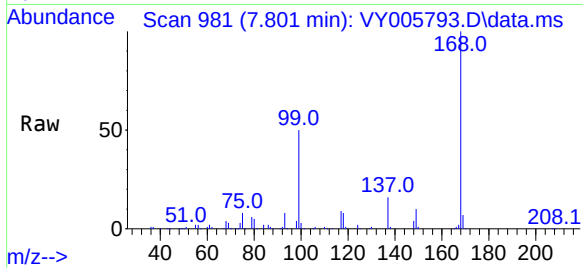




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005793.D
Acq: 20 Aug 2021 15:18

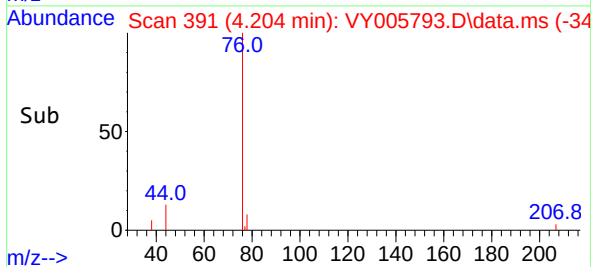
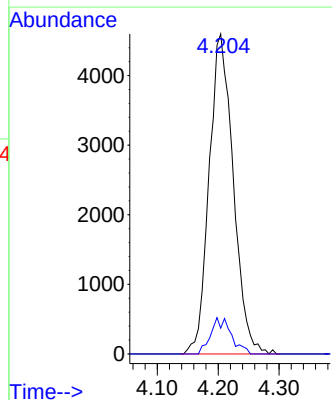
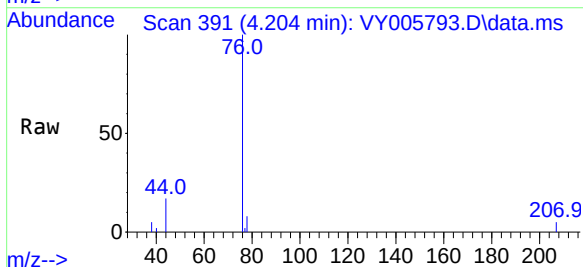
Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-4-(177.00)-VOC-GRAB

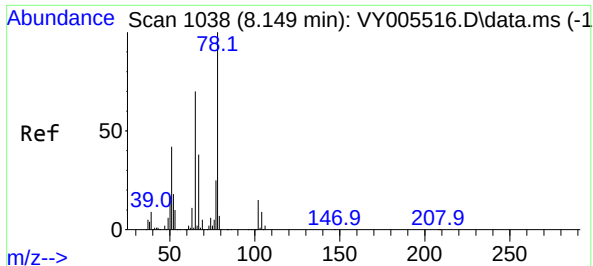
Tgt Ion:168 Resp: 188246
Ion Ratio Lower Upper
168 100
99 49.7 38.9 58.3



#17
Carbon Disulfide
Concen: 2.529 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY005793.D
Acq: 20 Aug 2021 15:18

Tgt Ion: 76 Resp: 12646
Ion Ratio Lower Upper
76 100
78 8.1 7.0 10.6

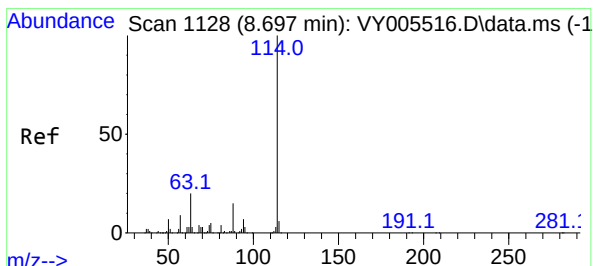
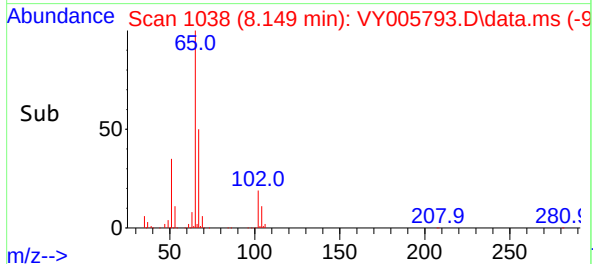
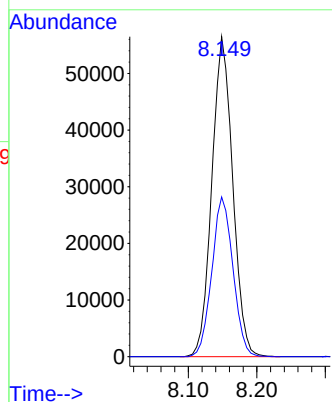
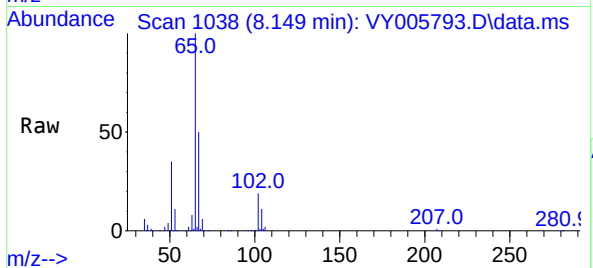




#33
1,2-Dichloroethane-d4
Concen: 62.686 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005793.D
Acq: 20 Aug 2021 15:18

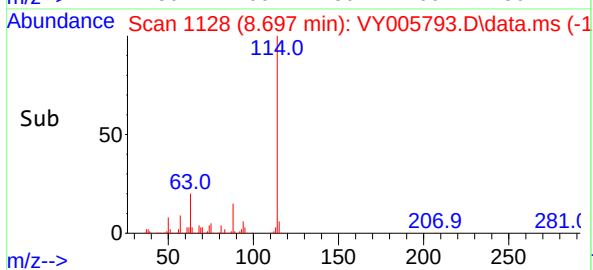
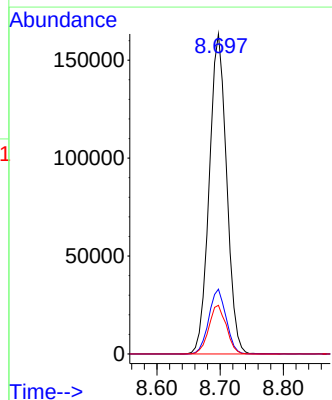
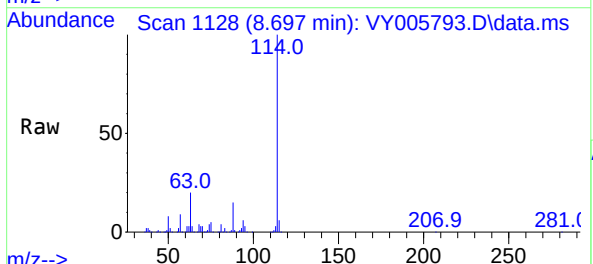
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MSVOA_Y
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SAMPLE-4-(177.00)-VOC-GRAB

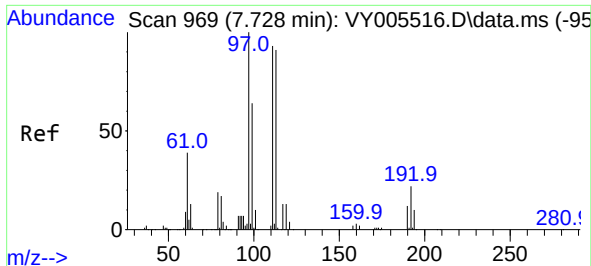
Tgt Ion: 65 Resp: 119450
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005793.D
Acq: 20 Aug 2021 15:18

Tgt Ion: 114 Resp: 311574
Ion Ratio Lower Upper
114 100
63 20.3 0.0 39.2
88 15.2 0.0 30.8

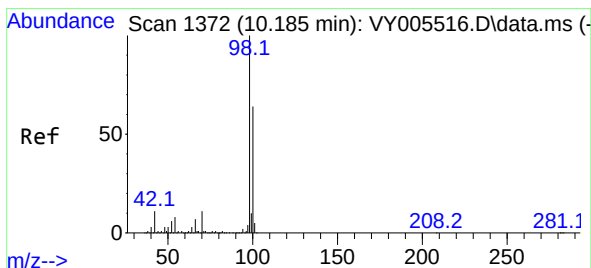
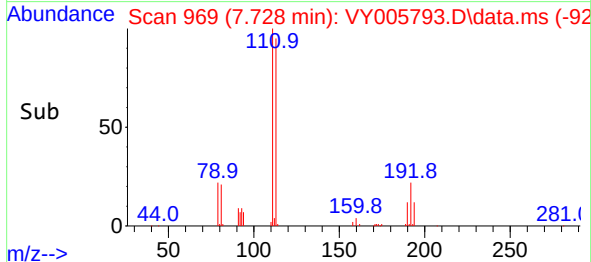
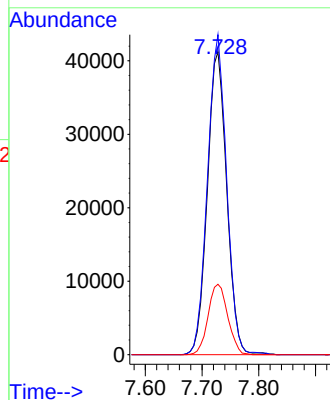
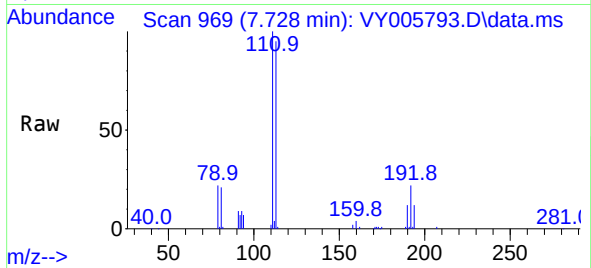




#35
Dibromofluoromethane
Concen: 56.187 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005793.D
Acq: 20 Aug 2021 15:18

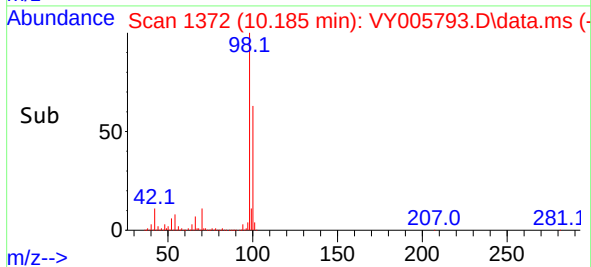
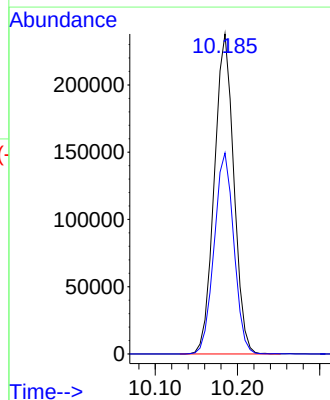
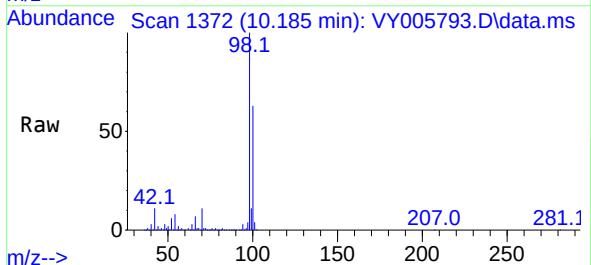
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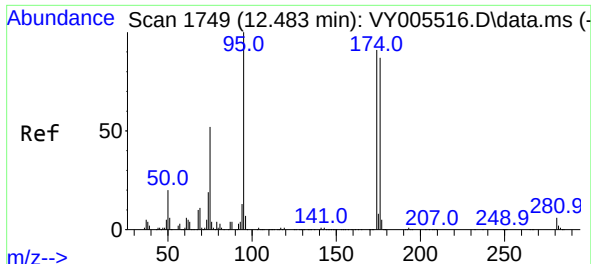
Tgt Ion:	113	Resp:	98014
Ion	Ratio	Lower	Upper
113	100		
111	104.3	81.9	122.9
192	23.5	19.2	28.8



#50
Toluene-d8
Concen: 53.597 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005793.D
Acq: 20 Aug 2021 15:18

Tgt Ion:	98	Resp:	392115
Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.3	76.9

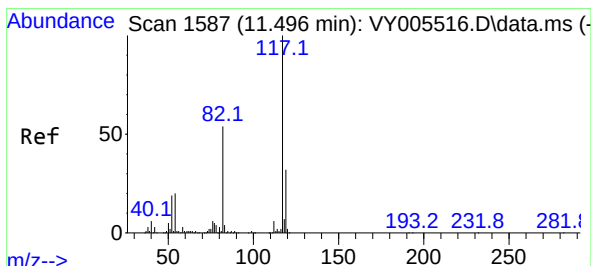
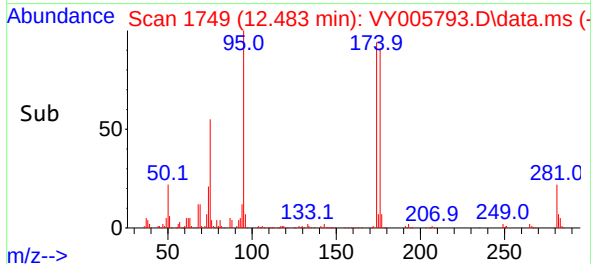
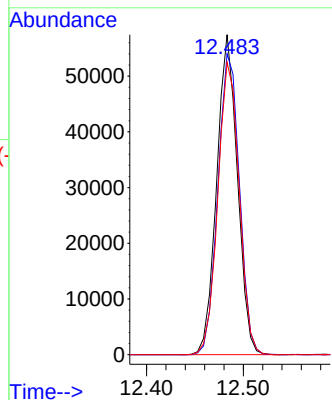
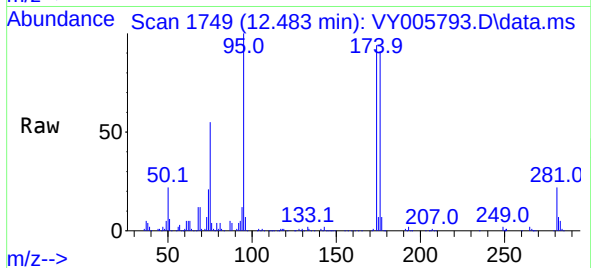




#62
4-Bromofluorobenzene
Concen: 35.273 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005793.D
Acq: 20 Aug 2021 15:18

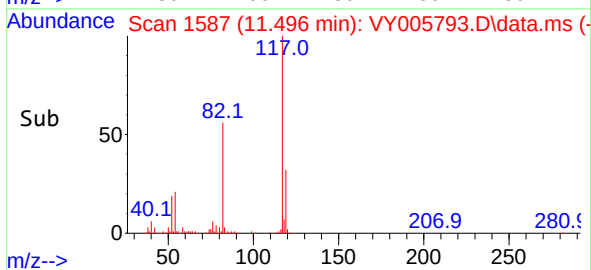
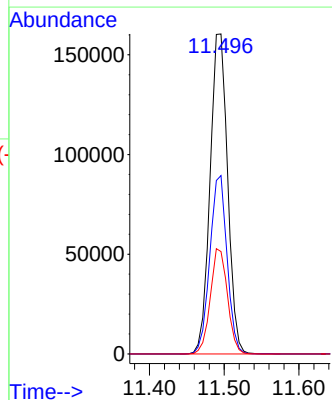
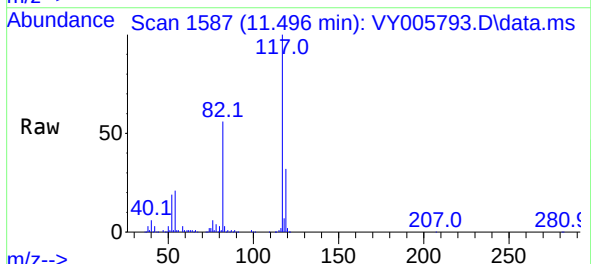
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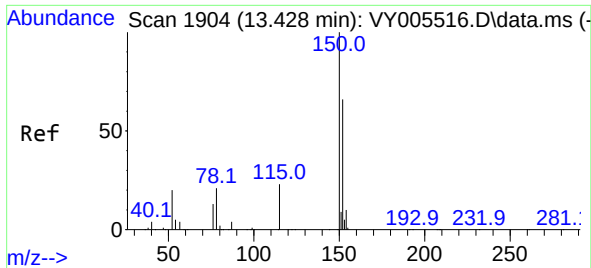
Tgt Ion:	95	Resp:	85455
Ion Ratio	Lower	Upper	
95	100		
174	97.6	0.0	191.4
176	93.9	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005793.D
Acq: 20 Aug 2021 15:18

Tgt Ion:	117	Resp:	261541
Ion Ratio	Lower	Upper	
117	100		
82	55.7	43.5	65.3
119	32.0	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: VY005793.D
 Acq: 20 Aug 2021 15:18

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Tgt Ion:152 Resp: 74985
 Ion Ratio Lower Upper
 152 100
 115 53.3 27.3 81.9
 150 155.2 0.0 350.2

