

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070721\
 Data File : VY005376.D
 Acq On : 07 Jul 2021 19:37
 Operator : SY/MD
 Sample : M2947-08
 Misc : 7.24G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-PILE-8

Quant Time: Jul 08 02:07:38 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)

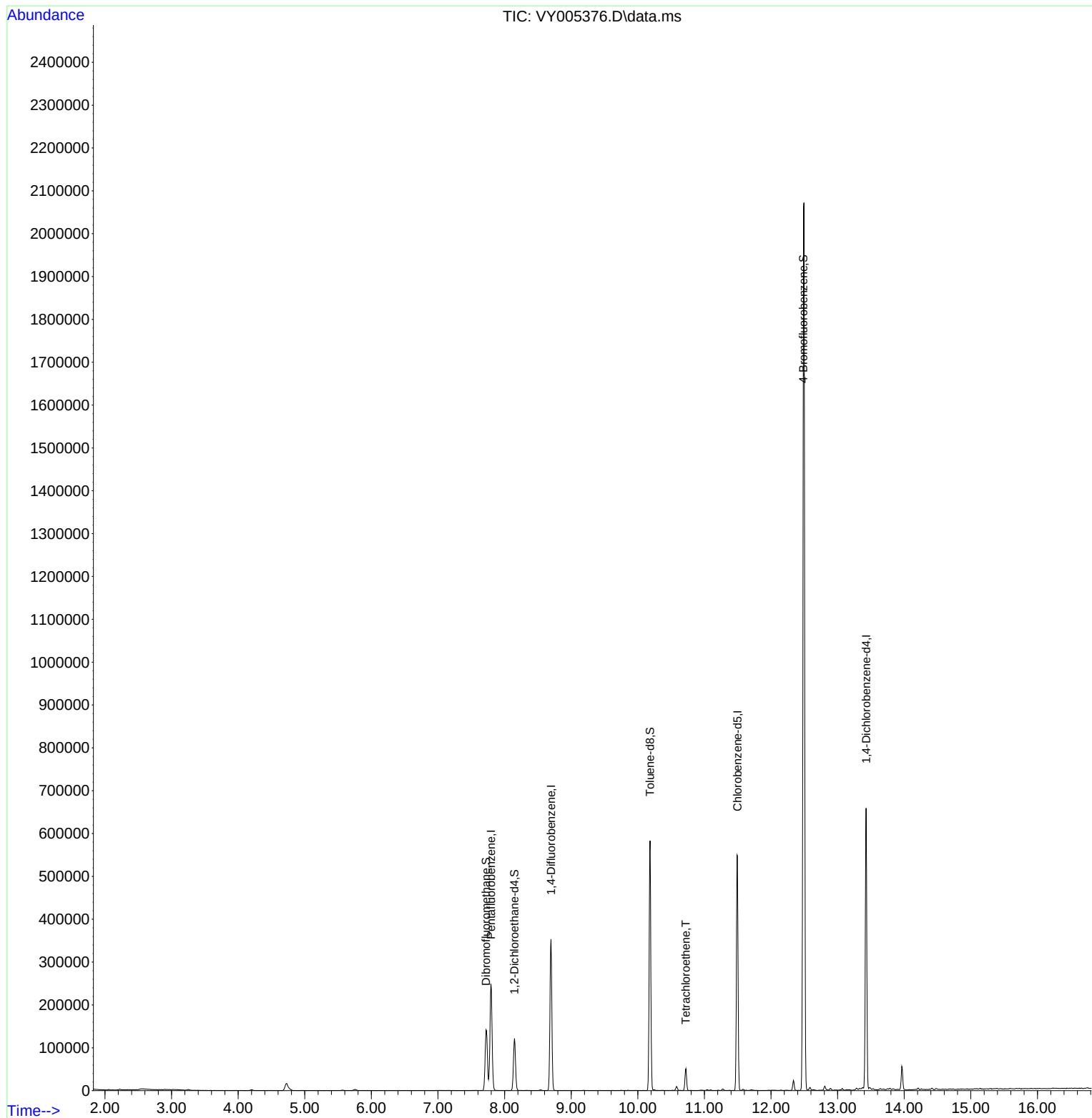
Internal Standards						
1) Pentafluorobenzene	7.795	168	234408	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	350160	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	359915	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	200311	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	93289	47.957	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.920%
35) Dibromofluoromethane	7.722	113	101792	49.292	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.580%
50) Toluene-d8	10.185	98	412826	49.988	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.980%
62) 4-Bromofluorobenzene	12.483	95	155508	56.508	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	113.020%
Target Compounds						
64) Tetrachloroethene	10.721	164	12576	4.735	ug/l	Qvalue 92

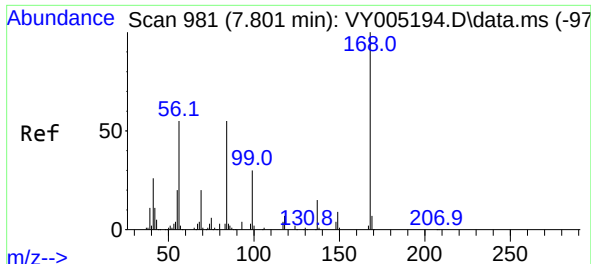
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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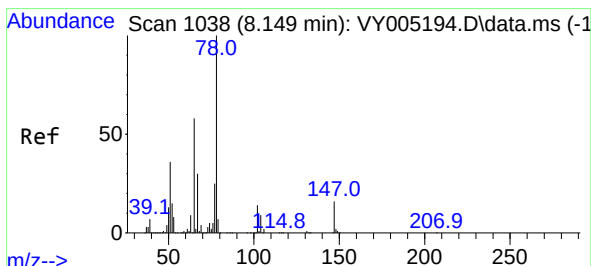
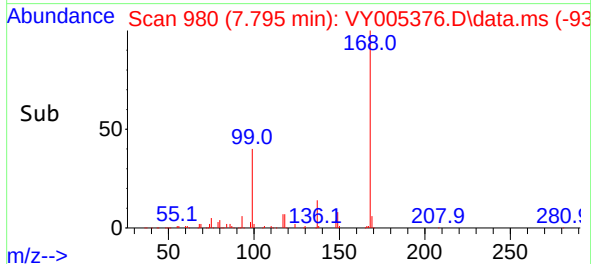
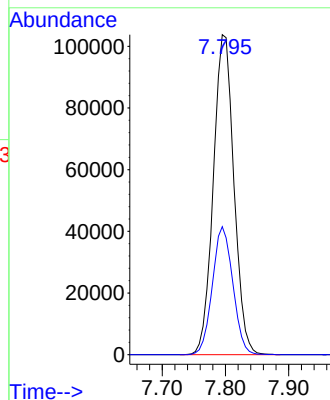
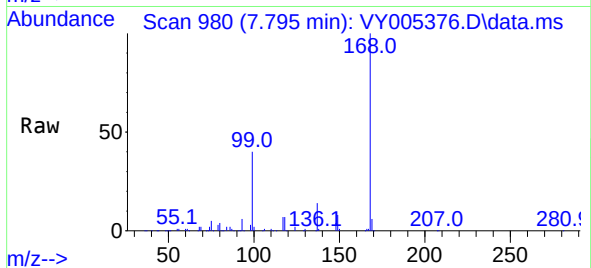




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005376.D
Acq: 07 Jul 2021 19:37

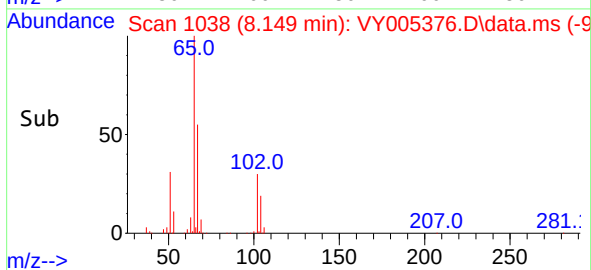
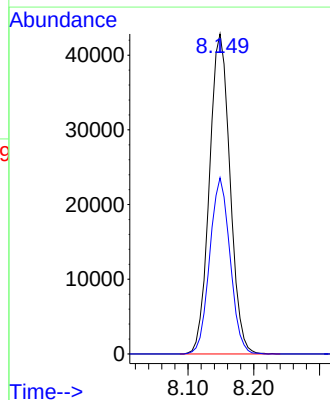
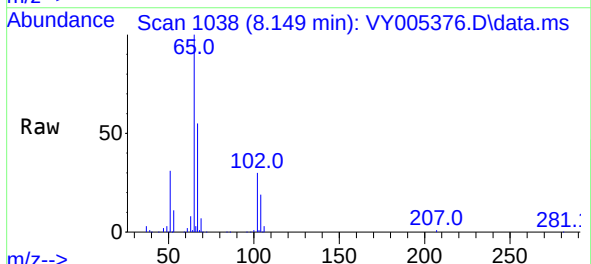
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE-8

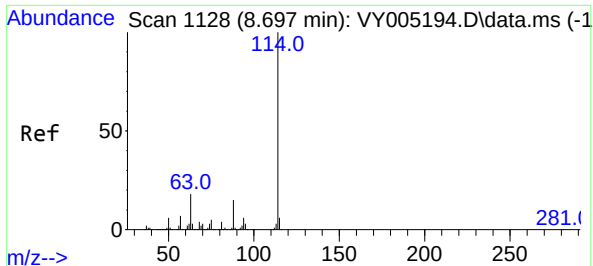
Tgt Ion:168 Resp: 234408
Ion Ratio Lower Upper
168 100
99 40.0 36.2 54.4



#33
1,2-Dichloroethane-d4
Concen: 47.957 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005376.D
Acq: 07 Jul 2021 19:37

Tgt Ion: 65 Resp: 93289
Ion Ratio Lower Upper
65 100
67 54.3 0.0 110.6

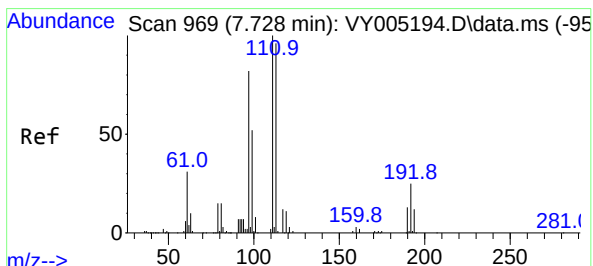
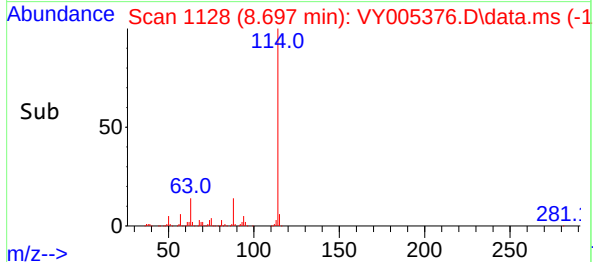
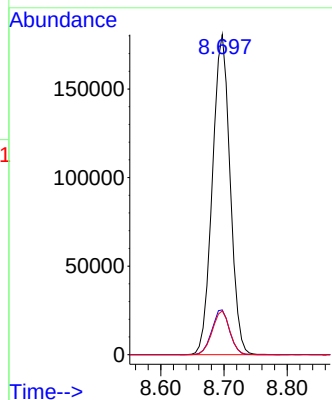
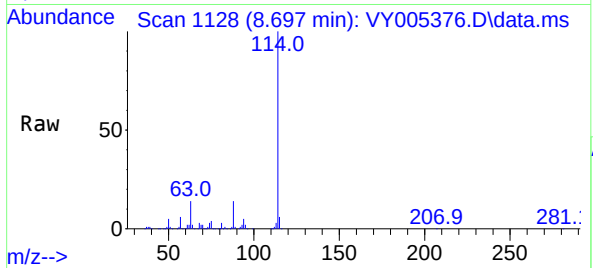




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005376.D
Acq: 07 Jul 2021 19:37

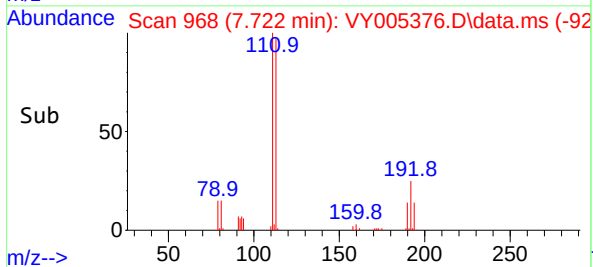
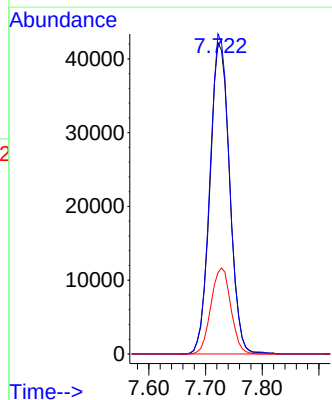
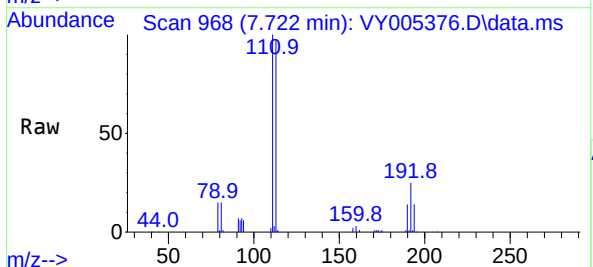
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE-8

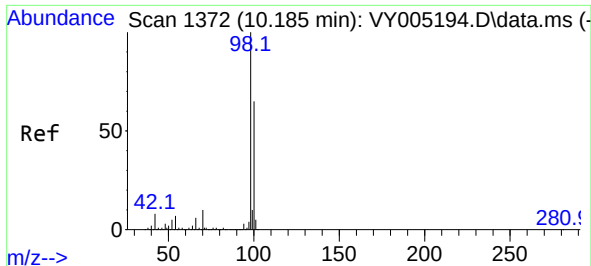
Tgt Ion:114 Resp: 350160
Ion Ratio Lower Upper
114 100
63 14.0 0.0 35.2
88 13.7 0.0 29.4



#35
Dibromofluoromethane
Concen: 49.292 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005376.D
Acq: 07 Jul 2021 19:37

Tgt Ion:113 Resp: 101792
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 27.8 20.2 30.2

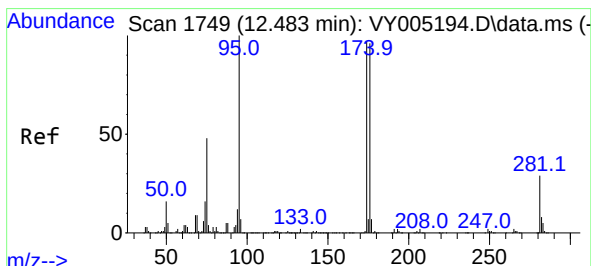
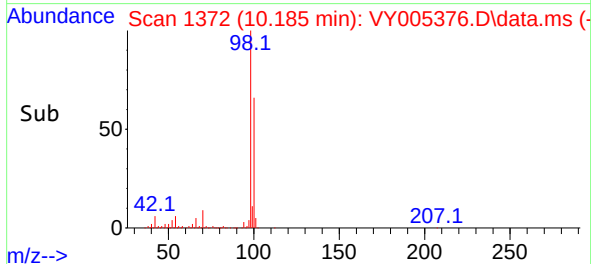
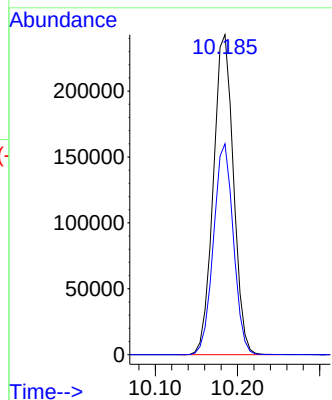
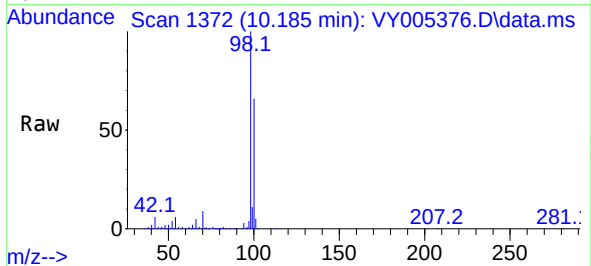




#50
Toluene-d8
Concen: 49.988 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005376.D
Acq: 07 Jul 2021 19:37

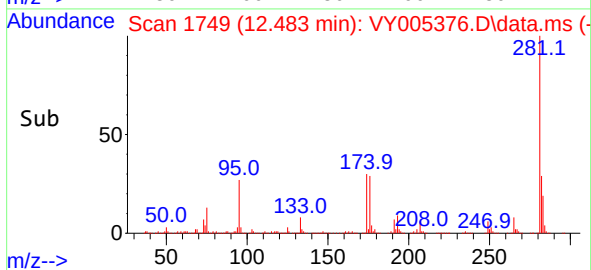
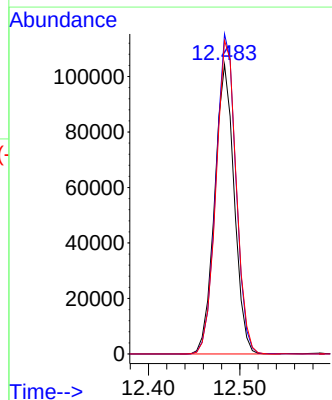
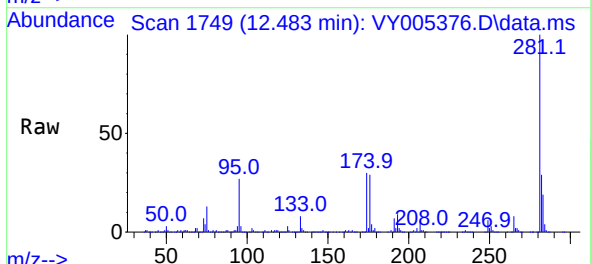
Instrument :
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ClientSampleId :
SOIL-PILE-8

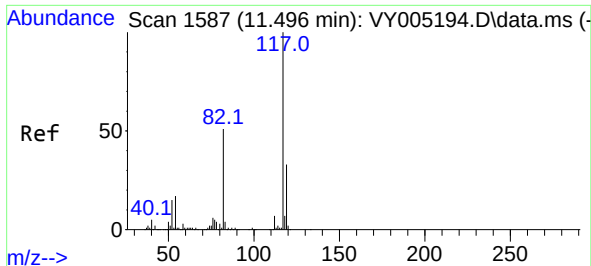
Tgt Ion: 98 Resp: 412826
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 56.508 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005376.D
Acq: 07 Jul 2021 19:37

Tgt Ion: 95 Resp: 155508
Ion Ratio Lower Upper
95 100
174 111.9 0.0 201.6
176 111.1 0.0 197.4

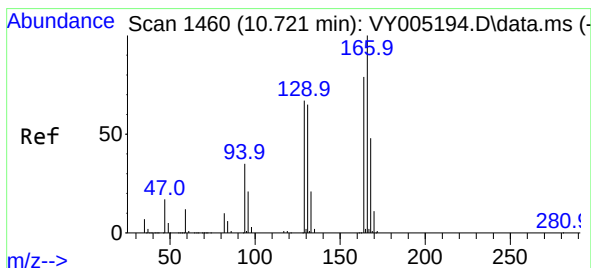
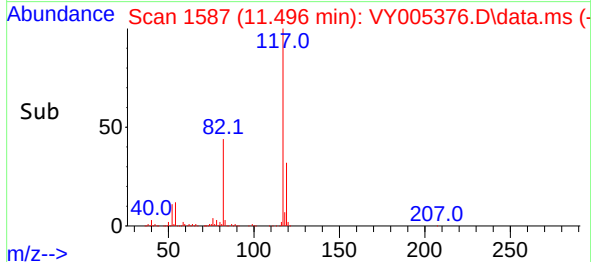
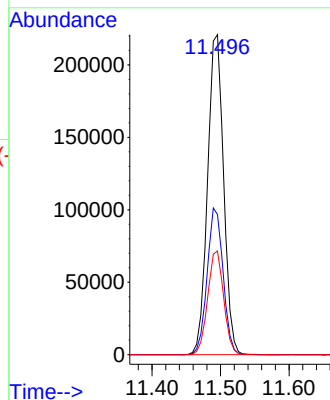
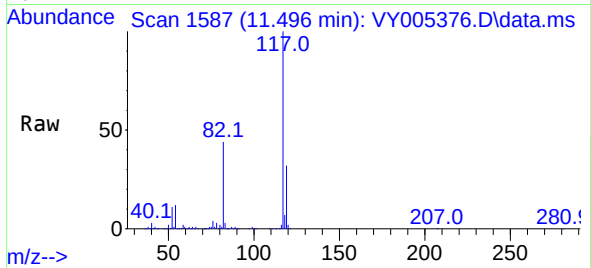




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005376.D
Acq: 07 Jul 2021 19:37

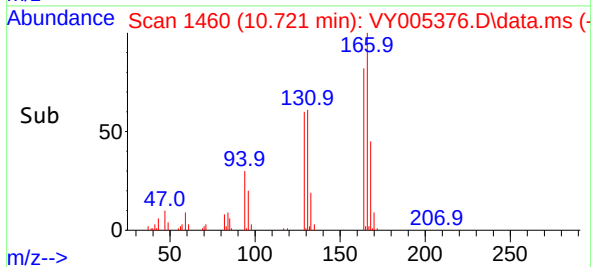
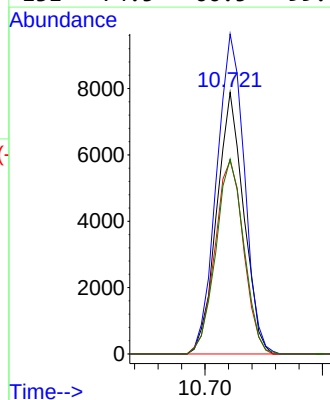
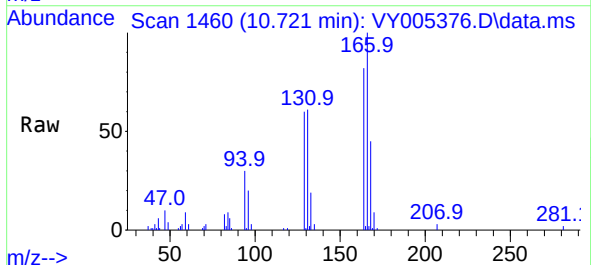
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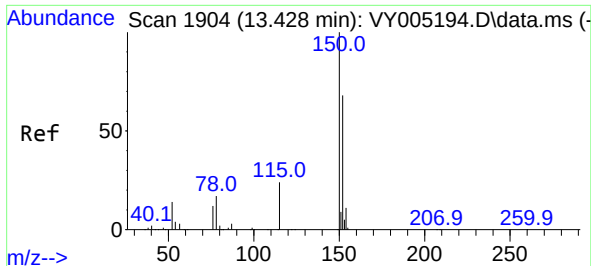
Tgt Ion:	117	Resp:	359915
Ion	Ratio	Lower	Upper
117	100		
82	43.8	40.6	60.8
119	32.4	26.1	39.1



#64
Tetrachloroethene
Concen: 4.735 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY005376.D
Acq: 07 Jul 2021 19:37

Tgt Ion:	164	Resp:	12576
Ion	Ratio	Lower	Upper
164	100		
166	122.3	101.6	152.4
129	74.0	67.6	101.4
131	74.5	66.5	99.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005376.D
 Acq: 07 Jul 2021 19:37

Instrument :
 MSVOA_Y
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Tgt Ion:152 Resp: 200311
 Ion Ratio Lower Upper
 152 100
 115 50.0 26.3 78.8
 150 155.8 0.0 344.2

