

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100421\
 Data File : VY006294.D
 Acq On : 04 Oct 2021 22:11
 Operator : SY/MD
 Sample : M4047-01
 Misc : 10.39G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 149-ENV-1-GRAB

Quant Time: Oct 05 06:39:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

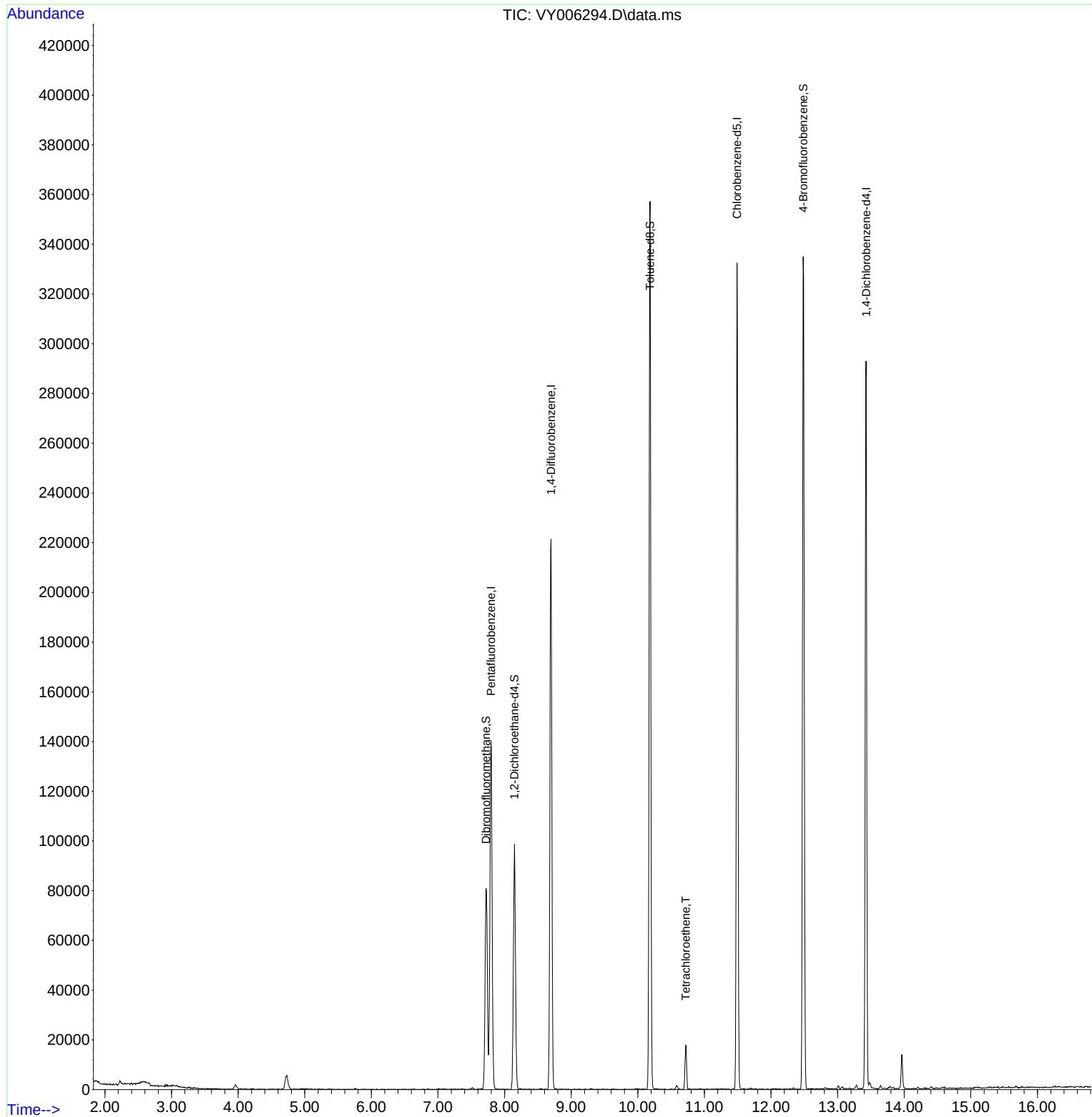
Internal Standards						
1) Pentafluorobenzene	7.795	168	109178	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	182124	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	169931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74542	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	79271	67.84	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.68%
35) Dibromofluoromethane	7.722	113	54619	56.13	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.26%
50) Toluene-d8	10.185	98	227877	55.96	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.92%
62) 4-Bromofluorobenzene	12.483	95	70481	50.95	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.90%
Target Compounds						
64) Tetrachloroethene	10.721	164	3801	2.78	ug/l	Qvalue 90

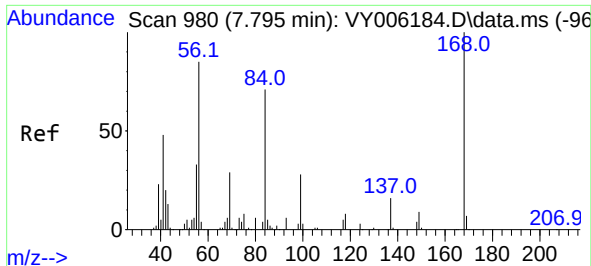
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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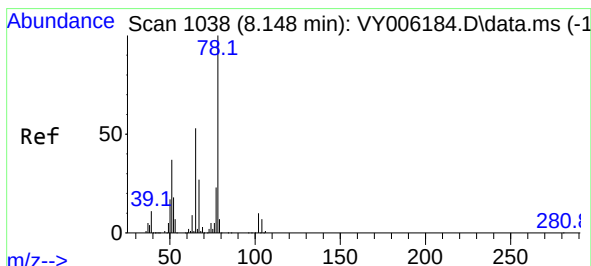
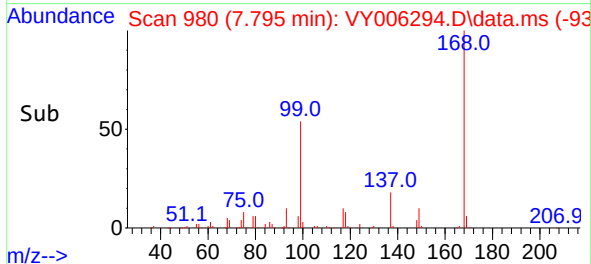
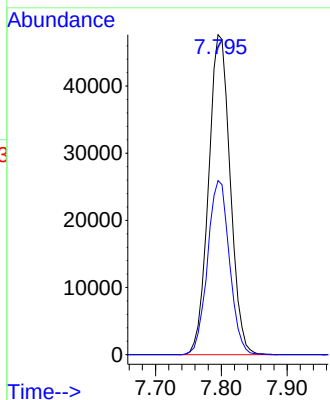
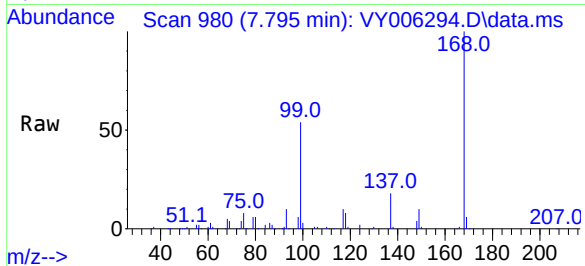




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006294.D
Acq: 04 Oct 2021 22:11

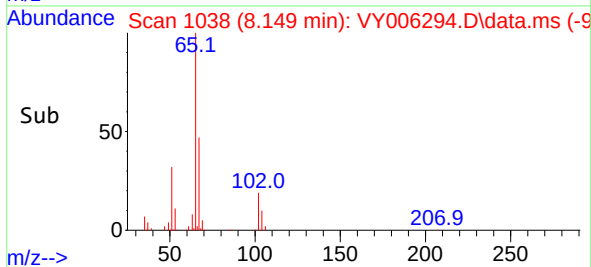
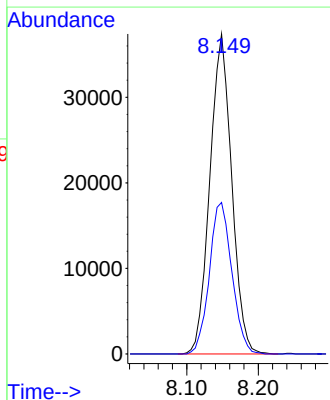
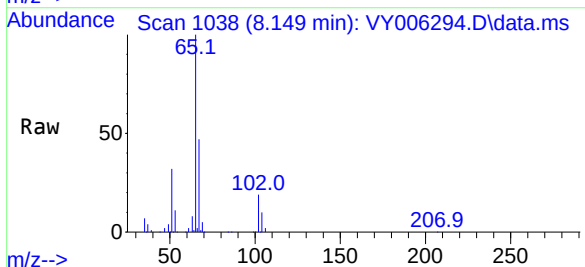
Instrument :
MSVOA_Y
ClientSampleId :
149-ENV-1-GRAB

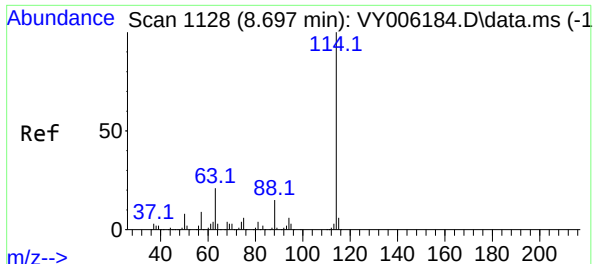
Tgt Ion:168 Resp: 109178
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 67.84 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006294.D
Acq: 04 Oct 2021 22:11

Tgt Ion: 65 Resp: 79271
Ion Ratio Lower Upper
65 100
67 48.9 0.0 99.4

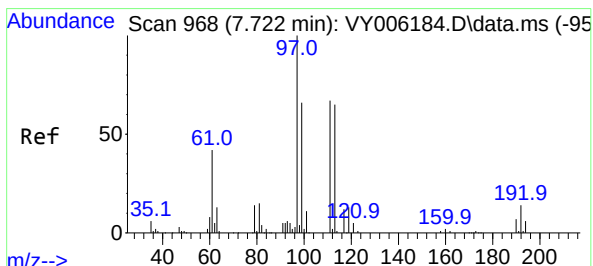
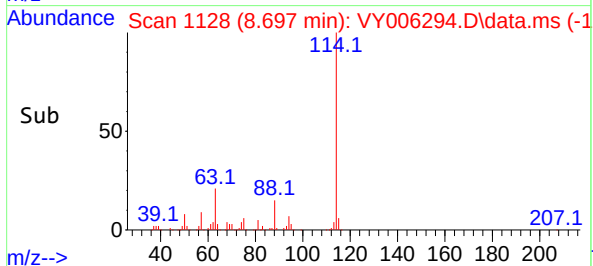
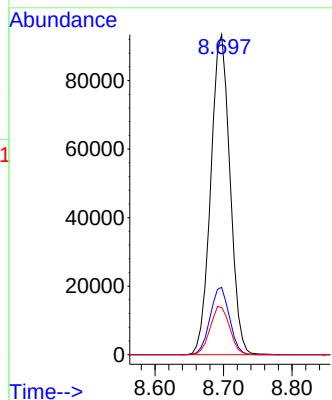
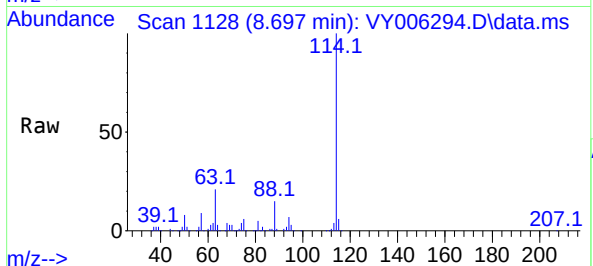




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006294.D
Acq: 04 Oct 2021 22:11

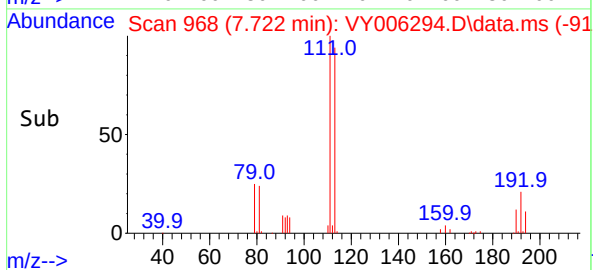
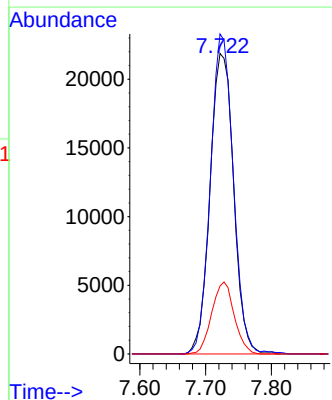
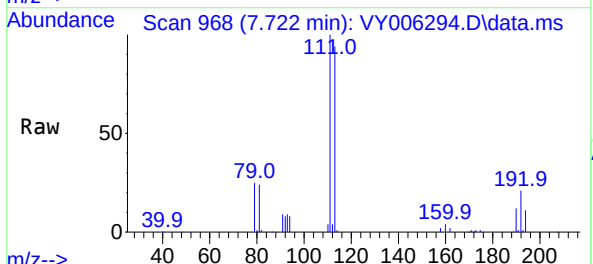
Instrument :
MSVOA_Y
ClientSampleId :
149-ENV-1-GRAB

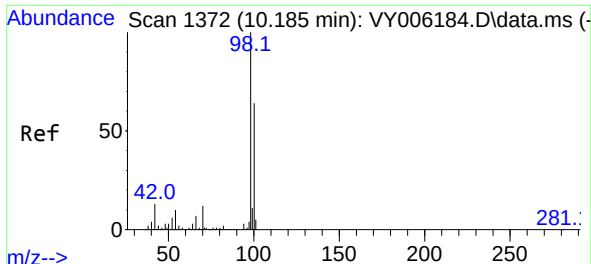
Tgt Ion:	114	Resp:	182124
Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	43.2
88	14.8	0.0	31.8



#35
Dibromofluoromethane
Concen: 56.13 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006294.D
Acq: 04 Oct 2021 22:11

Tgt Ion:	113	Resp:	54619
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.6	124.0
192	22.8	17.6	26.4

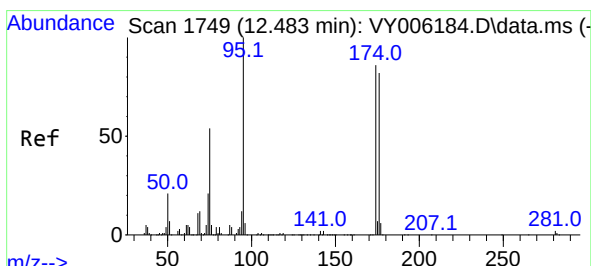
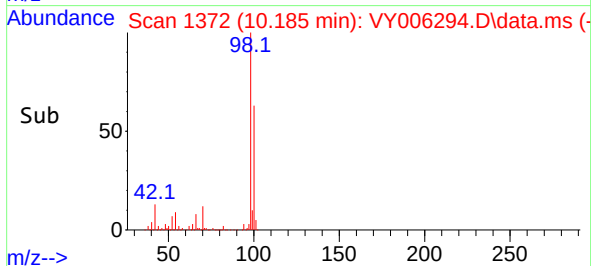
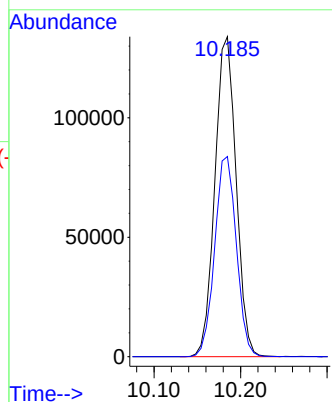
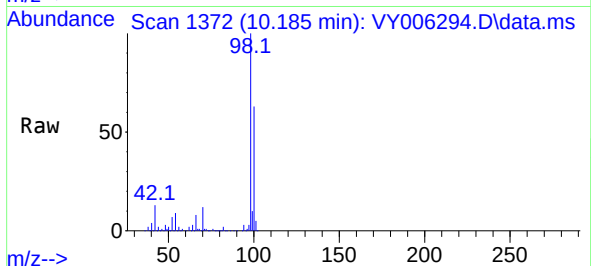




#50
Toluene-d8
Concen: 55.96 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006294.D
Acq: 04 Oct 2021 22:11

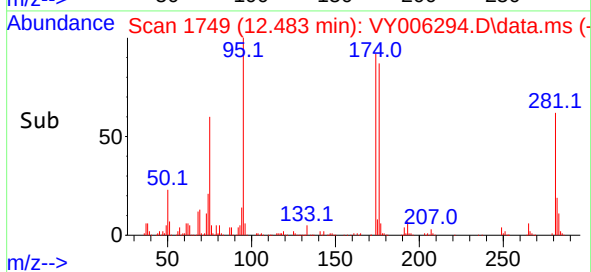
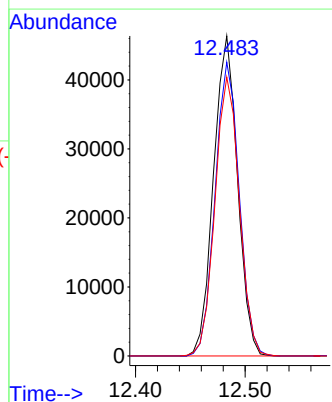
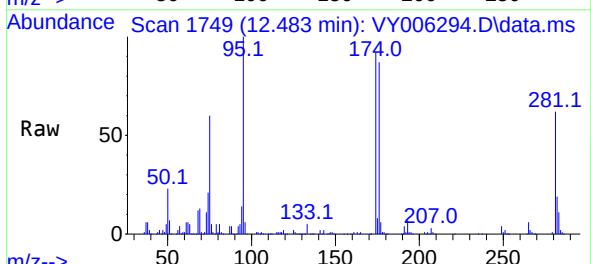
Instrument :
MSVOA_Y
ClientSampleId :
149-ENV-1-GRAB

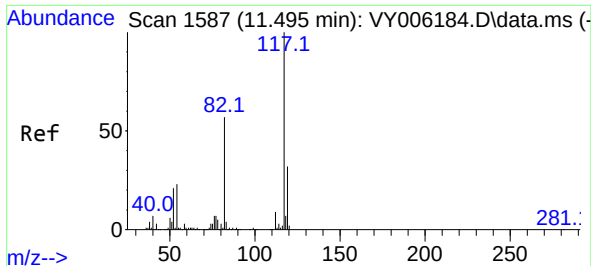
Tgt Ion: 98 Resp: 227877
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.95 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006294.D
Acq: 04 Oct 2021 22:11

Tgt Ion: 95 Resp: 70481
Ion Ratio Lower Upper
95 100
174 92.4 0.0 177.0
176 88.6 0.0 175.8

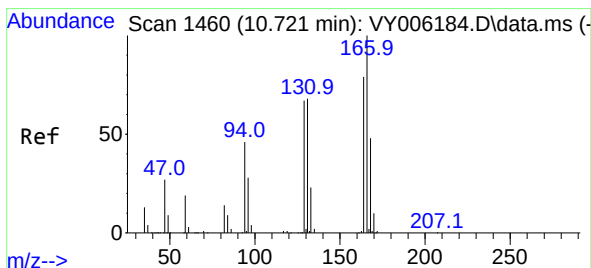
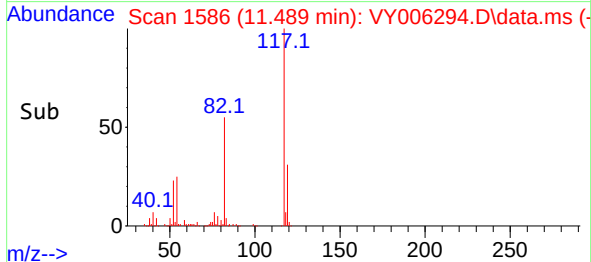
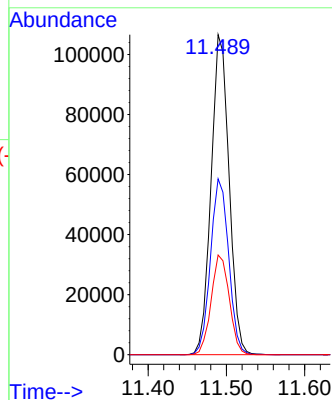
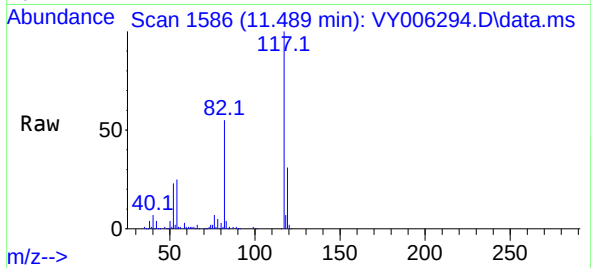




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006294.D
Acq: 04 Oct 2021 22:11

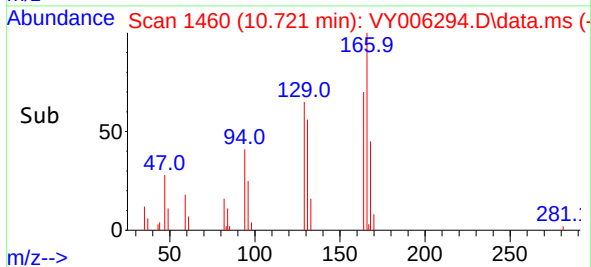
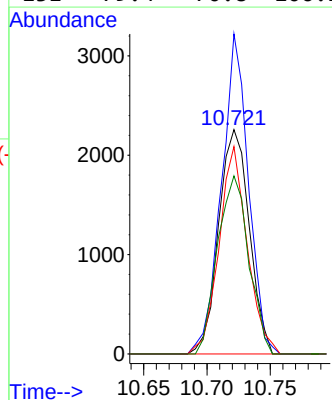
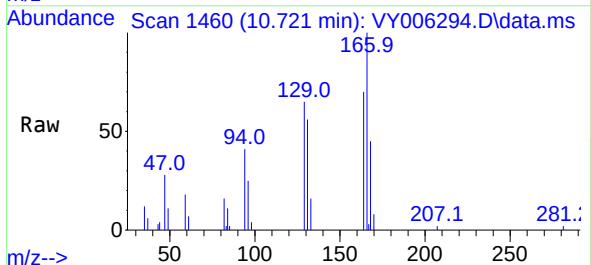
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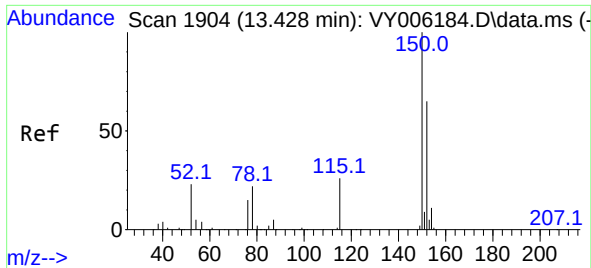
Tgt Ion:117	Resp: 169931
Ion Ratio	Lower Upper
117 100	
82 54.9	43.0 64.4
119 31.2	25.4 38.0



#64
Tetrachloroethene
Concen: 2.78 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY006294.D
Acq: 04 Oct 2021 22:11

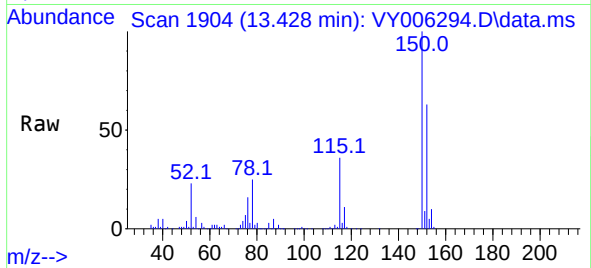
Tgt Ion:164	Resp: 3801
Ion Ratio	Lower Upper
164 100	
166 142.6	100.4 150.6
129 92.4	71.4 107.0
131 79.4	70.8 106.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006294.D
 Acq: 04 Oct 2021 22:11

Instrument :
 MSVOA_Y
 ClientSampleId :
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Tgt Ion:152 Resp: 74542
 Ion Ratio Lower Upper
 152 100
 115 56.8 28.2 84.7
 150 157.5 0.0 347.6

