

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD093021\
 Data File : VD070541.D
 Acq On : 30 Sep 2021 15:20
 Operator : VA/SY
 Sample : M3975-08
 Misc : 7.91G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-841-R-SO-6-6.5-092821

Quant Time: Oct 01 02:04:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

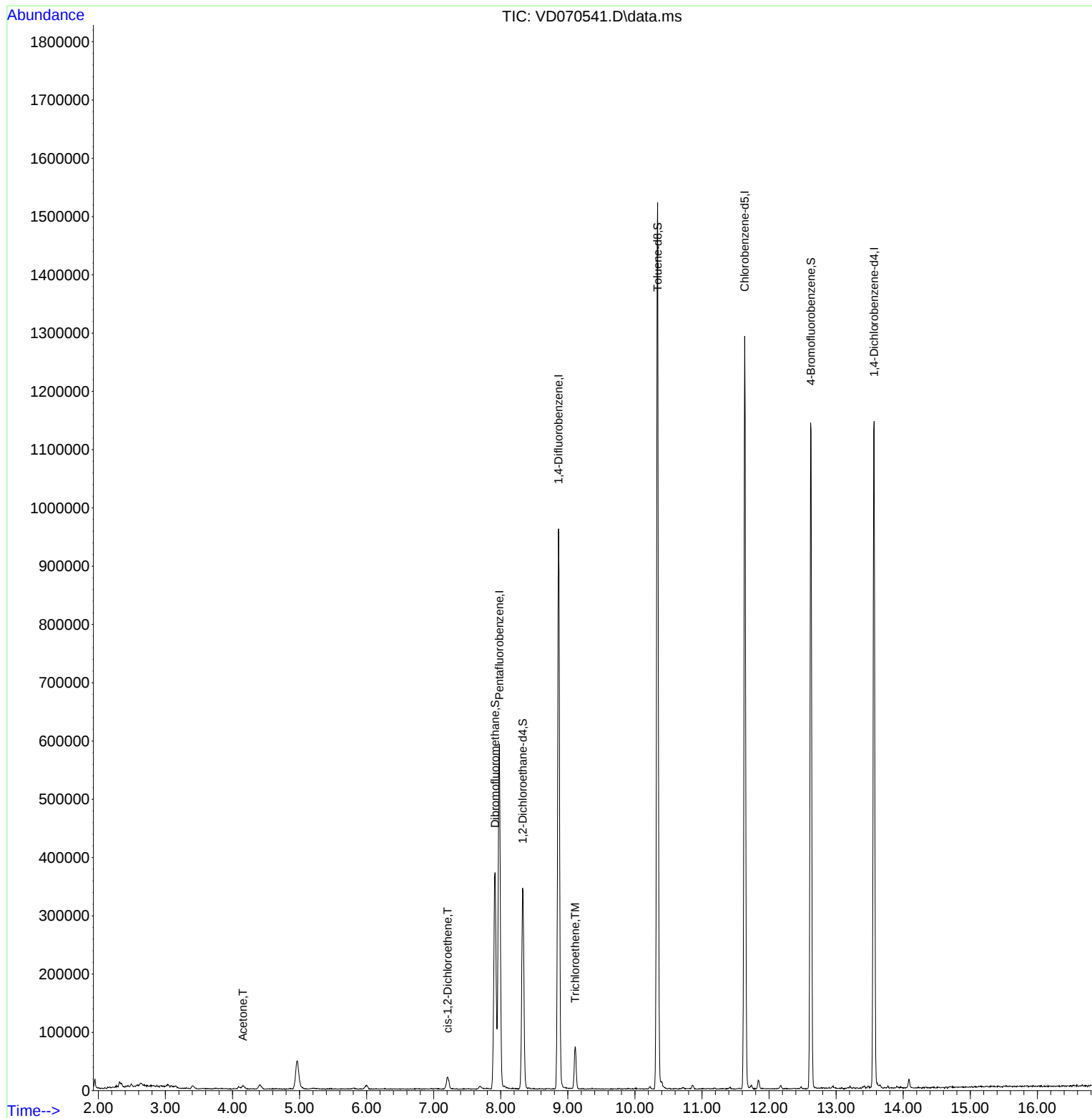
Internal Standards						
1) Pentafluorobenzene	7.979	168	406980	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	829661	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	757737	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	305903	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	272934	52.229	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.460%
35) Dibromofluoromethane	7.914	113	276715	46.856	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.720%
50) Toluene-d8	10.338	98	1064827	49.661	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.320%
62) 4-Bromofluorobenzene	12.626	95	329640	43.989	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.980%
Target Compounds						
						Qvalue
16) Acetone	4.156	43	9506	10.189	ug/l	# 79
27) cis-1,2-Dichloroethene	7.208	96	12118	2.000	ug/l	88
44) Trichloroethene	9.108	130	26723	4.303	ug/l	91

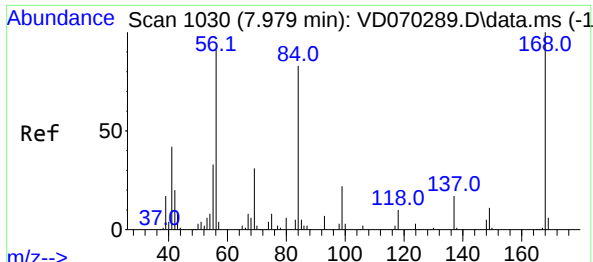
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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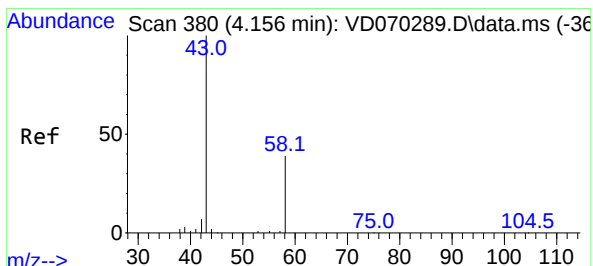
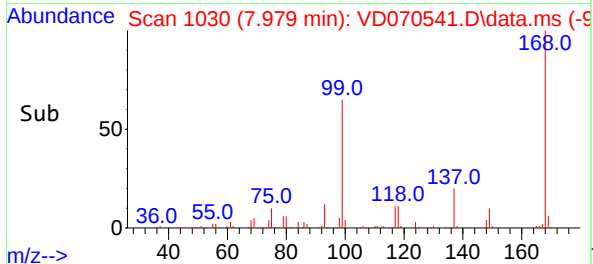
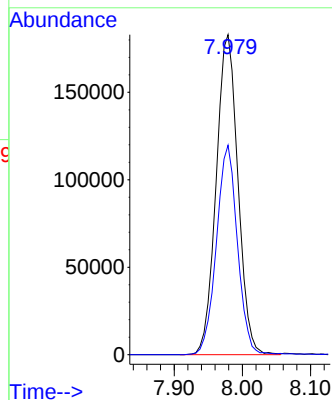
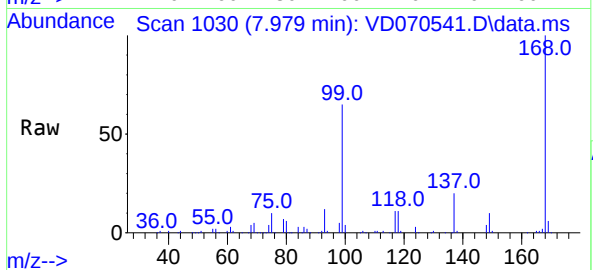




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070541.D
Acq: 30 Sep 2021 15:20

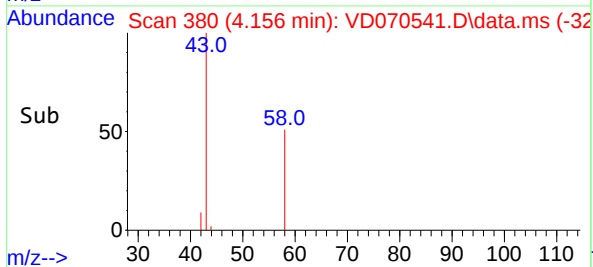
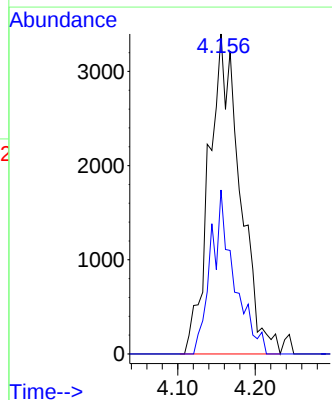
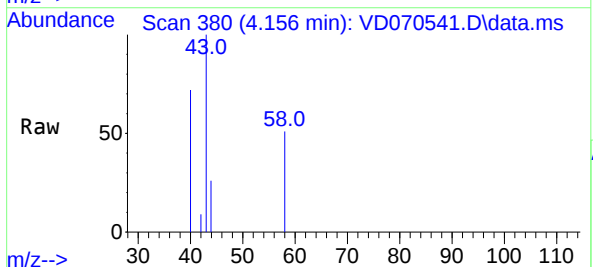
Instrument :
MSVOA_D
ClientSampleId :
S-841-R-SO-6-6.5-092821

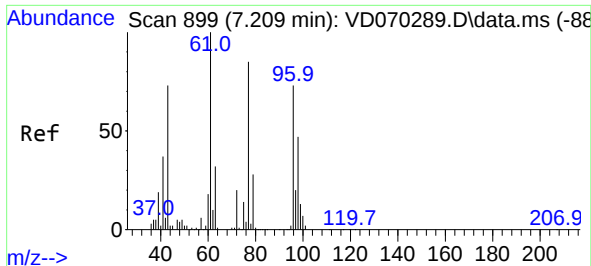
Tgt Ion:168 Resp: 406980
Ion Ratio Lower Upper
168 100
99 65.4 50.8 76.2



#16
Acetone
Concen: 10.189 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070541.D
Acq: 30 Sep 2021 15:20

Tgt Ion: 43 Resp: 9506
Ion Ratio Lower Upper
43 100
58 51.3 30.9 46.3#





#27

cis-1,2-Dichloroethene

Concen: 2.000 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.000 min

Lab File: VD070541.D

Acq: 30 Sep 2021 15:20

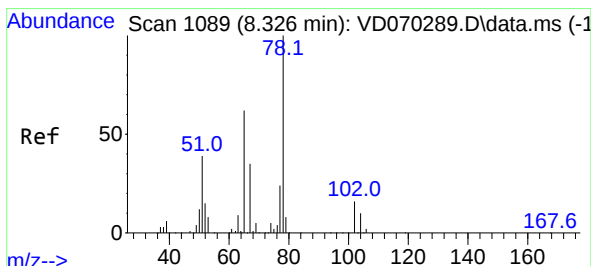
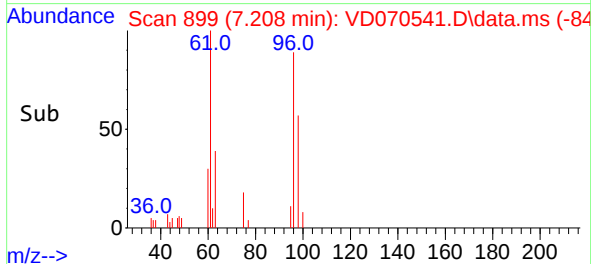
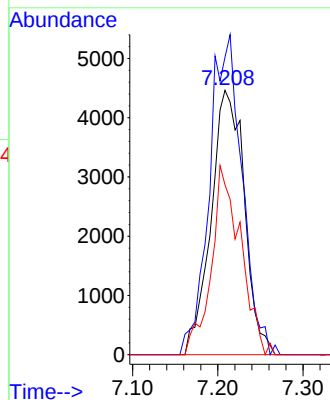
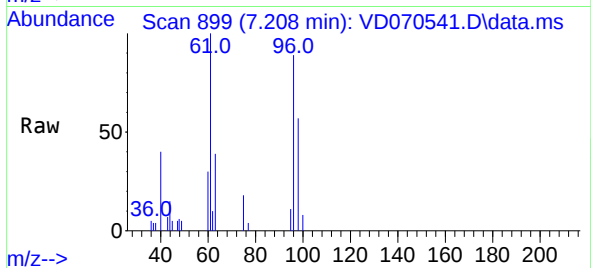
Instrument :

MSVOA_D

ClientSampleId :

S-841-R-SO-6-6.5-092821

Tgt Ion:	96	Resp:	12118
Ion	Ratio	Lower	Upper
96	100		
61	118.7	0.0	277.4
98	62.9	0.0	130.0



#33

1,2-Dichloroethane-d4

Concen: 52.229 ug/l

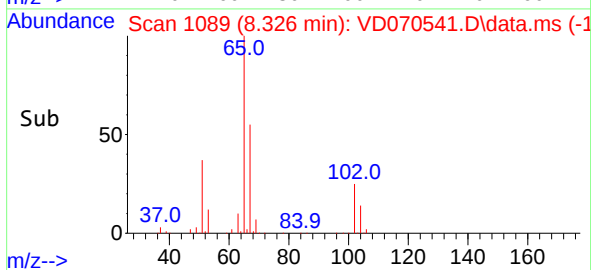
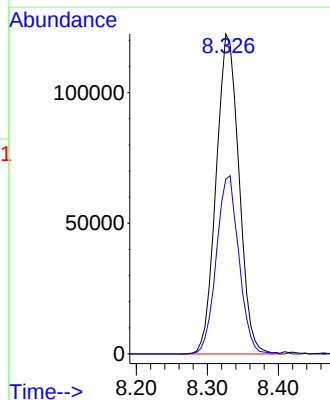
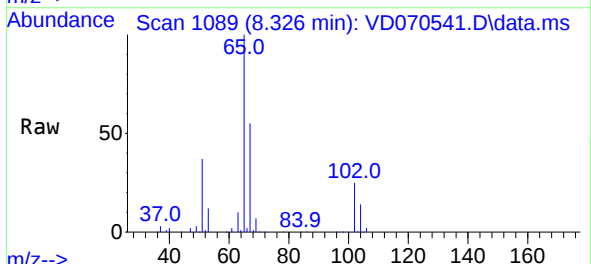
RT: 8.326 min Scan# 1089

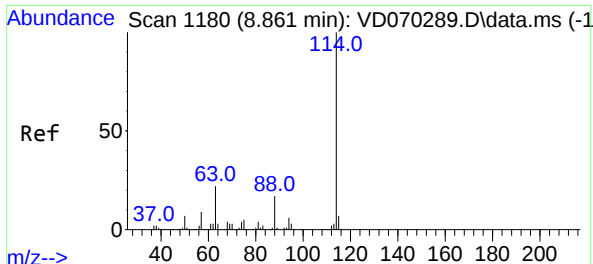
Delta R.T. -0.000 min

Lab File: VD070541.D

Acq: 30 Sep 2021 15:20

Tgt Ion:	65	Resp:	272934
Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	111.4



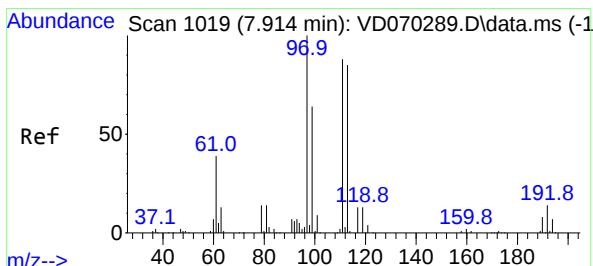
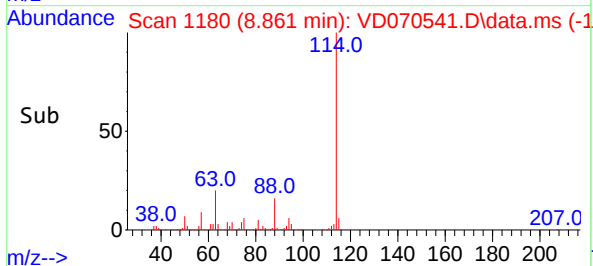
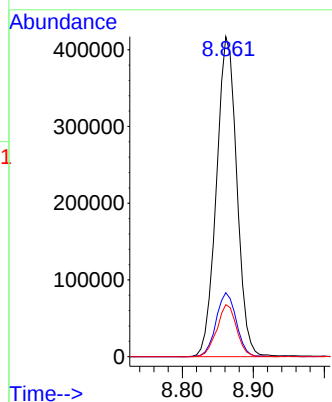
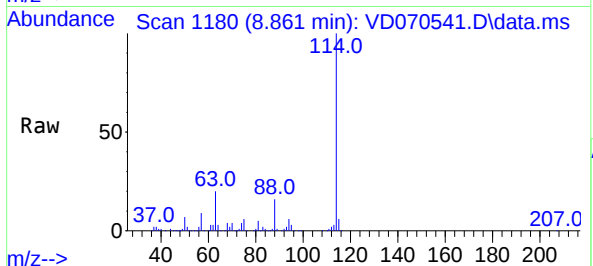


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070541.D
Acq: 30 Sep 2021 15:20

Instrument :
MSVOA_D
ClientSampleId :
S-841-R-SO-6-6.5-092821

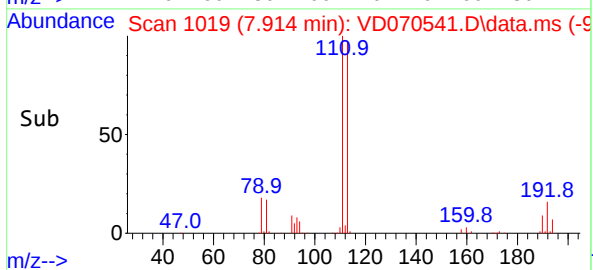
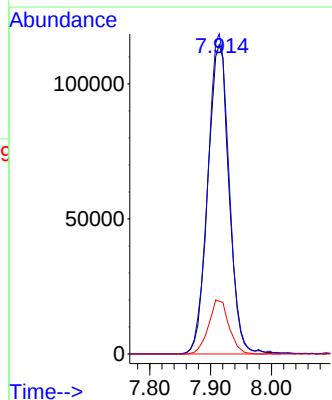
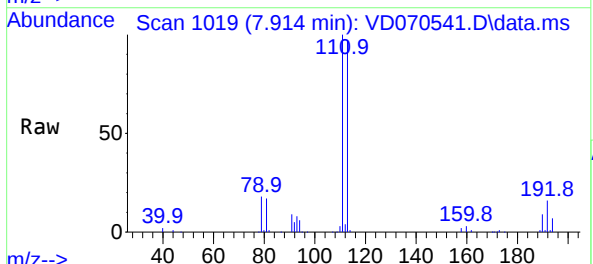
Tgt Ion:	114	Resp:	829661
Ion Ratio	Lower	Upper	
114	100		
63	20.0	0.0	43.4
88	16.3	0.0	33.4

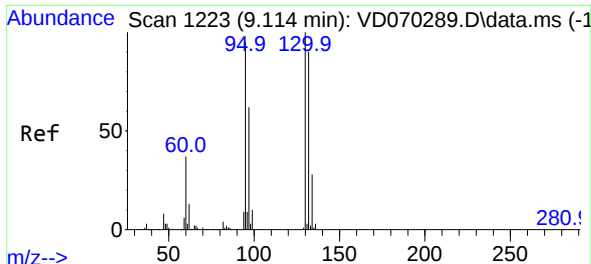


#35

Dibromofluoromethane
Concen: 46.856 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070541.D
Acq: 30 Sep 2021 15:20

Tgt Ion:	113	Resp:	276715
Ion Ratio	Lower	Upper	
113	100		
111	104.3	81.4	122.2
192	16.8	13.0	19.6

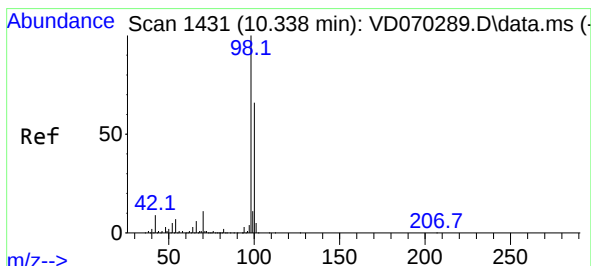
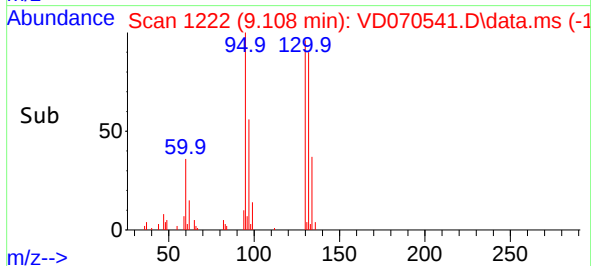
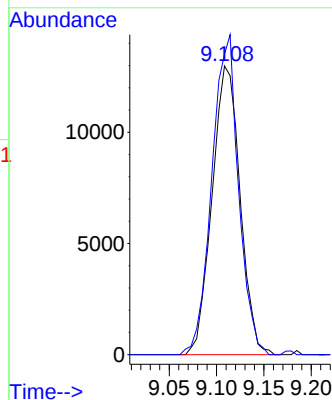
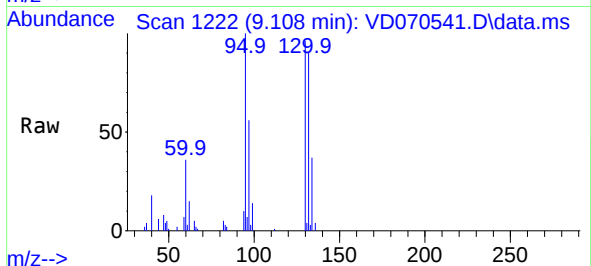




#44
Trichloroethene
Concen: 4.303 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD070541.D
Acq: 30 Sep 2021 15:20

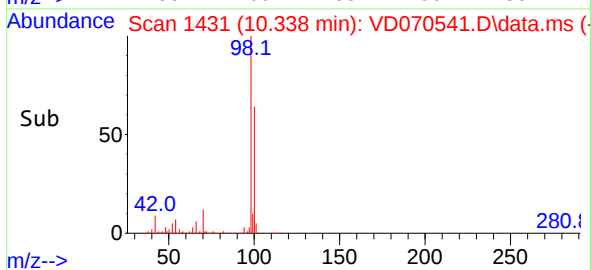
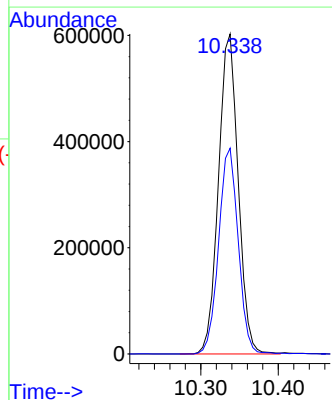
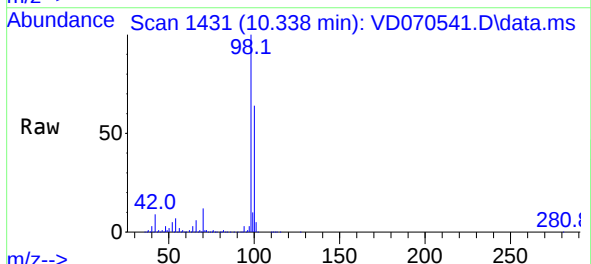
Instrument :
MSVOA_D
ClientSampleId :
S-841-R-SO-6-6.5-092821

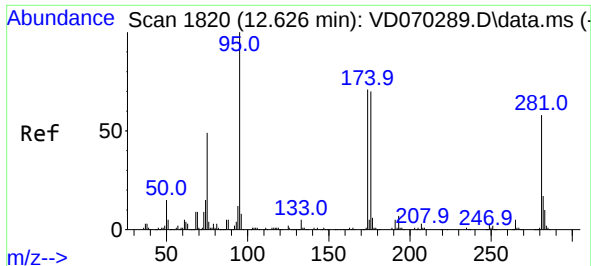
Tgt Ion:130 Resp: 26723
Ion Ratio Lower Upper
130 100
95 104.1 0.0 190.0



#50
Toluene-d8
Concen: 49.661 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070541.D
Acq: 30 Sep 2021 15:20

Tgt Ion: 98 Resp: 1064827
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0

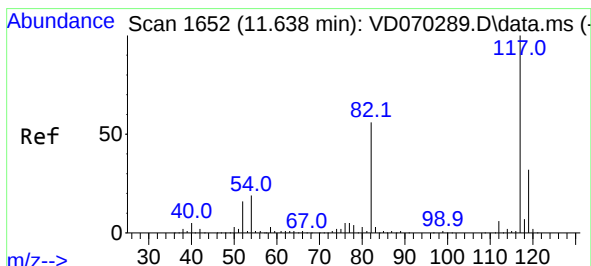
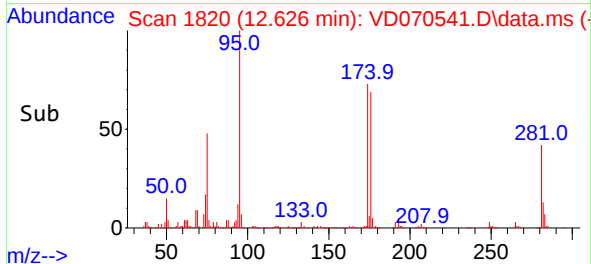
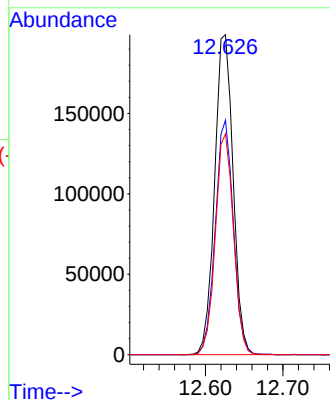
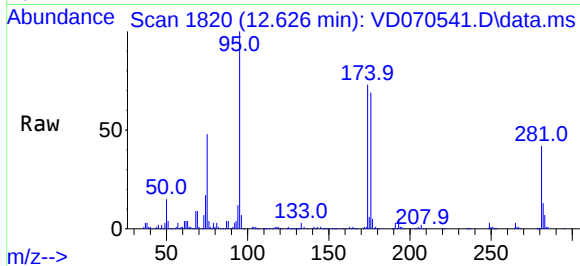




#62
4-Bromofluorobenzene
Concen: 43.989 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070541.D
Acq: 30 Sep 2021 15:20

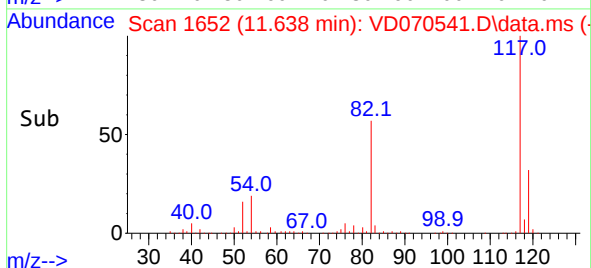
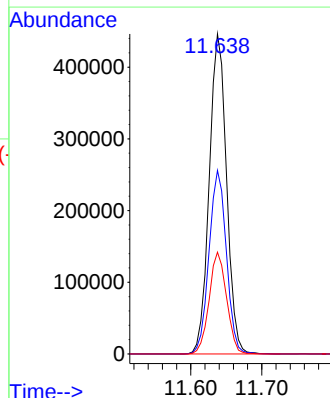
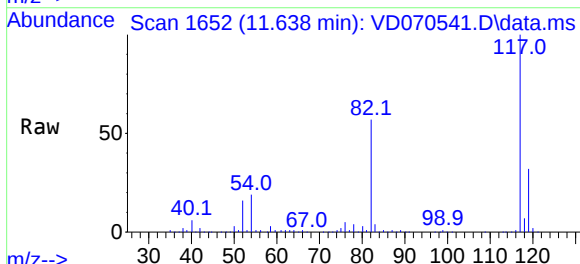
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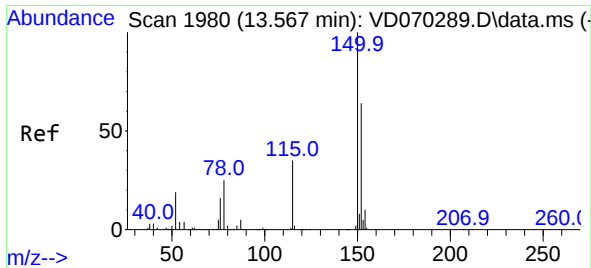
Tgt Ion: 95 Resp: 329640
Ion Ratio Lower Upper
95 100
174 71.9 0.0 140.6
176 67.7 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070541.D
Acq: 30 Sep 2021 15:20

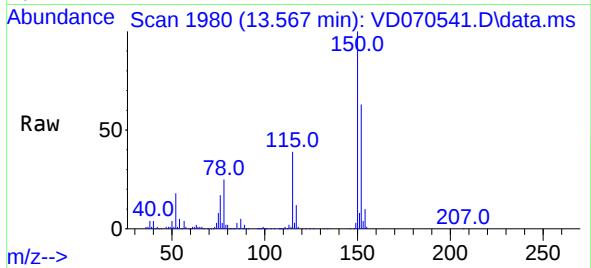
Tgt Ion: 117 Resp: 757737
Ion Ratio Lower Upper
117 100
82 57.4 45.0 67.4
119 31.8 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD070541.D
 Acq: 30 Sep 2021 15:20

Instrument :
 MSVOA_D
 ClientSampleId :
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Tgt Ion:	152	Resp:	305903
Ion	Ratio	Lower	Upper
152	100		
115	63.9	32.1	96.3
150	159.7	0.0	350.6

