

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082321\
 Data File : VD070224.D
 Acq On : 23 Aug 2021 16:21
 Operator : VA/SY
 Sample : M3463-35
 Misc : 6.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-27-0204

Quant Time: Aug 24 01:31:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

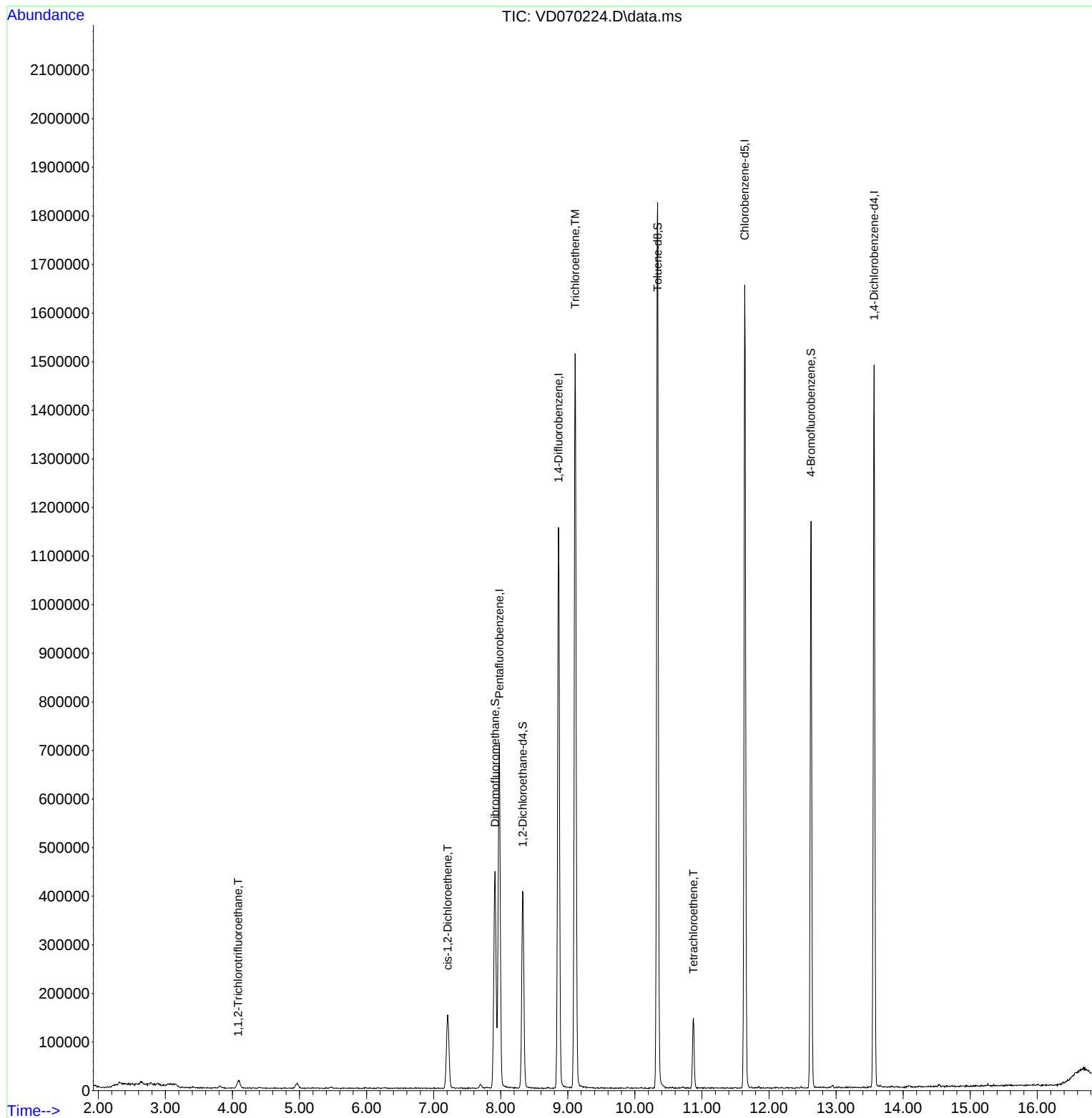
Internal Standards						
1) Pentafluorobenzene	7.979	168	483880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	978262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	948475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	381232	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	317594	55.805	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.600%
35) Dibromofluoromethane	7.914	113	326948	51.731	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.460%
50) Toluene-d8	10.338	98	1266336	51.514	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.020%
62) 4-Bromofluorobenzene	12.626	95	395849	48.890	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.780%
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	4.085	101	10906	1.743	ug/l	93
27) cis-1,2-Dichloroethene	7.208	96	98780	13.930	ug/l	85
44) Trichloroethene	9.108	130	545780	74.015	ug/l	99
64) Tetrachloroethene	10.873	164	32450	5.303	ug/l	88

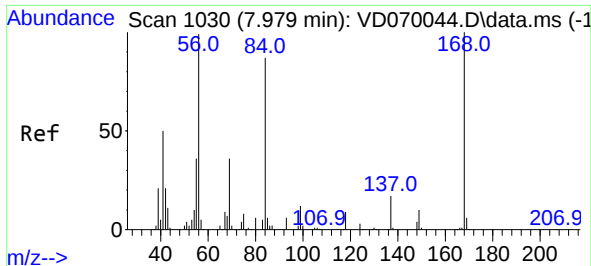
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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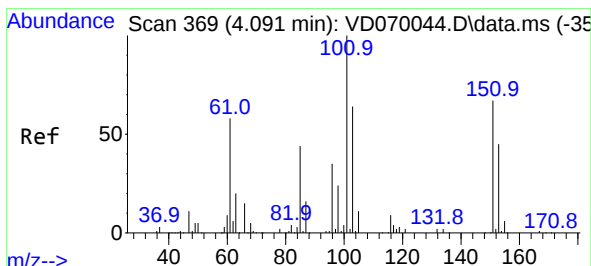
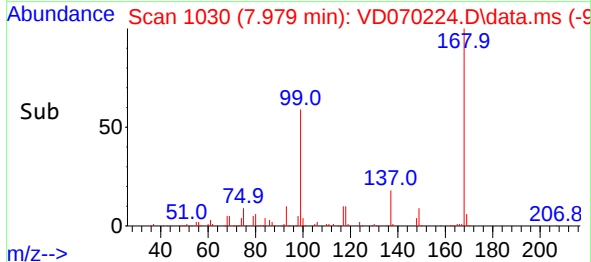
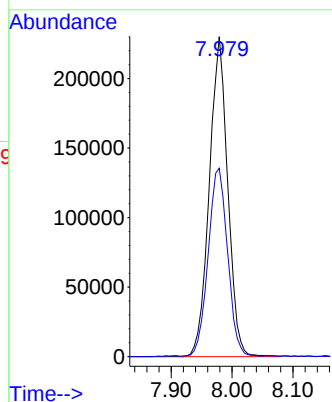
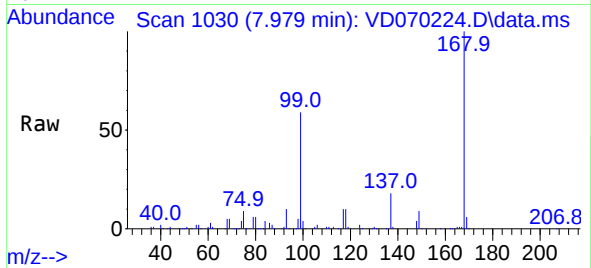




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070224.D
Acq: 23 Aug 2021 16:21

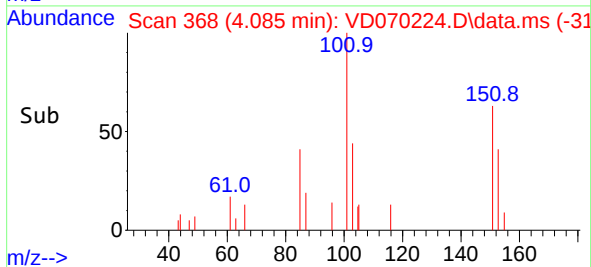
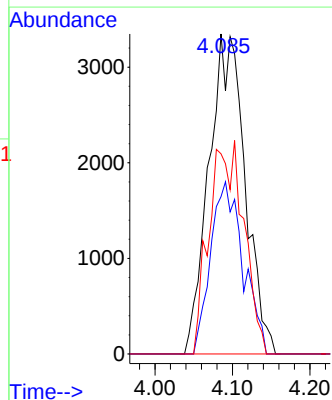
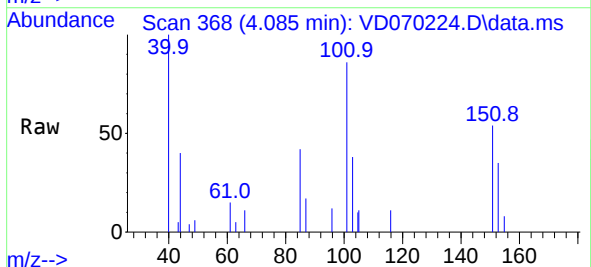
Instrument :
MSVOA_D
ClientSampleId :
SWCS-27-0204

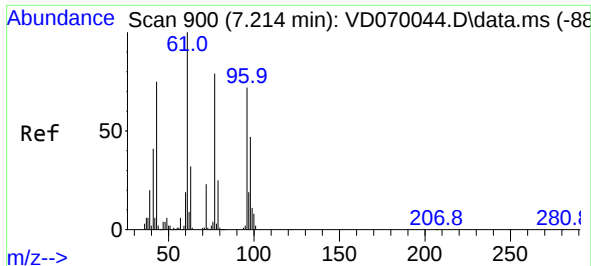
Tgt Ion:168 Resp: 483880
Ion Ratio Lower Upper
168 100
99 58.7 50.3 75.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.743 ug/l
RT: 4.085 min Scan# 368
Delta R.T. -0.006 min
Lab File: VD070224.D
Acq: 23 Aug 2021 16:21

Tgt Ion:101 Resp: 10906
Ion Ratio Lower Upper
101 100
85 48.3 34.6 52.0
151 63.2 55.0 82.6





#27

cis-1,2-Dichloroethene

Concen: 13.930 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.006 min

Lab File: VD070224.D

Acq: 23 Aug 2021 16:21

Instrument :

MSVOA_D

ClientSampleId :

SWCS-27-0204

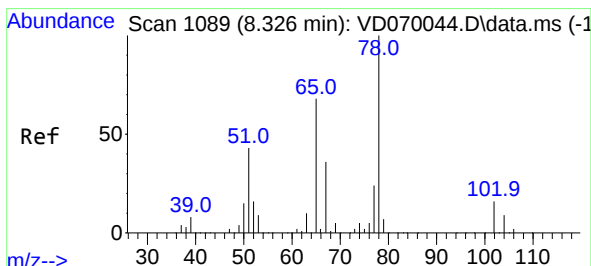
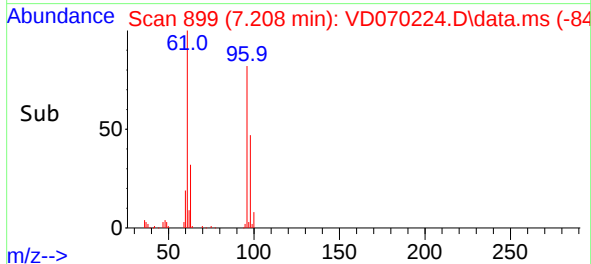
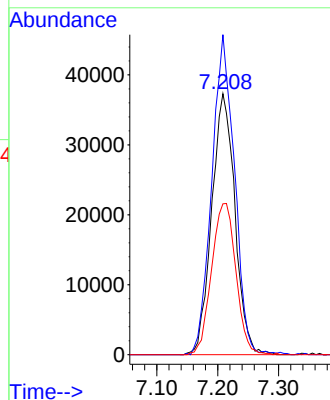
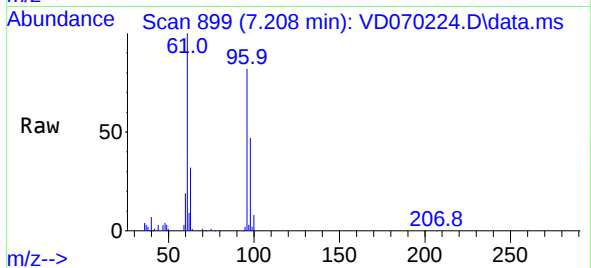
Tgt Ion: 96 Resp: 98780

Ion Ratio Lower Upper

96 100

61 120.0 0.0 288.2

98 60.7 0.0 129.6



#33

1,2-Dichloroethane-d4

Concen: 55.805 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD070224.D

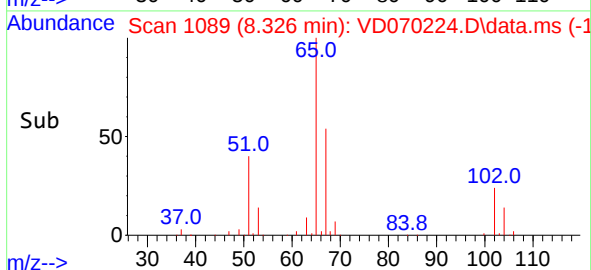
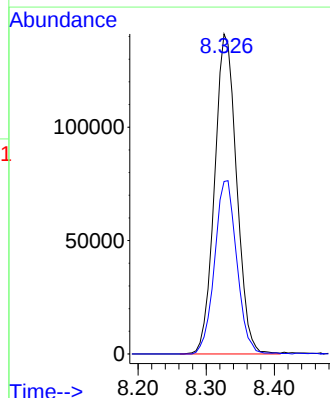
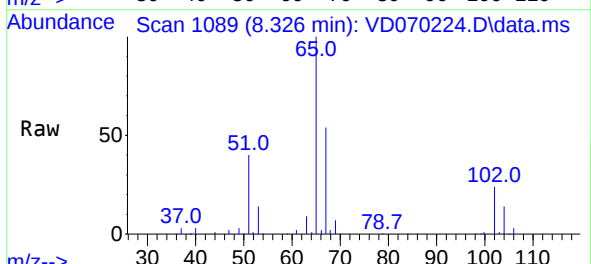
Acq: 23 Aug 2021 16:21

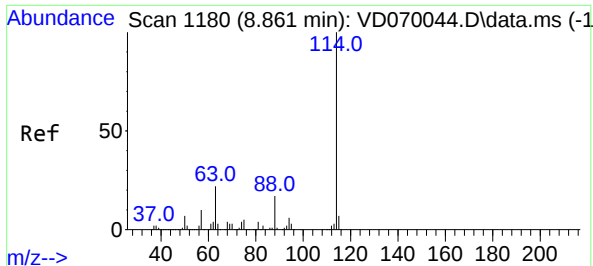
Tgt Ion: 65 Resp: 317594

Ion Ratio Lower Upper

65 100

67 54.5 0.0 107.8



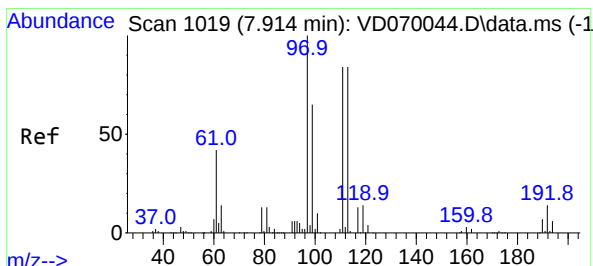
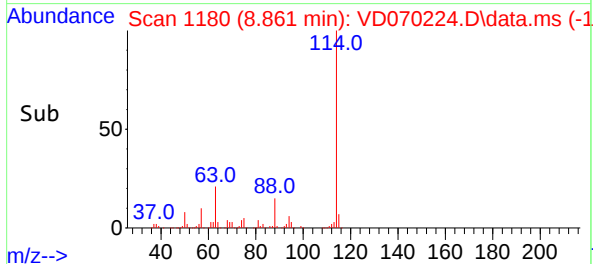
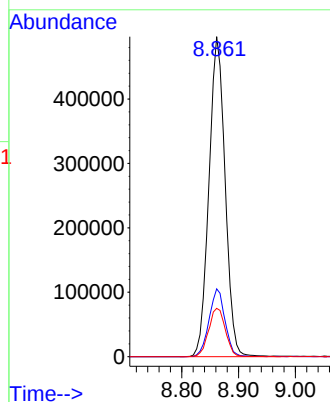
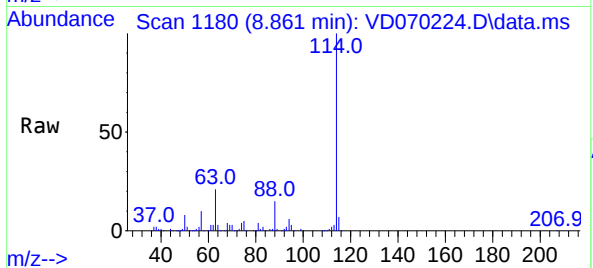


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070224.D
Acq: 23 Aug 2021 16:21

Instrument :
MSVOA_D
ClientSampleId :
SWCS-27-0204

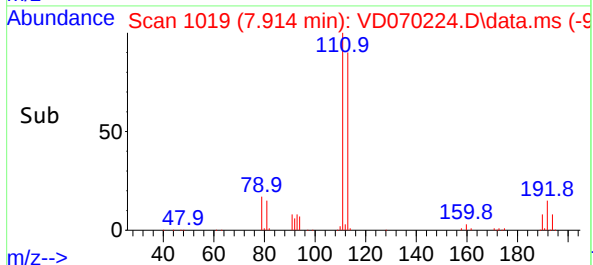
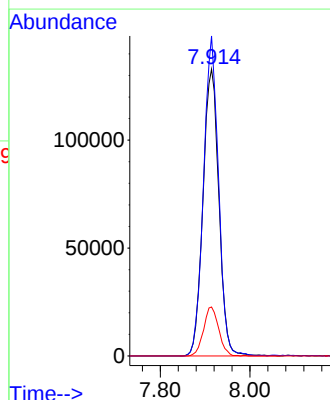
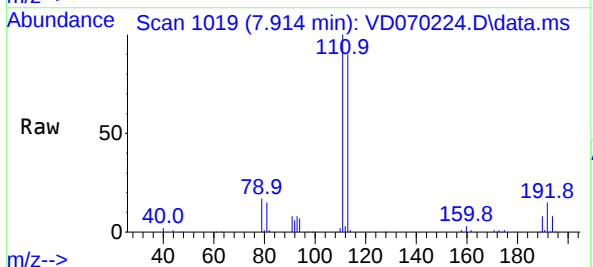
Tgt Ion:114 Resp: 978262
Ion Ratio Lower Upper
114 100
63 21.2 0.0 43.6
88 15.1 0.0 33.4

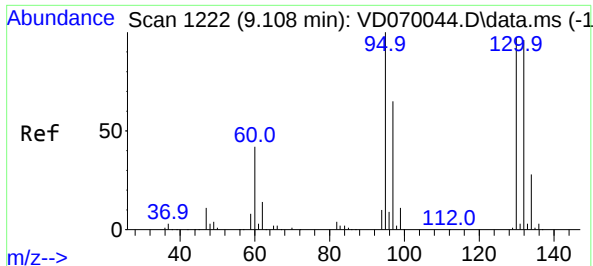


#35

Dibromofluoromethane
Concen: 51.731 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070224.D
Acq: 23 Aug 2021 16:21

Tgt Ion:113 Resp: 326948
Ion Ratio Lower Upper
113 100
111 104.9 81.8 122.6
192 16.3 13.2 19.8

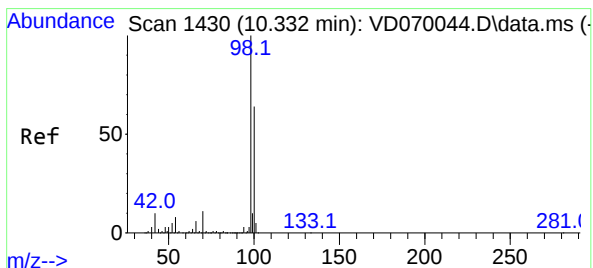
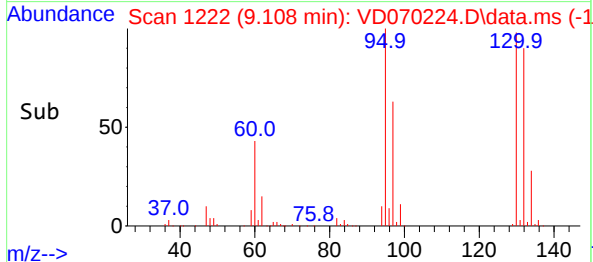
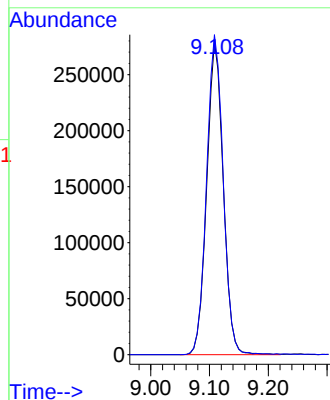
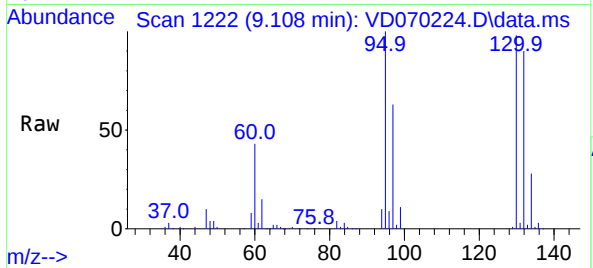




#44
Trichloroethene
Concen: 74.015 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD070224.D
Acq: 23 Aug 2021 16:21

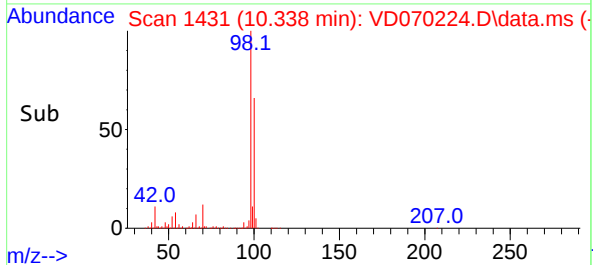
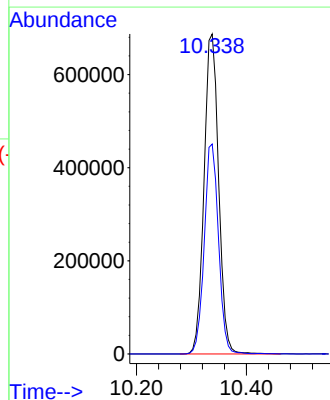
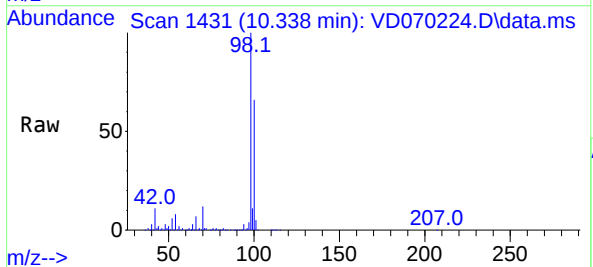
Instrument :
MSVOA_D
ClientSampleId :
SWCS-27-0204

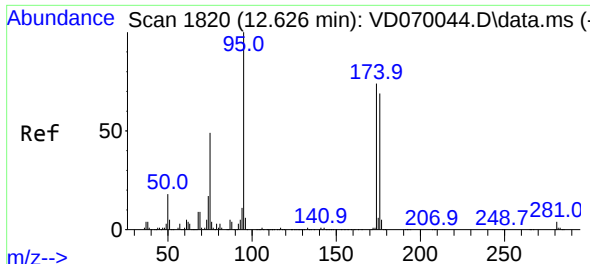
Tgt Ion:130 Resp: 545780
Ion Ratio Lower Upper
130 100
95 102.2 0.0 206.4



#50
Toluene-d8
Concen: 51.514 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070224.D
Acq: 23 Aug 2021 16:21

Tgt Ion: 98 Resp: 1266336
Ion Ratio Lower Upper
98 100
100 64.0 52.6 78.8

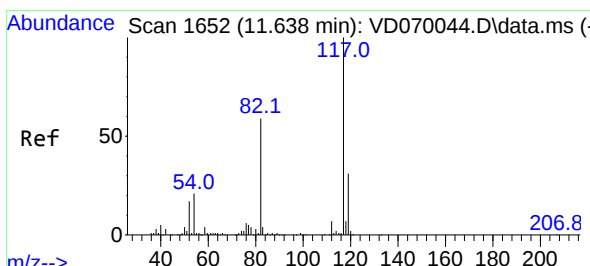
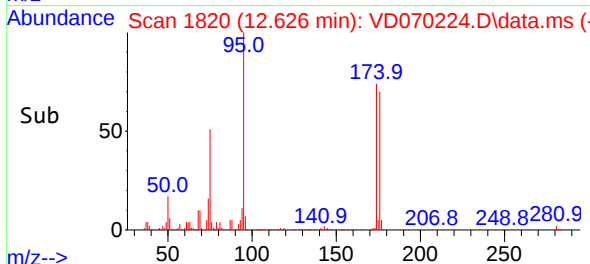
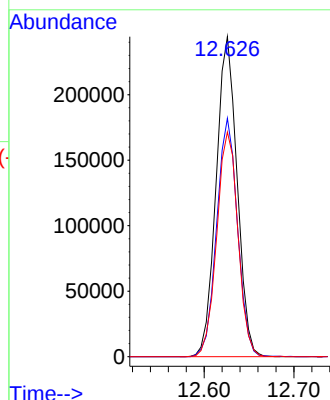
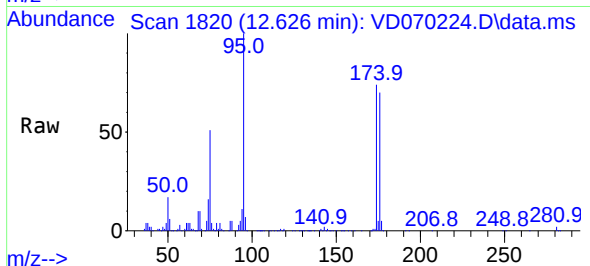




#62
4-Bromofluorobenzene
Concen: 48.890 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070224.D
Acq: 23 Aug 2021 16:21

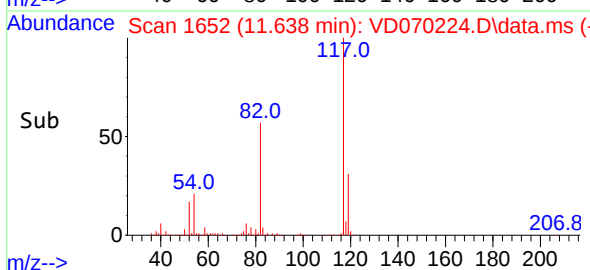
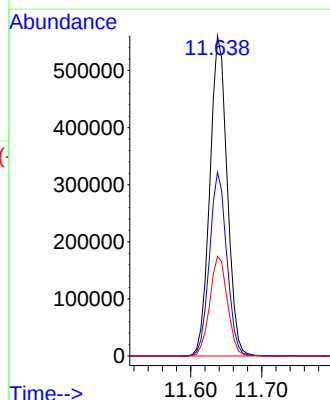
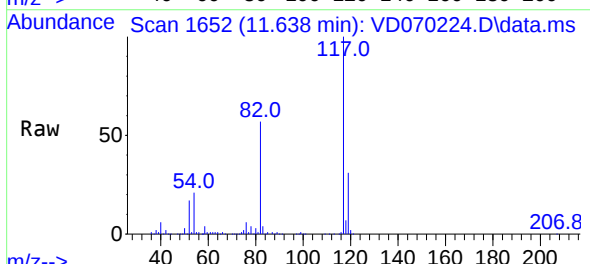
Instrument :
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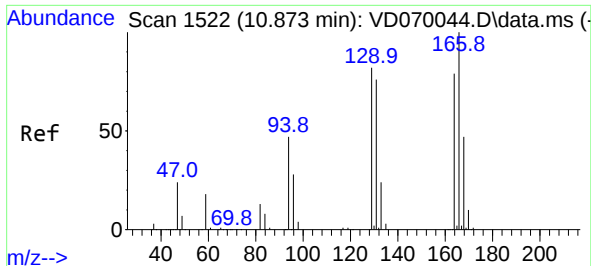
Tgt Ion:	95	Resp:	395849
Ion	Ratio	Lower	Upper
95	100		
174	74.1	0.0	141.6
176	70.8	0.0	138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070224.D
Acq: 23 Aug 2021 16:21

Tgt Ion:	117	Resp:	948475
Ion	Ratio	Lower	Upper
117	100		
82	57.5	47.5	71.3
119	31.1	25.1	37.7



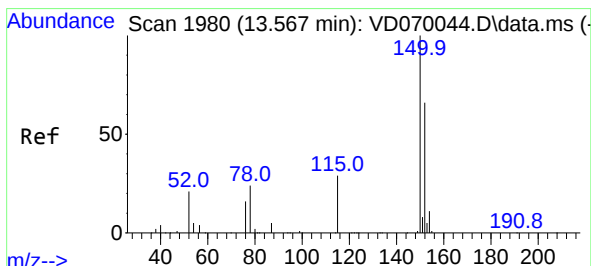
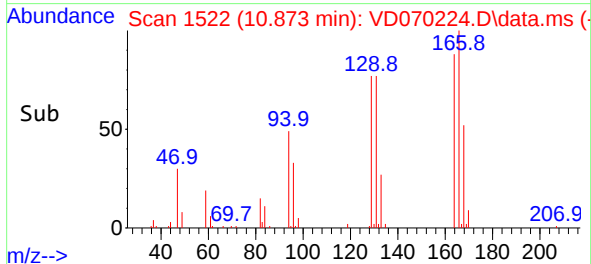
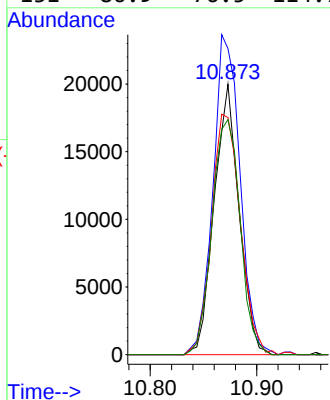
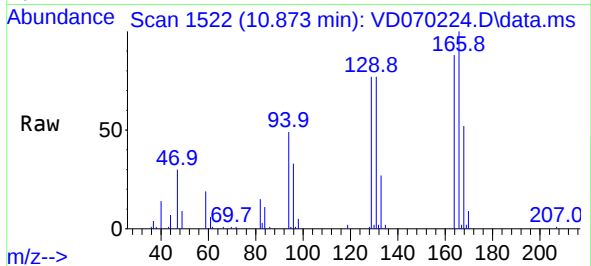


#64
Tetrachloroethene
Concen: 5.303 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD070224.D
Acq: 23 Aug 2021 16:21

Instrument :
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ClientSampleId :
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Tgt Ion:164 Resp: 32450

Ion	Ratio	Lower	Upper
164	100		
166	113.2	101.3	151.9
129	87.7	82.9	124.3
131	86.9	76.5	114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD070224.D
Acq: 23 Aug 2021 16:21

Tgt Ion:152 Resp: 381232

Ion	Ratio	Lower	Upper
152	100		
115	62.4	31.2	93.6
150	159.8	0.0	352.0

