

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082321\
 Data File : VD070225.D
 Acq On : 23 Aug 2021 16:50
 Operator : VA/SY
 Sample : M3463-37
 Misc : 7.34G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-29-0002

Quant Time: Aug 24 01:31:56 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)

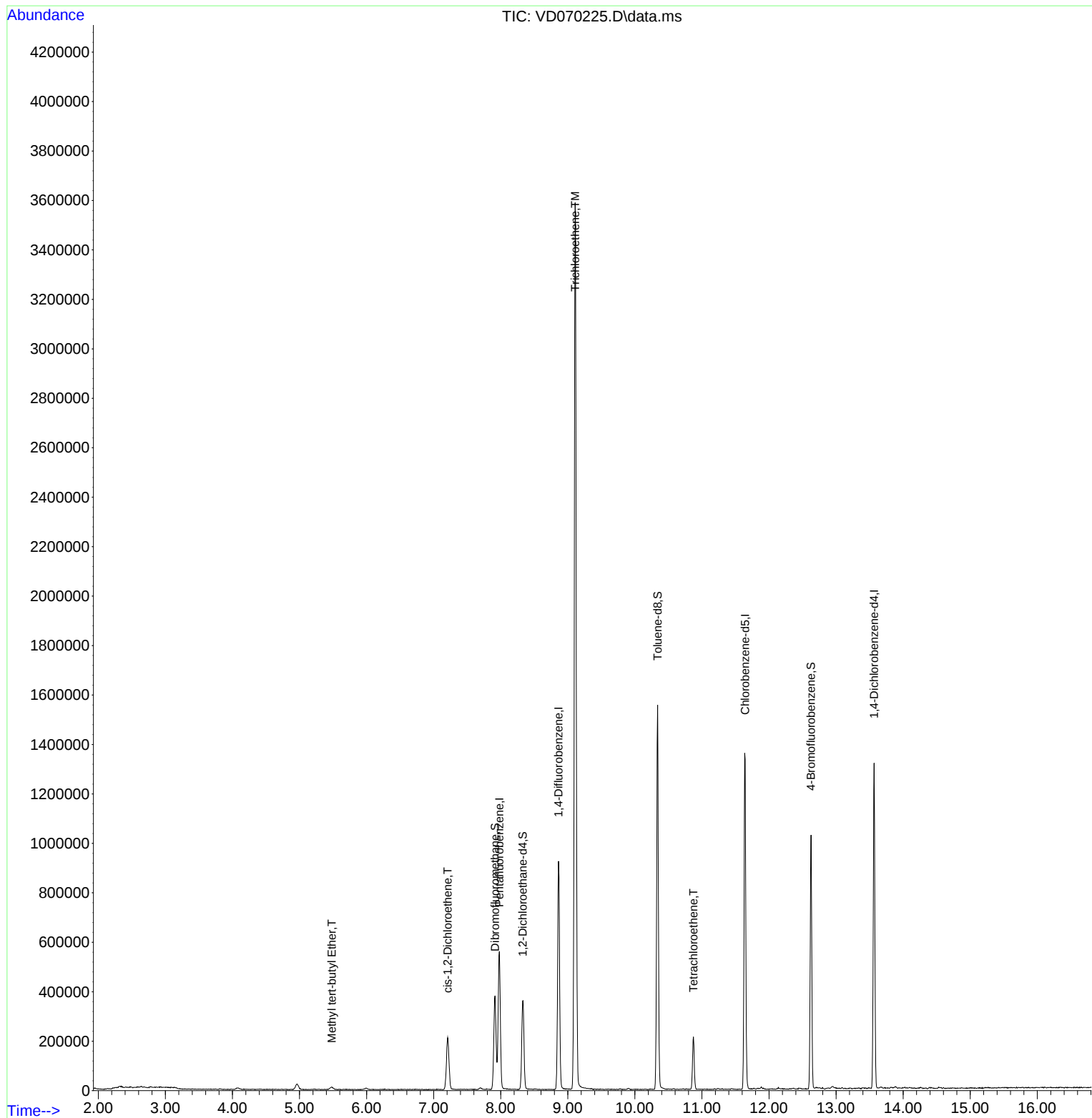
Internal Standards						
1) Pentafluorobenzene	7.979	168	391612	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	781399	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	802152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	344112	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	291285	63.241	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.480%
35) Dibromofluoromethane	7.914	113	280379	55.539	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.080%
50) Toluene-d8	10.338	98	1049036	53.426	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.860%
62) 4-Bromofluorobenzene	12.626	95	345319	53.394	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.780%
Target Compounds						Qvalue
19) Methyl tert-butyl Ether	5.479	73	12648	1.310	ug/l	98
27) cis-1,2-Dichloroethene	7.209	96	131188	22.858	ug/l	90
44) Trichloroethene	9.108	130	1301499	220.968	ug/l	97
64) Tetrachloroethene	10.873	164	50431	9.745	ug/l	89

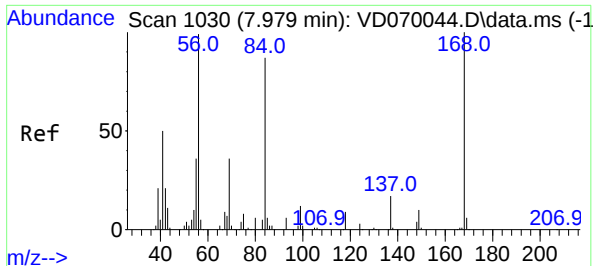
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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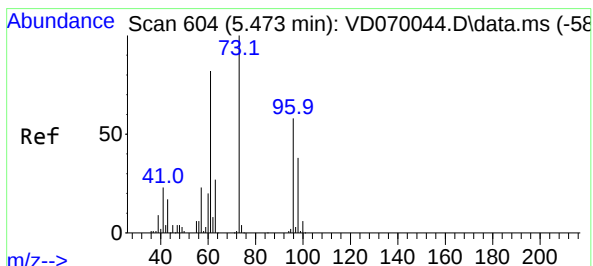
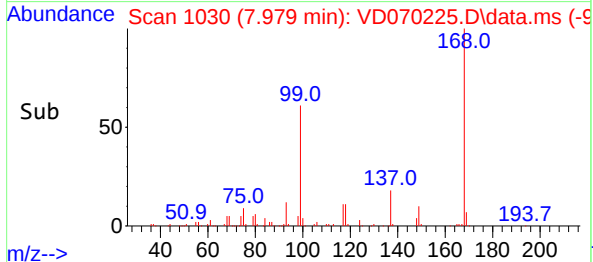
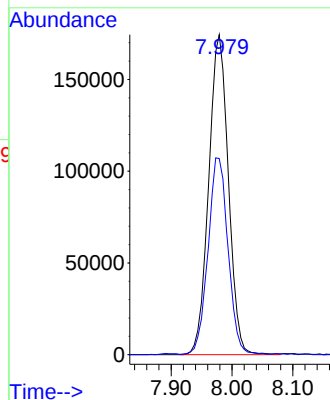
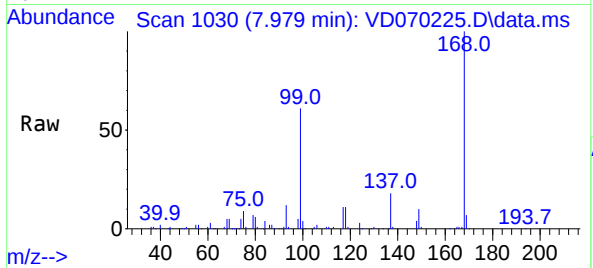




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070225.D
Acq: 23 Aug 2021 16:50

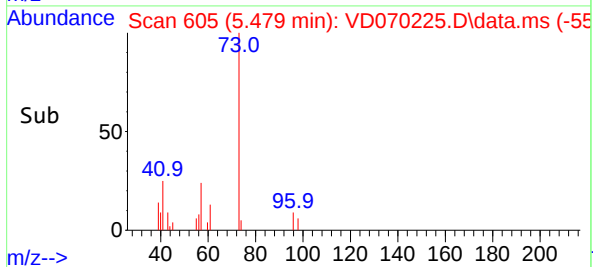
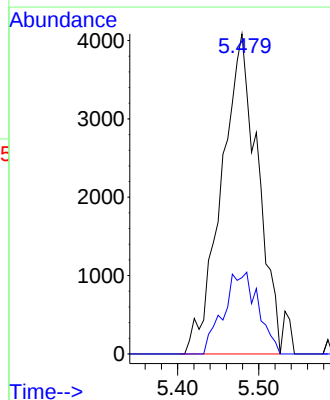
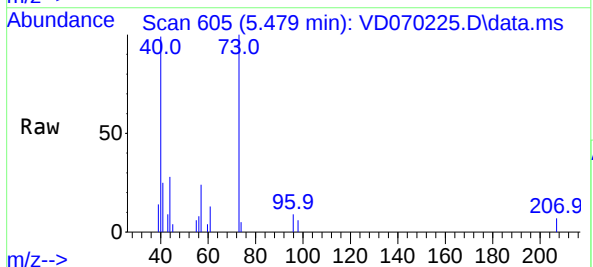
Instrument :
MSVOA_D
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SWCS-29-0002

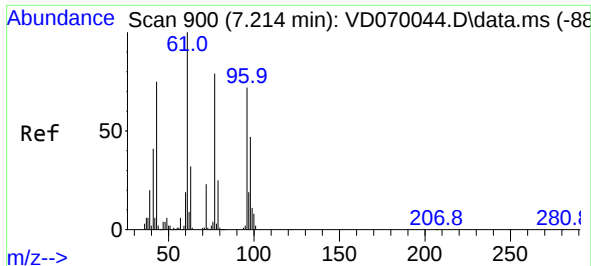
Tgt Ion:168 Resp: 391612
Ion Ratio Lower Upper
168 100
99 61.2 50.3 75.5



#19
Methyl tert-butyl Ether
Concen: 1.310 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.006 min
Lab File: VD070225.D
Acq: 23 Aug 2021 16:50

Tgt Ion: 73 Resp: 12648
Ion Ratio Lower Upper
73 100
57 23.9 18.2 27.4

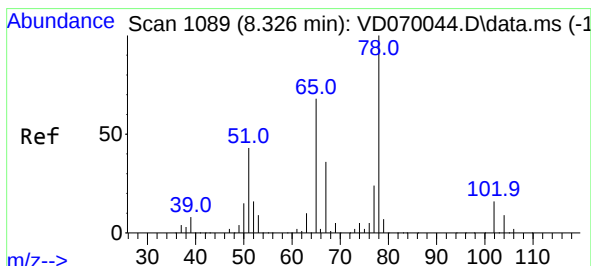
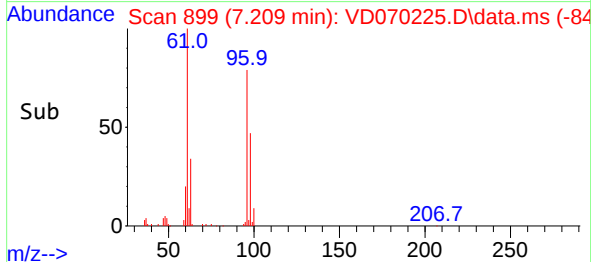
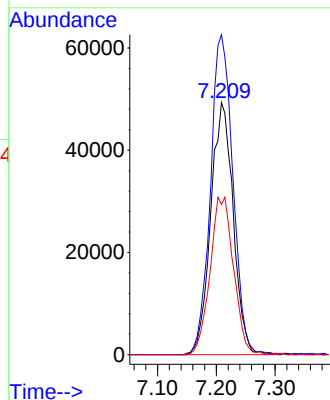
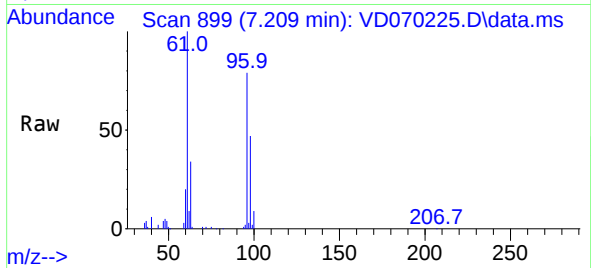




#27
cis-1,2-Dichloroethene
Concen: 22.858 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD070225.D
Acq: 23 Aug 2021 16:50

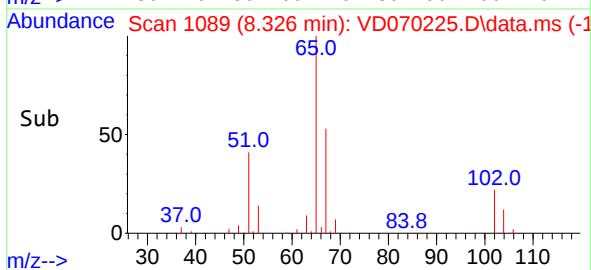
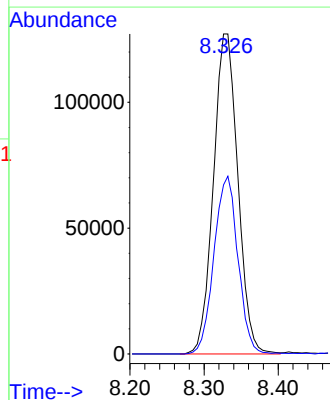
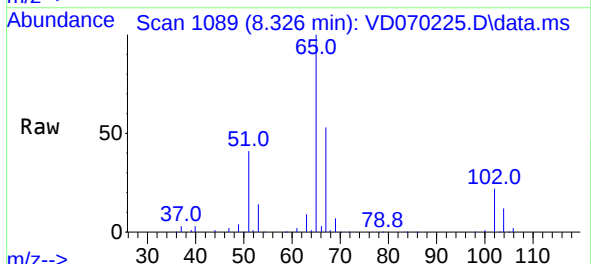
Instrument :
MSVOA_D
ClientSampleId :
SWCS-29-0002

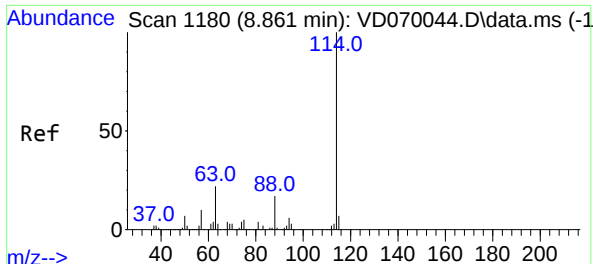
Tgt Ion: 96 Resp: 131188
Ion Ratio Lower Upper
96 100
61 126.5 0.0 288.2
98 65.1 0.0 129.6



#33
1,2-Dichloroethane-d4
Concen: 63.241 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070225.D
Acq: 23 Aug 2021 16:50

Tgt Ion: 65 Resp: 291285
Ion Ratio Lower Upper
65 100
67 54.6 0.0 107.8

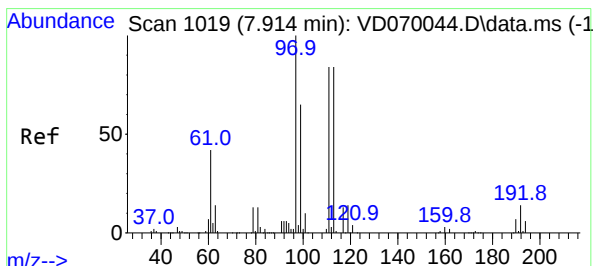
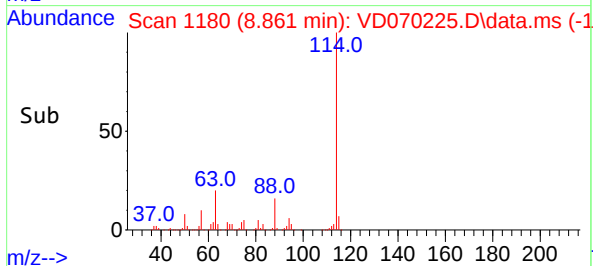
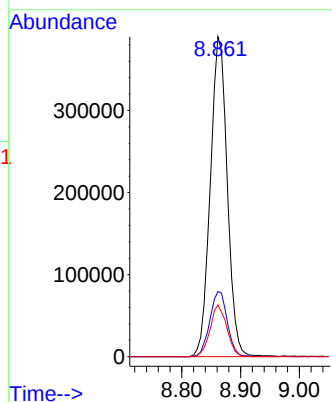
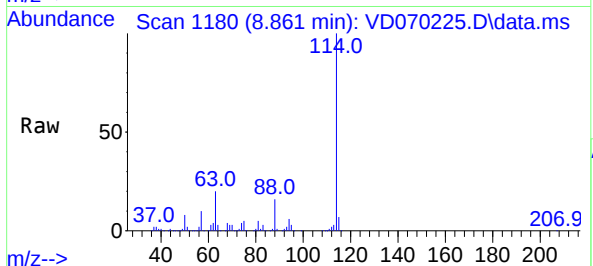




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070225.D
Acq: 23 Aug 2021 16:50

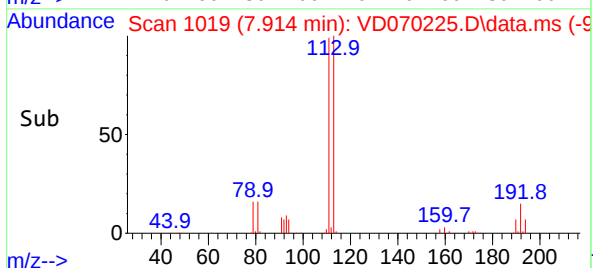
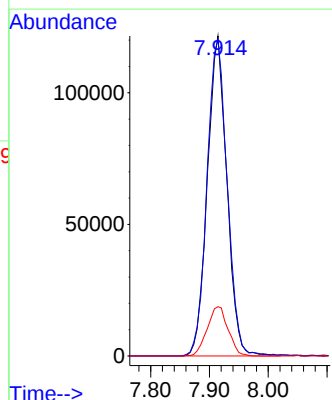
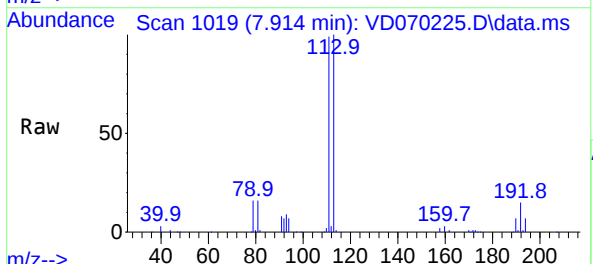
Instrument :
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ClientSampleId :
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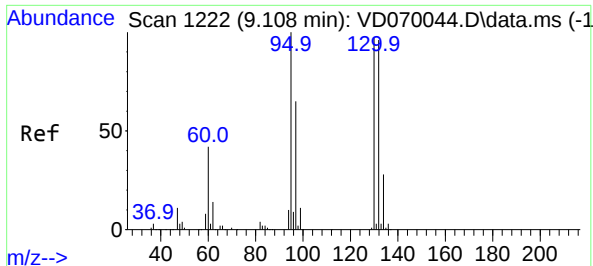
Tgt Ion:	114	Resp:	781399
Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	43.6
88	16.1	0.0	33.4



#35
Dibromofluoromethane
Concen: 55.539 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070225.D
Acq: 23 Aug 2021 16:50

Tgt Ion:	113	Resp:	280379
Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.8	122.6
192	16.5	13.2	19.8

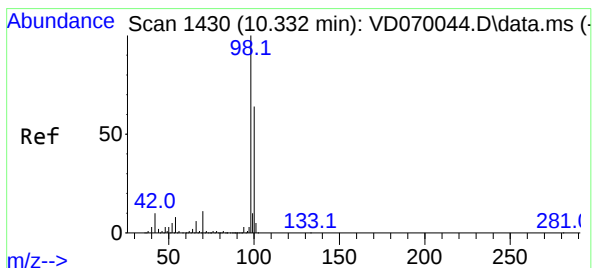
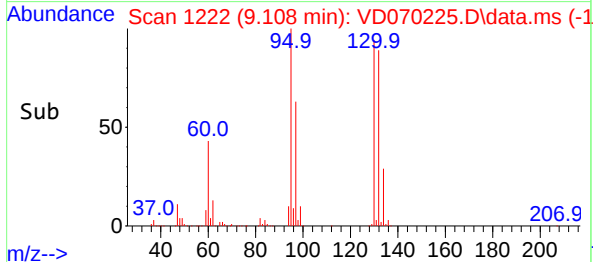
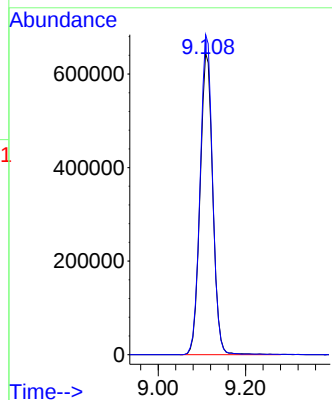
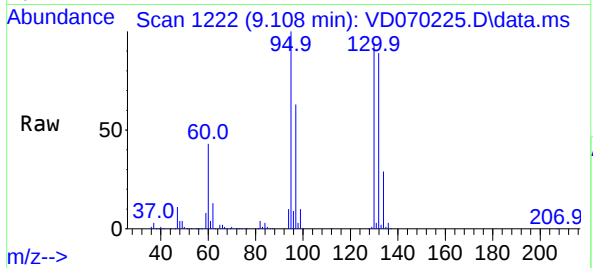




#44
Trichloroethene
Concen: 220.968 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD070225.D
Acq: 23 Aug 2021 16:50

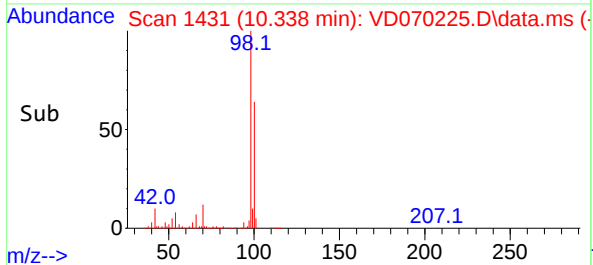
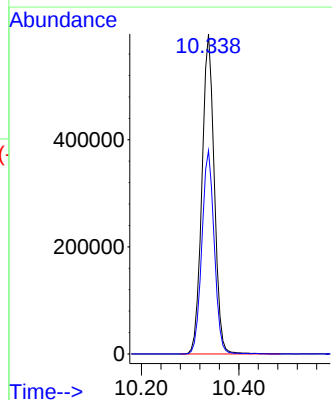
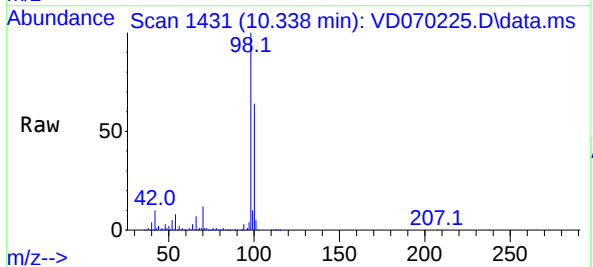
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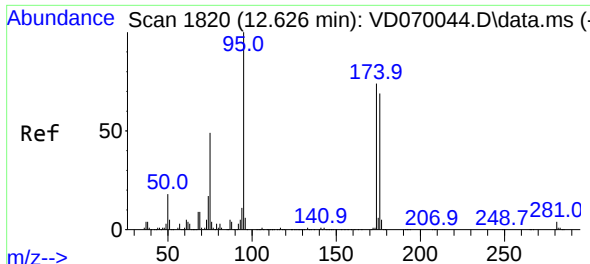
Tgt Ion:130 Resp: 1301499
Ion Ratio Lower Upper
130 100
95 106.1 0.0 206.4



#50
Toluene-d8
Concen: 53.426 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070225.D
Acq: 23 Aug 2021 16:50

Tgt Ion: 98 Resp: 1049036
Ion Ratio Lower Upper
98 100
100 63.9 52.6 78.8

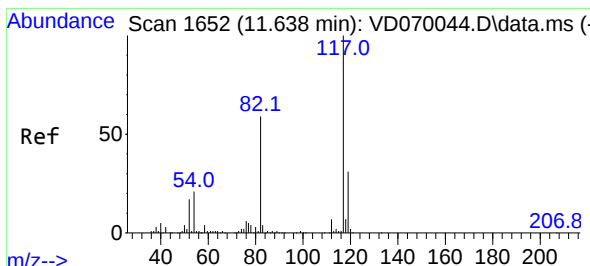
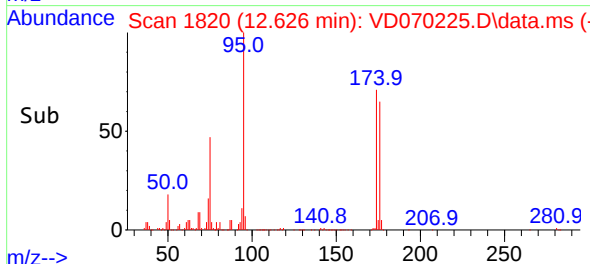
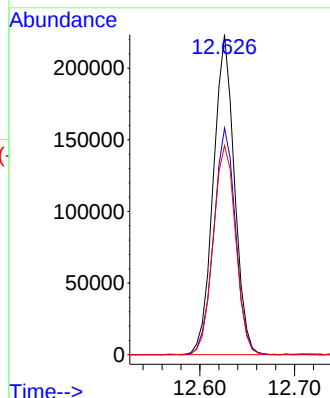
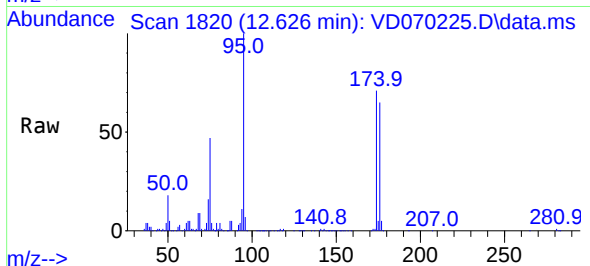




#62
4-Bromofluorobenzene
Concen: 53.394 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070225.D
Acq: 23 Aug 2021 16:50

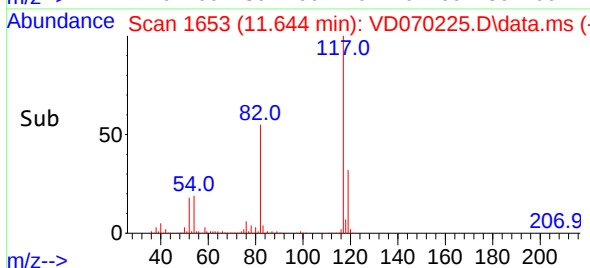
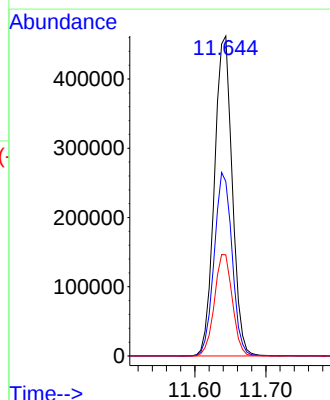
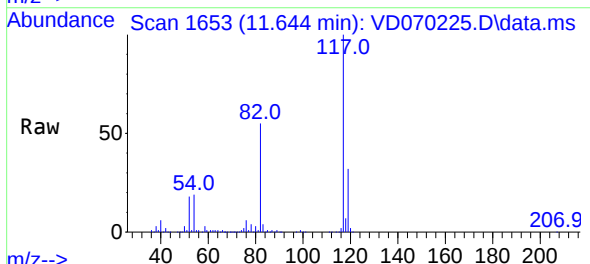
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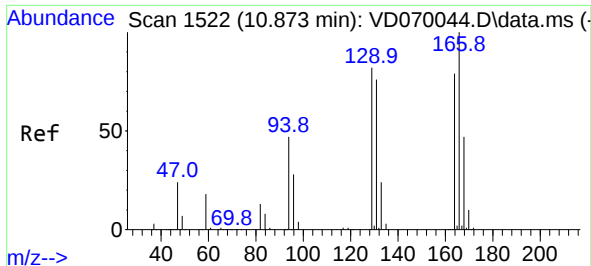
Tgt Ion:	95	Resp:	345319
Ion	Ratio	Lower	Upper
95	100		
174	73.1	0.0	141.6
176	69.6	0.0	138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.006 min
Lab File: VD070225.D
Acq: 23 Aug 2021 16:50

Tgt Ion:	117	Resp:	802152
Ion	Ratio	Lower	Upper
117	100		
82	54.5	47.5	71.3
119	31.6	25.1	37.7



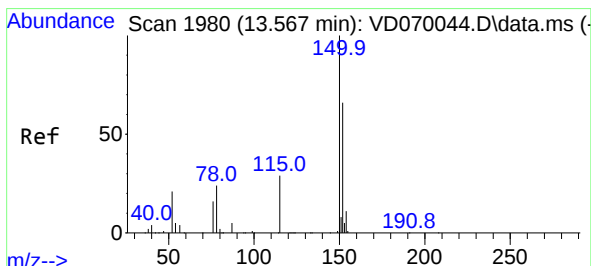
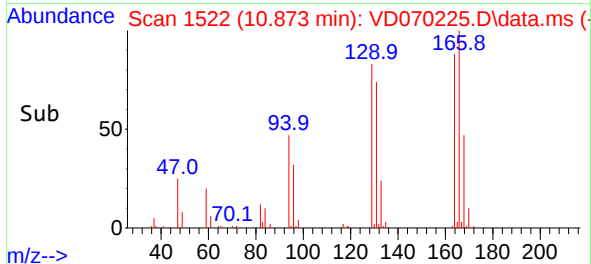
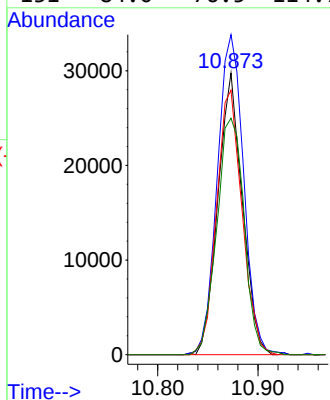
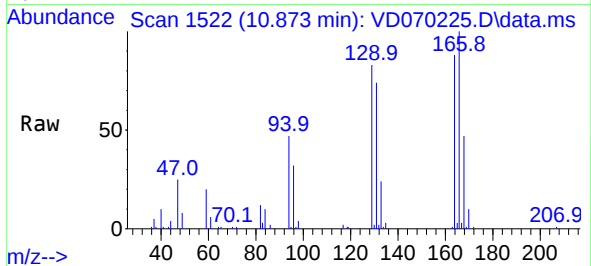


#64
Tetrachloroethene
Concen: 9.745 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD070225.D
Acq: 23 Aug 2021 16:50

Instrument :
MSVOA_D
ClientSampleId :
SWCS-29-0002

Tgt Ion:164 Resp: 50431

Ion	Ratio	Lower	Upper
164	100		
166	113.7	101.3	151.9
129	93.9	82.9	124.3
131	84.0	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: VD070225.D
Acq: 23 Aug 2021 16:50

Tgt Ion:152 Resp: 344112

Ion	Ratio	Lower	Upper
152	100		
115	61.5	31.2	93.6
150	157.2	0.0	352.0

