

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031622\
 Data File : VD072218.D
 Acq On : 16 Mar 2022 15:08
 Operator : VA/SY
 Sample : N1908-03RE
 Misc : 4.43G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-8-9-2RE

Quant Time: Mar 16 15:37:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

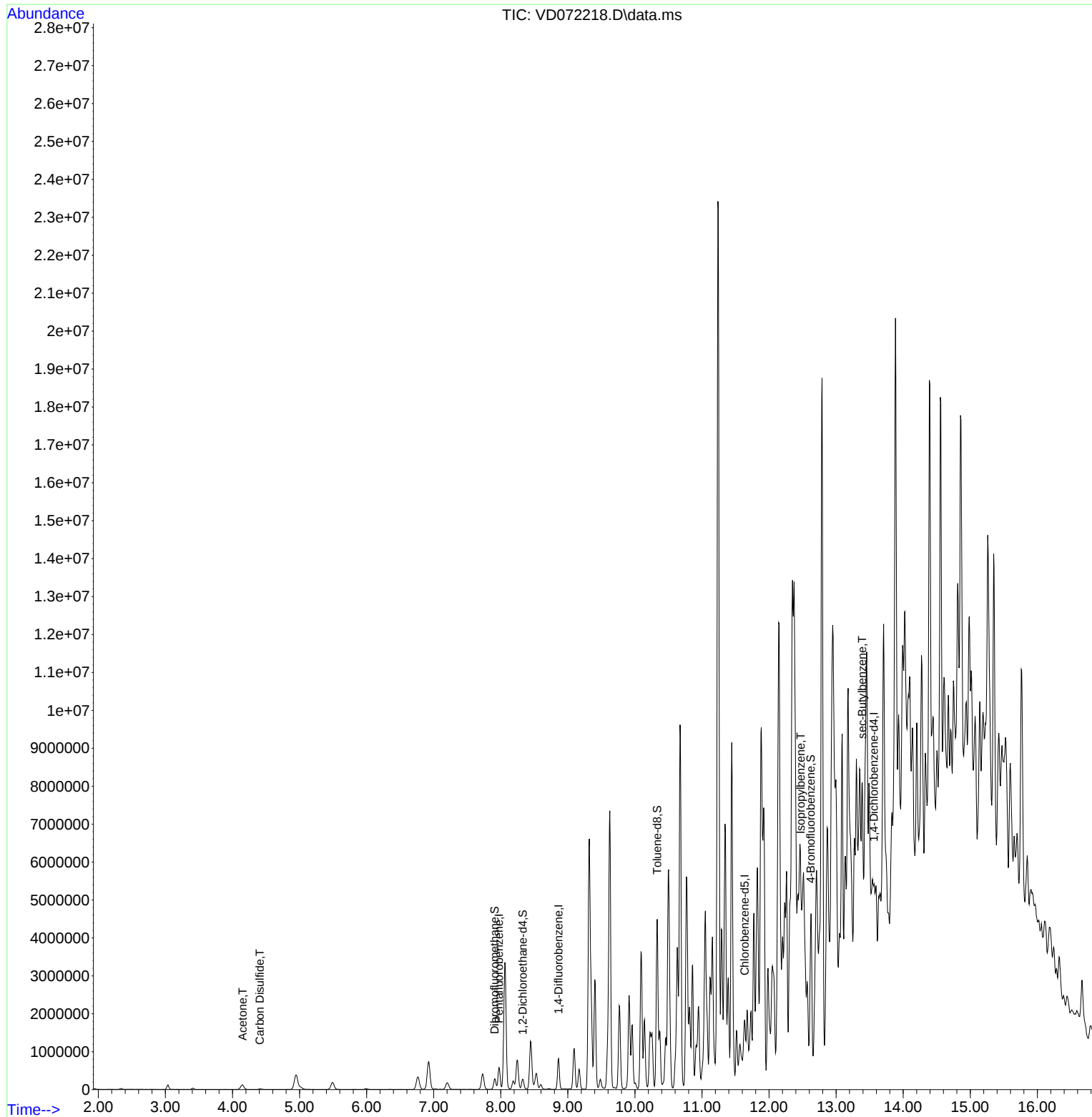
Internal Standards						
1) Pentafluorobenzene	7.973	168	417486	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	678734	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	696240	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	425229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	207392	44.575	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.160%
35) Dibromofluoromethane	7.908	113	207188	43.378	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.760%
50) Toluene-d8	10.332	98	953017	54.568	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.140%
62) 4-Bromofluorobenzene	12.620	95	590292	86.987	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	173.980%#
Target Compounds						
					Qvalue	
16) Acetone	4.150	43	137074	135.692	ug/l #	89
17) Carbon Disulfide	4.409	76	27709	4.504	ug/l	99
73) Isopropylbenzene	12.473	105	724924	21.513	ug/l	99
85) sec-Butylbenzene	13.390	105	978184	25.664	ug/l #	75

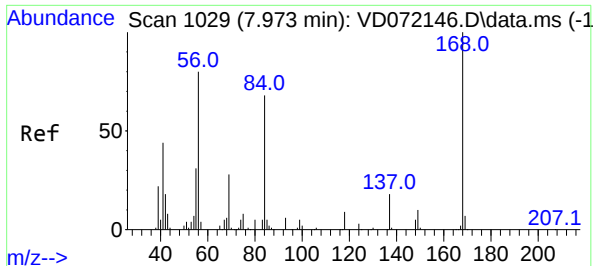
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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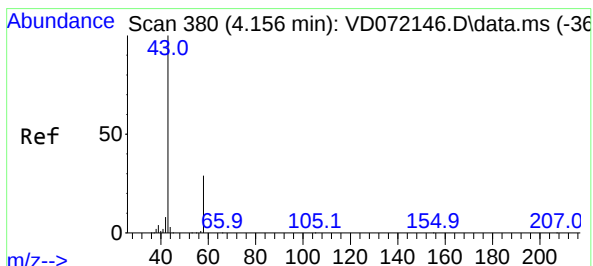
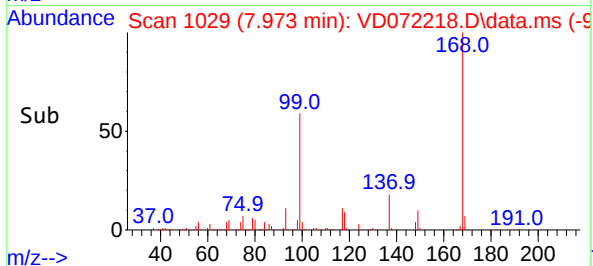
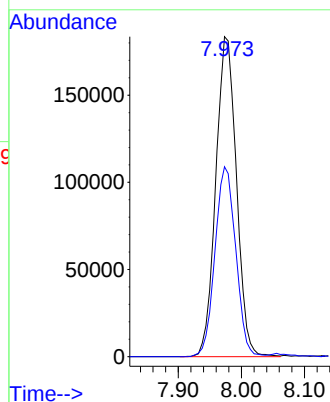
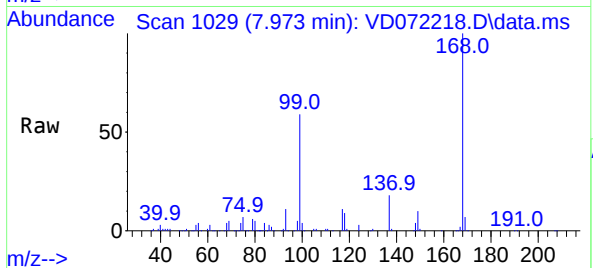




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072218.D
Acq: 16 Mar 2022 15:08

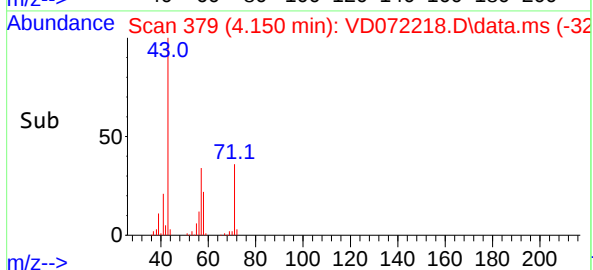
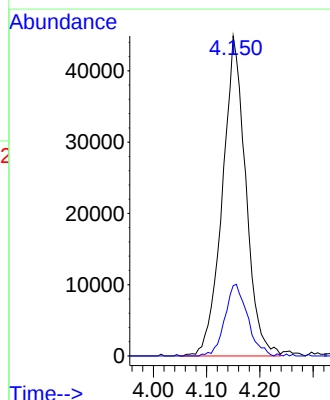
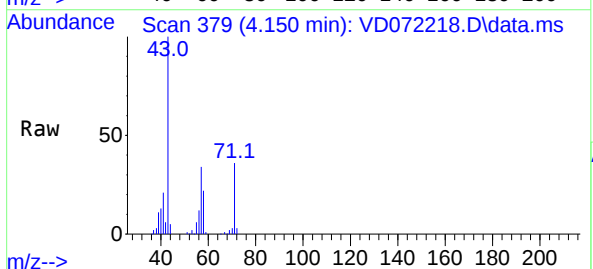
Instrument :
MSVOA_D
ClientSampleId :
WC-8-9-2RE

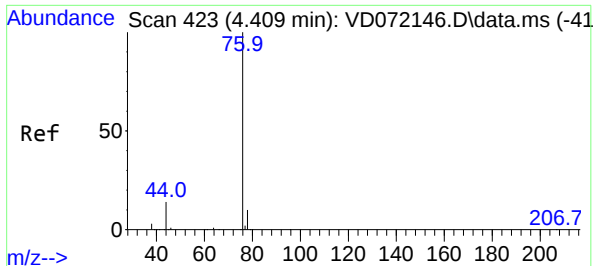
Tgt Ion:168 Resp: 417486
Ion Ratio Lower Upper
168 100
99 59.3 49.8 74.6



#16
Acetone
Concen: 135.692 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD072218.D
Acq: 16 Mar 2022 15:08

Tgt Ion: 43 Resp: 137074
Ion Ratio Lower Upper
43 100
58 22.0 22.1 33.1#

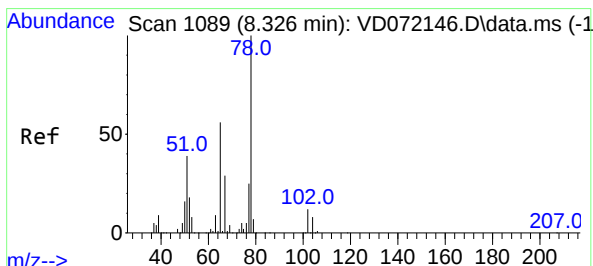
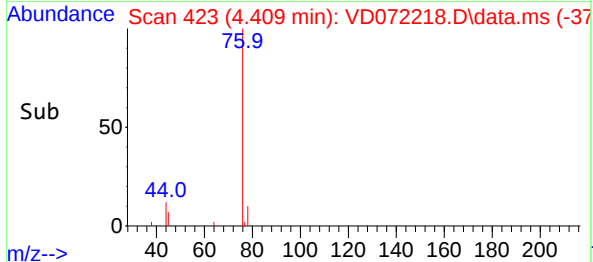
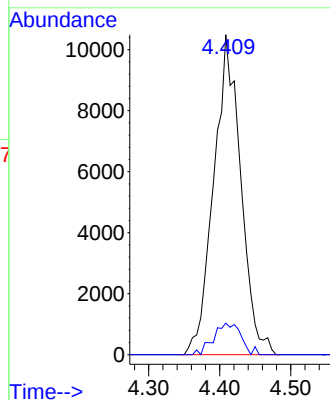
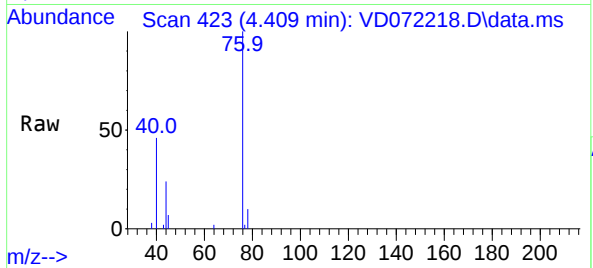




#17
Carbon Disulfide
Concen: 4.504 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072218.D
Acq: 16 Mar 2022 15:08

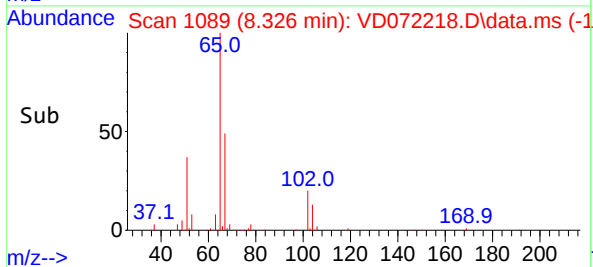
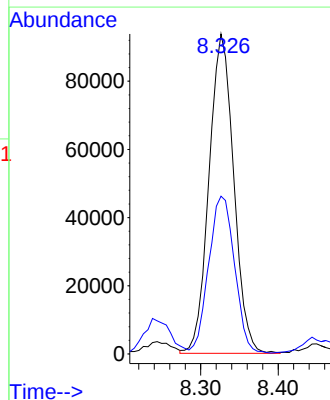
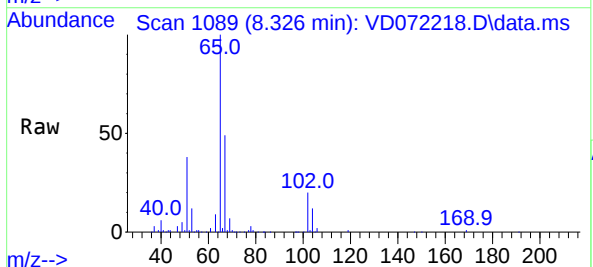
Instrument :
MSVOA_D
ClientSampleId :
WC-8-9-2RE

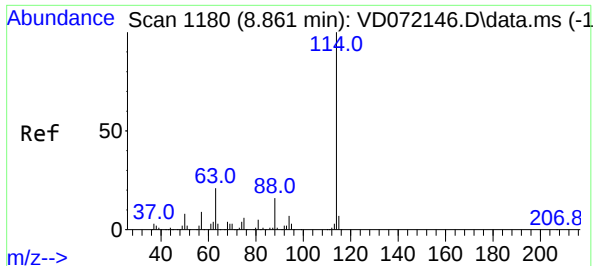
Tgt Ion: 76 Resp: 27709
Ion Ratio Lower Upper
76 100
78 9.9 7.5 11.3



#33
1,2-Dichloroethane-d4
Concen: 44.575 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072218.D
Acq: 16 Mar 2022 15:08

Tgt Ion: 65 Resp: 207392
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD072218.D

Acq: 16 Mar 2022 15:08

Instrument :

MSVOA_D

ClientSampleId :

WC-8-9-2RE

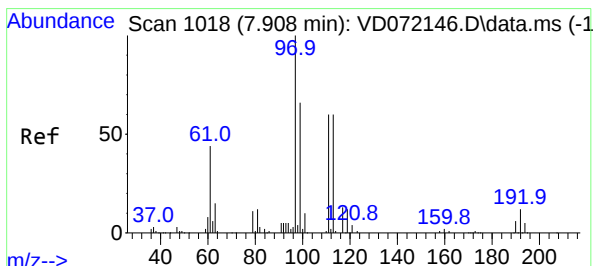
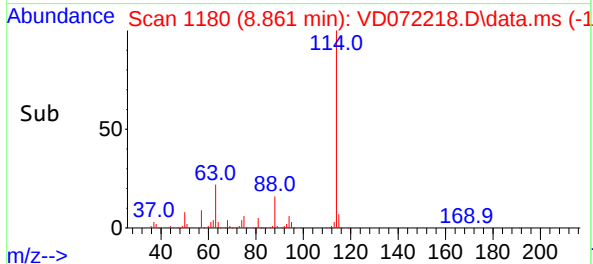
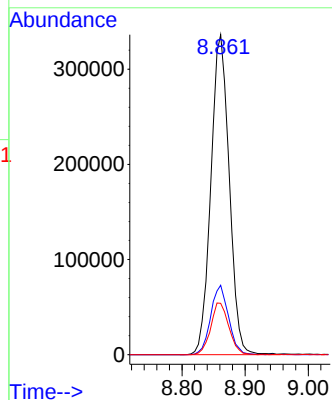
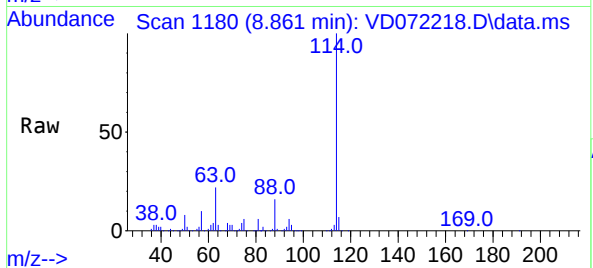
Tgt Ion:114 Resp: 678734

Ion Ratio Lower Upper

114 100

63 21.7 0.0 46.6

88 16.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 43.378 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072218.D

Acq: 16 Mar 2022 15:08

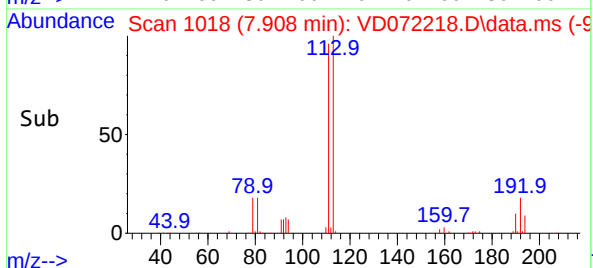
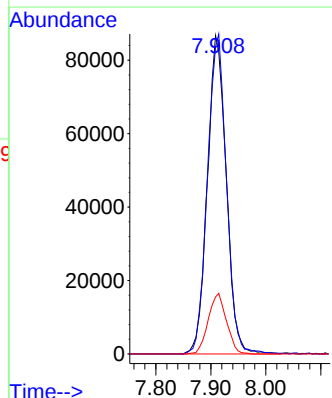
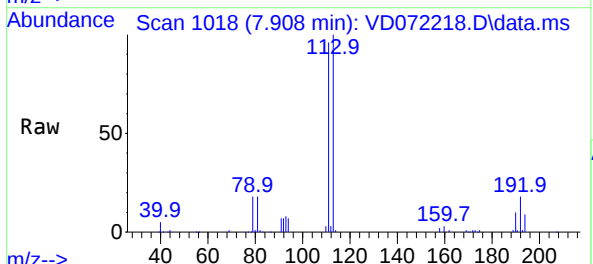
Tgt Ion:113 Resp: 207188

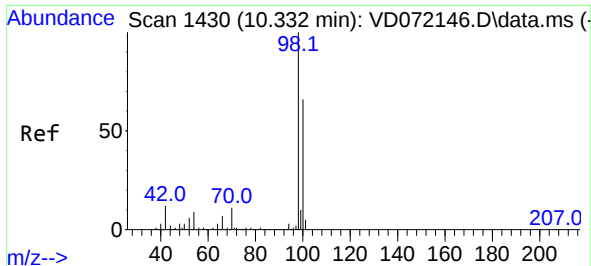
Ion Ratio Lower Upper

113 100

111 100.9 83.8 125.6

192 18.3 14.6 21.8

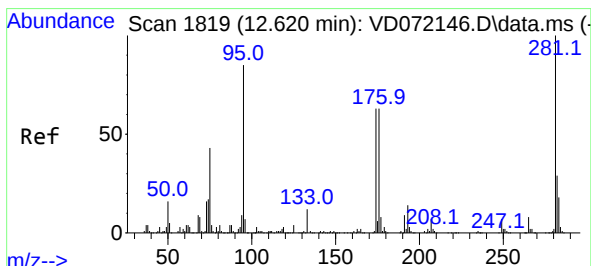
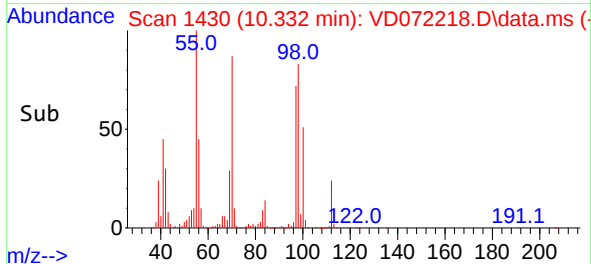
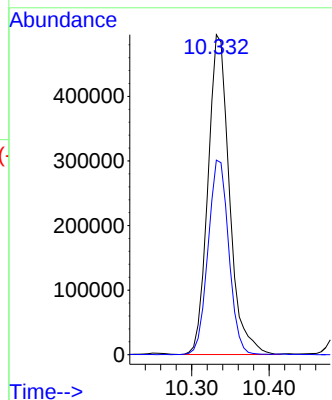
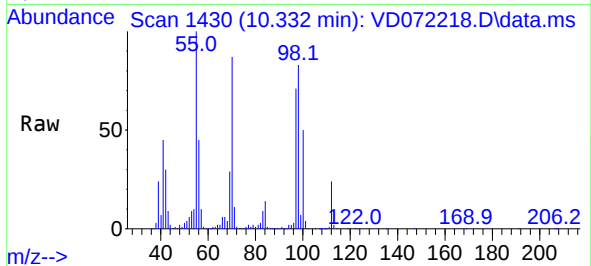




#50
Toluene-d8
Concen: 54.568 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072218.D
Acq: 16 Mar 2022 15:08

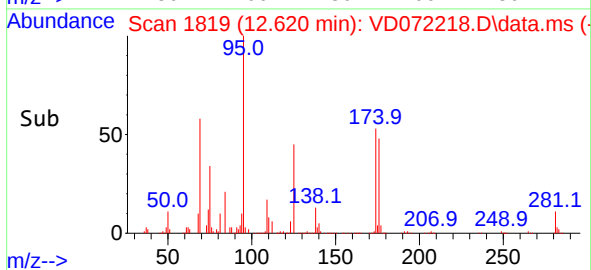
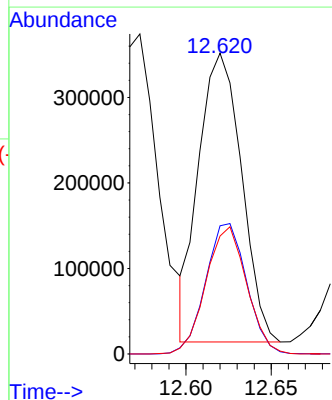
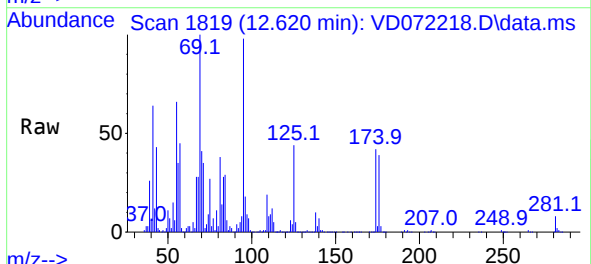
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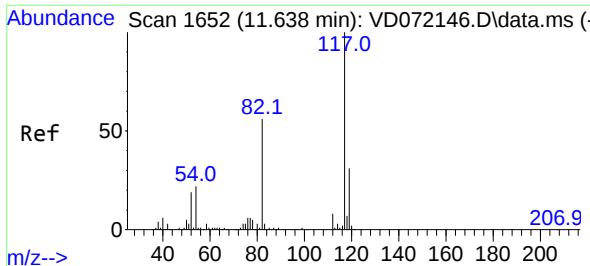
Tgt Ion: 98 Resp: 953017
Ion Ratio Lower Upper
98 100
100 58.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 86.987 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072218.D
Acq: 16 Mar 2022 15:08

Tgt Ion: 95 Resp: 590292
Ion Ratio Lower Upper
95 100
174 43.3 0.0 152.8
176 41.9 0.0 145.4

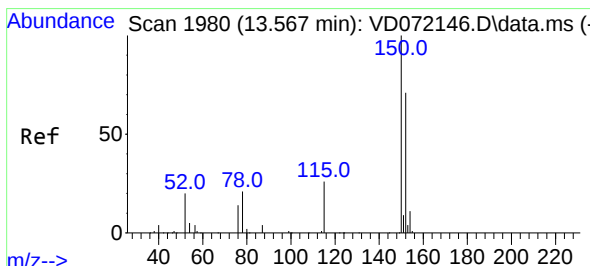
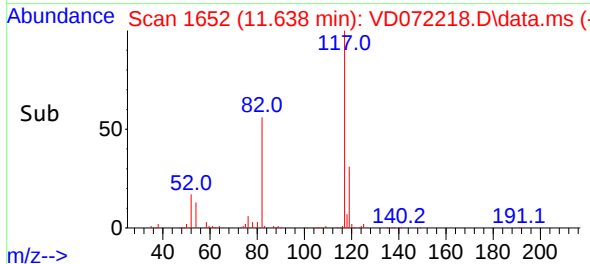
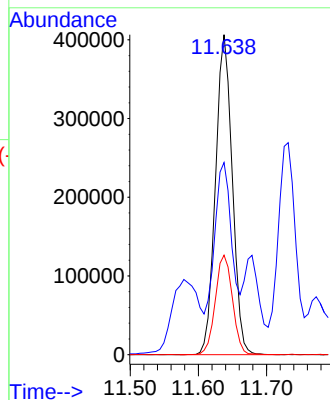
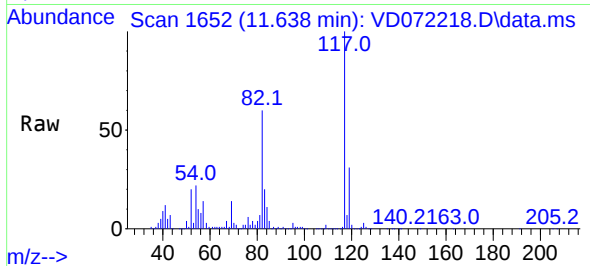




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072218.D
Acq: 16 Mar 2022 15:08

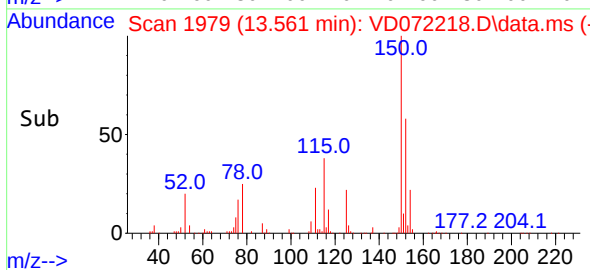
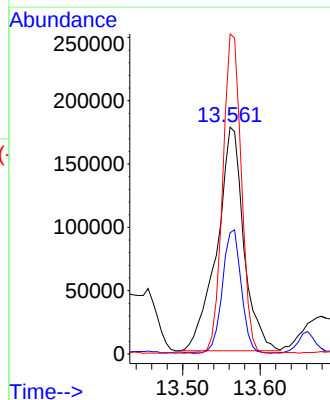
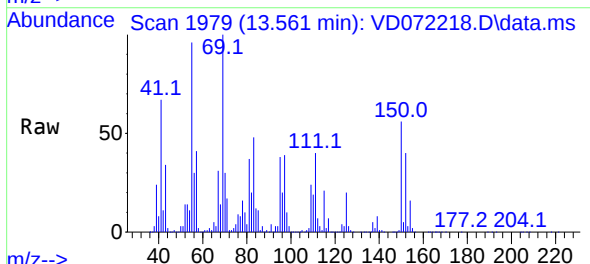
Instrument :
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WC-8-9-2RE

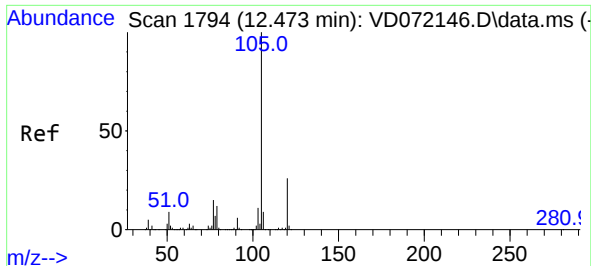
Tgt Ion:117 Resp: 696240
Ion Ratio Lower Upper
117 100
82 38.6 45.3 67.9#
119 31.1 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072218.D
Acq: 16 Mar 2022 15:08

Tgt Ion:152 Resp: 425229
Ion Ratio Lower Upper
152 100
115 38.8 31.3 93.8
150 99.1 0.0 348.6

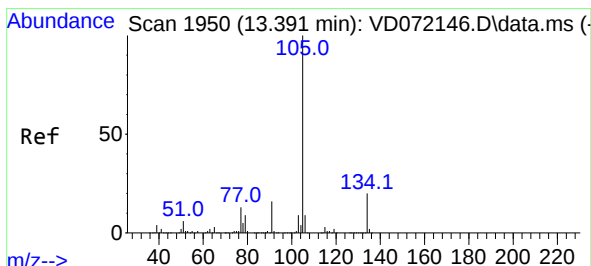
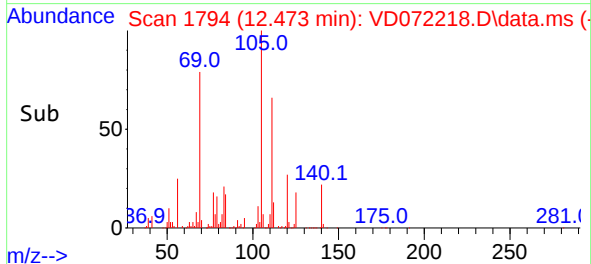
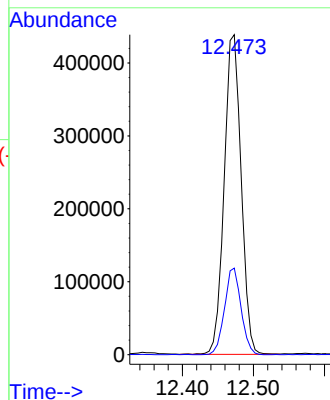
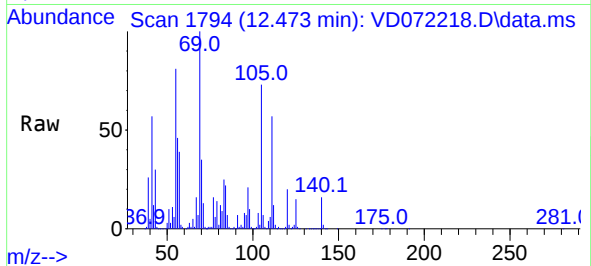




#73
Isopropylbenzene
Concen: 21.513 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD072218.D
Acq: 16 Mar 2022 15:08

Instrument :
MSVOA_D
ClientSampleId :
WC-8-9-2RE

Tgt Ion:105 Resp: 724924
Ion Ratio Lower Upper
105 100
120 26.4 13.0 38.9



#85
sec-Butylbenzene
Concen: 25.664 ug/l
RT: 13.390 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VD072218.D
Acq: 16 Mar 2022 15:08

Tgt Ion:105 Resp: 978184
Ion Ratio Lower Upper
105 100
134 31.1 9.8 29.3#

