

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031622\
 Data File : VD072220.D
 Acq On : 16 Mar 2022 16:05
 Operator : VA/SY
 Sample : N1905-01
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14A-1C-(3.5-4.0)

Quant Time: Mar 16 16:45:49 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)

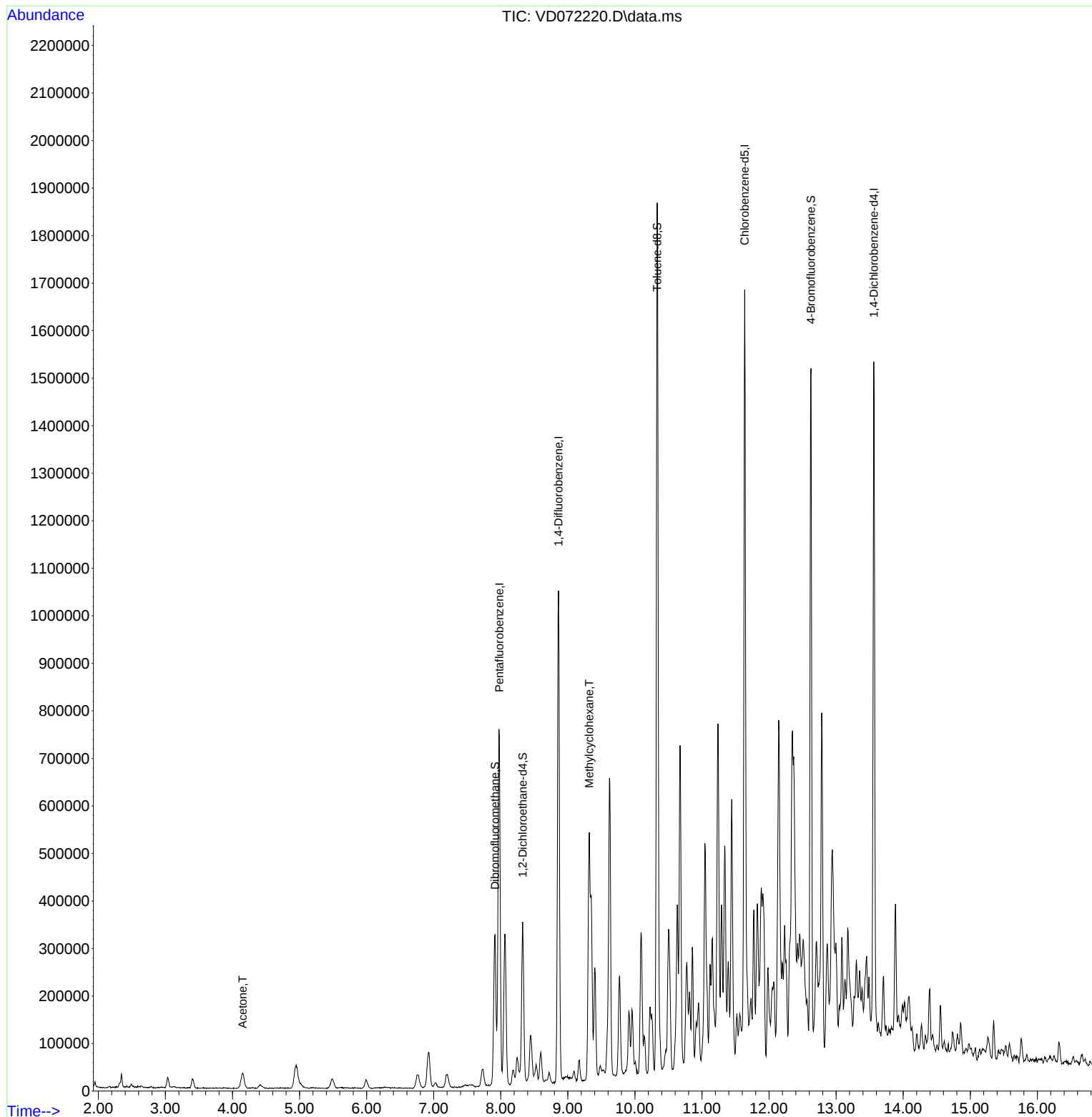
Internal Standards						
1) Pentafluorobenzene	7.979	168	556975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	902052	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	902766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	376894	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	259271	41.770	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.540%
35) Dibromofluoromethane	7.914	113	232633	36.648	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	73.300%
50) Toluene-d8	10.332	98	1117848	48.161	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.320%
62) 4-Bromofluorobenzene	12.626	95	440474	48.840	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.680%
Target Compounds						
					Qvalue	
16) Acetone	4.150	43	50338	37.351	ug/l	95
39) Methylcyclohexane	9.320	83	153161	15.284	ug/l #	40

(#) = 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# 10

Delta R.T. 0.006 min

Lab File: VD072220.D

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MSVOA_D

ClientSampleId :

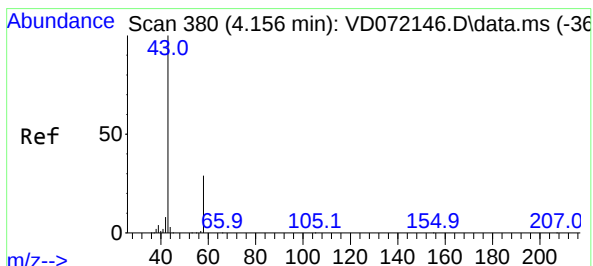
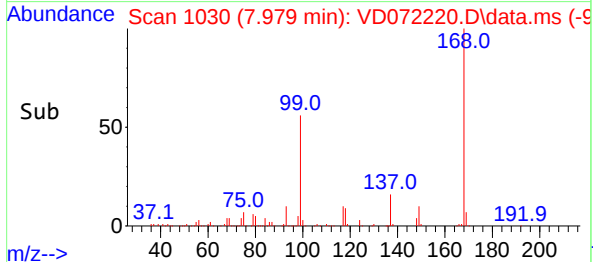
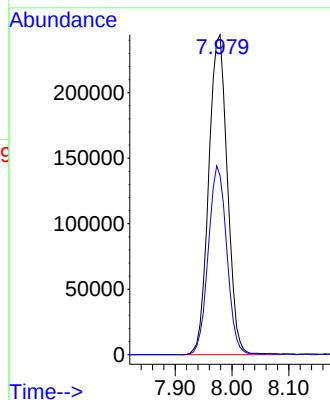
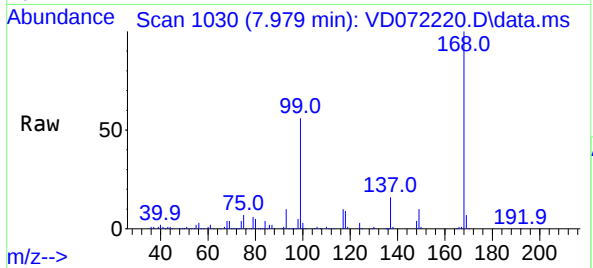
WC-14A-1C-(3.5-4.0)

Tgt Ion:168 Resp: 556975

Ion Ratio Lower Upper

168 100

99 56.0 49.8 74.6



#16

Acetone

Concen: 37.351 ug/l

RT: 4.150 min Scan# 379

Delta R.T. -0.006 min

Lab File: VD072220.D

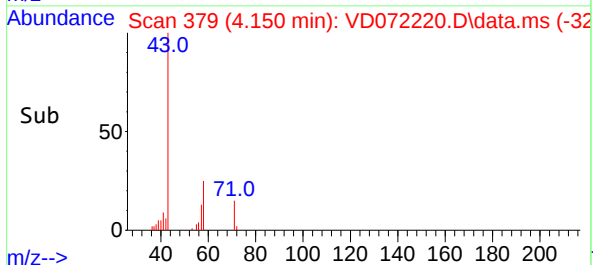
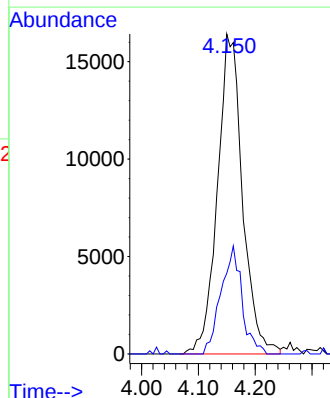
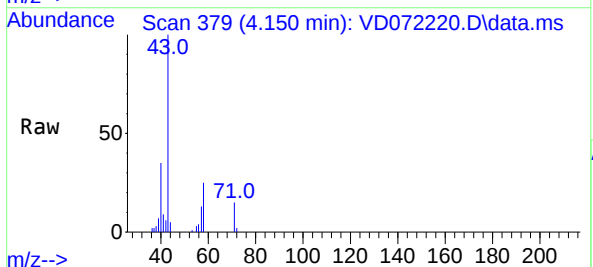
Acq: 16 Mar 2022 16:05

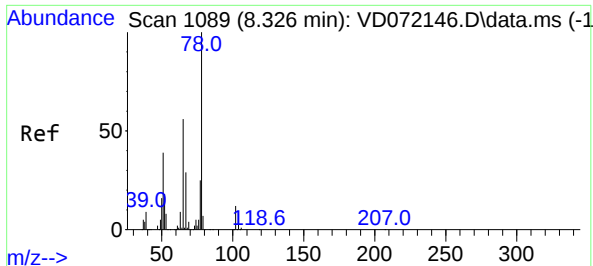
Tgt Ion: 43 Resp: 50338

Ion Ratio Lower Upper

43 100

58 25.2 22.1 33.1





#33

1,2-Dichloroethane-d4

Concen: 41.770 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072220.D

Acq: 16 Mar 2022 16:05

Instrument :

MSVOA_D

ClientSampleId :

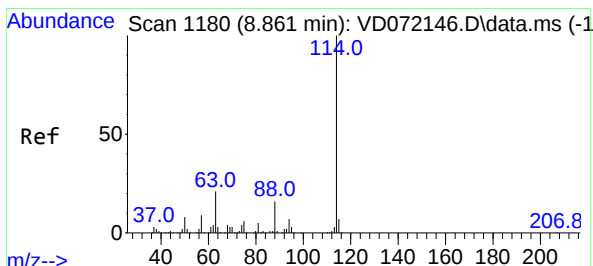
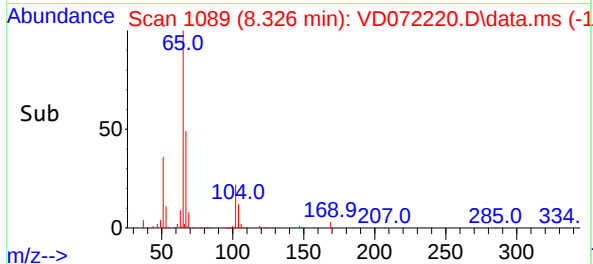
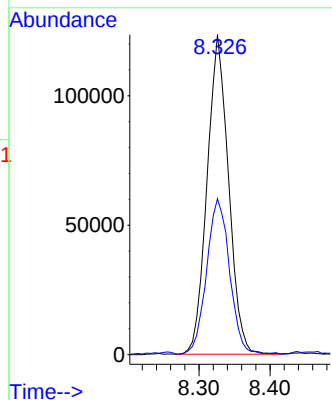
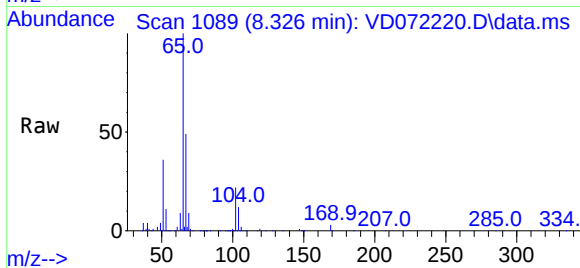
WC-14A-1C-(3.5-4.0)

Tgt Ion: 65 Resp: 259271

Ion Ratio Lower Upper

65 100

67 51.7 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: VD072220.D

Acq: 16 Mar 2022 16:05

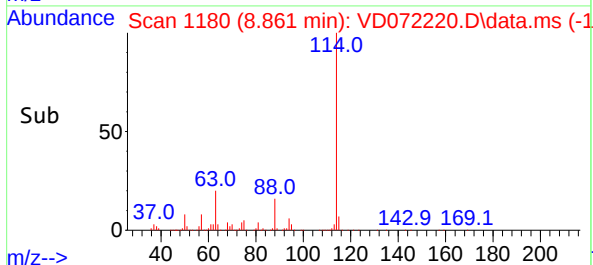
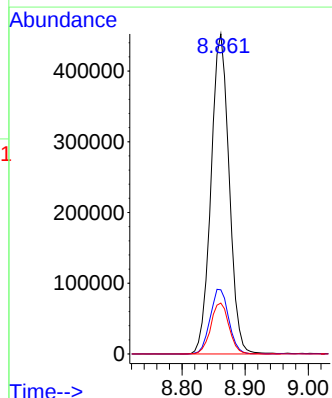
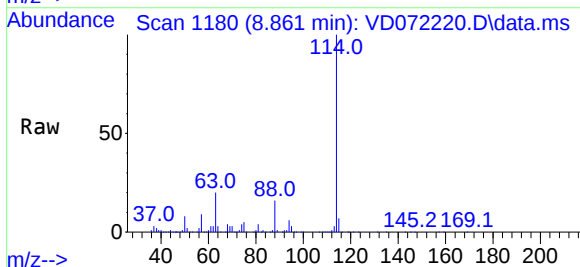
Tgt Ion: 114 Resp: 902052

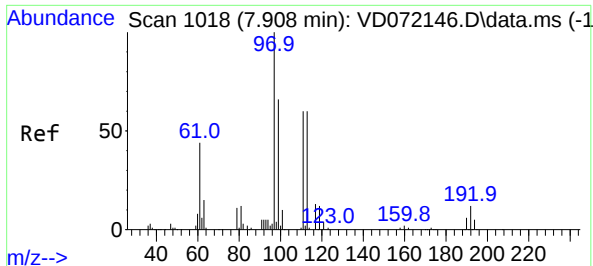
Ion Ratio Lower Upper

114 100

63 20.0 0.0 46.6

88 15.9 0.0 33.2

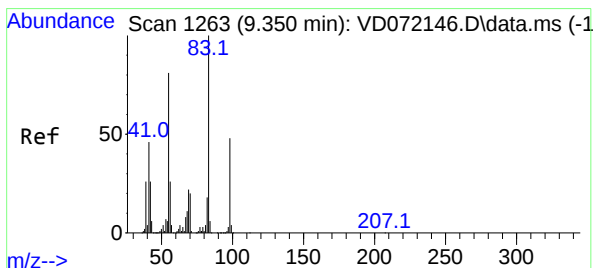
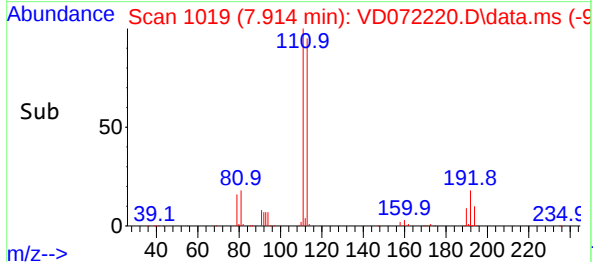
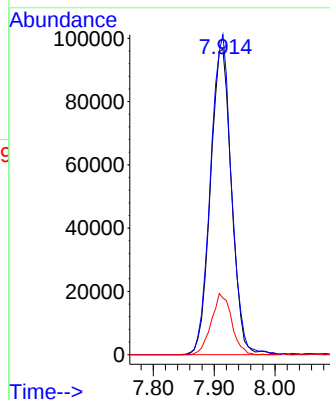
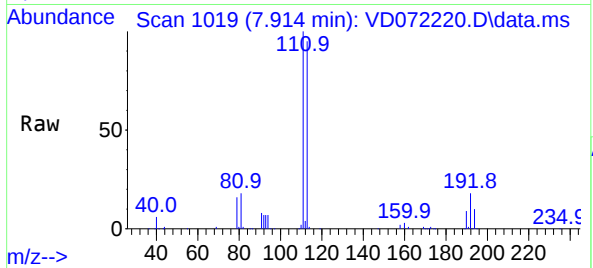




#35
Dibromofluoromethane
Concen: 36.648 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD072220.D
Acq: 16 Mar 2022 16:05

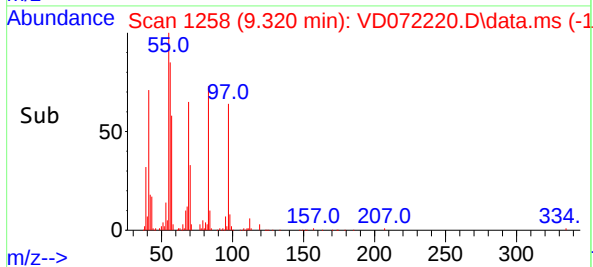
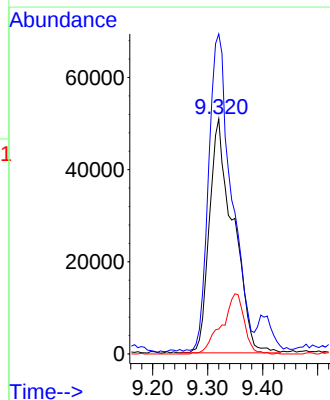
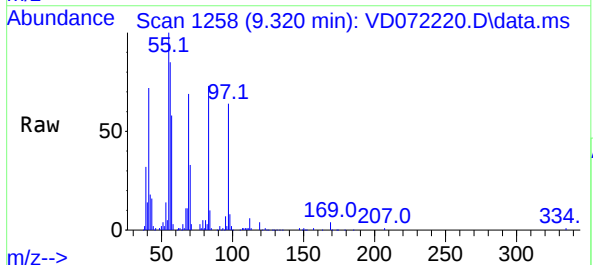
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1C-(3.5-4.0)

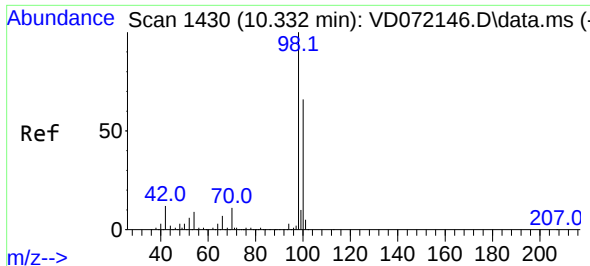
Tgt Ion:113 Resp: 232633
Ion Ratio Lower Upper
113 100
111 104.0 83.8 125.6
192 19.2 14.6 21.8



#39
Methylcyclohexane
Concen: 15.284 ug/l
RT: 9.320 min Scan# 1258
Delta R.T. -0.030 min
Lab File: VD072220.D
Acq: 16 Mar 2022 16:05

Tgt Ion: 83 Resp: 153161
Ion Ratio Lower Upper
83 100
55 134.9 63.2 94.8#
98 10.7 38.2 57.4#

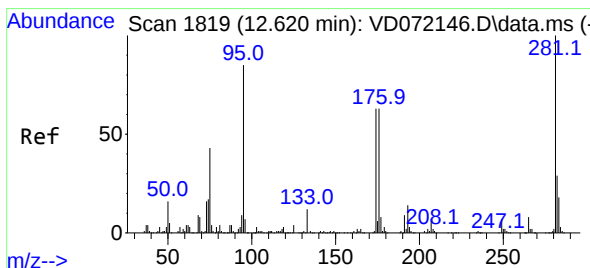
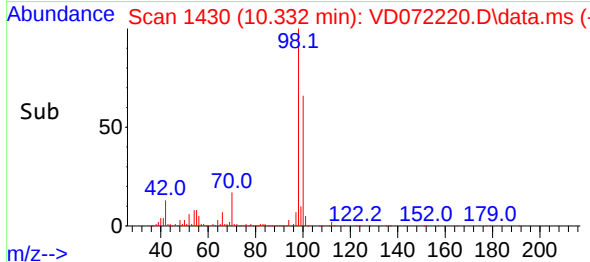
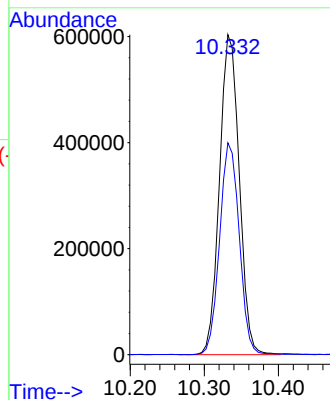
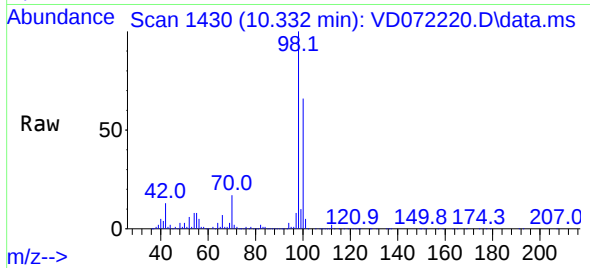




#50
Toluene-d8
Concen: 48.161 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072220.D
Acq: 16 Mar 2022 16:05

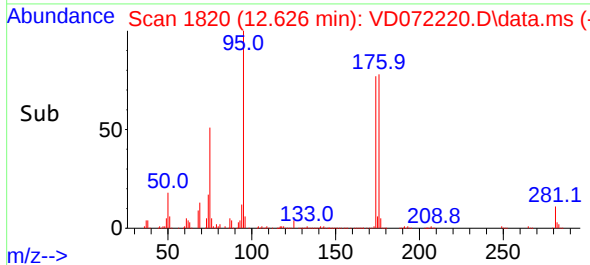
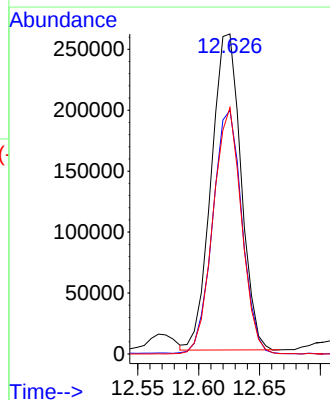
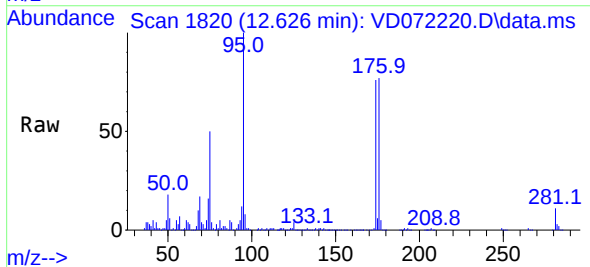
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MSVOA_D
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WC-14A-1C-(3.5-4.0)

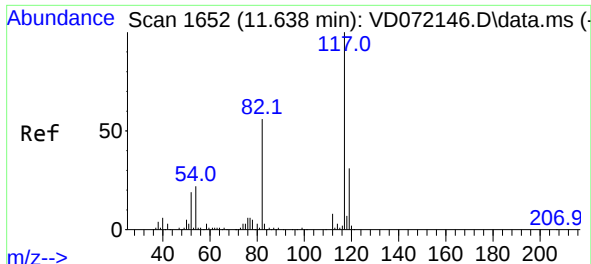
Tgt Ion: 98 Resp: 1117848
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.840 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072220.D
Acq: 16 Mar 2022 16:05

Tgt Ion: 95 Resp: 440474
Ion Ratio Lower Upper
95 100
174 76.0 0.0 152.8
176 74.4 0.0 145.4

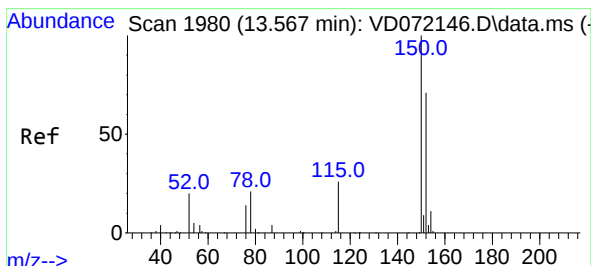
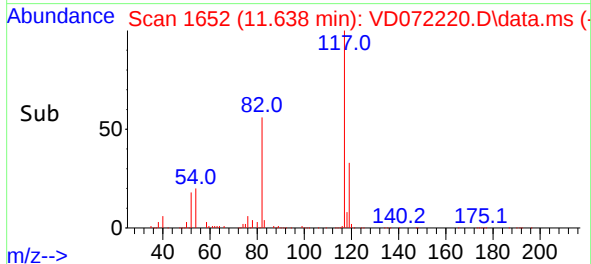
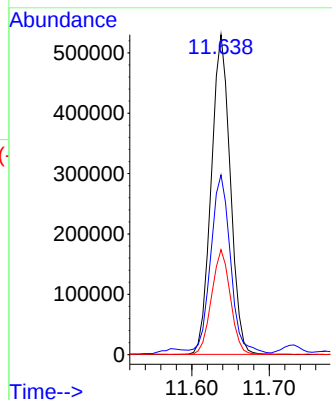
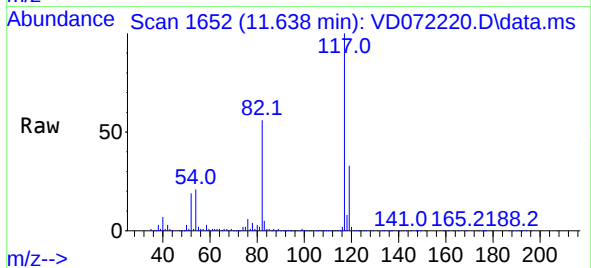




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD072220.D
Acq: 16 Mar 2022 16:05

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1C-(3.5-4.0)

Tgt Ion:117 Resp: 902766
Ion Ratio Lower Upper
117 100
82 54.7 45.3 67.9
119 32.7 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: VD072220.D
Acq: 16 Mar 2022 16:05

Tgt Ion:152 Resp: 376894
Ion Ratio Lower Upper
152 100
115 60.2 31.3 93.8
150 157.2 0.0 348.6

