

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042022\
 Data File : VD072653.D
 Acq On : 20 Apr 2022 18:01
 Operator : VA/SY
 Sample : N2479-02
 Misc : 5.65G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 E14ST-EB4-041922-0-2MS

Quant Time: Apr 21 01:55:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

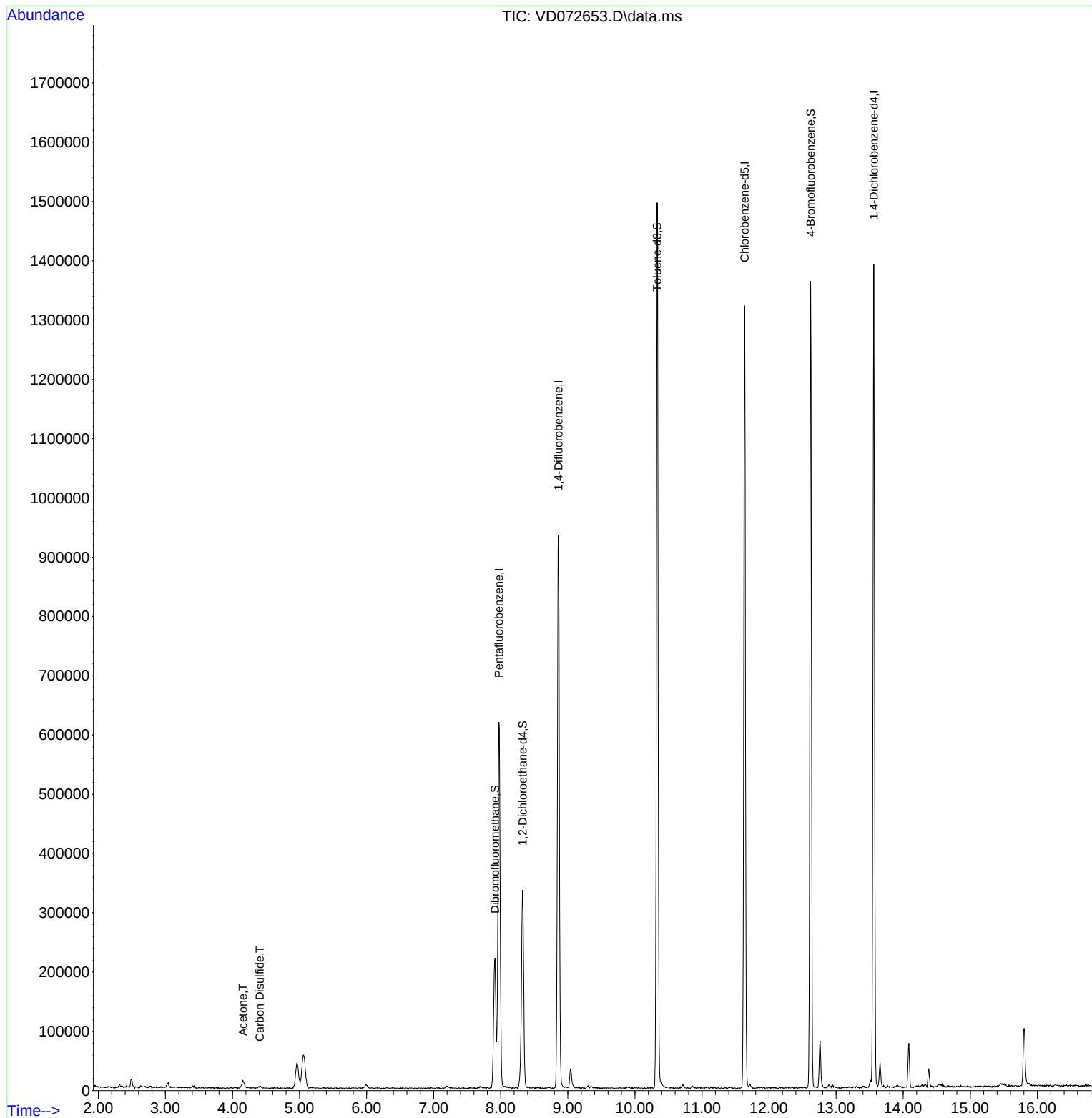
Internal Standards						
1) Pentafluorobenzene	7.973	168	456997	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	828819	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	795827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	367024	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	259401	46.923	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.840%
35) Dibromofluoromethane	7.914	113	161006	24.997	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	50.000%#
50) Toluene-d8	10.332	98	997327	44.544	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.080%
62) 4-Bromofluorobenzene	12.620	95	354079	40.493	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.980%
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	21572	20.927	ug/l	96
17) Carbon Disulfide	4.409	76	7196	4.377	ug/l #	87

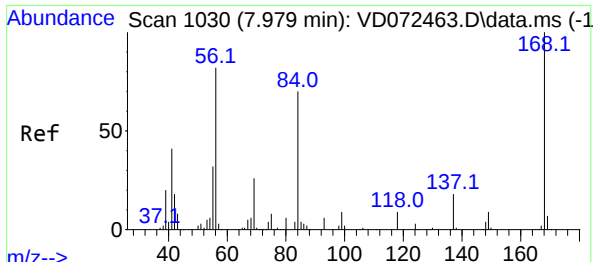
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD072653.D

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Instrument :

MSVOA_D

ClientSampleId :

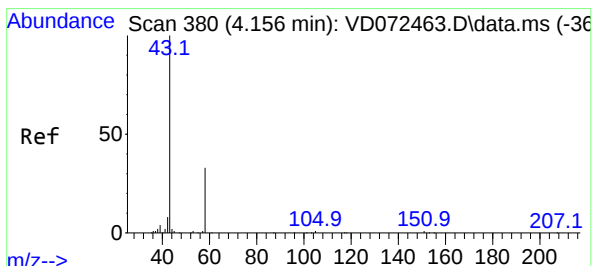
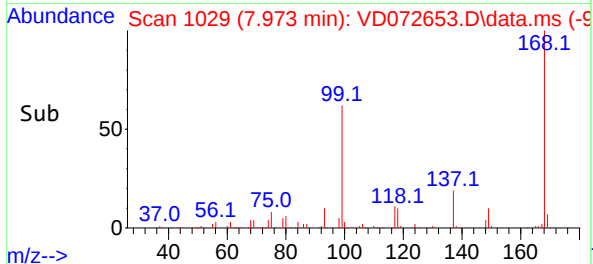
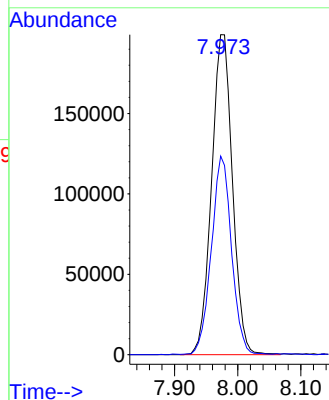
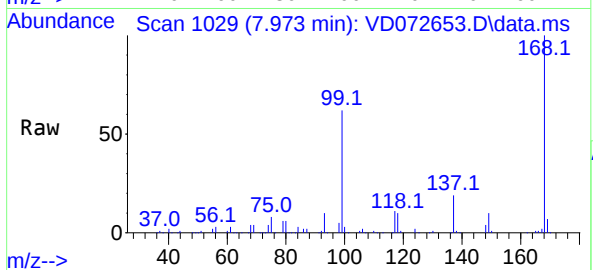
E14ST-EB4-041922-0-2MS

Tgt Ion:168 Resp: 456997

Ion Ratio Lower Upper

168 100

99 62.0 49.8 74.6



#16

Acetone

Concen: 20.927 ug/l

RT: 4.156 min Scan# 380

Delta R.T. -0.000 min

Lab File: VD072653.D

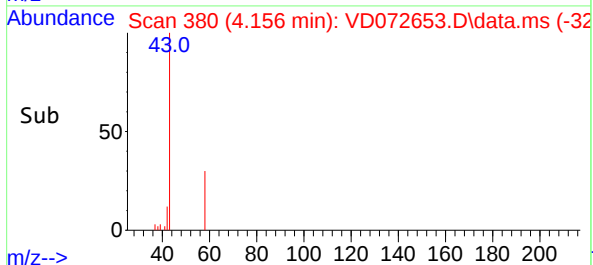
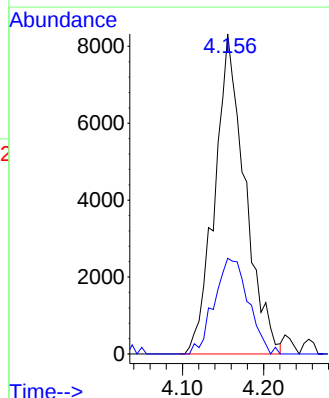
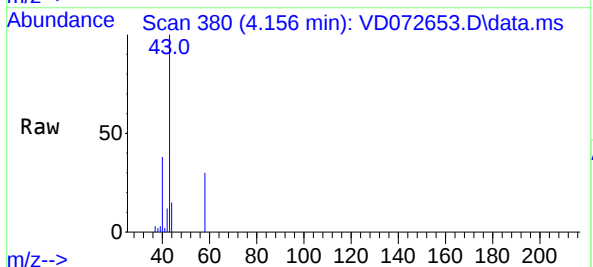
Acq: 20 Apr 2022 18:01

Tgt Ion: 43 Resp: 21572

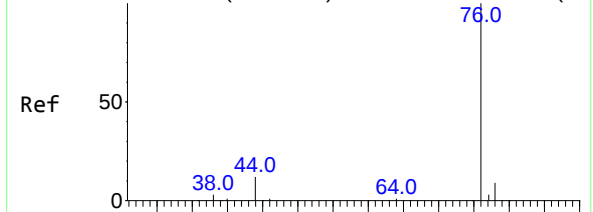
Ion Ratio Lower Upper

43 100

58 29.9 22.1 33.1

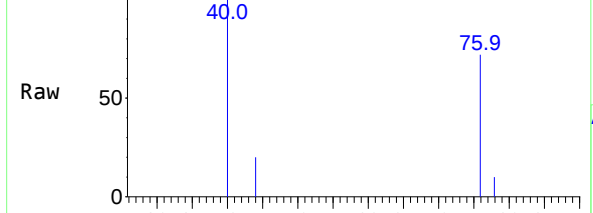


Abundance Scan 424 (4.414 min): VD072463.D\data.ms (-1)



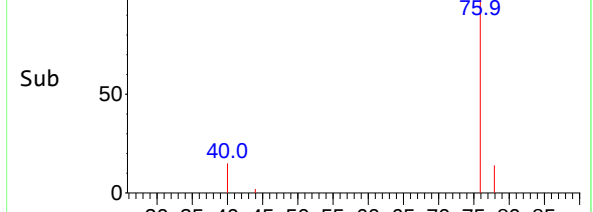
m/z-->

Abundance Scan 423 (4.409 min): VD072653.D\data.ms



m/z-->

Abundance Scan 423 (4.409 min): VD072653.D\data.ms (-37)



m/z-->

#17

Carbon Disulfide

Concen: 4.377 ug/l

RT: 4.409 min Scan# 41

Delta R.T. -0.005 min

Lab File: VD072653.D

Acq: 20 Apr 2022 18:01

Instrument :

MSVOA_D

ClientSampleId :

E14ST-EB4-041922-0-2MS

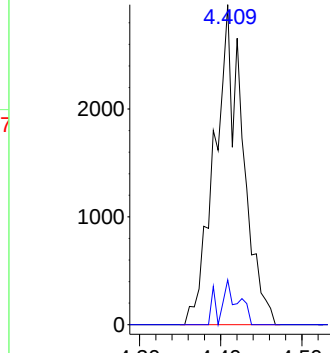
Tgt Ion: 76 Resp: 7196

Ion Ratio Lower Upper

76 100

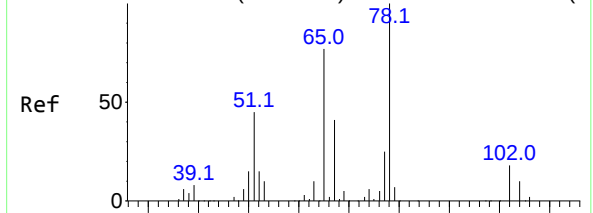
78 14.0 7.5 11.3#

Abundance



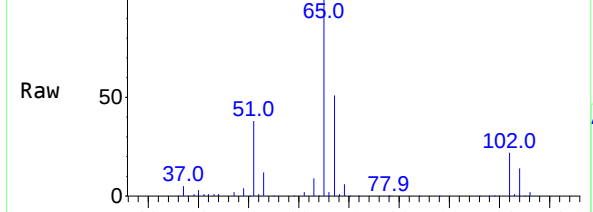
Time-->

Abundance Scan 1089 (8.326 min): VD072463.D\data.ms (-1)



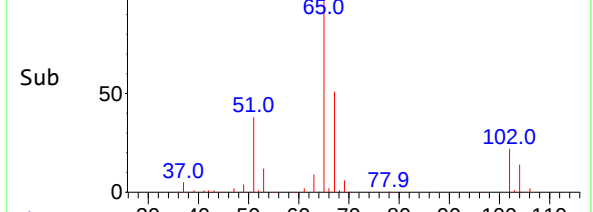
m/z-->

Abundance Scan 1089 (8.326 min): VD072653.D\data.ms



m/z-->

Abundance Scan 1089 (8.326 min): VD072653.D\data.ms (-1)



m/z-->

#33

1,2-Dichloroethane-d4

Concen: 46.923 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072653.D

Acq: 20 Apr 2022 18:01

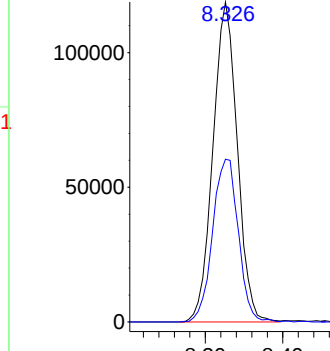
Tgt Ion: 65 Resp: 259401

Ion Ratio Lower Upper

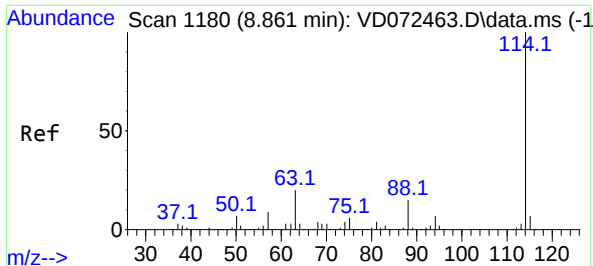
65 100

67 53.6 0.0 101.4

Abundance



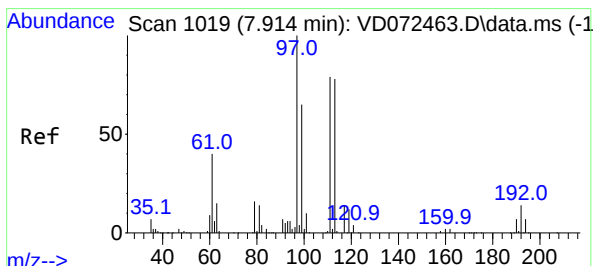
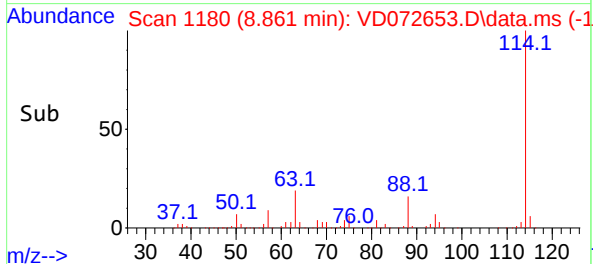
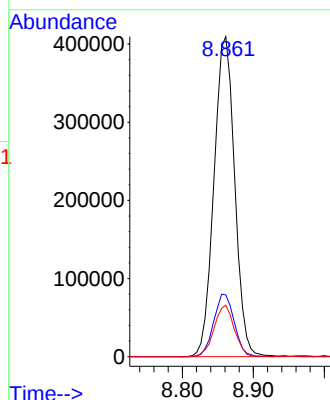
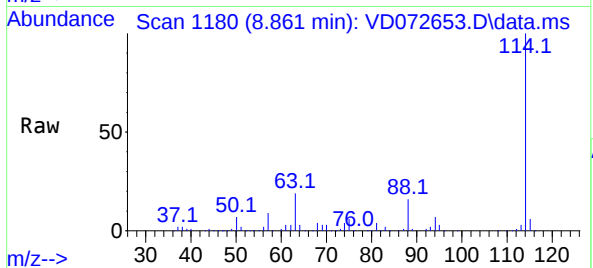
Time-->



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072653.D
Acq: 20 Apr 2022 18:01

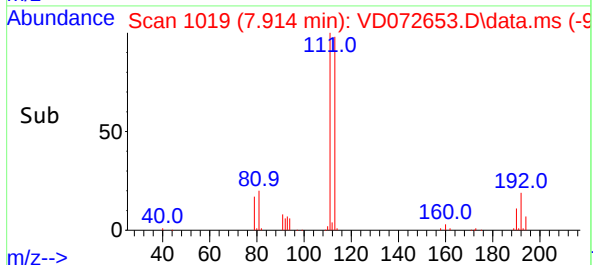
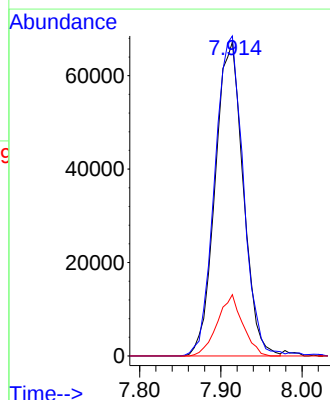
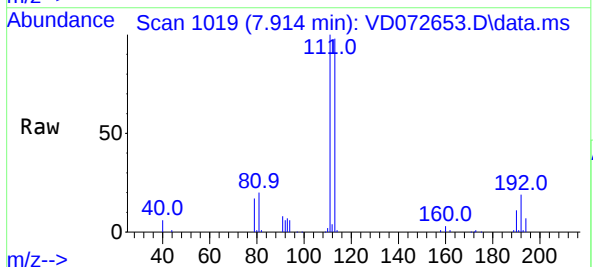
Instrument :
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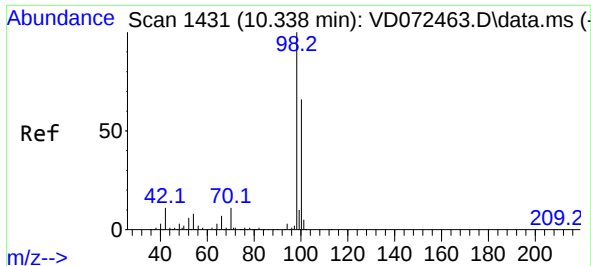
Tgt Ion:114 Resp: 828819
Ion Ratio Lower Upper
114 100
63 19.3 0.0 46.6
88 16.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 24.997 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD072653.D
Acq: 20 Apr 2022 18:01

Tgt Ion:113 Resp: 161006
Ion Ratio Lower Upper
113 100
111 103.7 83.8 125.6
192 17.7 14.6 21.8

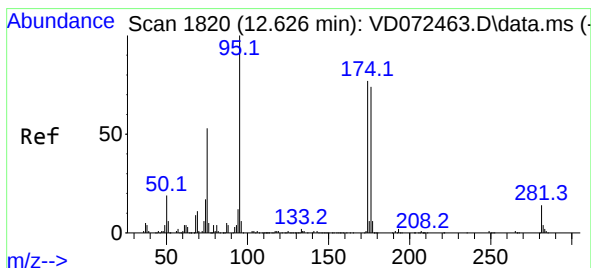
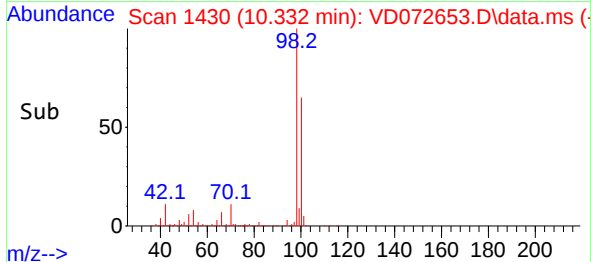
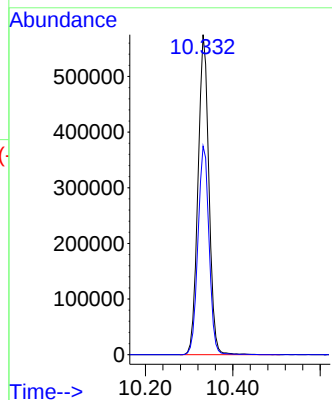
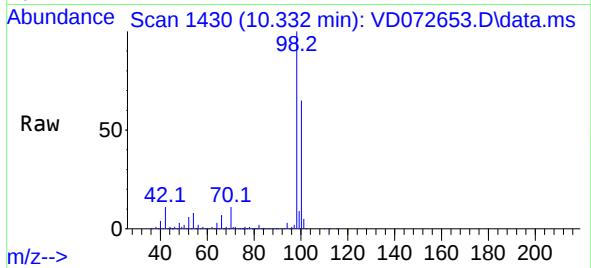




#50
Toluene-d8
Concen: 44.544 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072653.D
Acq: 20 Apr 2022 18:01

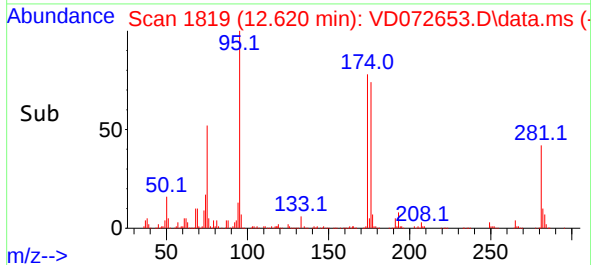
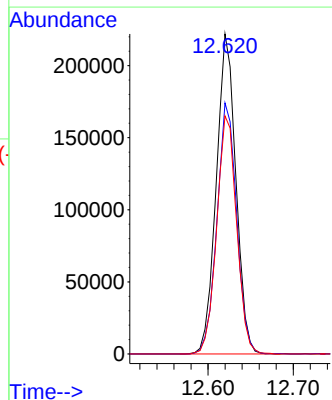
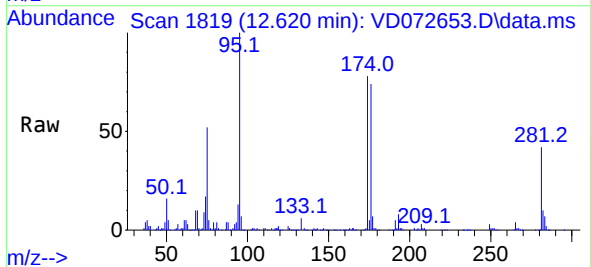
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MSVOA_D
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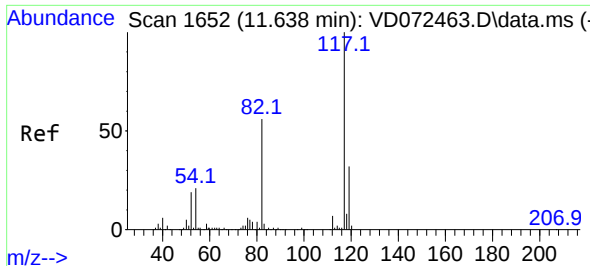
Tgt Ion: 98 Resp: 997327
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 40.493 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072653.D
Acq: 20 Apr 2022 18:01

Tgt Ion: 95 Resp: 354079
Ion Ratio Lower Upper
95 100
174 78.9 0.0 152.8
176 75.6 0.0 145.4

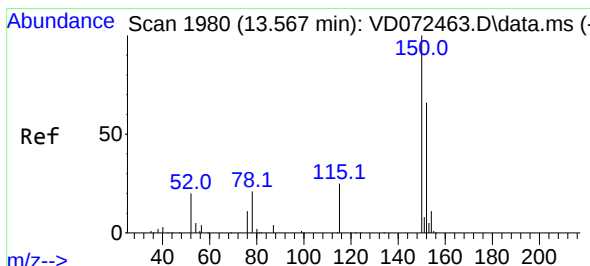
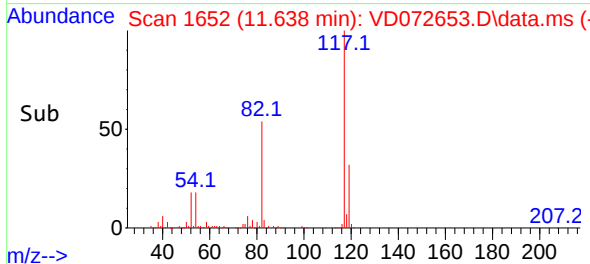
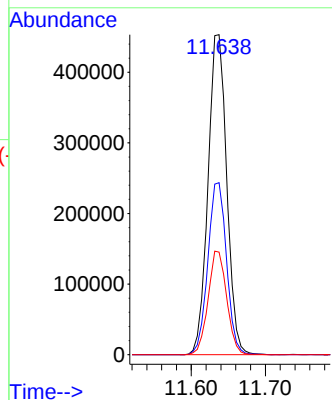
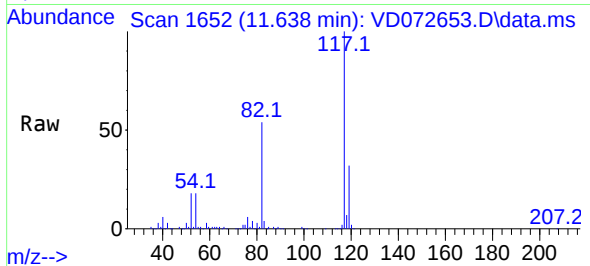




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072653.D
Acq: 20 Apr 2022 18:01

Instrument :
MSVOA_D
ClientSampleId :
E14ST-EB4-041922-0-2MS

Tgt Ion:117 Resp: 795827
Ion Ratio Lower Upper
117 100
82 53.8 45.3 67.9
119 32.0 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: VD072653.D
Acq: 20 Apr 2022 18:01

Tgt Ion:152 Resp: 367024
Ion Ratio Lower Upper
152 100
115 60.9 31.3 93.8
150 156.7 0.0 348.6

