

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042122\
 Data File : VD072680.D
 Acq On : 21 Apr 2022 19:38
 Operator : VA/SY
 Sample : N2514-01
 Misc : 4.97G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-16-1A-5-GR

Quant Time: Apr 22 03:42:55 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)

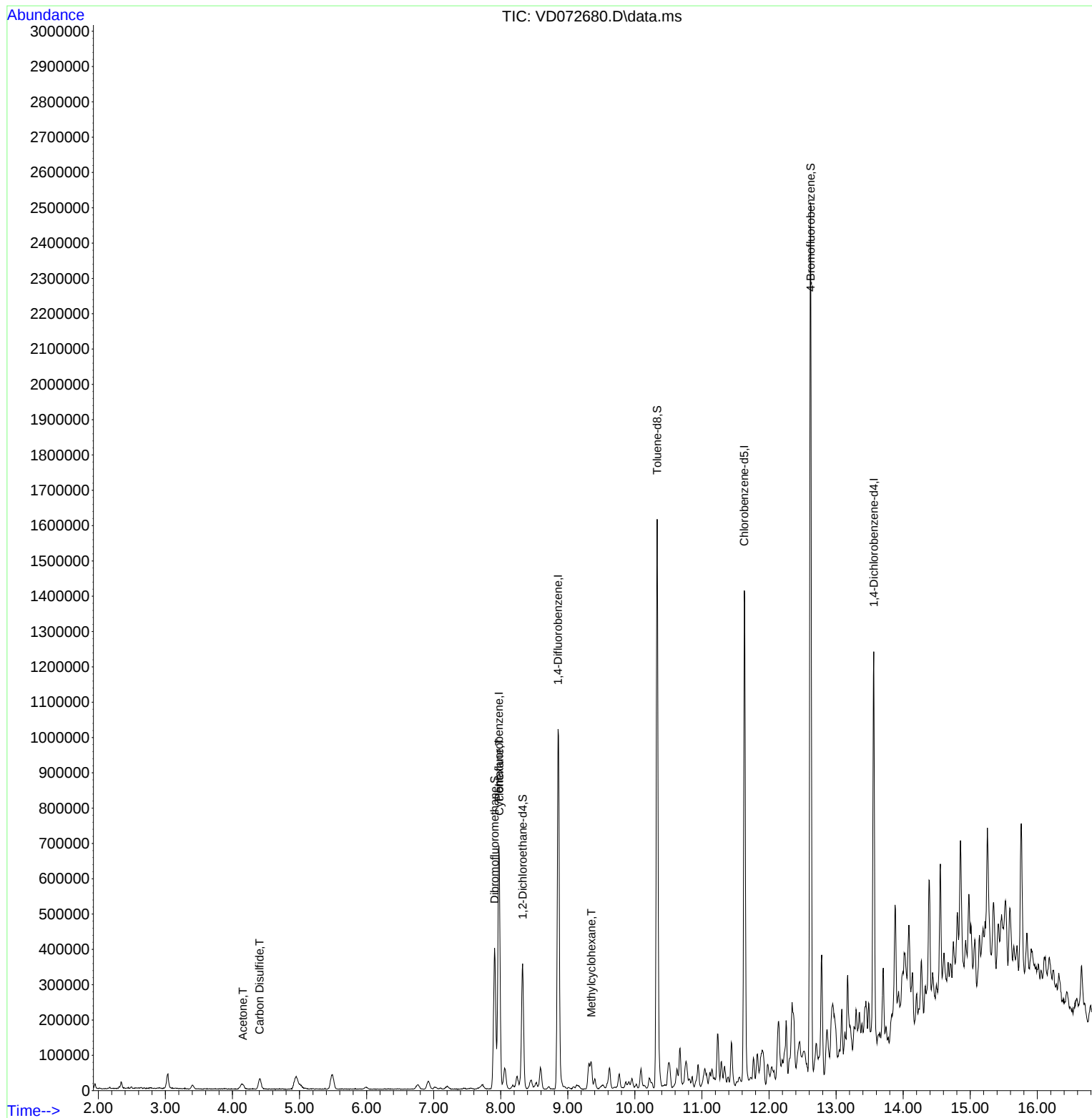
Internal Standards						
1) Pentafluorobenzene	7.973	168	501955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	886654	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	816076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	303089	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	277090	45.633	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.260%
35) Dibromofluoromethane	7.909	113	284553	41.296	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.600%
50) Toluene-d8	10.332	98	1064669	44.450	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.900%
62) 4-Bromofluorobenzene	12.620	95	369655	39.517	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.040%
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	19171	16.932	ug/l #	81
17) Carbon Disulfide	4.403	76	64621	9.764	ug/l	97
31) Cyclohexane	7.979	56	17285	2.177	ug/l #	1
39) Methylcyclohexane	9.350	83	30883	5.715	ug/l	93

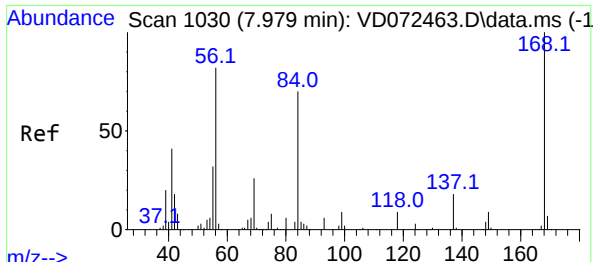
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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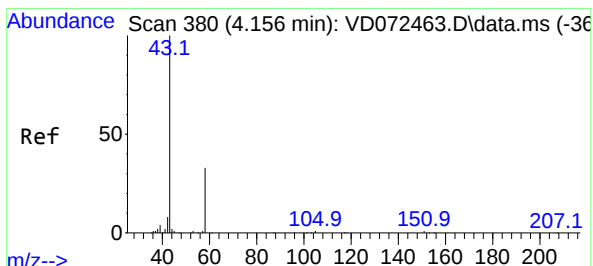
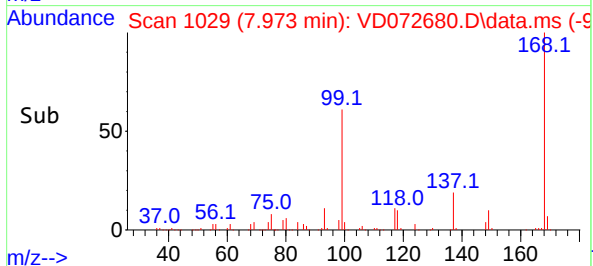
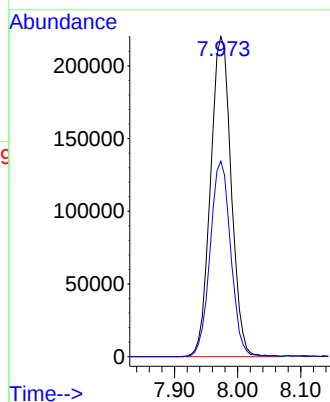
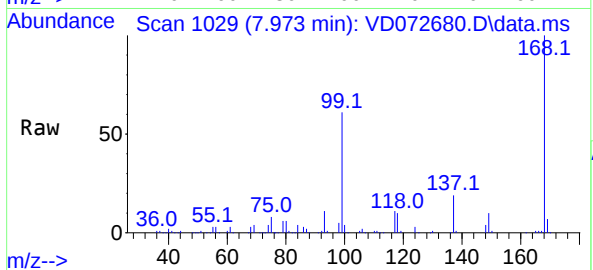




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072680.D
Acq: 21 Apr 2022 19:38

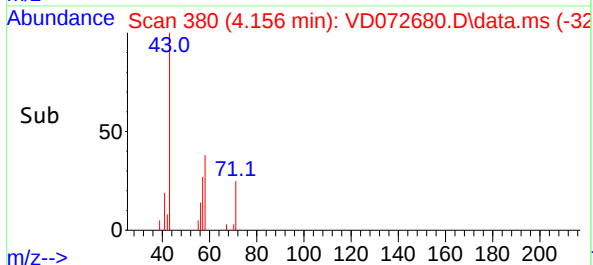
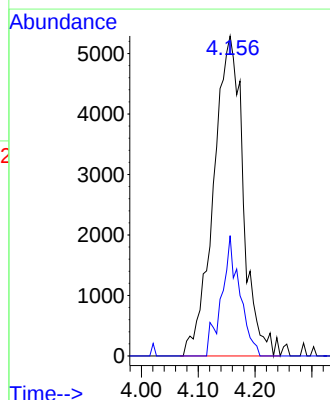
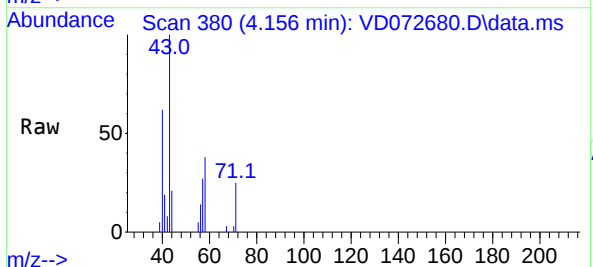
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-5-GR

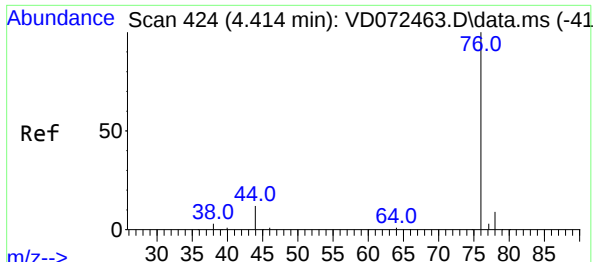
Tgt Ion:168 Resp: 501955
Ion Ratio Lower Upper
168 100
99 61.1 49.8 74.6



#16
Acetone
Concen: 16.932 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD072680.D
Acq: 21 Apr 2022 19:38

Tgt Ion: 43 Resp: 19171
Ion Ratio Lower Upper
43 100
58 37.6 22.1 33.1#





#17

Carbon Disulfide

Concen: 9.764 ug/l

RT: 4.403 min Scan# 41

Delta R.T. -0.011 min

Lab File: VD072680.D

Acq: 21 Apr 2022 19:38

Instrument :

MSVOA_D

ClientSampleId :

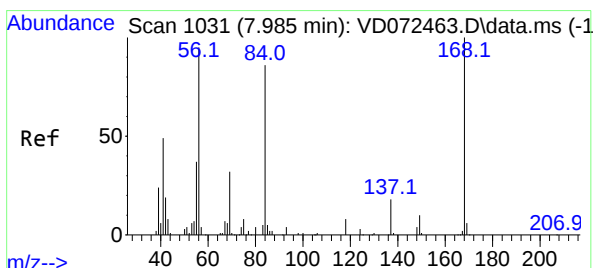
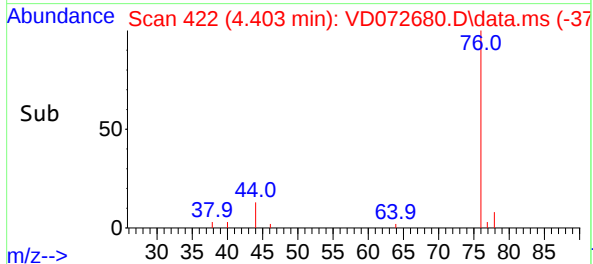
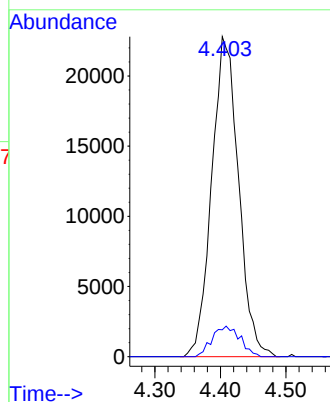
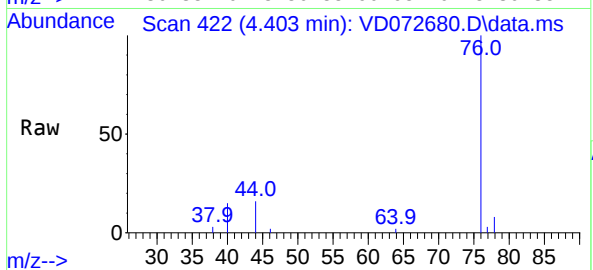
WC-16-1A-5-GR

Tgt Ion: 76 Resp: 64621

Ion Ratio Lower Upper

76 100

78 8.4 7.5 11.3



#31

Cyclohexane

Concen: 2.177 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD072680.D

Acq: 21 Apr 2022 19:38

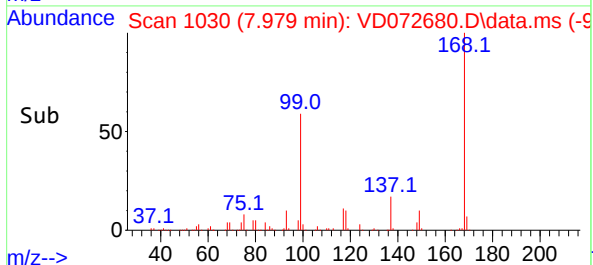
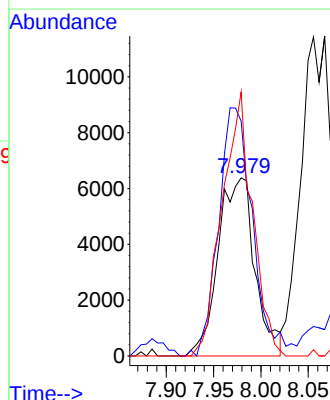
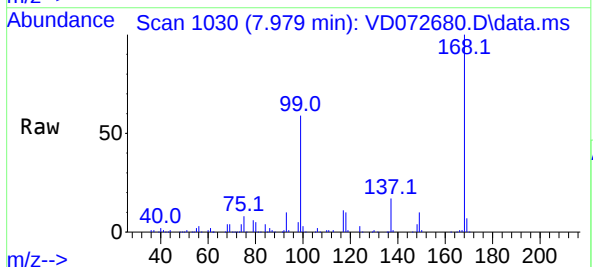
Tgt Ion: 56 Resp: 17285

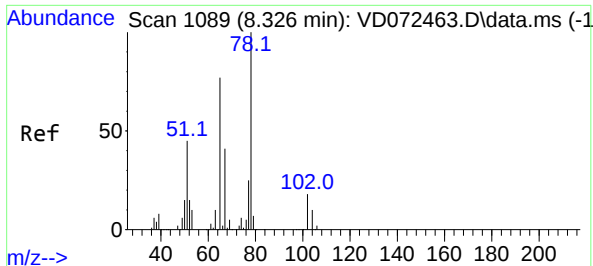
Ion Ratio Lower Upper

56 100

69 131.8 25.4 38.2#

84 148.3 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 45.633 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VD072680.D

Acq: 21 Apr 2022 19:38

Instrument :

MSVOA_D

ClientSampleId :

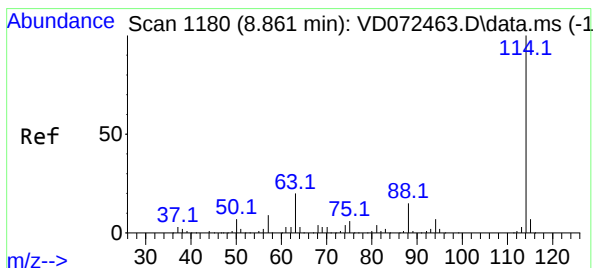
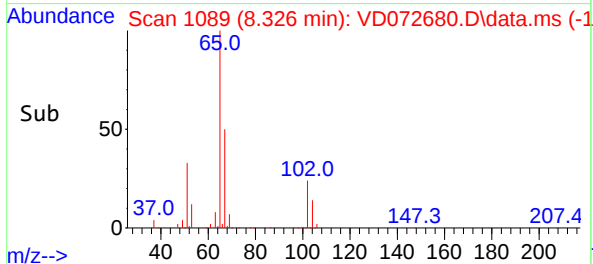
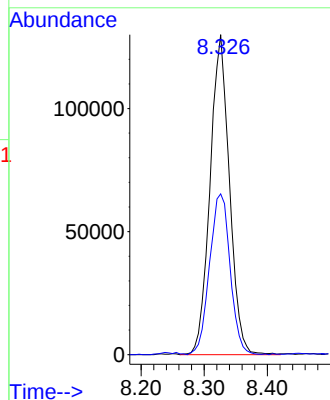
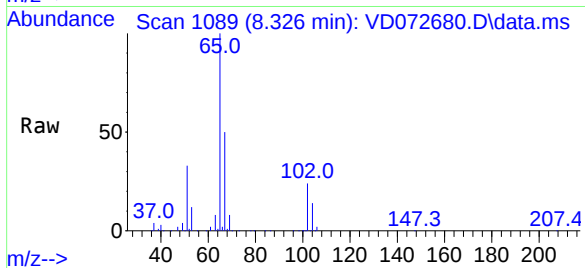
WC-16-1A-5-GR

Tgt Ion: 65 Resp: 277090

Ion Ratio Lower Upper

65 100

67 53.4 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD072680.D

Acq: 21 Apr 2022 19:38

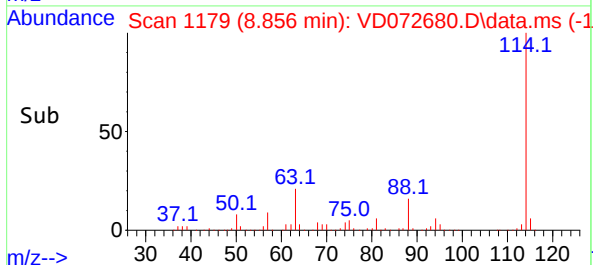
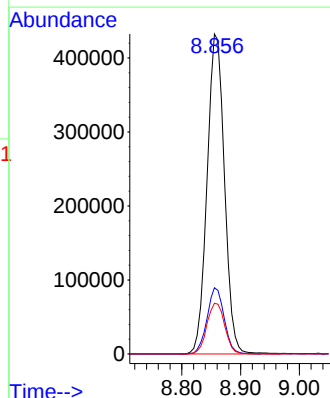
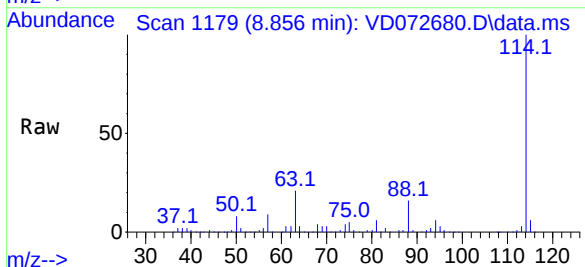
Tgt Ion: 114 Resp: 886654

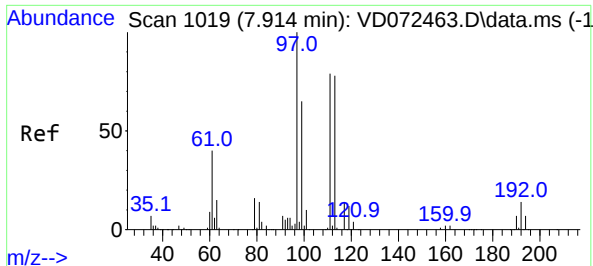
Ion Ratio Lower Upper

114 100

63 20.7 0.0 46.6

88 15.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 41.296 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD072680.D

Acq: 21 Apr 2022 19:38

Instrument :

MSVOA_D

ClientSampleId :

WC-16-1A-5-GR

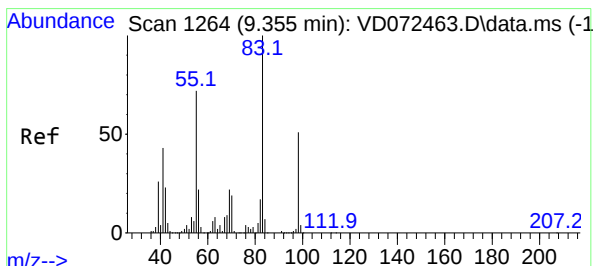
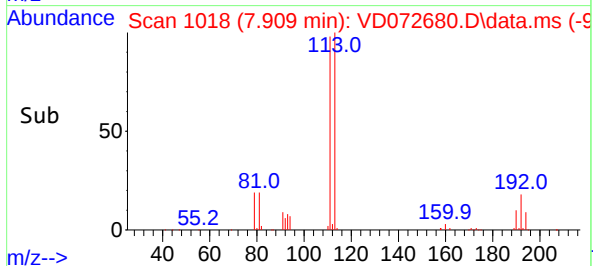
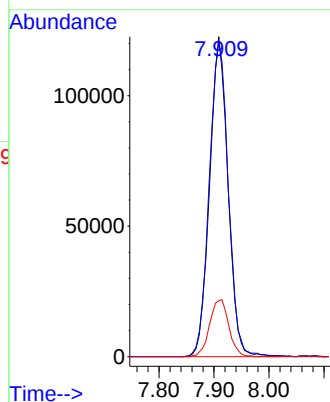
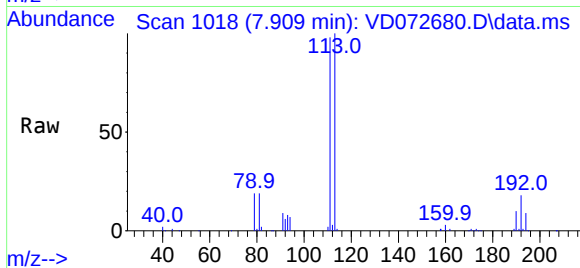
Tgt Ion:113 Resp: 284553

Ion Ratio Lower Upper

113 100

111 102.1 83.8 125.6

192 18.6 14.6 21.8



#39

Methylcyclohexane

Concen: 5.715 ug/l

RT: 9.350 min Scan# 1263

Delta R.T. -0.005 min

Lab File: VD072680.D

Acq: 21 Apr 2022 19:38

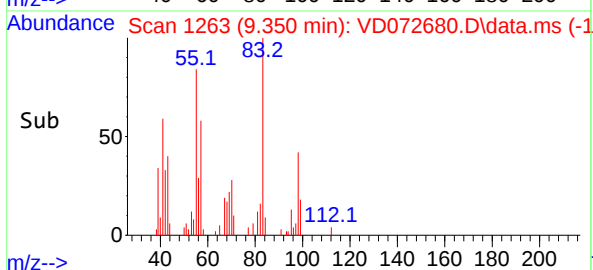
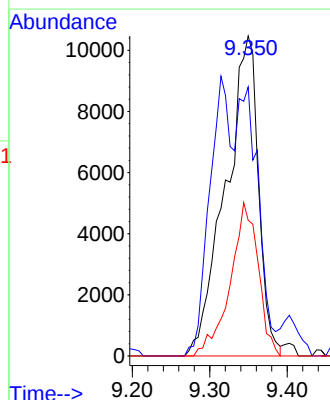
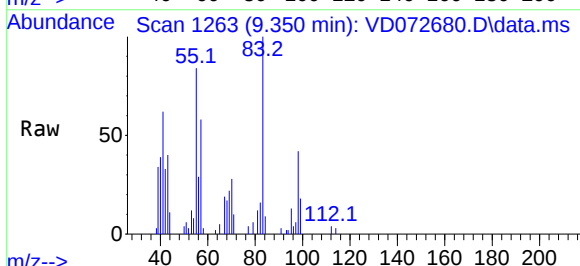
Tgt Ion: 83 Resp: 30883

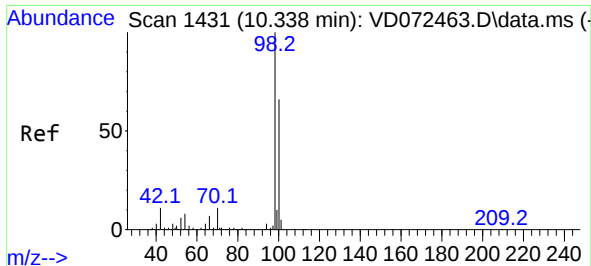
Ion Ratio Lower Upper

83 100

55 84.0 63.2 94.8

98 42.4 38.2 57.4

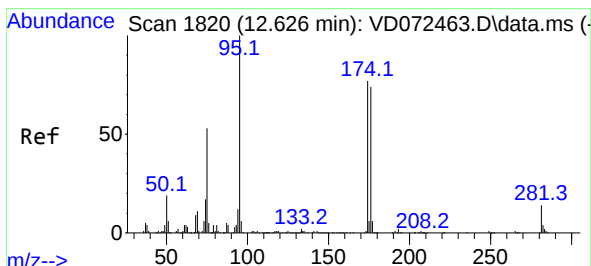
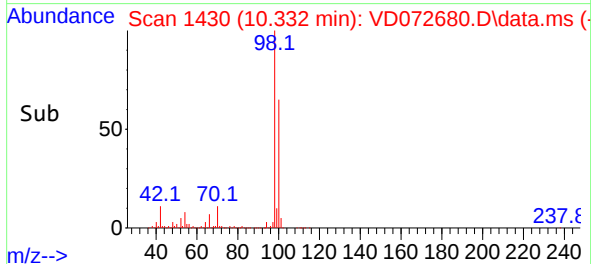
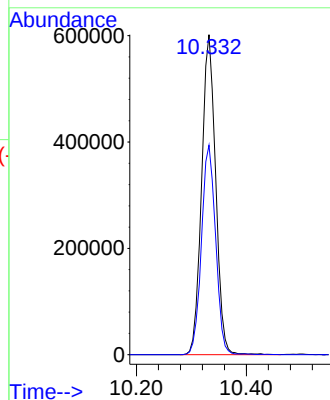
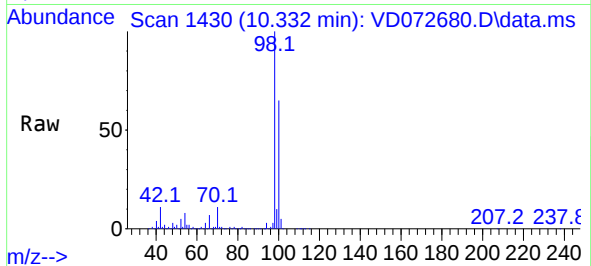




#50
Toluene-d8
Concen: 44.450 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072680.D
Acq: 21 Apr 2022 19:38

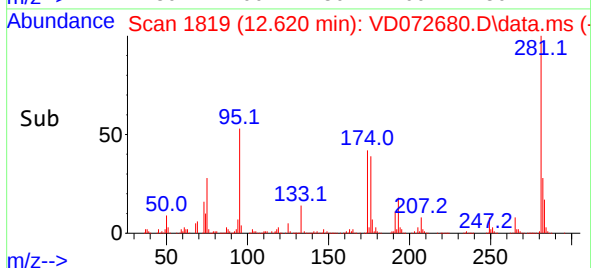
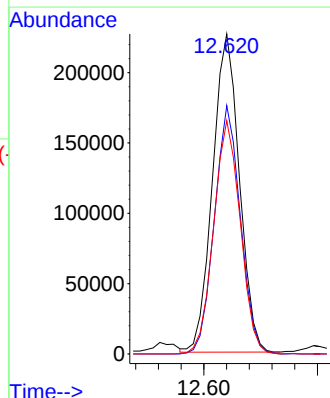
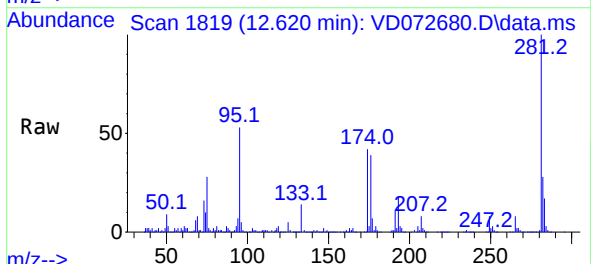
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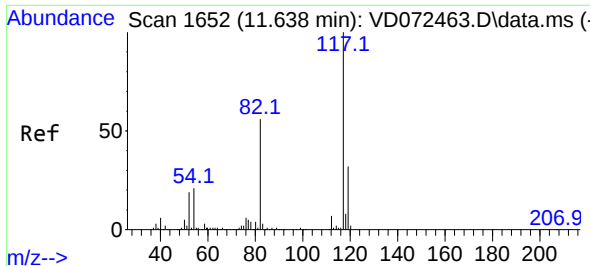
Tgt Ion: 98 Resp: 1064669
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 39.517 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072680.D
Acq: 21 Apr 2022 19:38

Tgt Ion: 95 Resp: 369655
Ion Ratio Lower Upper
95 100
174 75.7 0.0 152.8
176 72.9 0.0 145.4

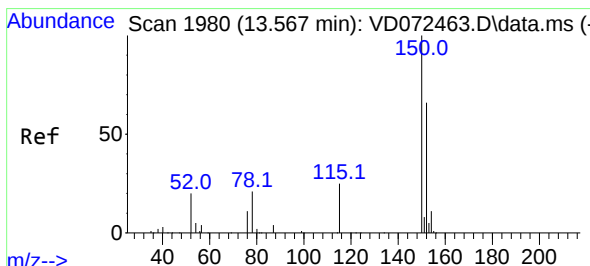
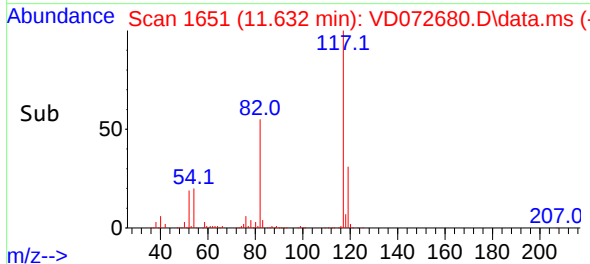
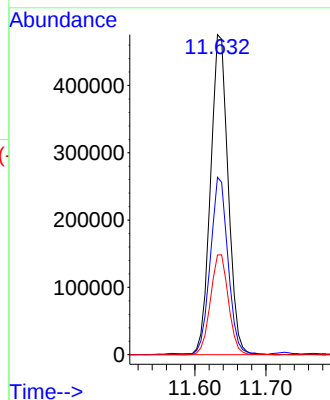
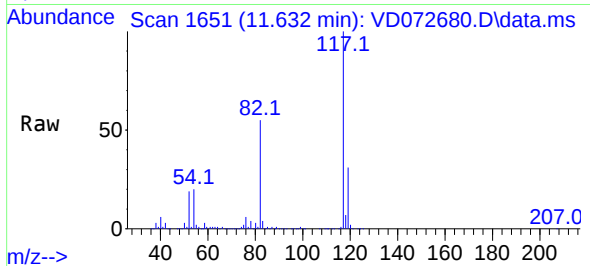




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD072680.D
Acq: 21 Apr 2022 19:38

Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-5-GR

Tgt Ion:117 Resp: 816076
Ion Ratio Lower Upper
117 100
82 55.2 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: VD072680.D
Acq: 21 Apr 2022 19:38

Tgt Ion:152 Resp: 303089
Ion Ratio Lower Upper
152 100
115 60.7 31.3 93.8
150 155.7 0.0 348.6

