

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052122\
 Data File : VD073254.D
 Acq On : 22 May 2022 04:36
 Operator : VA/SY
 Sample : N2920-07
 Misc : 4.87G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P024-SS001-0612-01

Quant Time: May 23 01:12:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

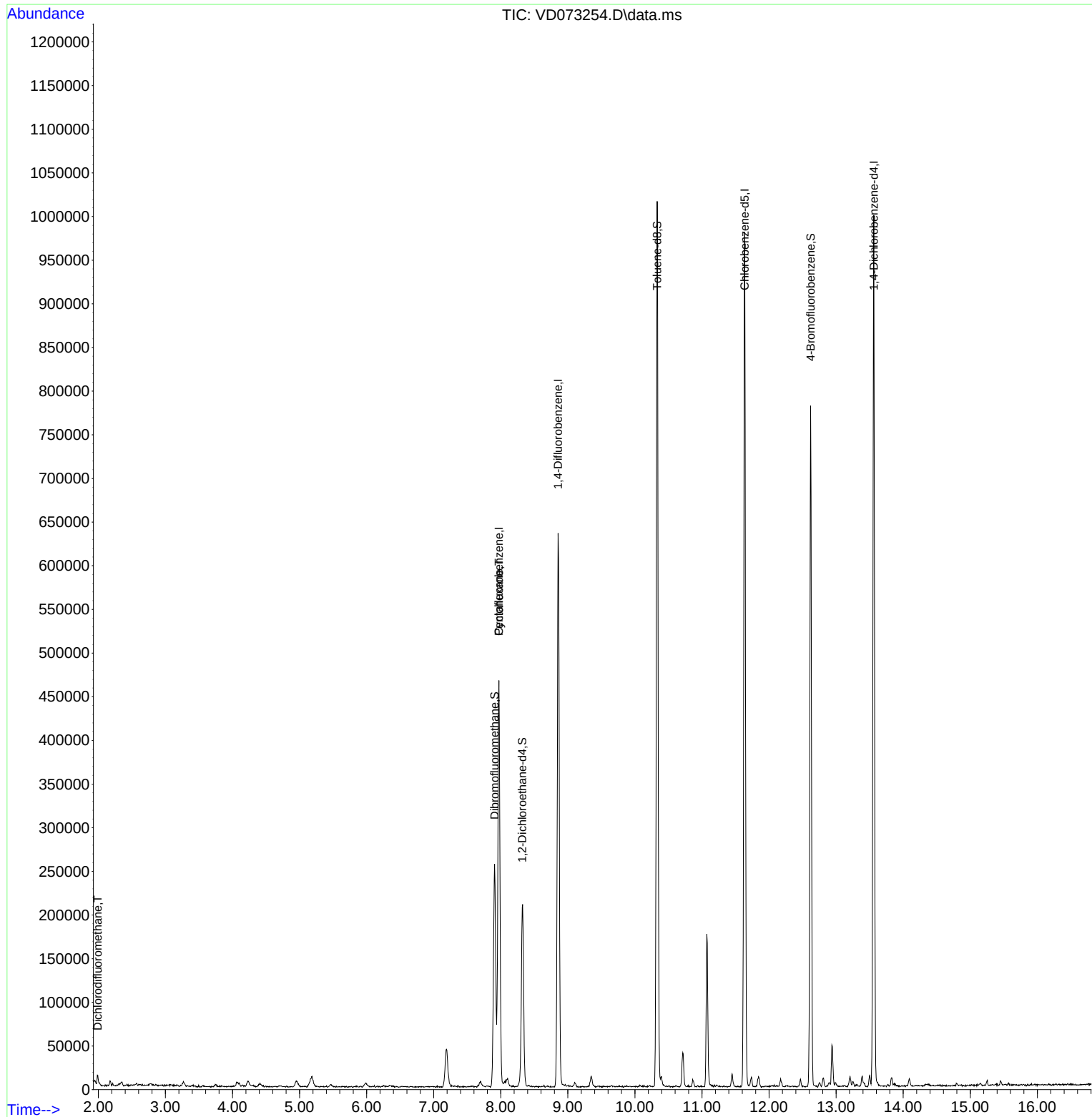
Internal Standards						
1) Pentafluorobenzene	7.973	168	324268	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	543963	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	571160	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	255685	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	165227	46.106	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.220%
35) Dibromofluoromethane	7.908	113	183279	51.061	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.120%
50) Toluene-d8	10.332	98	674386	50.968	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.940%
62) 4-Bromofluorobenzene	12.620	95	246818	53.154	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	7733	2.387	ug/l	92
31) Cyclohexane	7.973	56	11533	1.842	ug/l #	1

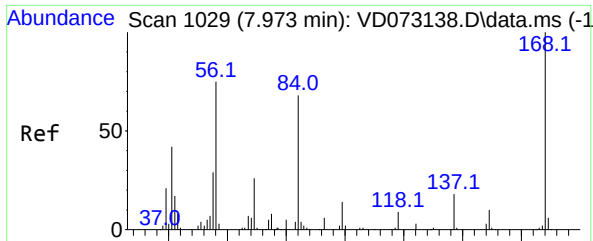
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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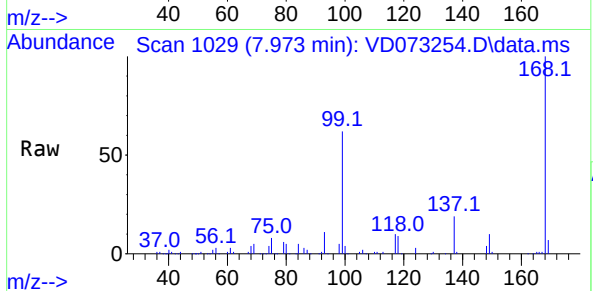
Quant Time: May 23 01:12:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
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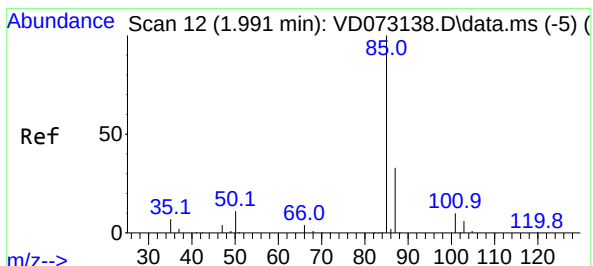
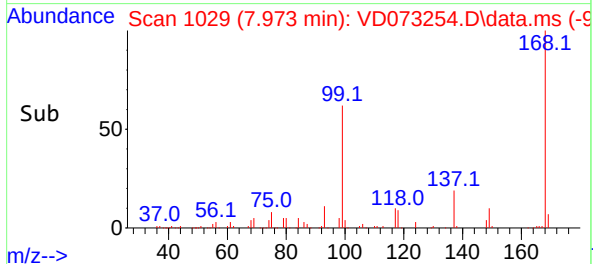
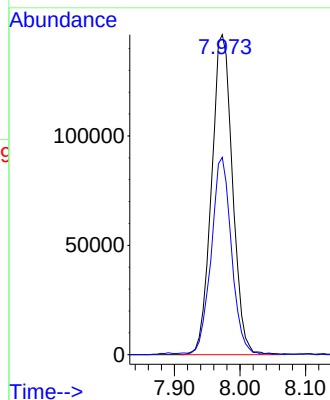


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD073254.D
Acq: 22 May 2022 04:36

Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-0612-01

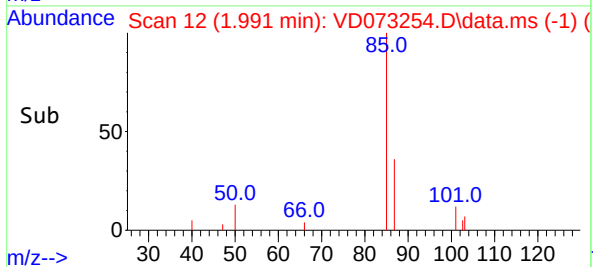
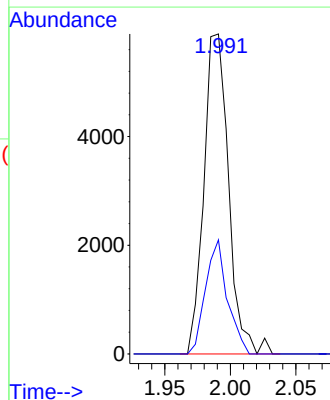
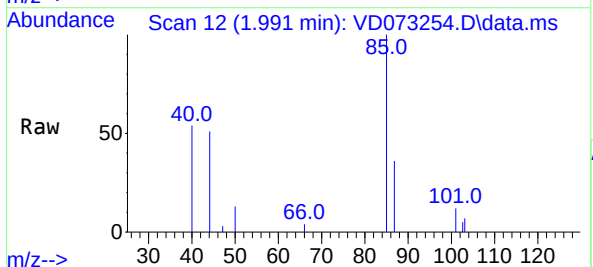


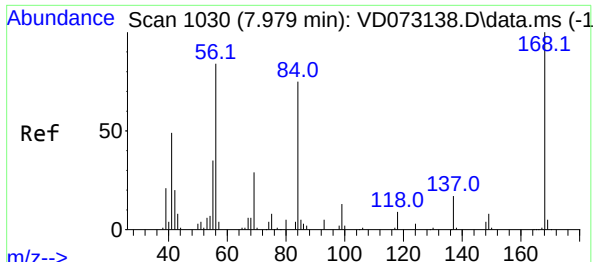
Tgt Ion:168 Resp: 324268
Ion Ratio Lower Upper
168 100
99 61.5 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 2.387 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD073254.D
Acq: 22 May 2022 04:36

Tgt Ion: 85 Resp: 7733
Ion Ratio Lower Upper
85 100
87 35.6 15.7 47.0





#31

Cyclohexane

Concen: 1.842 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD073254.D

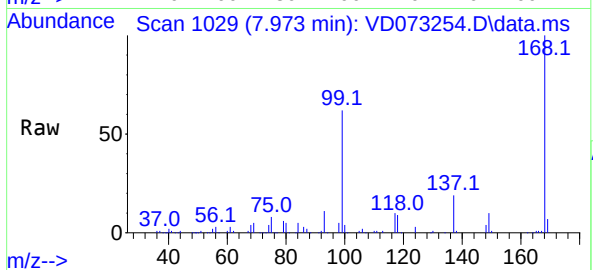
Acq: 22 May 2022 04:36

Instrument :

MSVOA_D

ClientSampleId :

P024-SS001-0612-01



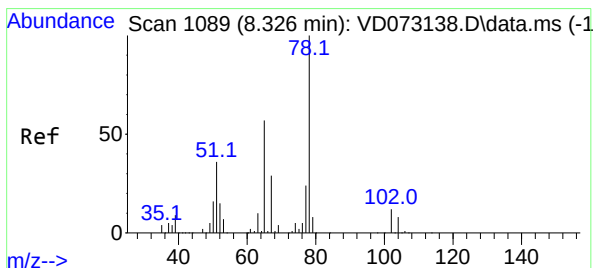
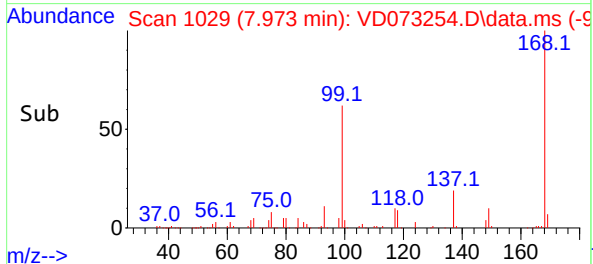
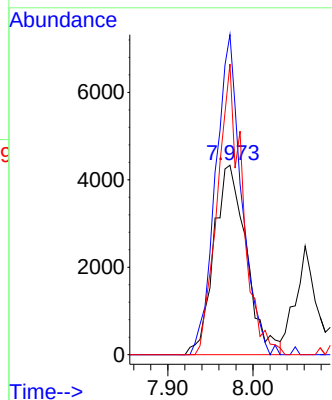
Tgt Ion: 56 Resp: 11533

Ion Ratio Lower Upper

56 100

69 168.9 25.4 38.2#

84 153.3 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 46.106 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD073254.D

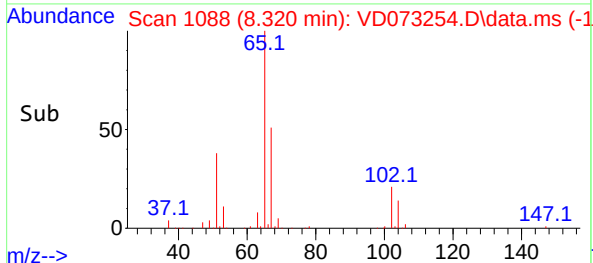
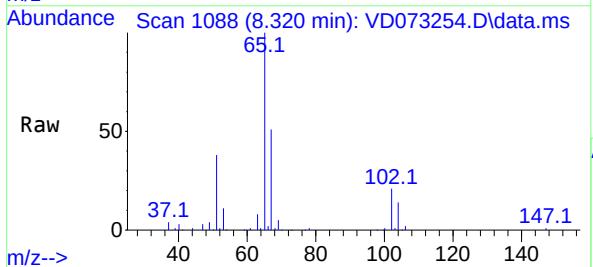
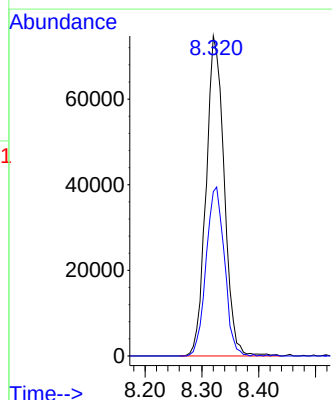
Acq: 22 May 2022 04:36

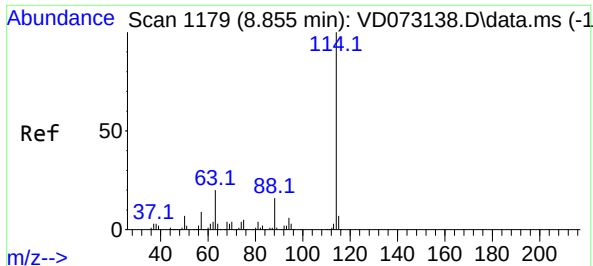
Tgt Ion: 65 Resp: 165227

Ion Ratio Lower Upper

65 100

67 53.4 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073254.D

Acq: 22 May 2022 04:36

Instrument :

MSVOA_D

ClientSampleId :

P024-SS001-0612-01

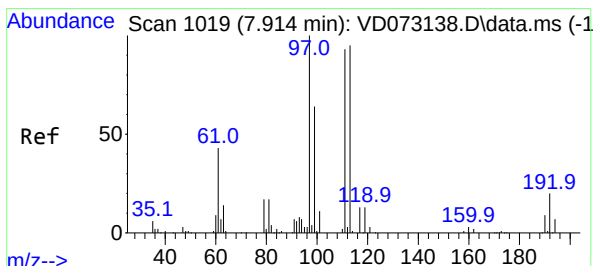
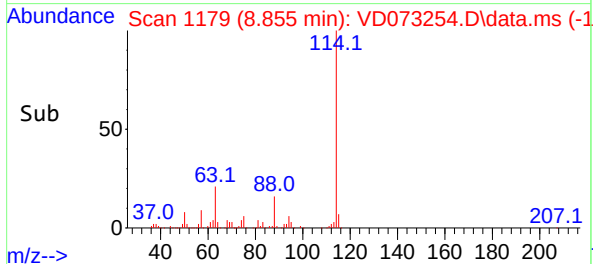
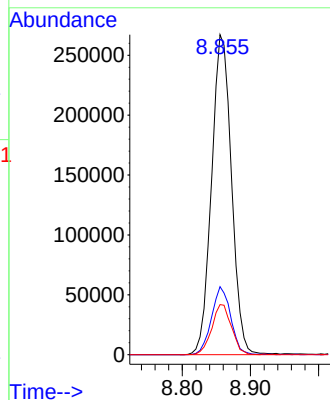
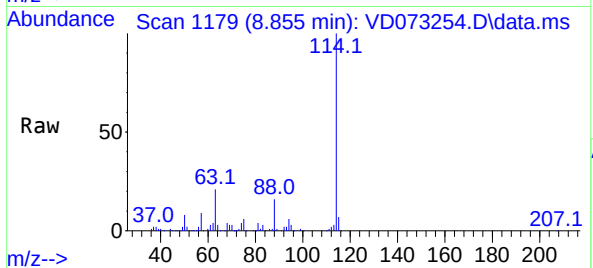
Tgt Ion:114 Resp: 543963

Ion Ratio Lower Upper

114 100

63 21.2 0.0 46.6

88 15.6 0.0 33.2



#35

Dibromofluoromethane

Concen: 51.061 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073254.D

Acq: 22 May 2022 04:36

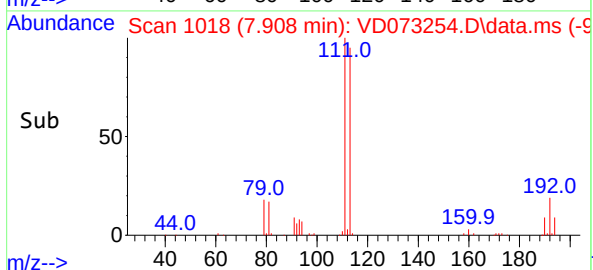
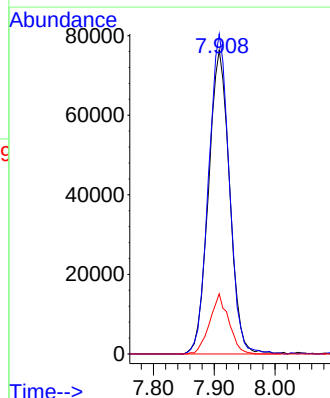
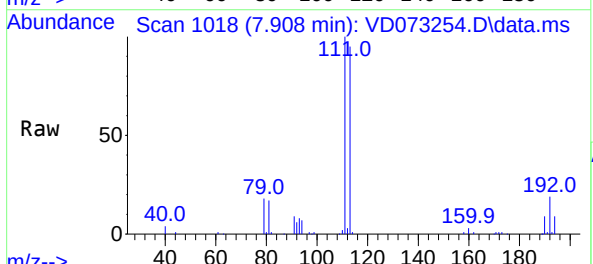
Tgt Ion:113 Resp: 183279

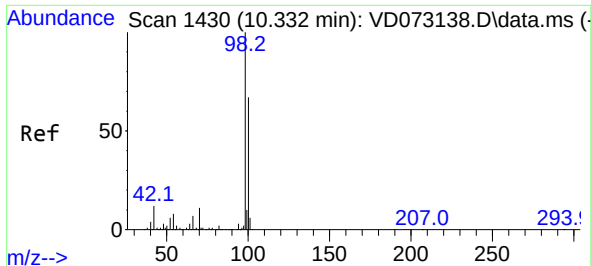
Ion Ratio Lower Upper

113 100

111 103.5 83.8 125.6

192 17.9 14.6 21.8

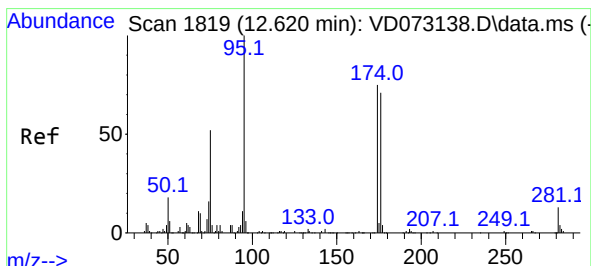
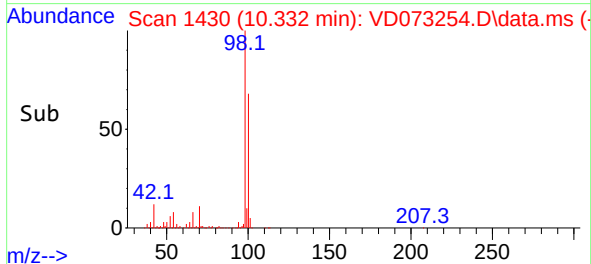
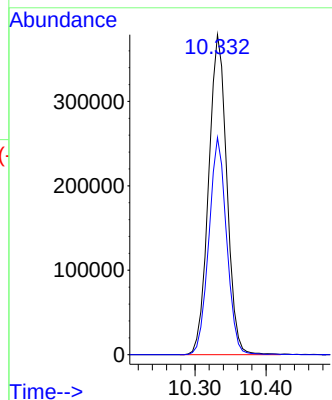
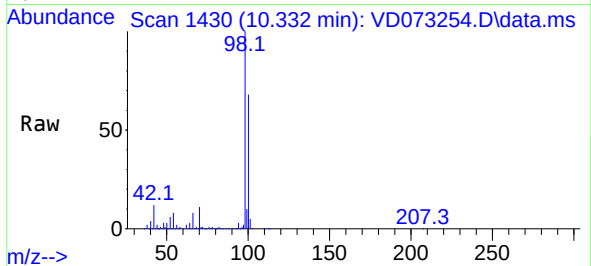




#50
Toluene-d8
Concen: 50.968 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073254.D
Acq: 22 May 2022 04:36

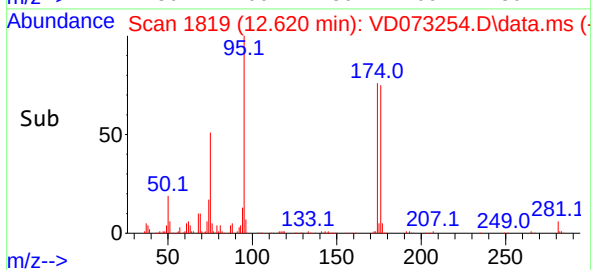
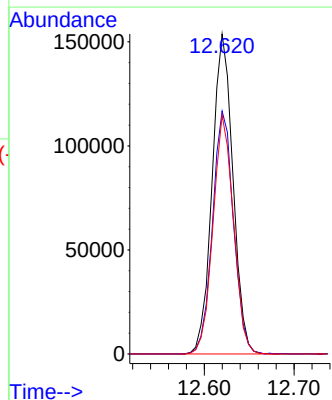
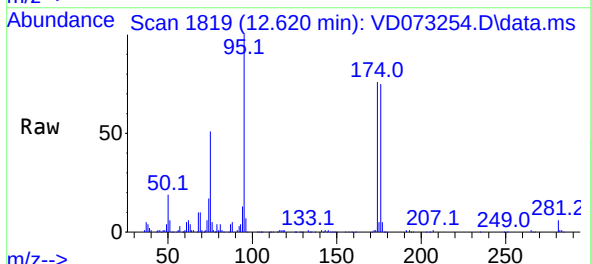
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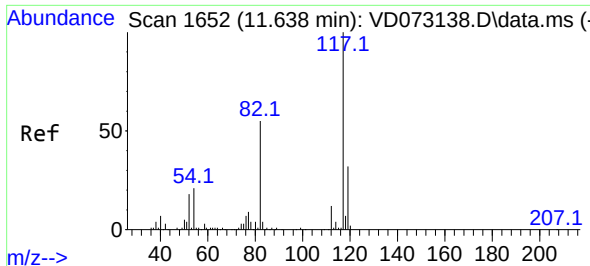
Tgt Ion: 98 Resp: 674386
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 53.154 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073254.D
Acq: 22 May 2022 04:36

Tgt Ion: 95 Resp: 246818
Ion Ratio Lower Upper
95 100
174 76.8 0.0 152.8
176 73.6 0.0 145.4

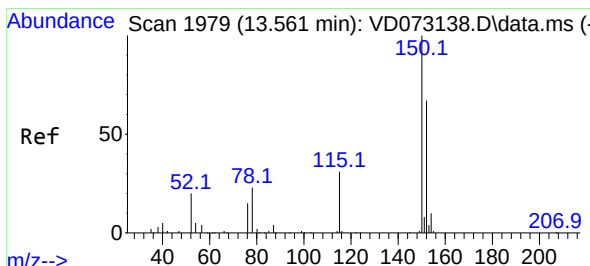
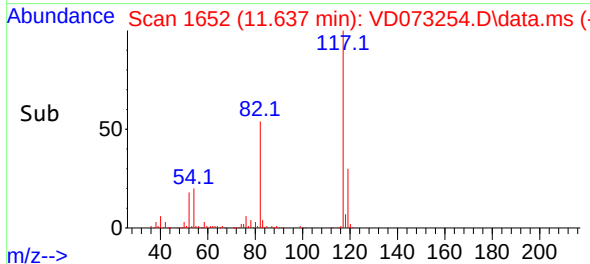
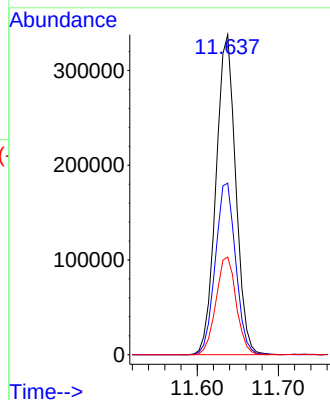
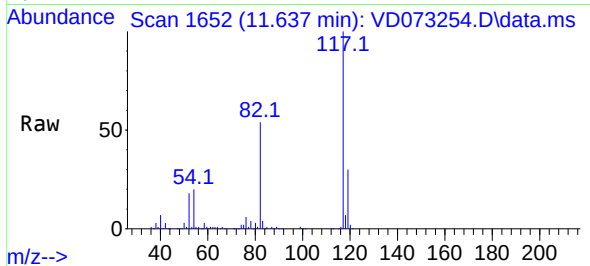




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 117
Delta R.T. -0.001 min
Lab File: VD073254.D
Acq: 22 May 2022 04:36

Instrument :
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P024-SS001-0612-01

Tgt Ion:	117	Resp:	571160
Ion	Ratio	Lower	Upper
117	100		
82	53.6	45.3	67.9
119	30.5	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073254.D
Acq: 22 May 2022 04:36

Tgt Ion:	152	Resp:	255685
Ion	Ratio	Lower	Upper
152	100		
115	60.2	31.3	93.8
150	158.7	0.0	348.6

