

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052122\
 Data File : VD073256.D
 Acq On : 22 May 2022 05:34
 Operator : VA/SY
 Sample : N2920-09
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P024-SS001-1824-01

Quant Time: May 23 01:13:07 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)

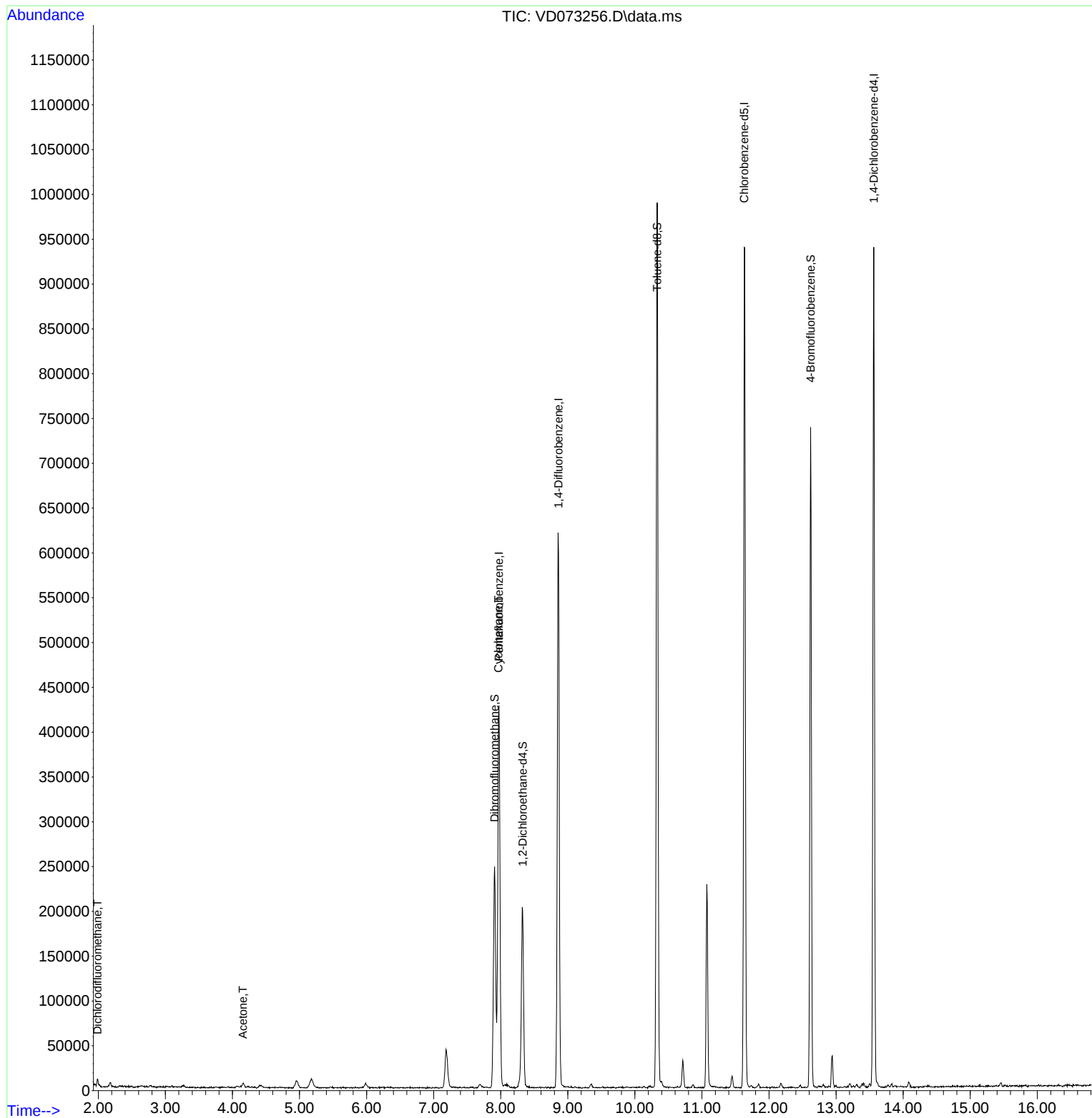
Internal Standards						
1) Pentafluorobenzene	7.973	168	310376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	531017	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	553766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	245841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	157836	46.015	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.040%
35) Dibromofluoromethane	7.909	113	178316	50.889	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.780%
50) Toluene-d8	10.332	98	660347	51.124	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.240%
62) 4-Bromofluorobenzene	12.620	95	233659	51.546	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	5929	1.912	ug/l	99
16) Acetone	4.156	43	8667	14.588	ug/l #	86
31) Cyclohexane	7.967	56	8147	1.359	ug/l #	1

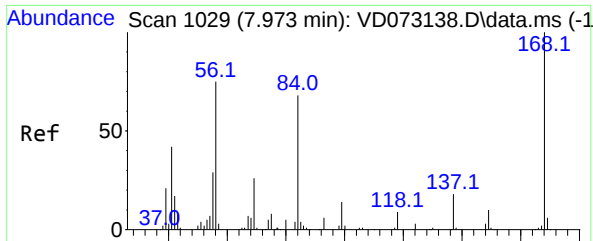
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073256.D

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MSVOA_D

ClientSampleId :

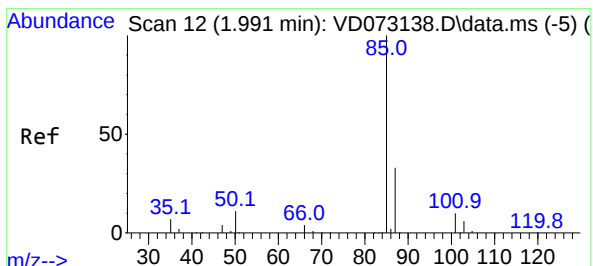
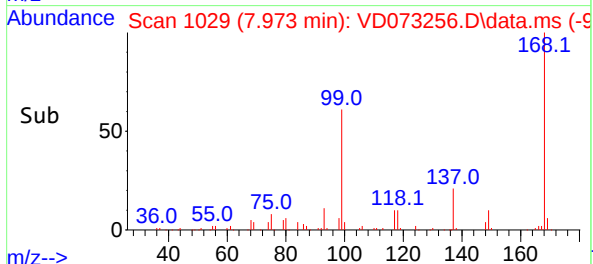
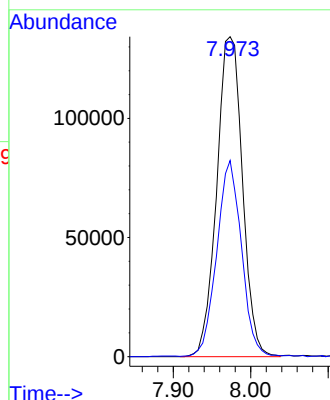
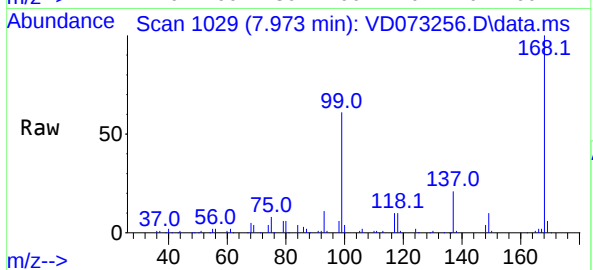
P024-SS001-1824-01

Tgt Ion:168 Resp: 310376

Ion Ratio Lower Upper

168 100

99 61.2 49.8 74.6



Dichlorodifluoromethane

Concen: 1.912 ug/l

RT: 1.985 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD073256.D

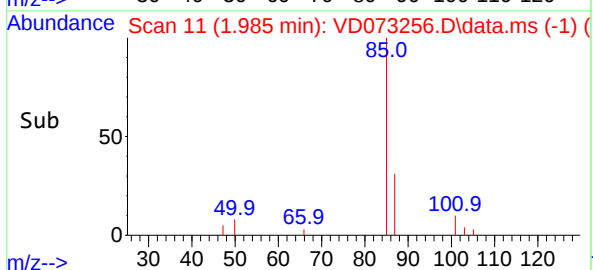
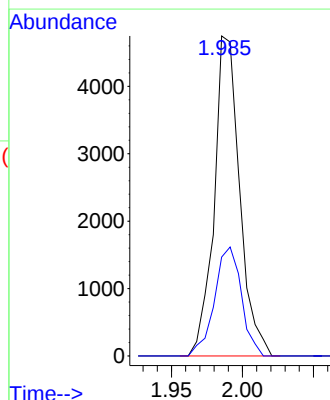
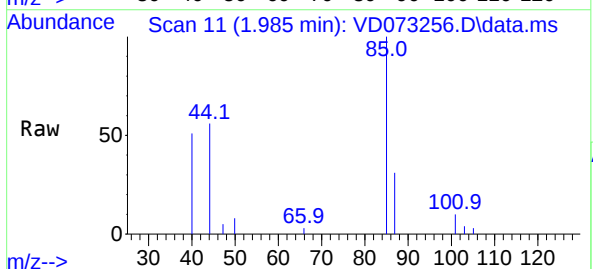
Acq: 22 May 2022 05:34

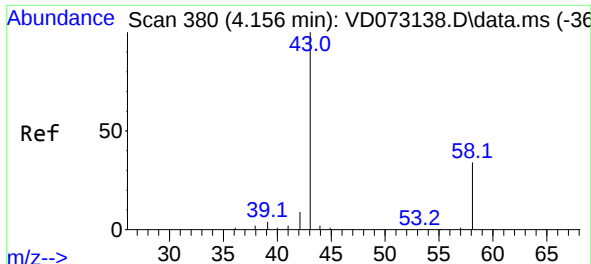
Tgt Ion: 85 Resp: 5929

Ion Ratio Lower Upper

85 100

87 30.9 15.7 47.0

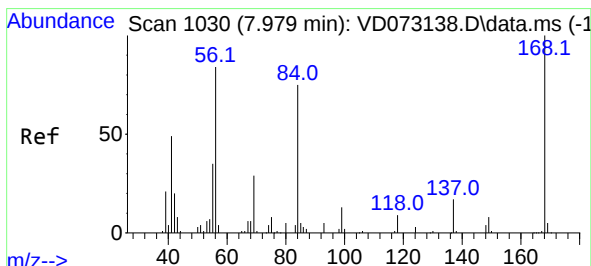
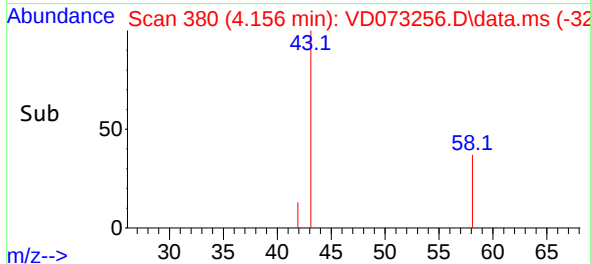
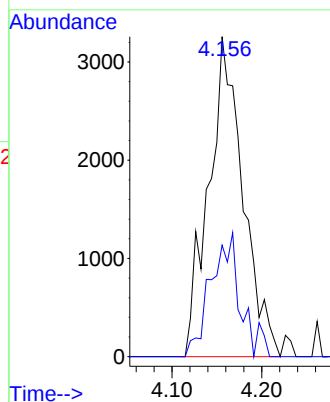
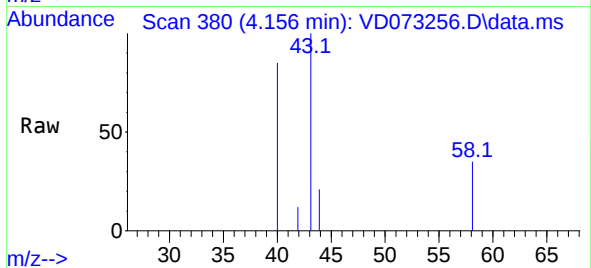




#16
Acetone
Concen: 14.588 ug/l
RT: 4.156 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD073256.D
Acq: 22 May 2022 05:34

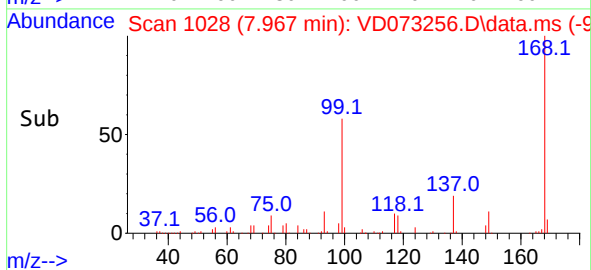
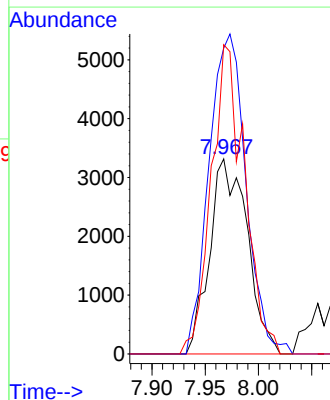
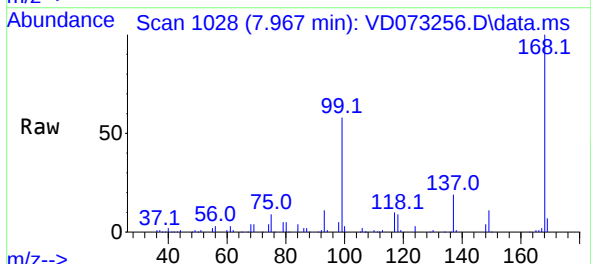
Instrument :
MSVOA_D
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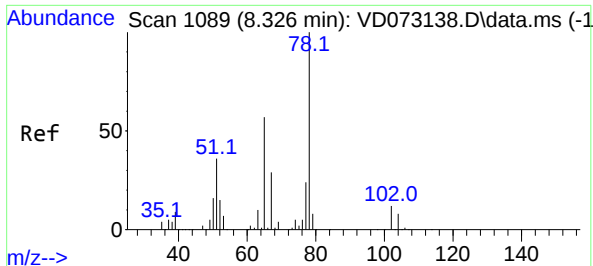
Tgt Ion: 43 Resp: 8667
Ion Ratio Lower Upper
43 100
58 34.8 22.1 33.1#



#31
Cyclohexane
Concen: 1.359 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD073256.D
Acq: 22 May 2022 05:34

Tgt Ion: 56 Resp: 8147
Ion Ratio Lower Upper
56 100
69 156.8 25.4 38.2#
84 158.6 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 46.015 ug/l

RT: 8.326 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD073256.D

Acq: 22 May 2022 05:34

Instrument :

MSVOA_D

ClientSampleId :

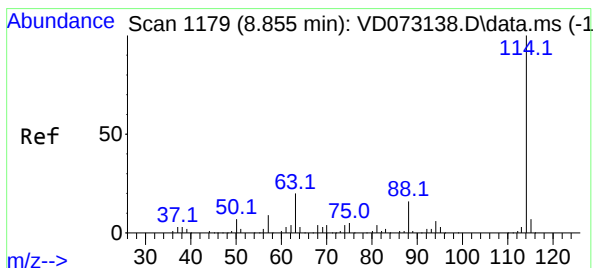
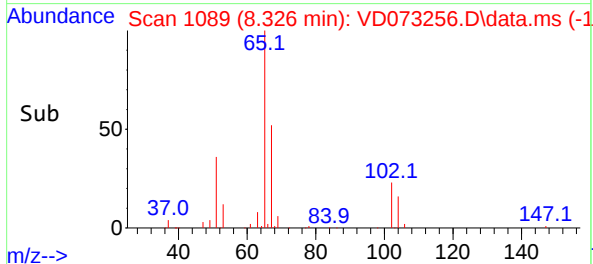
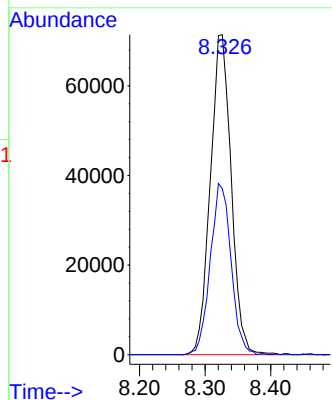
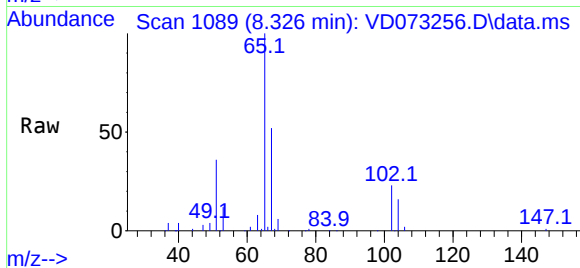
P024-SS001-1824-01

Tgt Ion: 65 Resp: 157836

Ion Ratio Lower Upper

65 100

67 53.2 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD073256.D

Acq: 22 May 2022 05:34

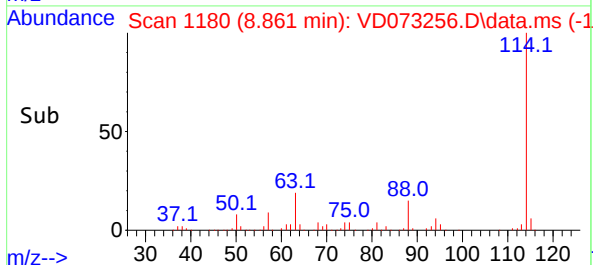
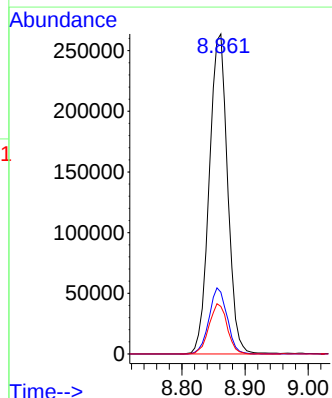
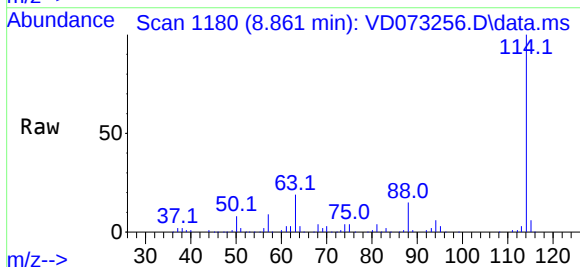
Tgt Ion: 114 Resp: 531017

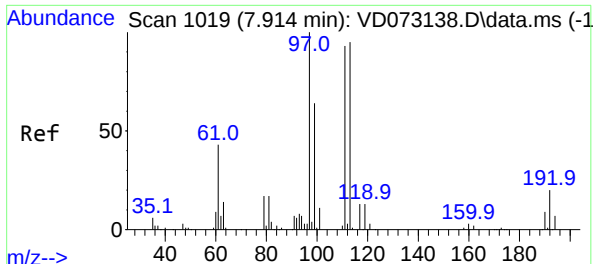
Ion Ratio Lower Upper

114 100

63 19.3 0.0 46.6

88 14.9 0.0 33.2

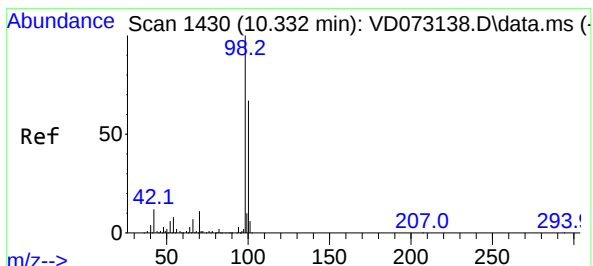
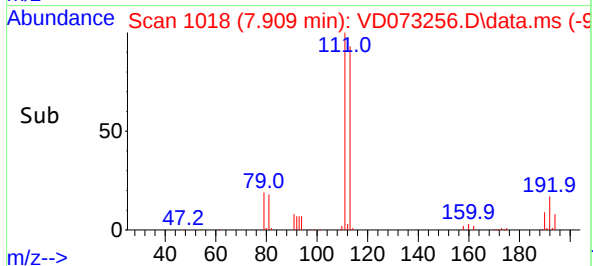
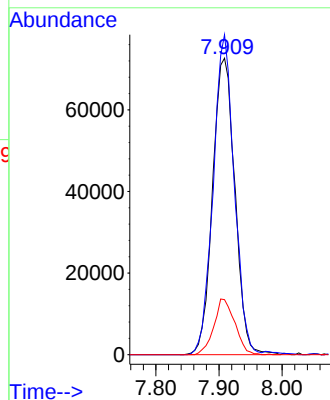
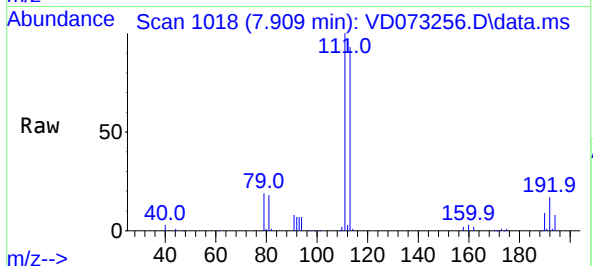




#35
Dibromofluoromethane
Concen: 50.889 ug/l
RT: 7.909 min Scan# 1019
Delta R.T. -0.005 min
Lab File: VD073256.D
Acq: 22 May 2022 05:34

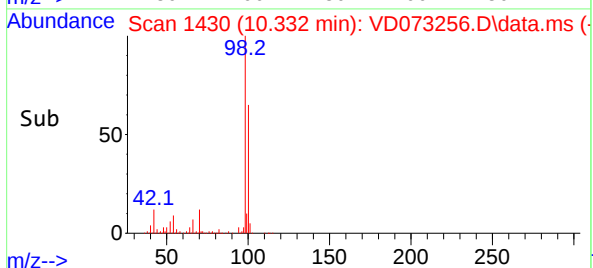
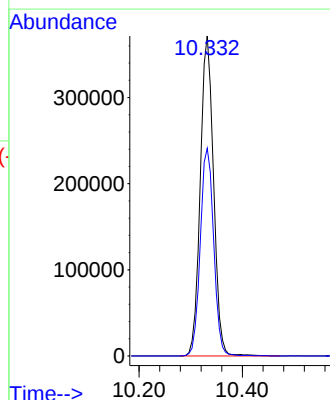
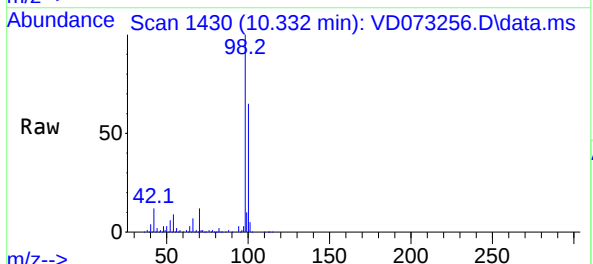
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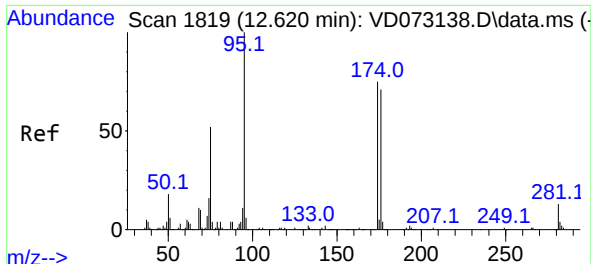
Tgt Ion:113 Resp: 178316
Ion Ratio Lower Upper
113 100
111 101.7 83.8 125.6
192 17.6 14.6 21.8



#50
Toluene-d8
Concen: 51.124 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073256.D
Acq: 22 May 2022 05:34

Tgt Ion: 98 Resp: 660347
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6

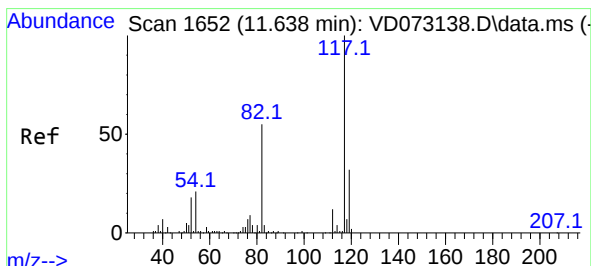
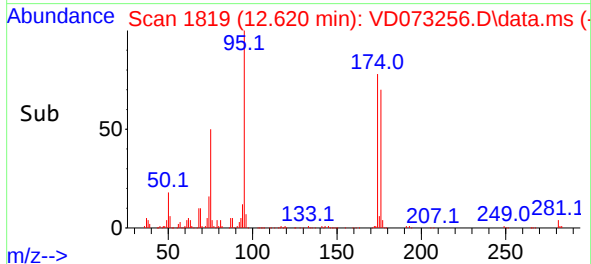
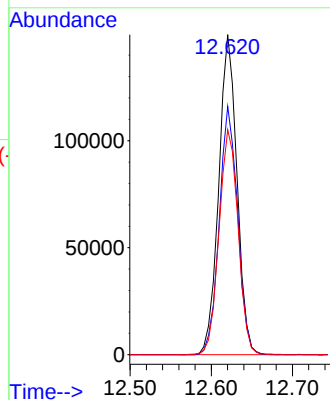
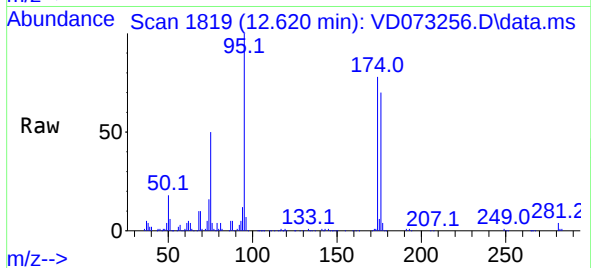




#62
4-Bromofluorobenzene
Concen: 51.546 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073256.D
Acq: 22 May 2022 05:34

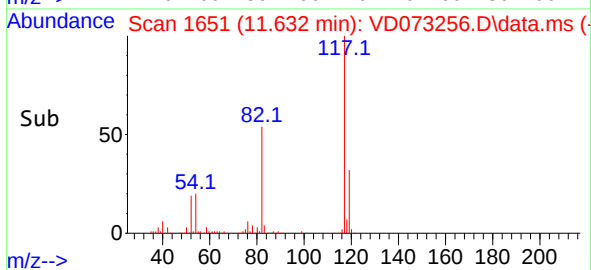
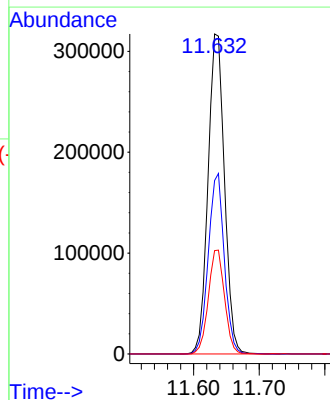
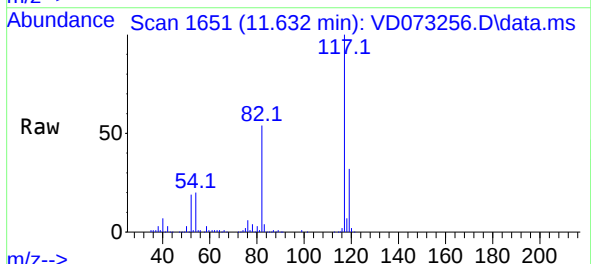
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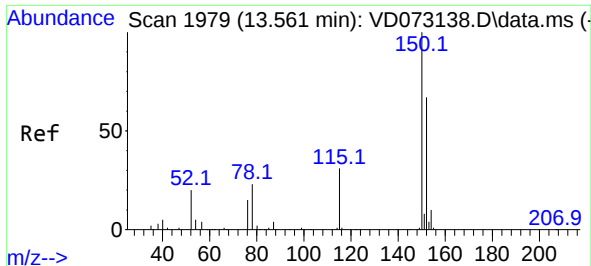
Tgt Ion:	95	Resp:	233659
Ion	Ratio	Lower	Upper
95	100		
174	78.3	0.0	152.8
176	73.2	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073256.D
Acq: 22 May 2022 05:34

Tgt Ion:	117	Resp:	553766
Ion	Ratio	Lower	Upper
117	100		
82	54.2	45.3	67.9
119	32.3	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: VD073256.D

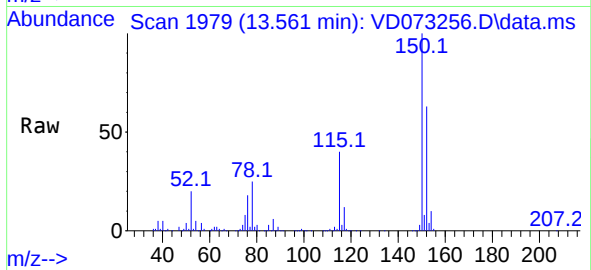
Acq: 22 May 2022 05:34

Instrument :

MSVOA_D

ClientSampleId :

P024-SS001-1824-01



Tgt Ion:152 Resp: 245841

Ion Ratio Lower Upper

152 100

115 61.6 31.3 93.8

150 157.9 0.0 348.6

