

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052022\
 Data File : VD073223.D
 Acq On : 21 May 2022 11:36
 Operator : VA/SY
 Sample : N2885-04
 Misc : 5.21G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P004-SS002-1824-01

Quant Time: May 22 00:02:19 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)

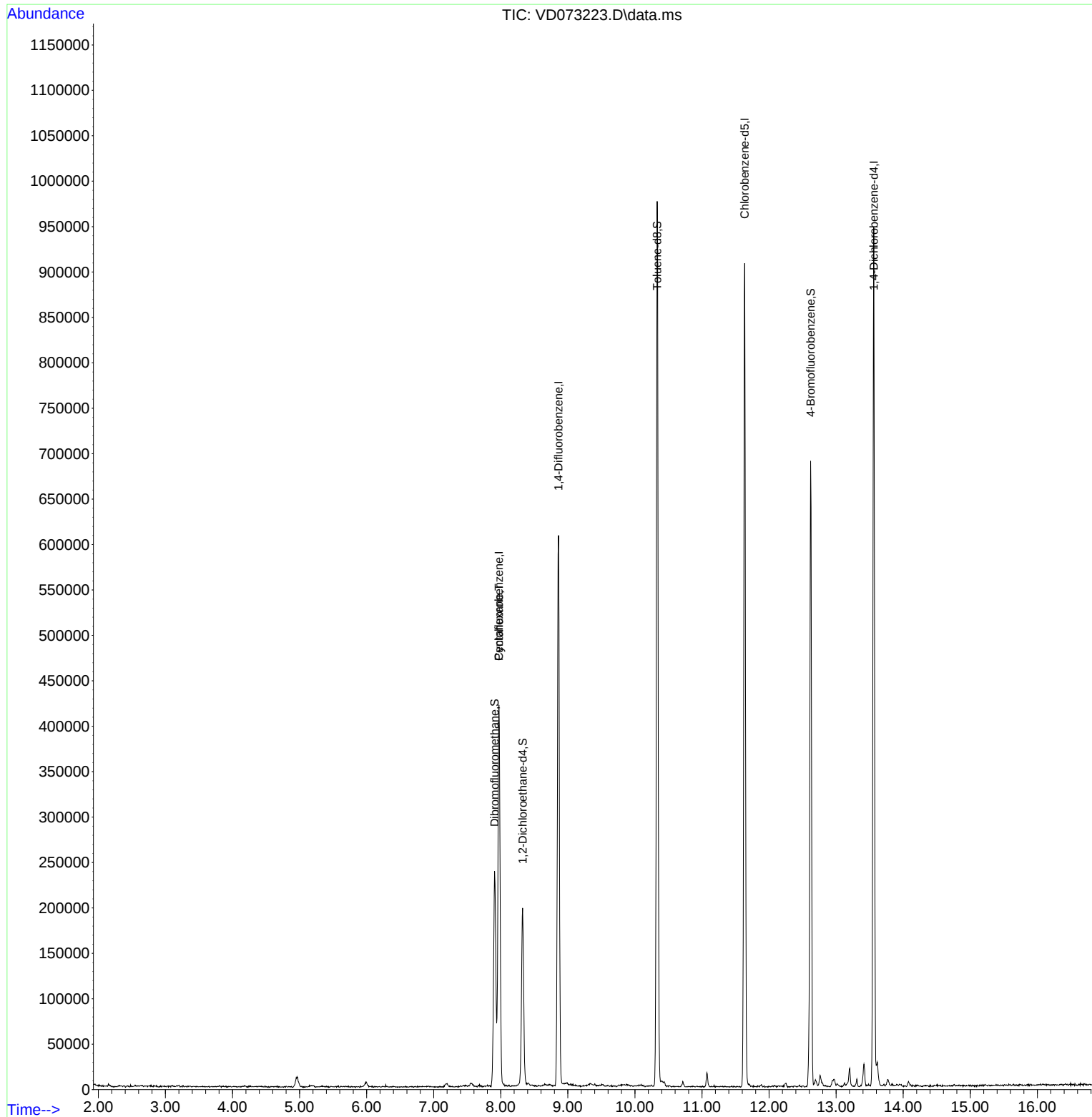
Internal Standards						
1) Pentafluorobenzene	7.973	168	300977	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	519920	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	531172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	242122	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	149272	44.88	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.76%
35) Dibromofluoromethane	7.908	113	175730	51.22	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.44%
50) Toluene-d8	10.332	98	653803	51.70	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.40%
62) 4-Bromofluorobenzene	12.620	95	229850	51.79	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.58%
Target Compounds						
31) Cyclohexane	7.973	56	7892	1.36	ug/l	Qvalue # 4

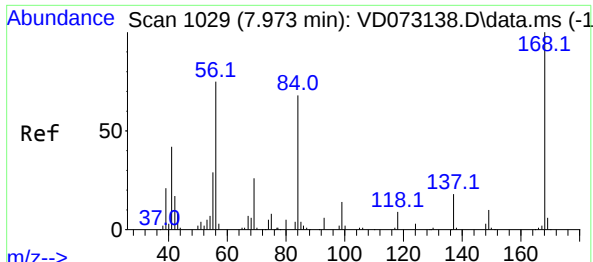
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD073223.D

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Instrument :

MSVOA_D

ClientSampleId :

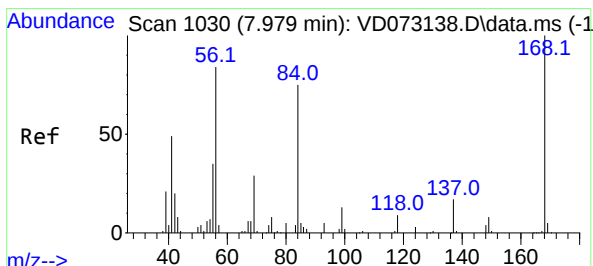
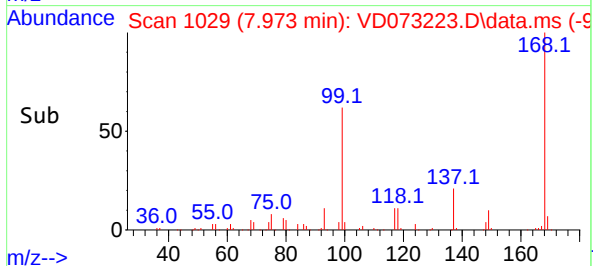
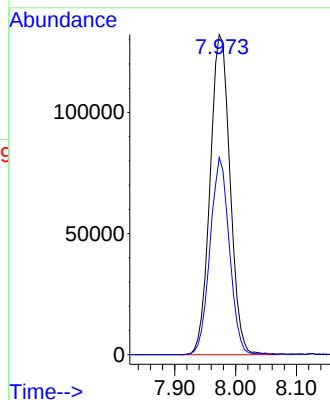
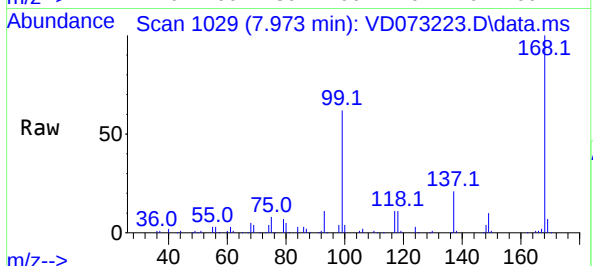
P004-SS002-1824-01

Tgt Ion:168 Resp: 300977

Ion Ratio Lower Upper

168 100

99 61.6 49.8 74.6



Cyclohexane

Concen: 1.36 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD073223.D

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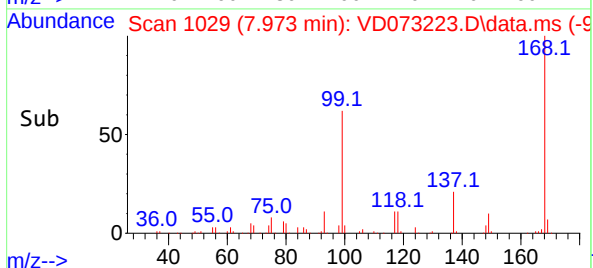
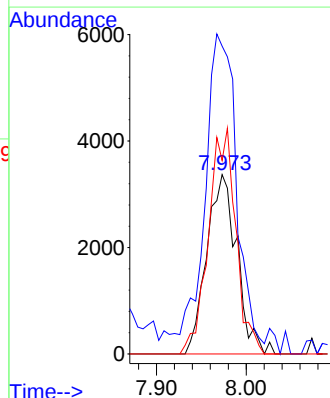
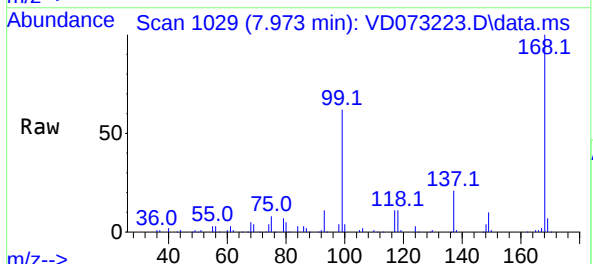
Tgt Ion: 56 Resp: 7892

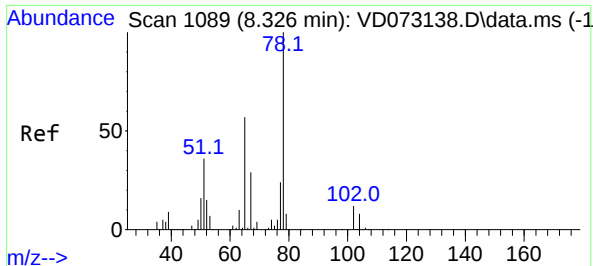
Ion Ratio Lower Upper

56 100

69 171.7 25.4 38.2#

84 107.9 63.0 94.4#

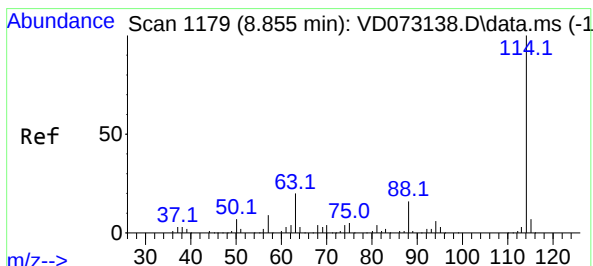
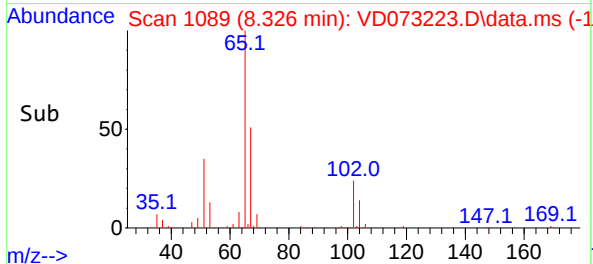
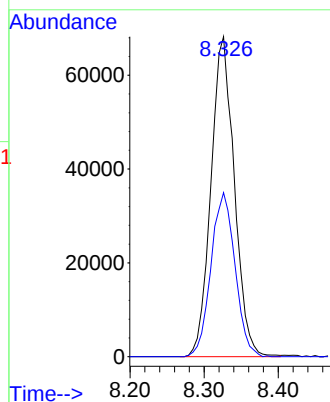
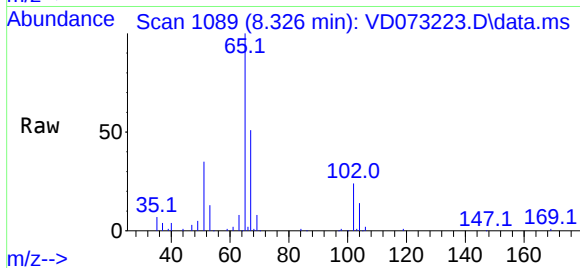




#33
1,2-Dichloroethane-d4
Concen: 44.88 ug/l
RT: 8.326 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD073223.D
Acq: 21 May 2022 11:36

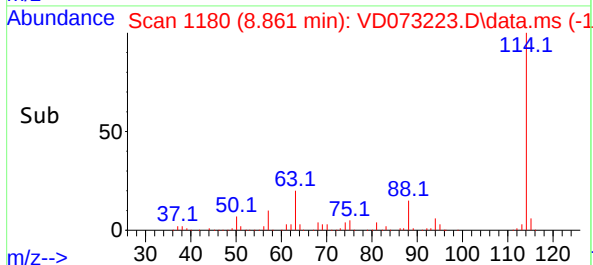
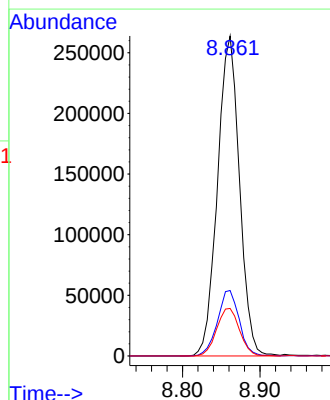
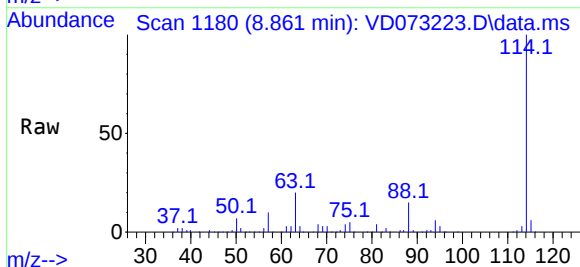
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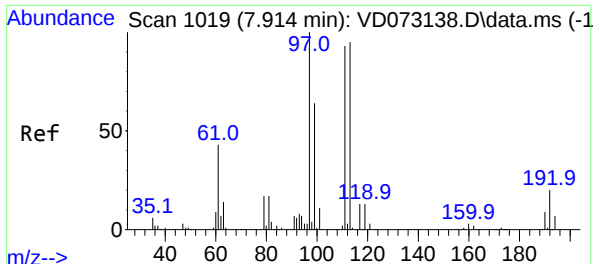
Tgt Ion: 65 Resp: 149272
Ion Ratio Lower Upper
65 100
67 52.7 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VD073223.D
Acq: 21 May 2022 11:36

Tgt Ion: 114 Resp: 519920
Ion Ratio Lower Upper
114 100
63 20.4 0.0 46.6
88 14.9 0.0 33.2

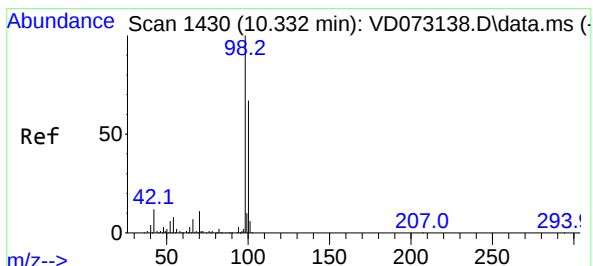
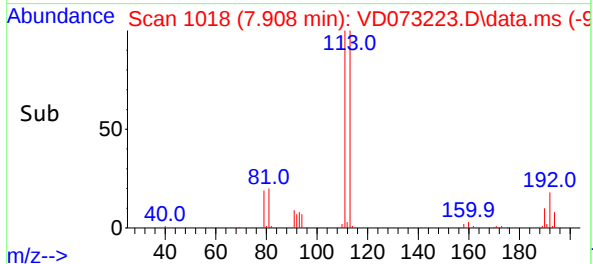
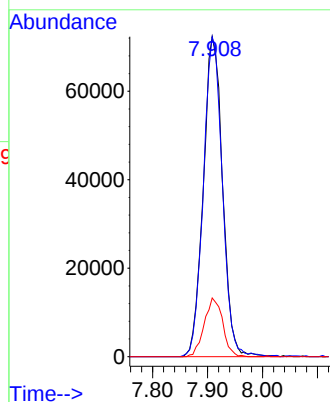
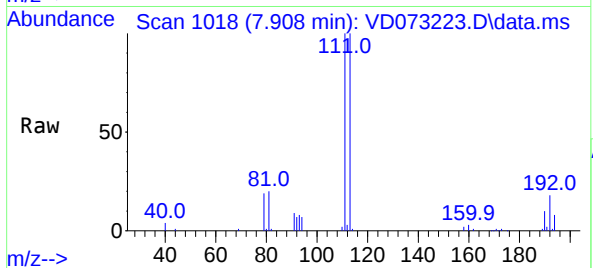




#35
Dibromofluoromethane
Concen: 51.22 ug/l
RT: 7.908 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD073223.D
Acq: 21 May 2022 11:36

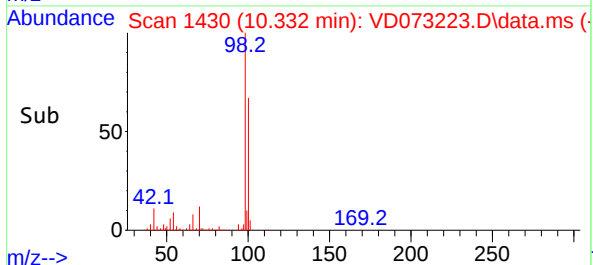
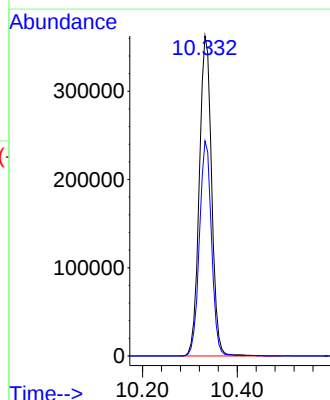
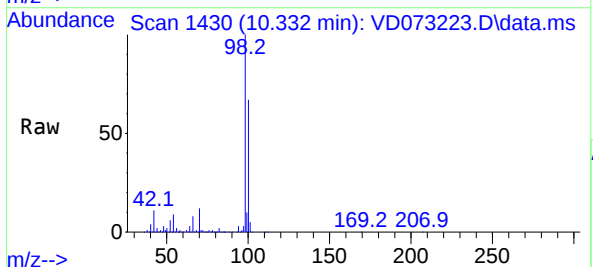
Instrument :
MSVOA_D
ClientSampleId :
P004-SS002-1824-01

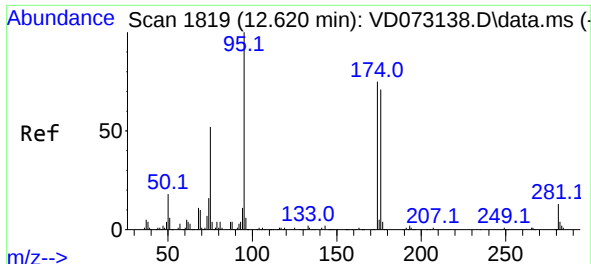
Tgt Ion:113 Resp: 175730
Ion Ratio Lower Upper
113 100
111 98.6 83.8 125.6
192 17.6 14.6 21.8



#50
Toluene-d8
Concen: 51.70 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073223.D
Acq: 21 May 2022 11:36

Tgt Ion: 98 Resp: 653803
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6

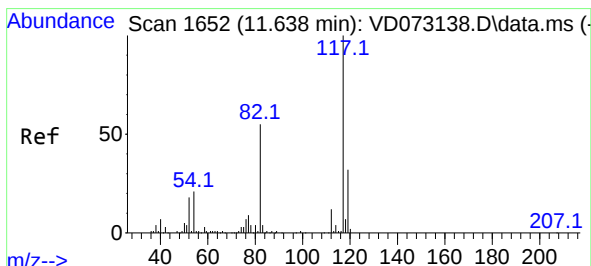
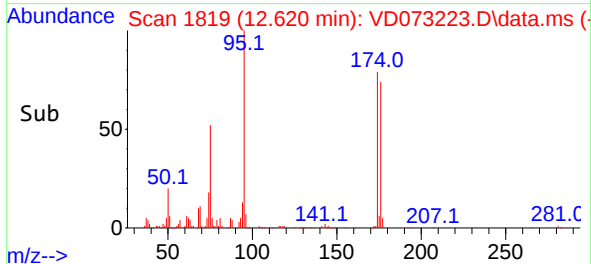
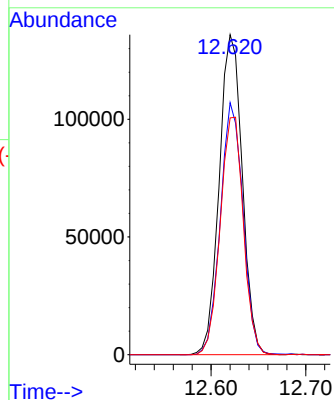
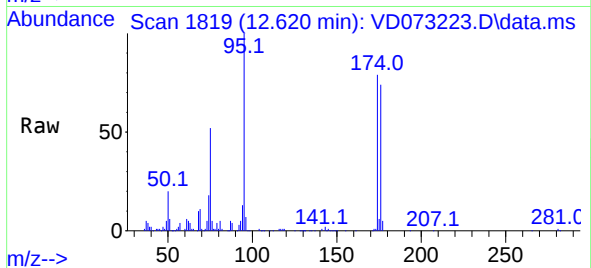




#62
4-Bromofluorobenzene
Concen: 51.79 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073223.D
Acq: 21 May 2022 11:36

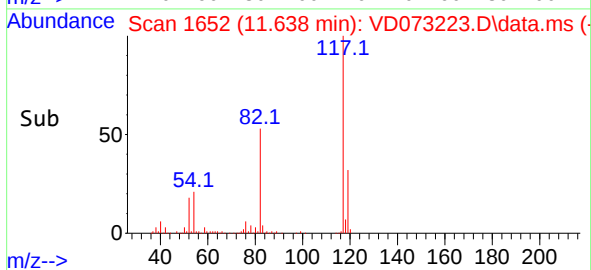
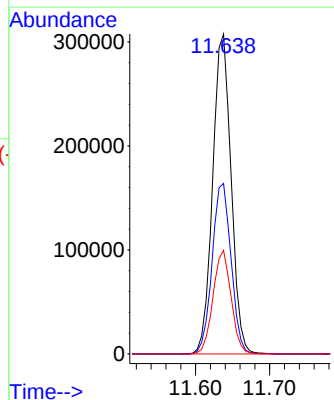
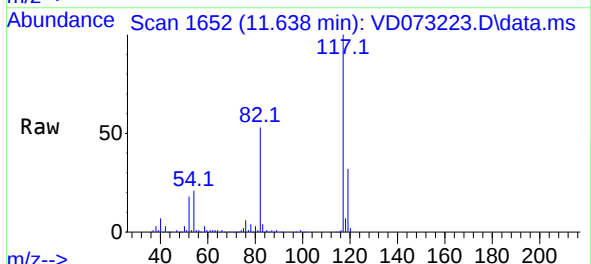
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ClientSampleId :
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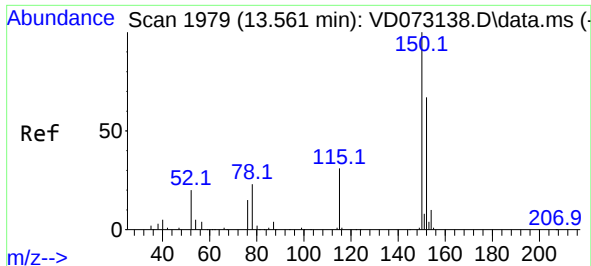
Tgt Ion:	95	Resp:	229850
Ion	Ratio	Lower	Upper
95	100		
174	77.4	0.0	152.8
176	74.6	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073223.D
Acq: 21 May 2022 11:36

Tgt Ion:	117	Resp:	531172
Ion	Ratio	Lower	Upper
117	100		
82	53.3	45.3	67.9
119	32.3	26.6	40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VD073223.D

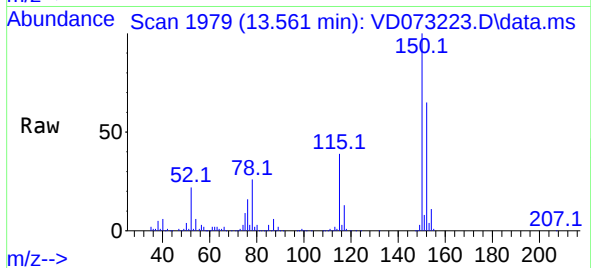
Acq: 21 May 2022 11:36

Instrument :

MSVOA_D

ClientSampleId :

P004-SS002-1824-01



Tgt Ion:152 Resp: 242122

Ion Ratio Lower Upper

152 100

115 60.6 31.3 93.8

150 158.0 0.0 348.6

