

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040422\
 Data File : VD072523.D
 Acq On : 04 Apr 2022 17:19
 Operator : VA/SY
 Sample : N2239-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4

Quant Time: Apr 05 03:21:24 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)

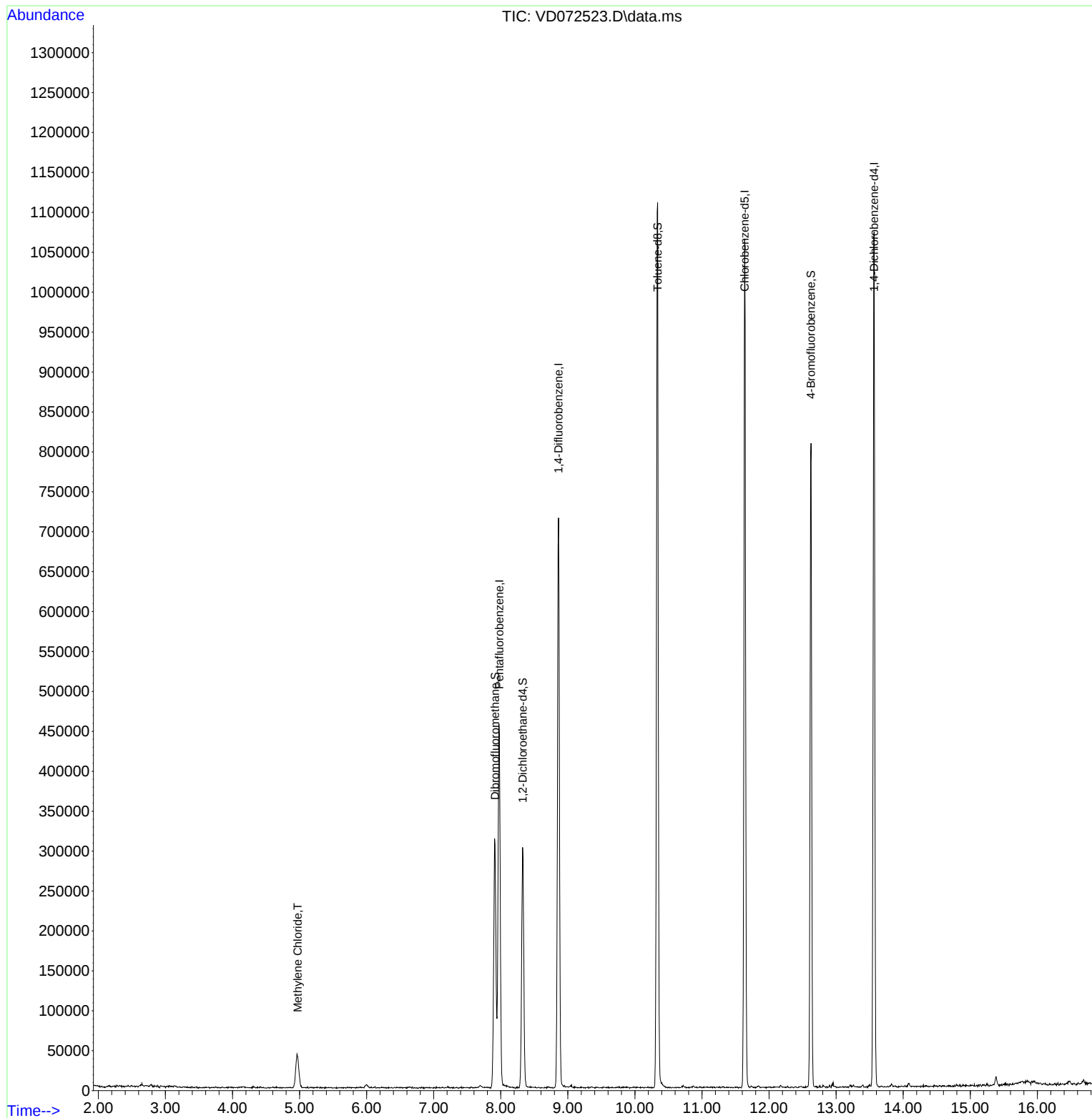
Internal Standards						
1) Pentafluorobenzene	7.979	168	332538	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	633815	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	617124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	290577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	238752	59.351	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.700%
35) Dibromofluoromethane	7.914	113	223347	45.344	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.680%
50) Toluene-d8	10.338	98	770163	44.981	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.960%
62) 4-Bromofluorobenzene	12.626	95	280433	41.938	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.880%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.973	84	34161	7.650	ug/l #	82

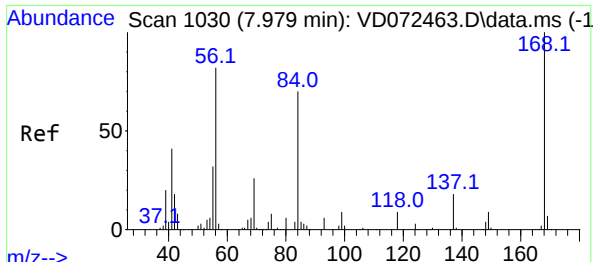
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 30 02:44:36 2022
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#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD072523.D

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Instrument :

MSVOA_D

ClientSampleId :

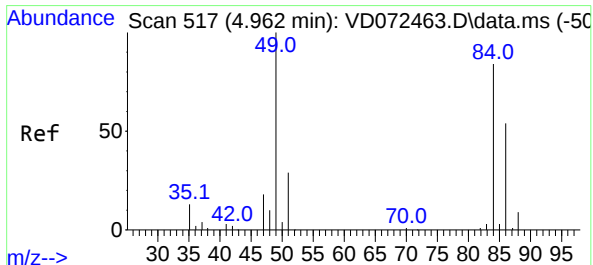
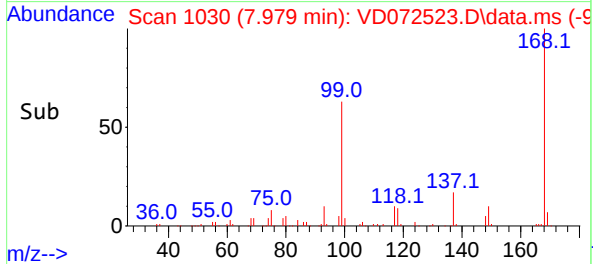
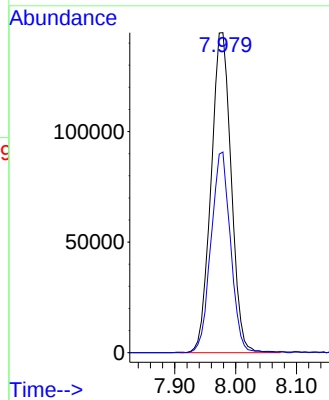
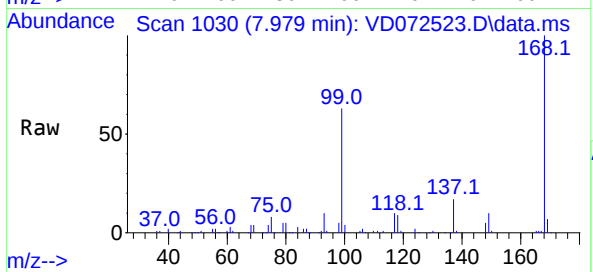
TP-4

Tgt Ion:168 Resp: 332538

Ion Ratio Lower Upper

168 100

99 62.5 49.8 74.6



#20

Methylene Chloride

Concen: 7.650 ug/l

RT: 4.973 min Scan# 519

Delta R.T. 0.012 min

Lab File: VD072523.D

Acq: 04 Apr 2022 17:19

Tgt Ion: 84 Resp: 34161

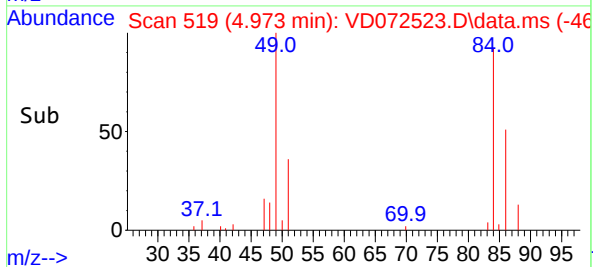
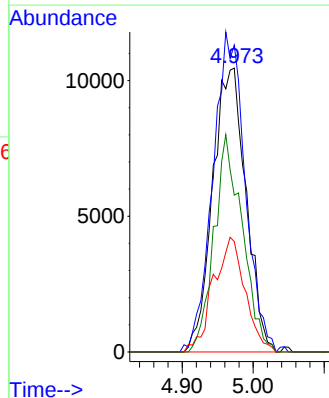
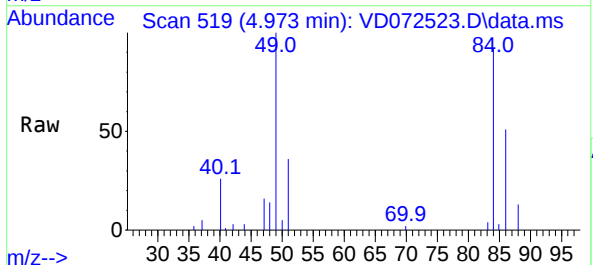
Ion Ratio Lower Upper

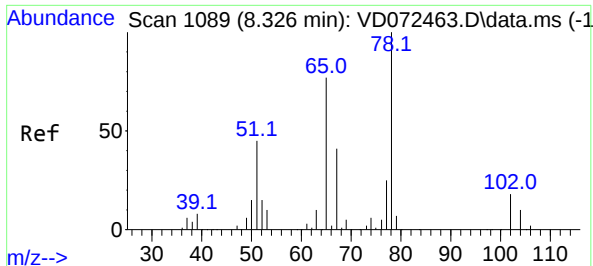
84 100

49 108.1 112.8 169.2#

51 38.9 32.6 48.8

86 55.3 47.9 71.9





#33

1,2-Dichloroethane-d4

Concen: 59.351 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VD072523.D

Acq: 04 Apr 2022 17:19

Instrument :

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ClientSampleId :

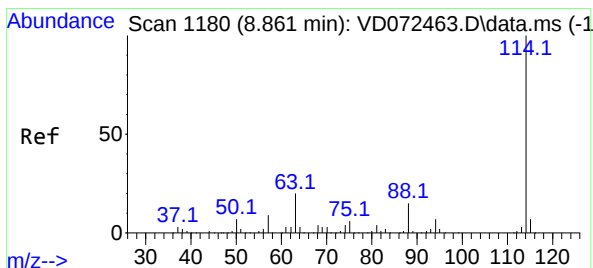
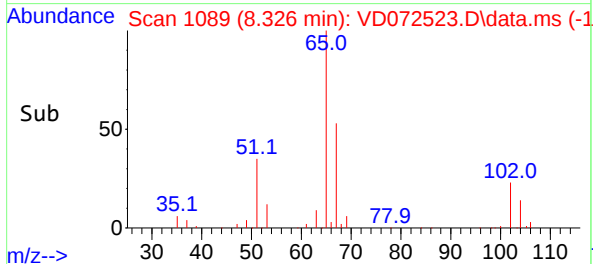
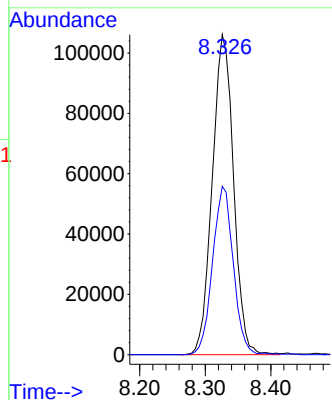
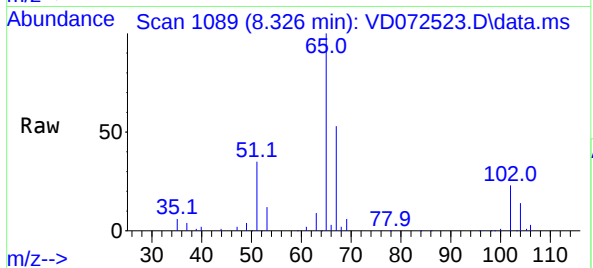
TP-4

Tgt Ion: 65 Resp: 238752

Ion Ratio Lower Upper

65 100

67 51.3 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD072523.D

Acq: 04 Apr 2022 17:19

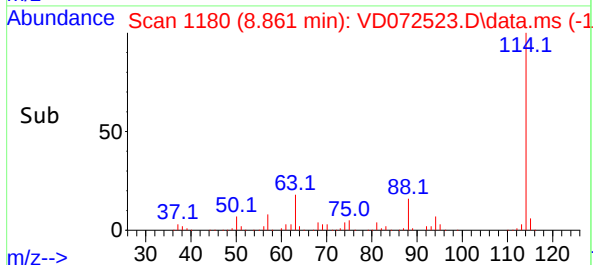
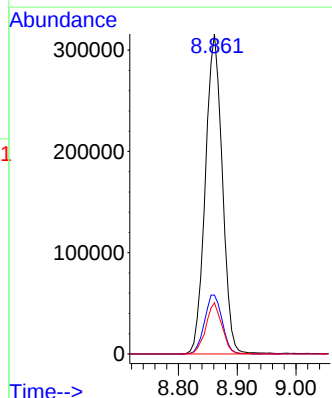
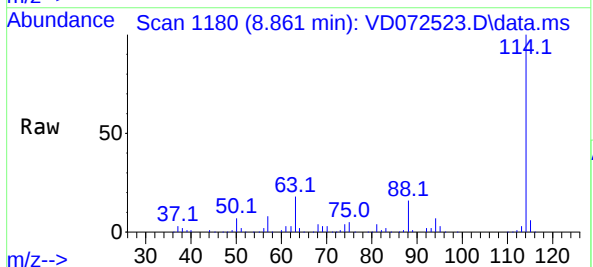
Tgt Ion: 114 Resp: 633815

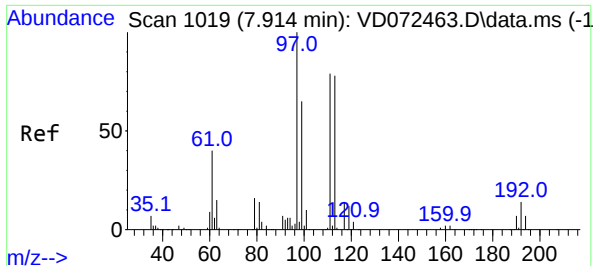
Ion Ratio Lower Upper

114 100

63 18.4 0.0 46.6

88 16.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 45.344 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD072523.D

Acq: 04 Apr 2022 17:19

Instrument :

MSVOA_D

ClientSampleId :

TP-4

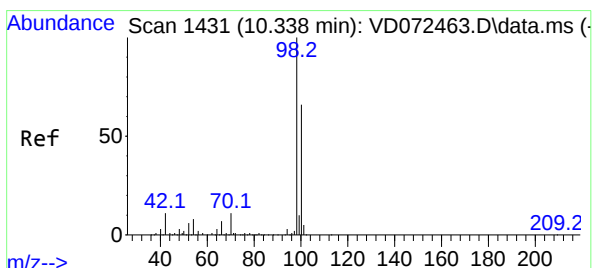
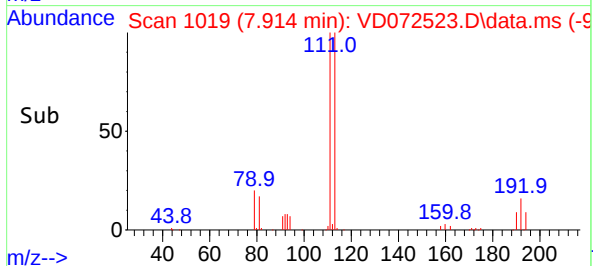
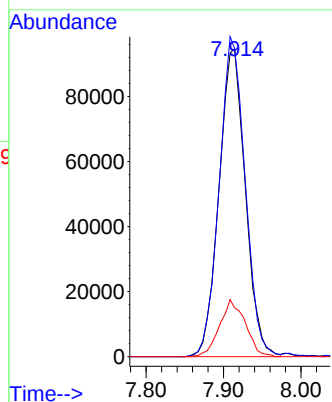
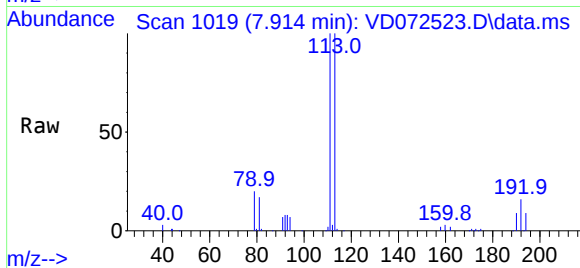
Tgt Ion:113 Resp: 223347

Ion Ratio Lower Upper

113 100

111 102.3 83.8 125.6

192 18.1 14.6 21.8



#50

Toluene-d8

Concen: 44.981 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD072523.D

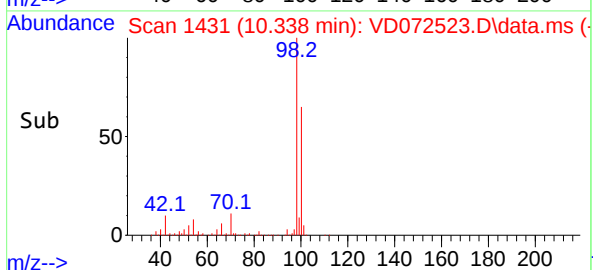
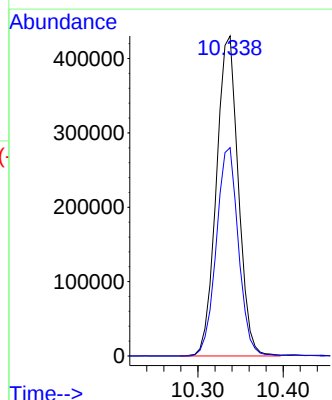
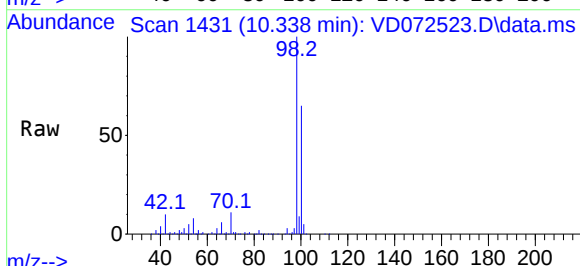
Acq: 04 Apr 2022 17:19

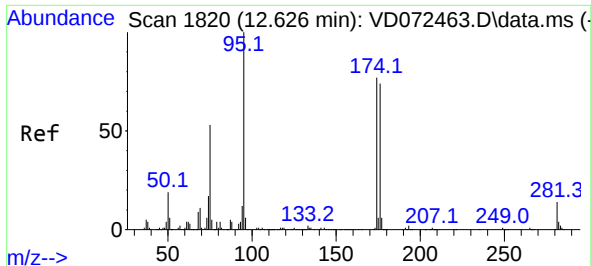
Tgt Ion: 98 Resp: 770163

Ion Ratio Lower Upper

98 100

100 65.7 52.4 78.6

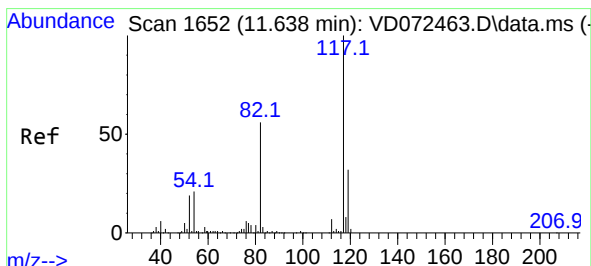
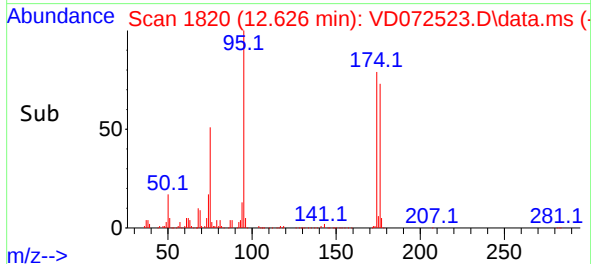
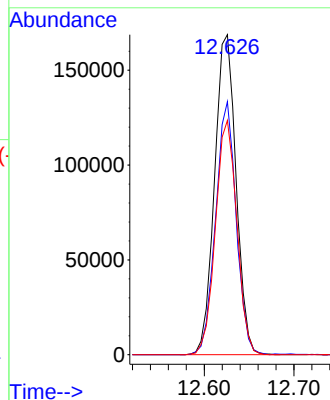
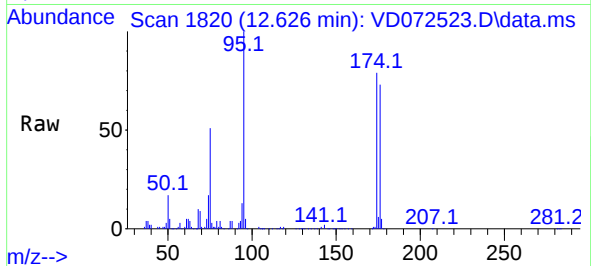




#62
4-Bromofluorobenzene
Concen: 41.938 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD072523.D
Acq: 04 Apr 2022 17:19

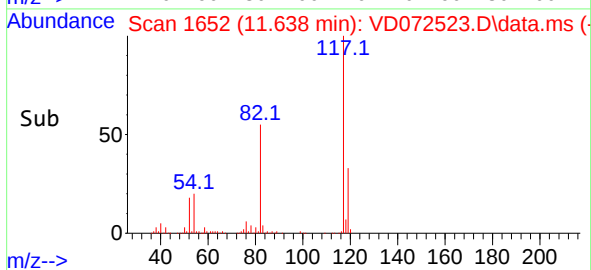
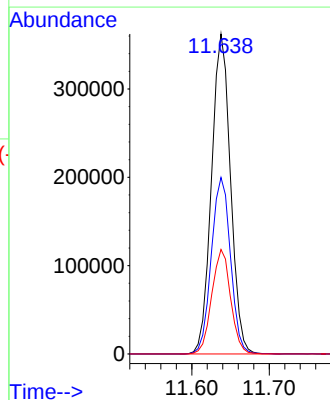
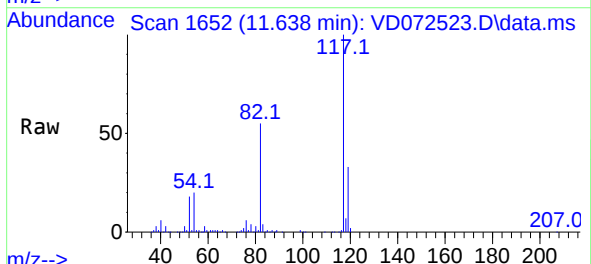
Instrument :
MSVOA_D
ClientSampleId :
TP-4

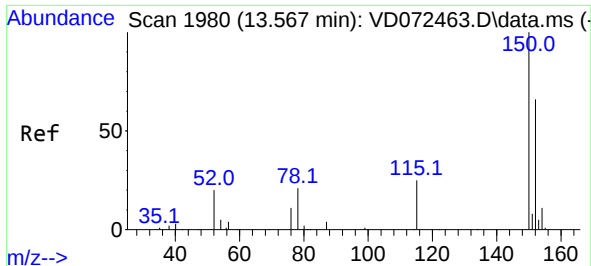
Tgt Ion: 95 Resp: 280433
Ion Ratio Lower Upper
95 100
174 75.9 0.0 152.8
176 72.8 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072523.D
Acq: 04 Apr 2022 17:19

Tgt Ion: 117 Resp: 617124
Ion Ratio Lower Upper
117 100
82 55.1 45.3 67.9
119 32.6 26.6 40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.567 min Scan# 1980

Delta R.T. -0.000 min

Lab File: VD072523.D

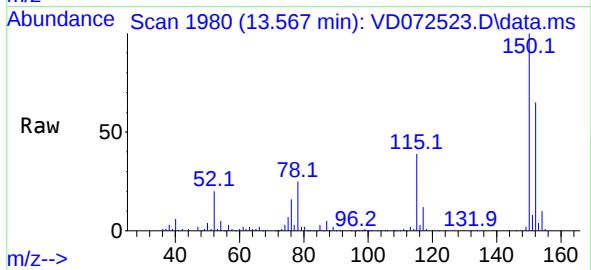
Acq: 04 Apr 2022 17:19

Instrument :

MSVOA_D

ClientSampleId :

TP-4



Tgt Ion:152 Resp: 290577

Ion Ratio Lower Upper

152 100

115 60.4 31.3 93.8

150 157.9 0.0 348.6

