

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
 Data File : VD073119.D
 Acq On : 19 May 2022 02:18
 Operator : VA/SY
 Sample : N2816-22
 Misc : 5.68G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P007-SS014-0006-01

Quant Time: May 19 04:55:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:58:34 2022
 Response via : Initial Calibration

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

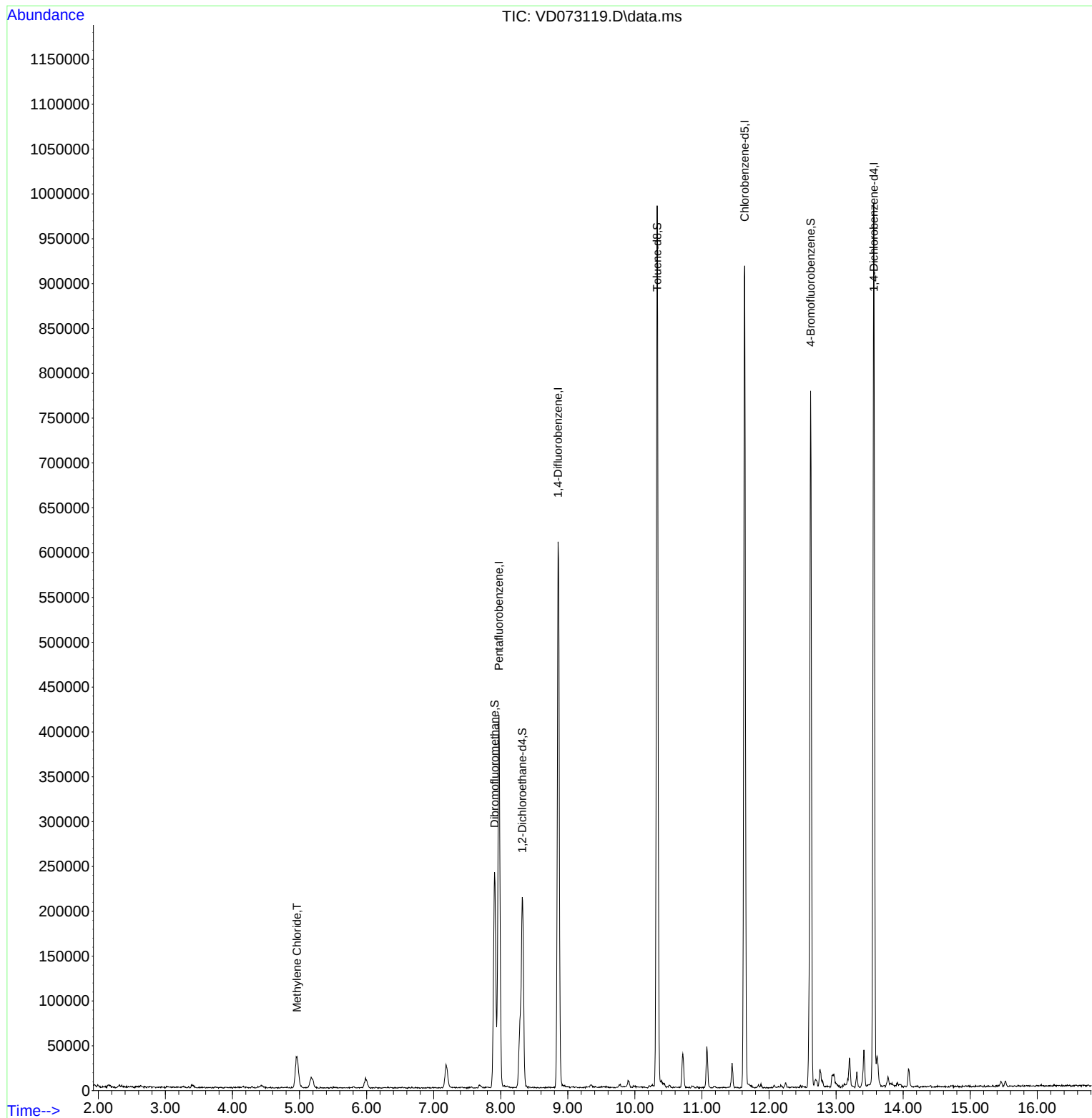
Internal Standards						
1) Pentafluorobenzene	7.973	168	290755	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	527755	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	538174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	254021	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	166249	45.722	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.440%		
35) Dibromofluoromethane	7.909	113	175366	47.327	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.660%		
50) Toluene-d8	10.332	98	639996	47.610	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	95.220%		
62) 4-Bromofluorobenzene	12.620	95	242285	49.762	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.520%		
Target Compounds						Qvalue
20) Methylene Chloride	4.962	84	28722	6.014	ug/l	88

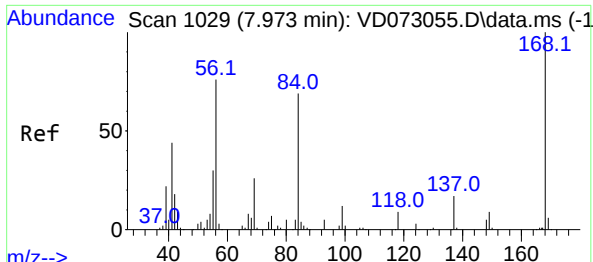
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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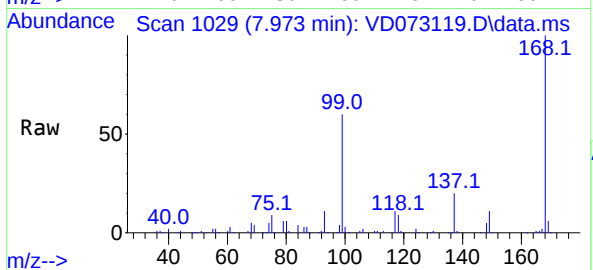
Quant Time: May 19 04:55:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
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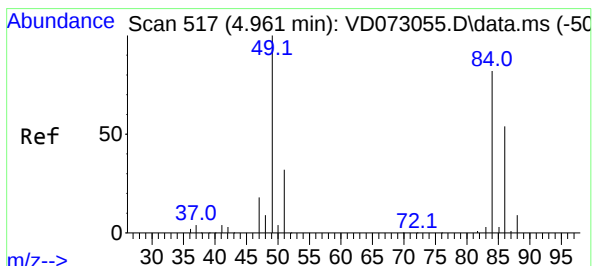
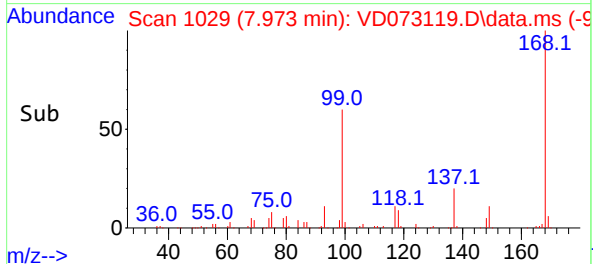
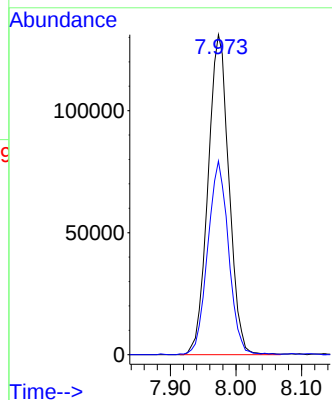


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073119.D
Acq: 19 May 2022 02:18

Instrument :
MSVOA_D
ClientSampleId :
P007-SS014-0006-01

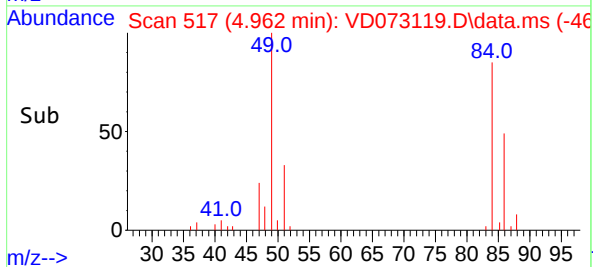
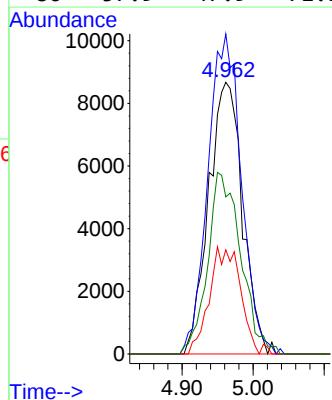
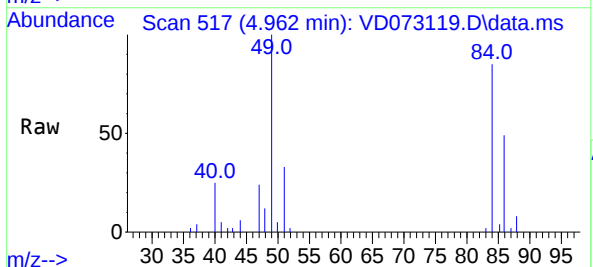


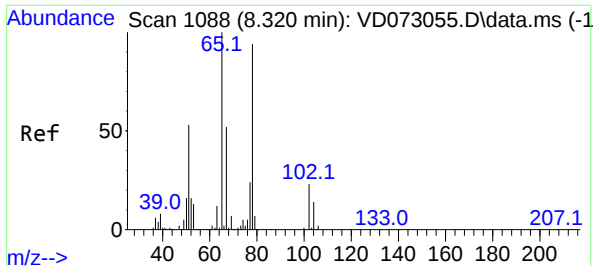
Tgt Ion:168 Resp: 290755
Ion Ratio Lower Upper
168 100
99 60.4 49.8 74.6



#20
Methylene Chloride
Concen: 6.014 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.000 min
Lab File: VD073119.D
Acq: 19 May 2022 02:18

Tgt Ion: 84 Resp: 28722
Ion Ratio Lower Upper
84 100
49 117.8 112.8 169.2
51 38.3 32.6 48.8
86 57.9 47.9 71.9

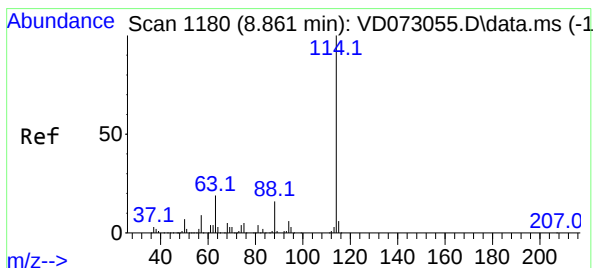
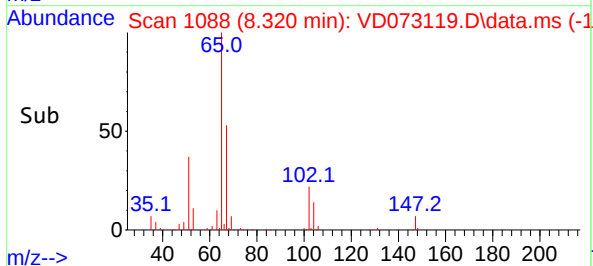
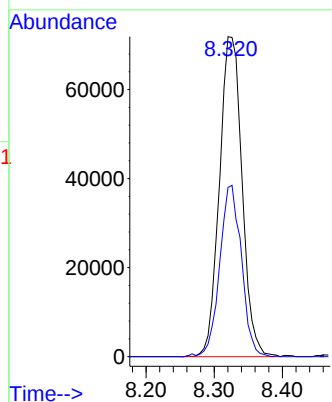
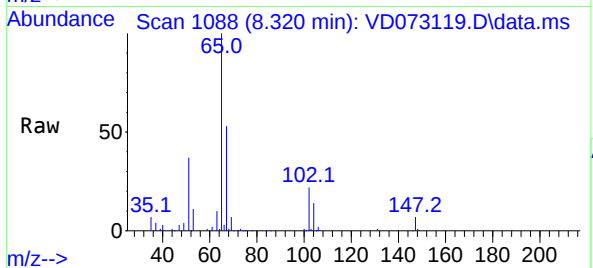




#33
1,2-Dichloroethane-d4
Concen: 45.722 ug/l
RT: 8.320 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VD073119.D
Acq: 19 May 2022 02:18

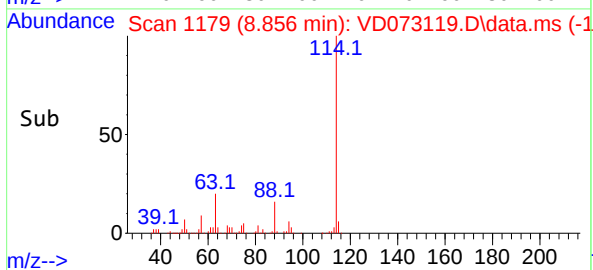
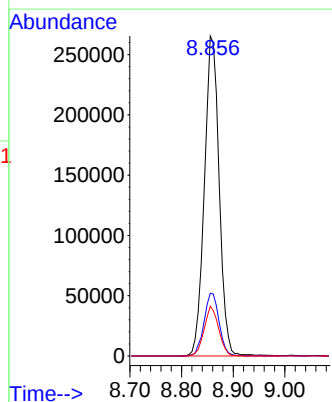
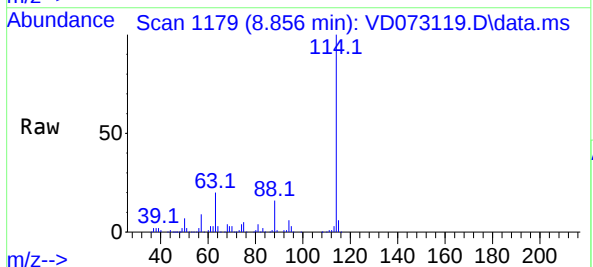
Instrument :
MSVOA_D
ClientSampleId :
P007-SS014-0006-01

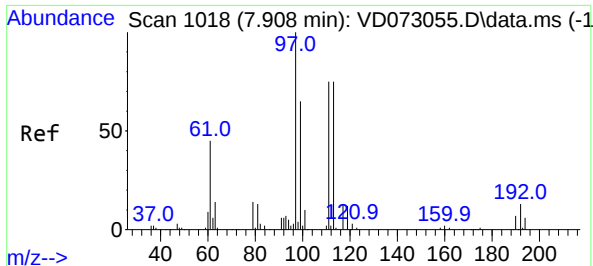
Tgt Ion: 65 Resp: 166249
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD073119.D
Acq: 19 May 2022 02:18

Tgt Ion: 114 Resp: 527755
Ion Ratio Lower Upper
114 100
63 19.6 0.0 46.6
88 15.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.327 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073119.D

Acq: 19 May 2022 02:18

Instrument :

MSVOA_D

ClientSampleId :

P007-SS014-0006-01

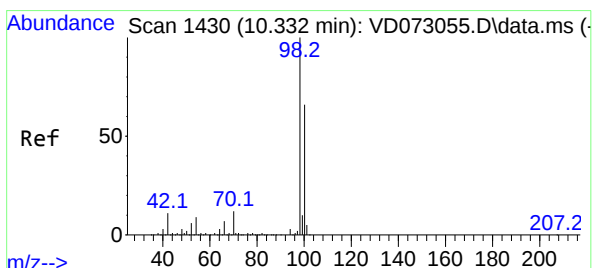
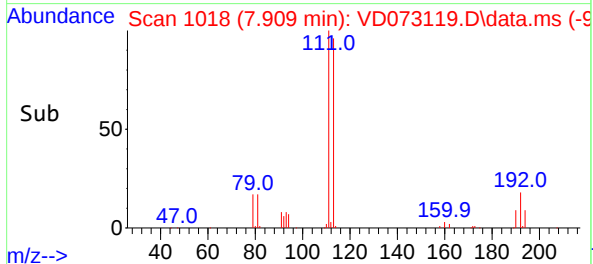
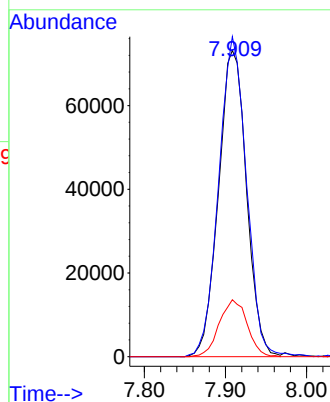
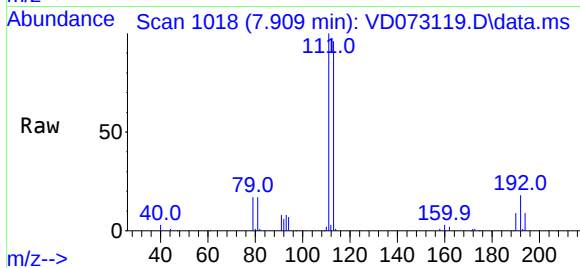
Tgt Ion:113 Resp: 175366

Ion Ratio Lower Upper

113 100

111 103.7 83.8 125.6

192 18.6 14.6 21.8



#50

Toluene-d8

Concen: 47.610 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD073119.D

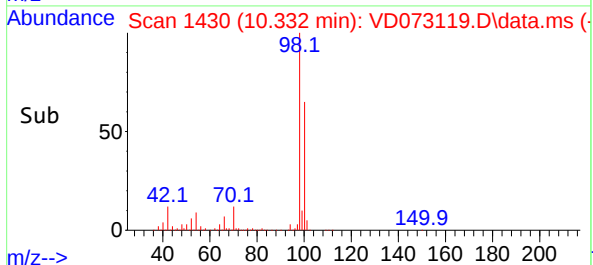
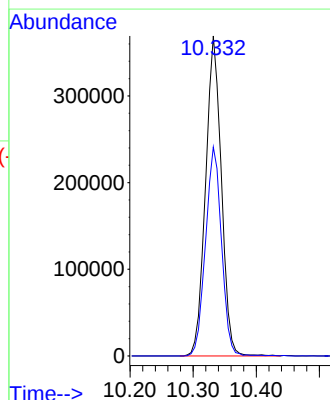
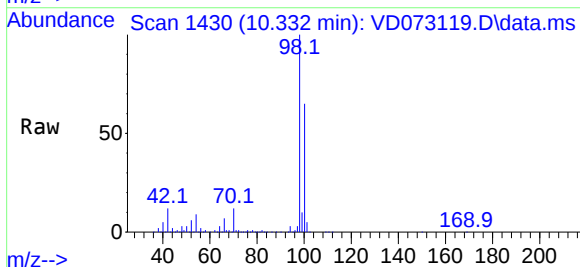
Acq: 19 May 2022 02:18

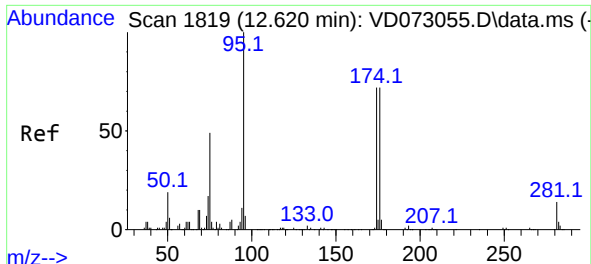
Tgt Ion: 98 Resp: 639996

Ion Ratio Lower Upper

98 100

100 66.2 52.4 78.6

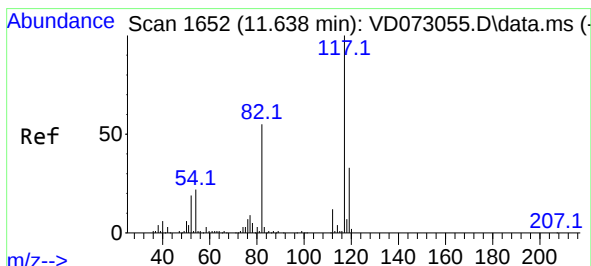
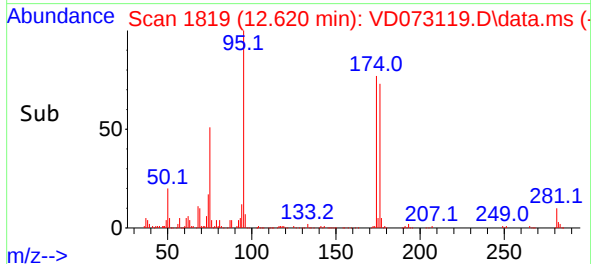
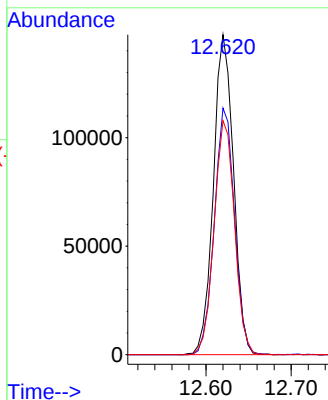
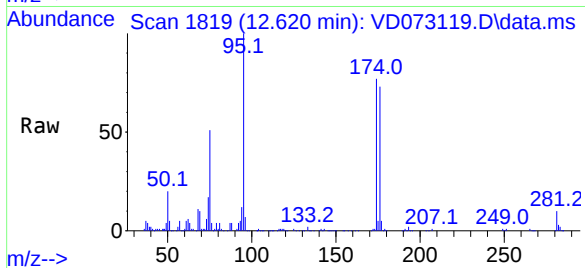




#62
4-Bromofluorobenzene
Concen: 49.762 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073119.D
Acq: 19 May 2022 02:18

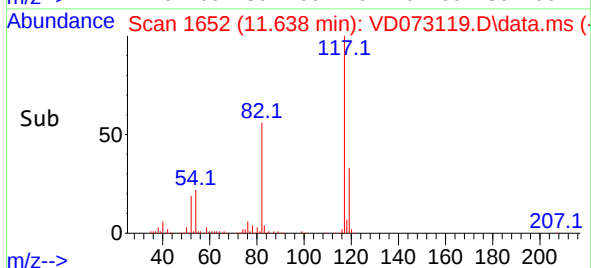
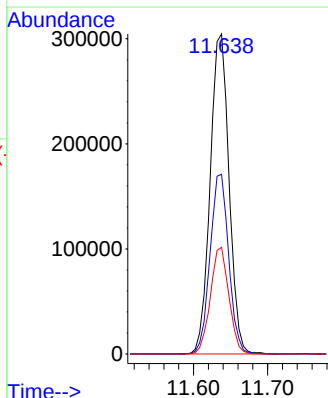
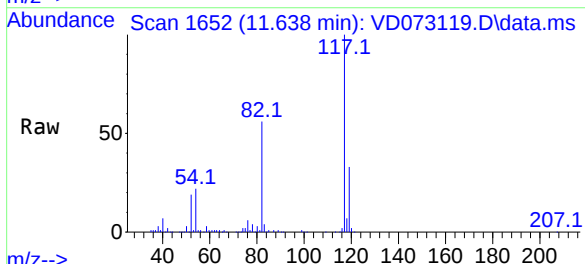
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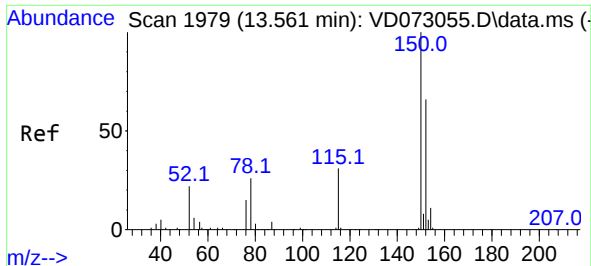
Tgt Ion: 95 Resp: 242285
Ion Ratio Lower Upper
95 100
174 77.4 0.0 152.8
176 74.3 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD073119.D
Acq: 19 May 2022 02:18

Tgt Ion: 117 Resp: 538174
Ion Ratio Lower Upper
117 100
82 56.2 45.3 67.9
119 33.3 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: VD073119.D

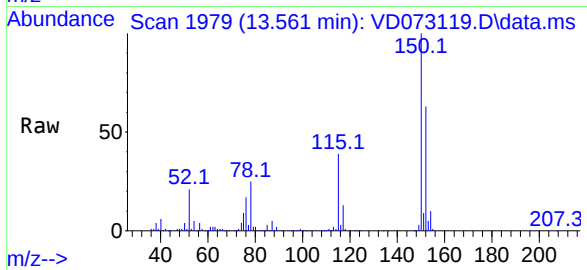
Acq: 19 May 2022 02:18

Instrument :

MSVOA_D

ClientSampleId :

P007-SS014-0006-01



Tgt Ion:152 Resp: 254021

Ion Ratio Lower Upper

152 100

115 60.7 31.3 93.8

150 157.4 0.0 348.6

