

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
 Data File : VD073107.D
 Acq On : 18 May 2022 19:08
 Operator : VA/SY
 Sample : N2832-08
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB10

Quant Time: May 19 04:47:03 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)

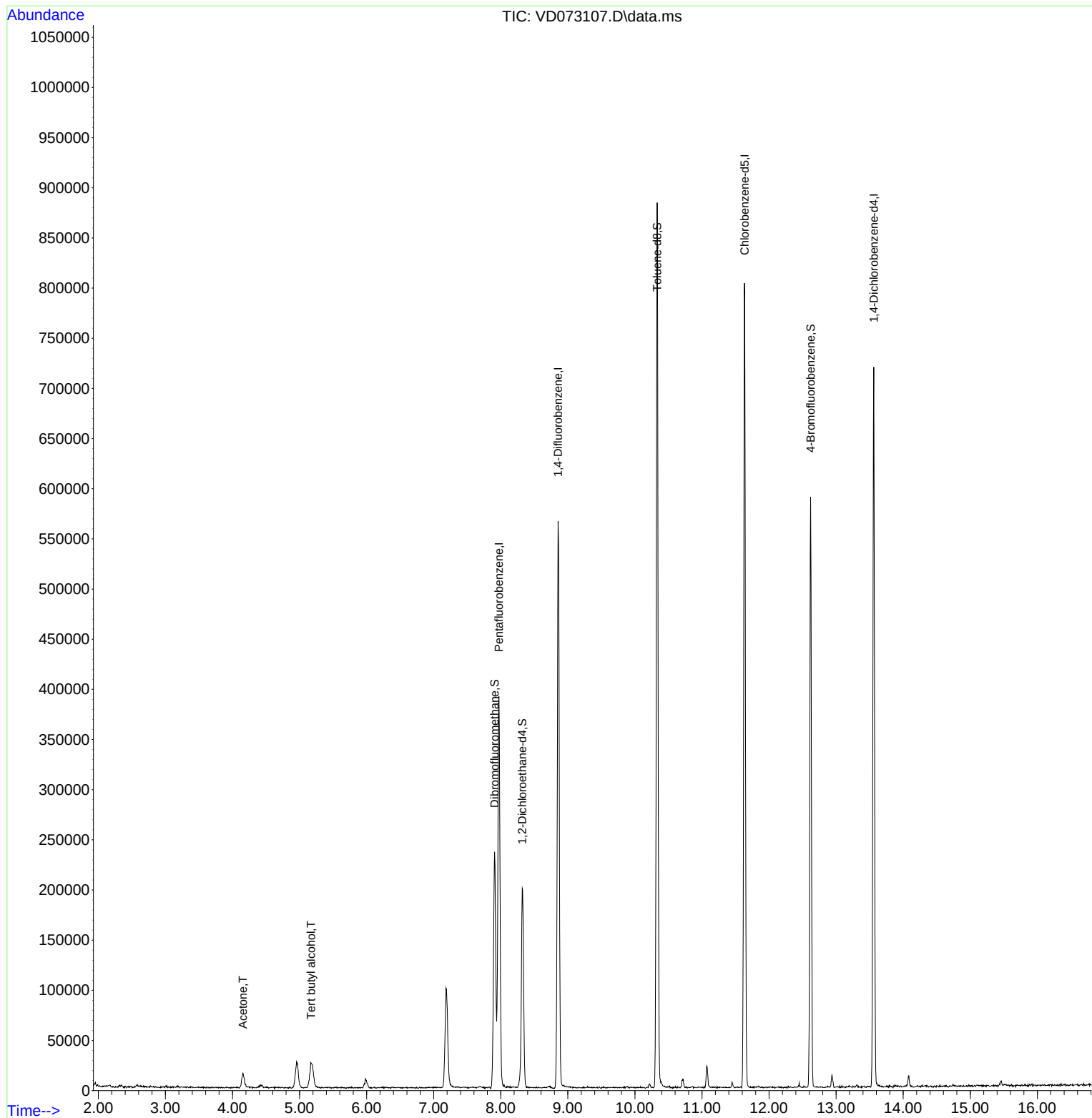
Internal Standards						
1) Pentafluorobenzene	7.973	168	274151	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	484770	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	470862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	190248	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	159651	46.566	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.140%
35) Dibromofluoromethane	7.908	113	168822	49.601	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.200%
50) Toluene-d8	10.332	98	587456	47.576	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.160%
62) 4-Bromofluorobenzene	12.620	95	191390	42.795	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.580%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.173	59	24125	45.493	ug/l #	75
16) Acetone	4.156	43	26052	41.990	ug/l	93

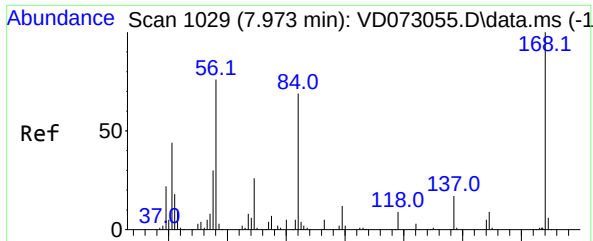
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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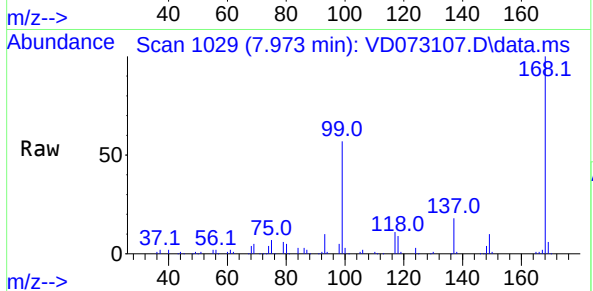
Quant Time: May 19 04:47:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
Quant Title : SW846 8260
QLast Update : Wed May 18 04:58:34 2022
Response via : Initial Calibration



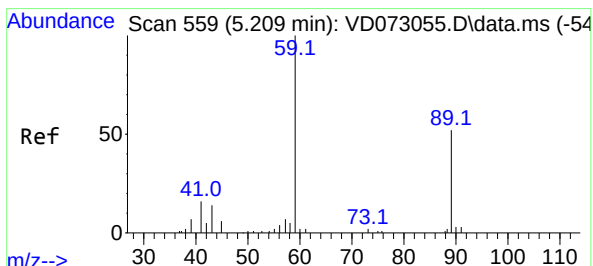
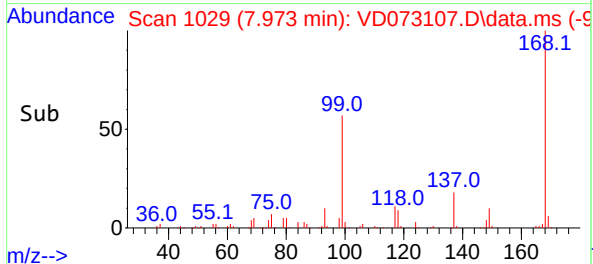
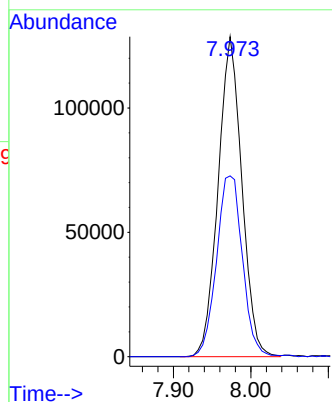


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073107.D
Acq: 18 May 2022 19:08

Instrument :
MSVOA_D
ClientSampleId :
SB10

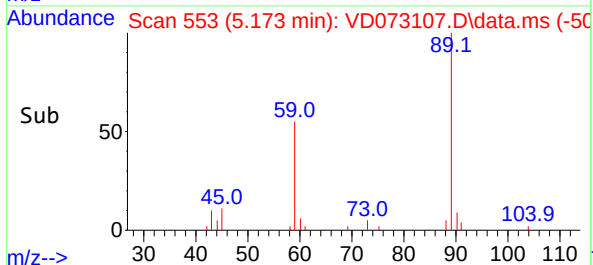
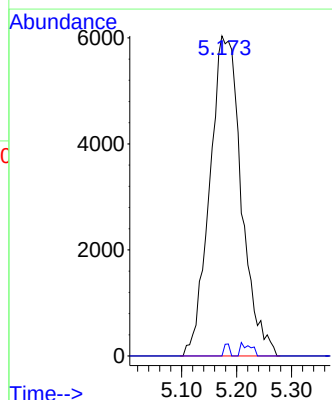
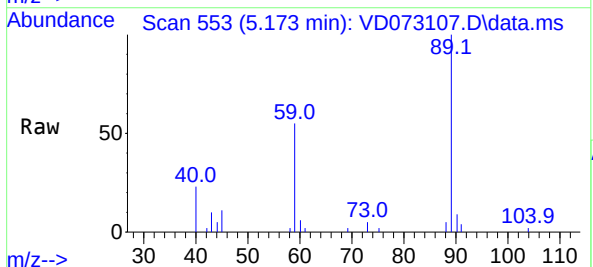


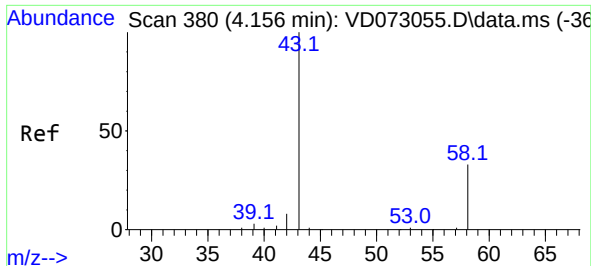
Tgt Ion:168 Resp: 274151
Ion Ratio Lower Upper
168 100
99 56.5 49.8 74.6



#11
Tert butyl alcohol
Concen: 45.493 ug/l
RT: 5.173 min Scan# 553
Delta R.T. -0.036 min
Lab File: VD073107.D
Acq: 18 May 2022 19:08

Tgt Ion: 59 Resp: 24125
Ion Ratio Lower Upper
59 100
57 0.7 7.8 11.6#

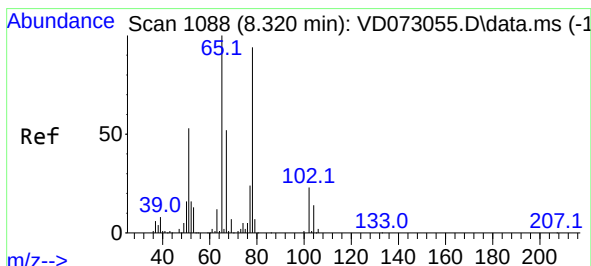
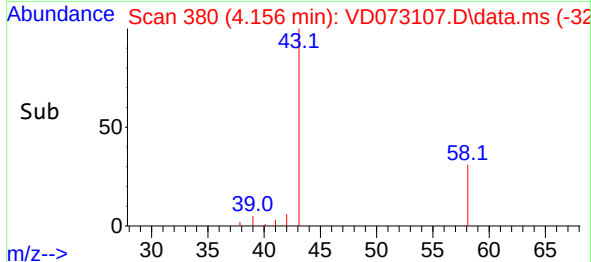
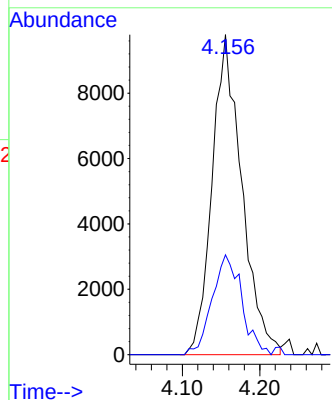
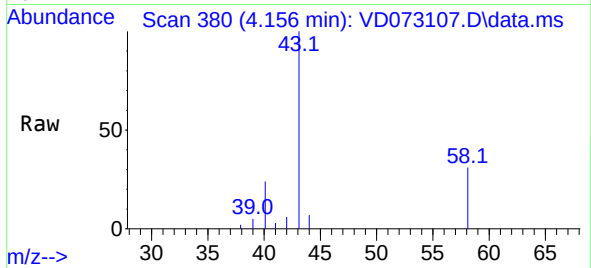




#16
Acetone
Concen: 41.990 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD073107.D
Acq: 18 May 2022 19:08

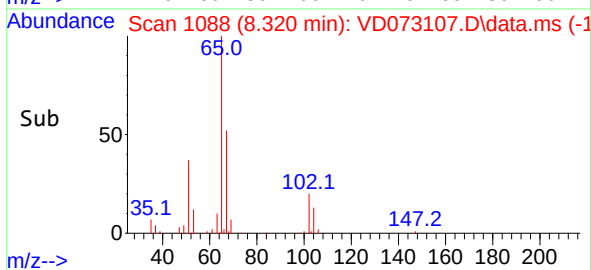
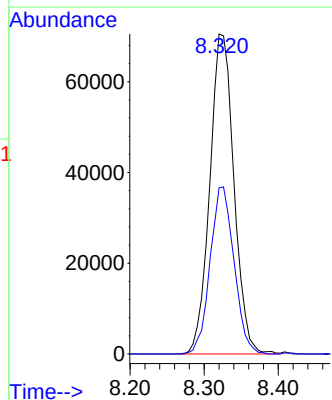
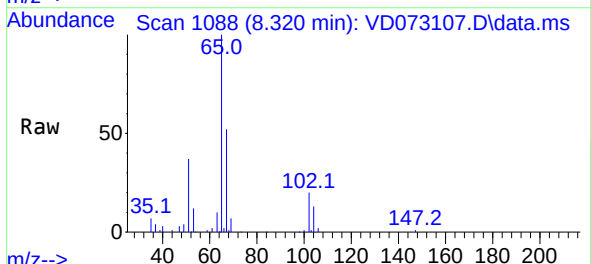
Instrument :
MSVOA_D
ClientSampleId :
SB10

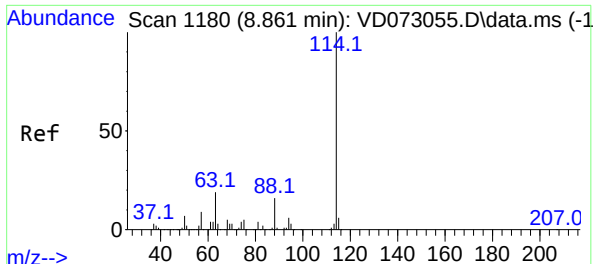
Tgt Ion: 43 Resp: 26052
Ion Ratio Lower Upper
43 100
58 31.2 22.1 33.1



#33
1,2-Dichloroethane-d4
Concen: 46.566 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073107.D
Acq: 18 May 2022 19:08

Tgt Ion: 65 Resp: 159651
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD073107.D

Acq: 18 May 2022 19:08

Instrument :

MSVOA_D

ClientSampleId :

SB10

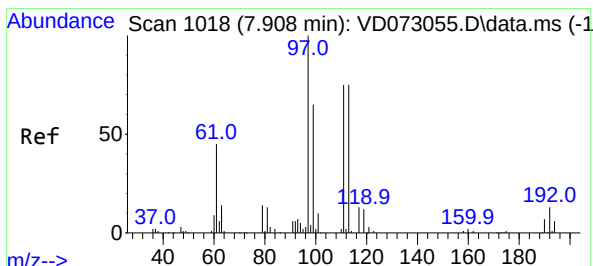
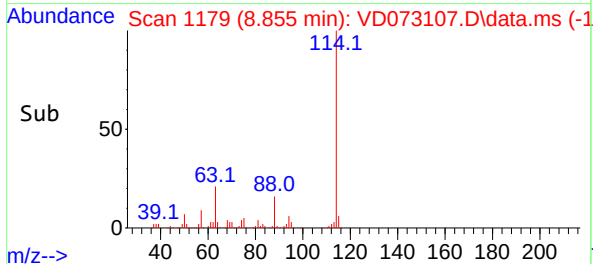
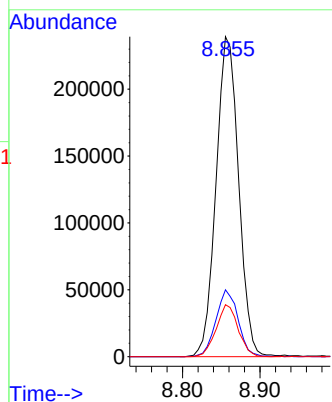
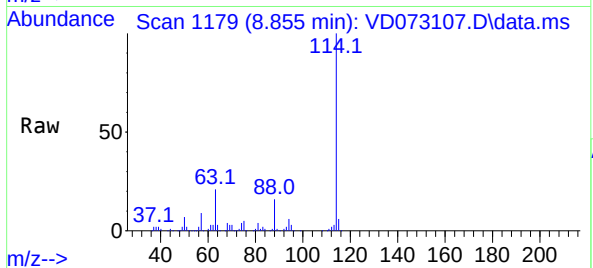
Tgt Ion:114 Resp: 484770

Ion Ratio Lower Upper

114 100

63 20.9 0.0 46.6

88 16.3 0.0 33.2



#35

Dibromofluoromethane

Concen: 49.601 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073107.D

Acq: 18 May 2022 19:08

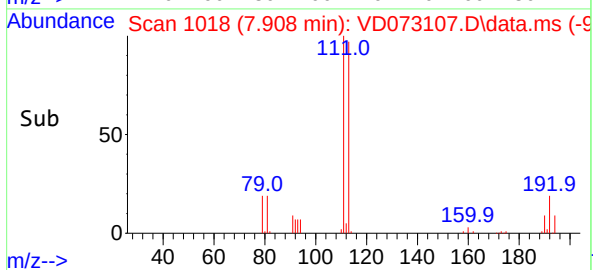
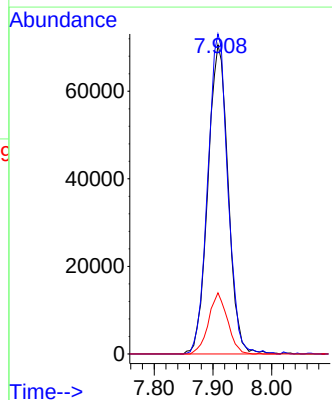
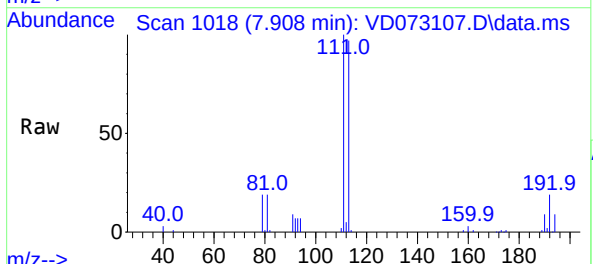
Tgt Ion:113 Resp: 168822

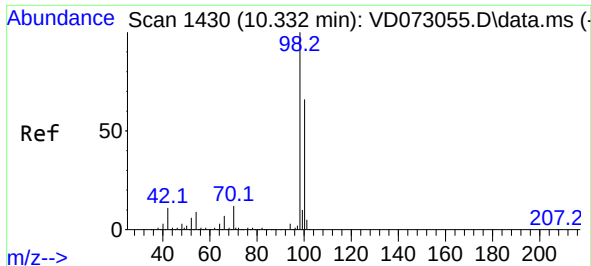
Ion Ratio Lower Upper

113 100

111 102.5 83.8 125.6

192 18.5 14.6 21.8

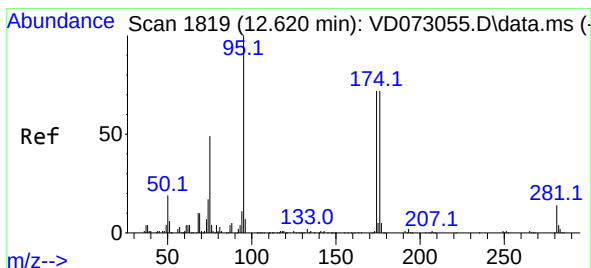
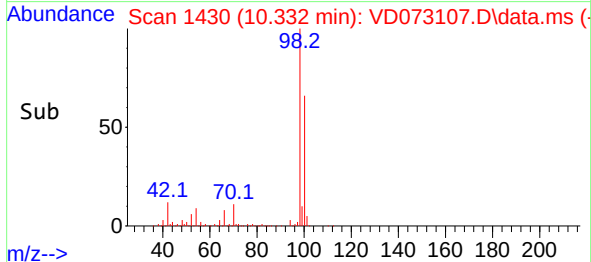
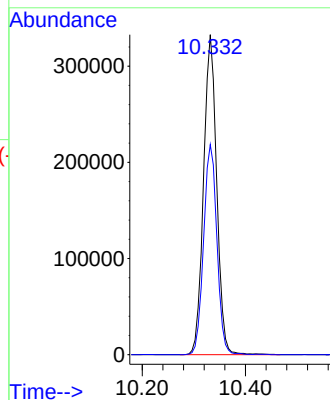
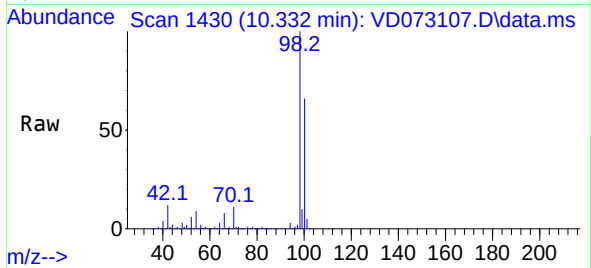




#50
Toluene-d8
Concen: 47.576 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073107.D
Acq: 18 May 2022 19:08

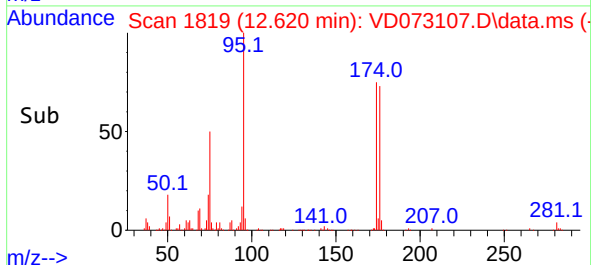
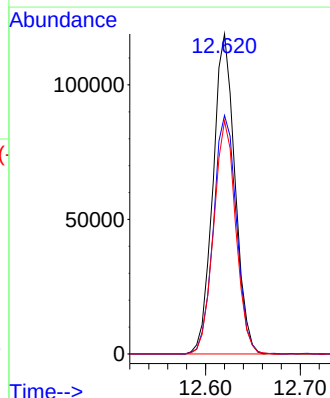
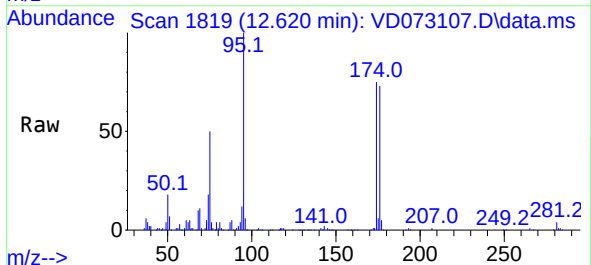
Instrument :
MSVOA_D
ClientSampleId :
SB10

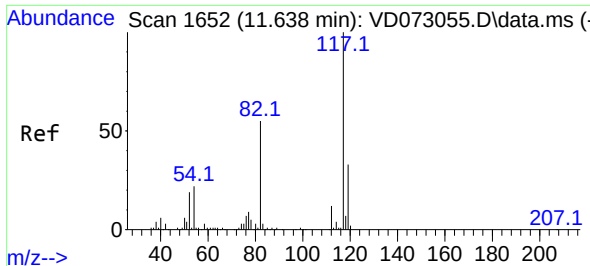
Tgt Ion: 98 Resp: 587456
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 42.795 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073107.D
Acq: 18 May 2022 19:08

Tgt Ion: 95 Resp: 191390
Ion Ratio Lower Upper
95 100
174 78.0 0.0 152.8
176 73.3 0.0 145.4

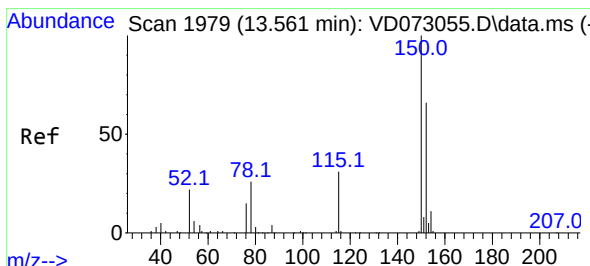
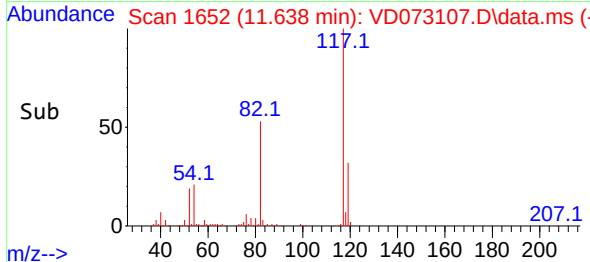
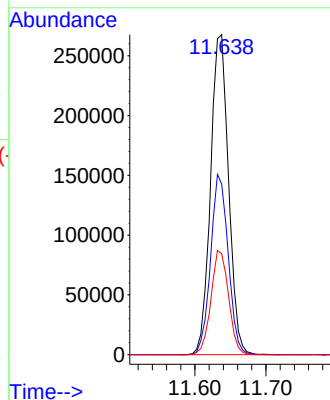
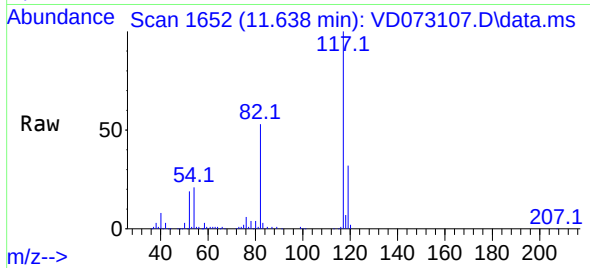




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD073107.D
Acq: 18 May 2022 19:08

Instrument :
MSVOA_D
ClientSampleId :
SB10

Tgt Ion:117 Resp: 470862
Ion Ratio Lower Upper
117 100
82 53.3 45.3 67.9
119 31.6 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: VD073107.D
Acq: 18 May 2022 19:08

Tgt Ion:152 Resp: 190248
Ion Ratio Lower Upper
152 100
115 60.1 31.3 93.8
150 158.6 0.0 348.6

