

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
 Data File : VD073517.D
 Acq On : 09 Jun 2022 19:46
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Jun 10 06:14:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 10 05:32:19 2022
 Response via : Initial Calibration

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

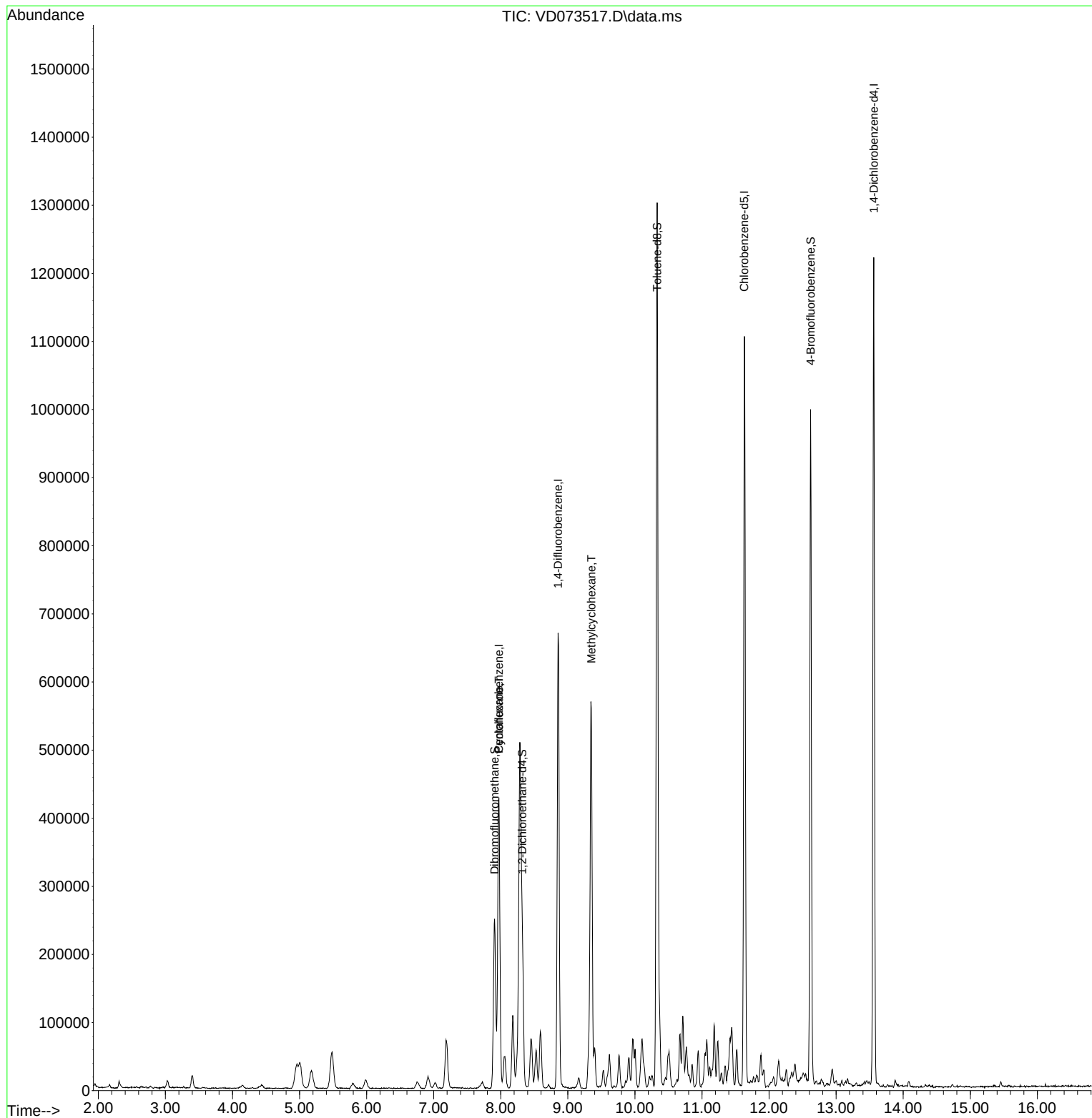
Internal Standards						
1) Pentafluorobenzene	7.973	168	303975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	582609	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	670690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	331652	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	152213	46.662	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.320%
35) Dibromofluoromethane	7.908	113	181174	48.359	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.720%
50) Toluene-d8	10.332	98	768202	54.234	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.460%
62) 4-Bromofluorobenzene	12.620	95	328930	63.967	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	127.940%
Target Compounds						
					Qvalue	
31) Cyclohexane	7.973	56	18486	3.364	ug/l #	33
39) Methylcyclohexane	9.349	83	233529	35.614	ug/l	97

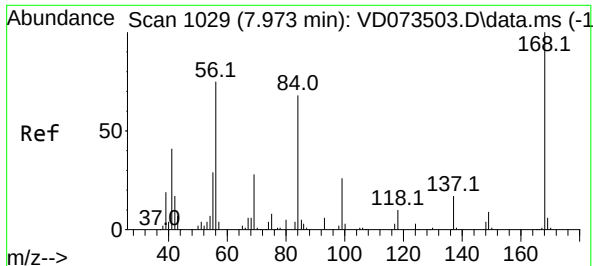
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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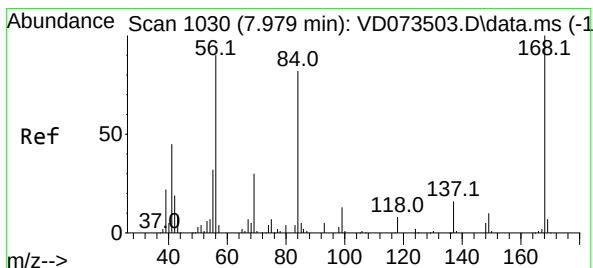
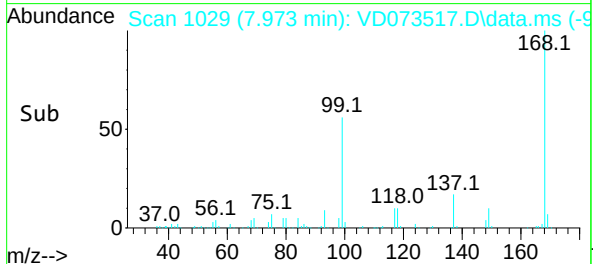
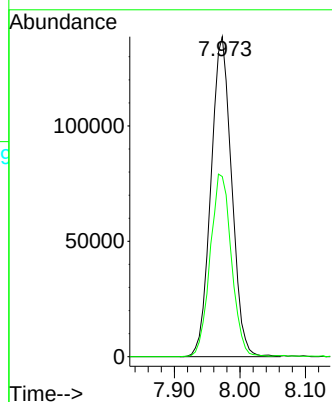
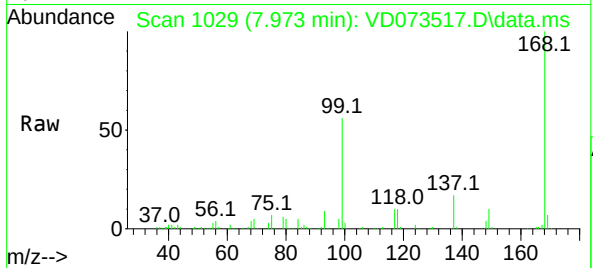




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073517.D
Acq: 09 Jun 2022 19:46

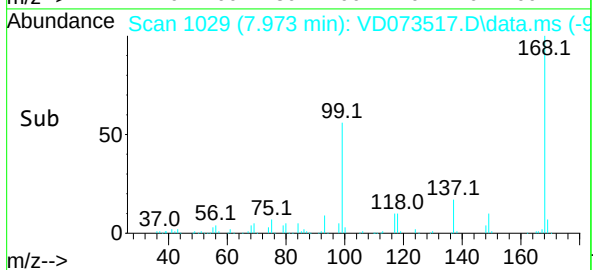
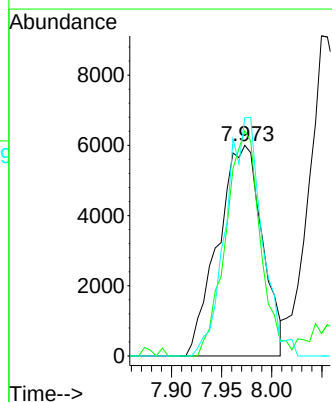
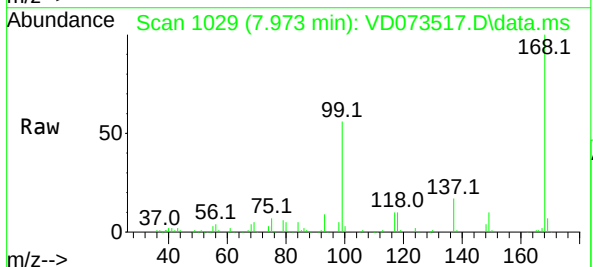
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

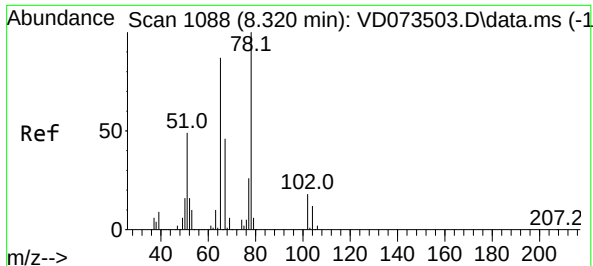
Tgt Ion:168 Resp: 303975
Ion Ratio Lower Upper
168 100
99 56.3 49.8 74.6



#31
Cyclohexane
Concen: 3.364 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073517.D
Acq: 09 Jun 2022 19:46

Tgt Ion: 56 Resp: 18486
Ion Ratio Lower Upper
56 100
69 106.9 25.4 38.2#
84 113.2 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 46.662 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD073517.D

Acq: 09 Jun 2022 19:46

Instrument :

MSVOA_D

ClientSampleId :

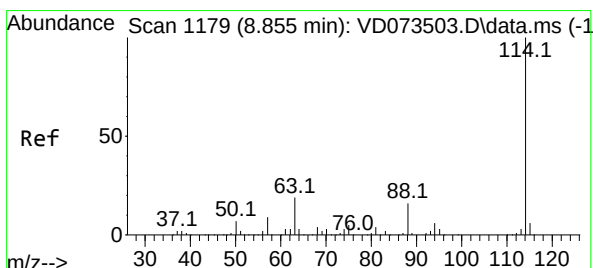
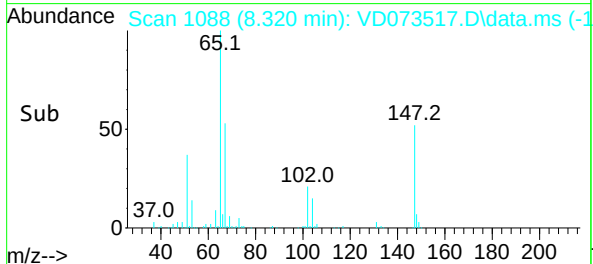
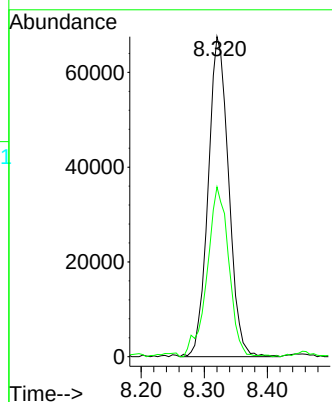
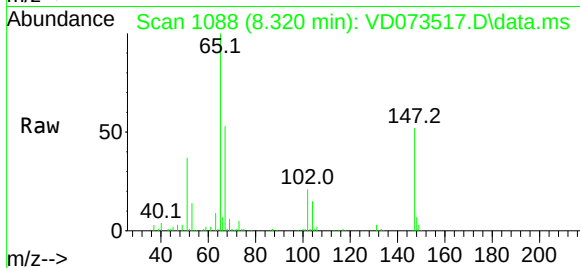
VIBLK

Tgt Ion: 65 Resp: 152213

Ion Ratio Lower Upper

65 100

67 56.0 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073517.D

Acq: 09 Jun 2022 19:46

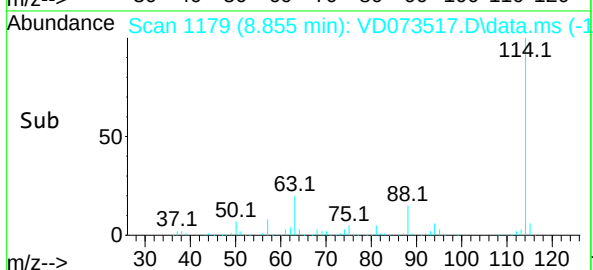
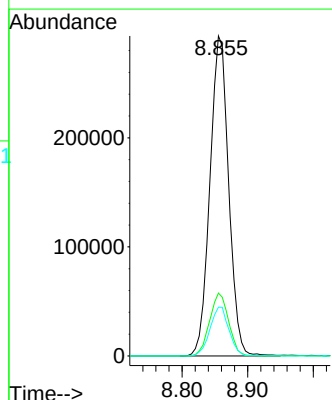
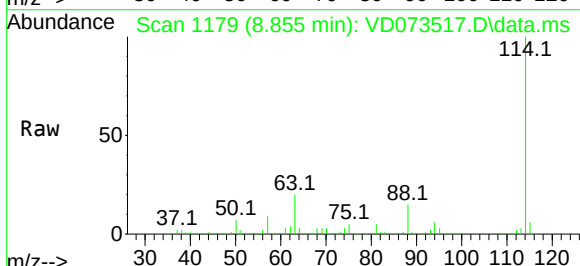
Tgt Ion: 114 Resp: 582609

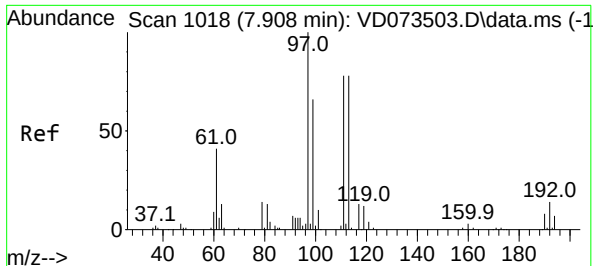
Ion Ratio Lower Upper

114 100

63 19.6 0.0 46.6

88 15.2 0.0 33.2

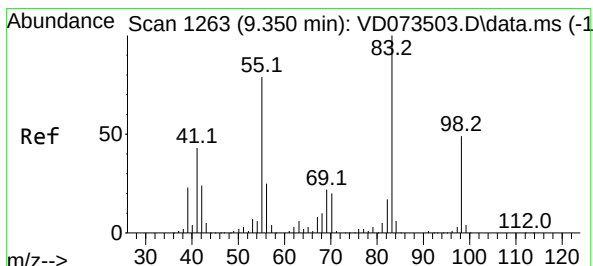
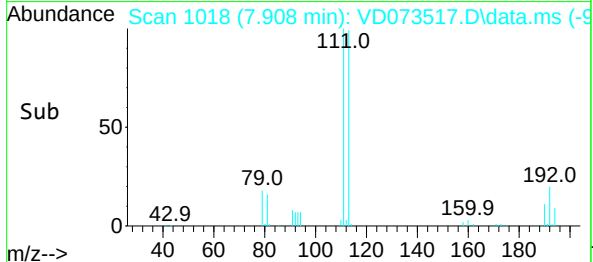
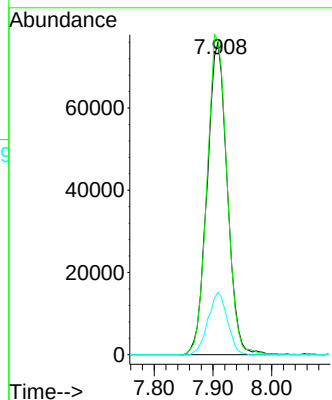
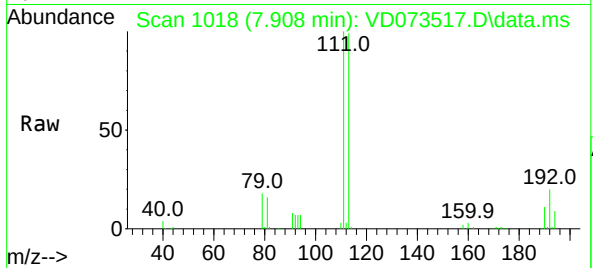




#35
Dibromofluoromethane
Concen: 48.359 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD073517.D
Acq: 09 Jun 2022 19:46

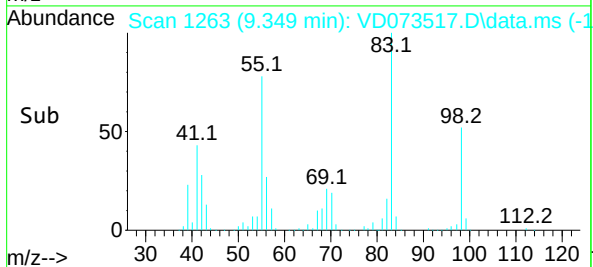
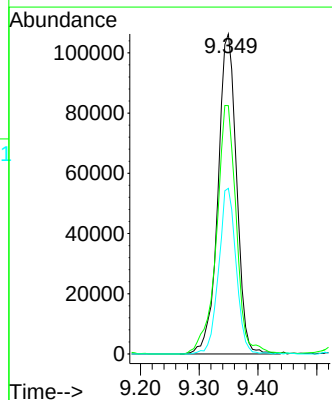
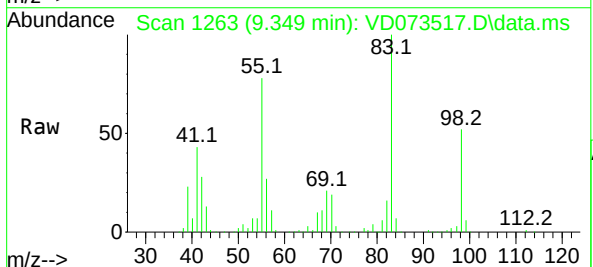
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

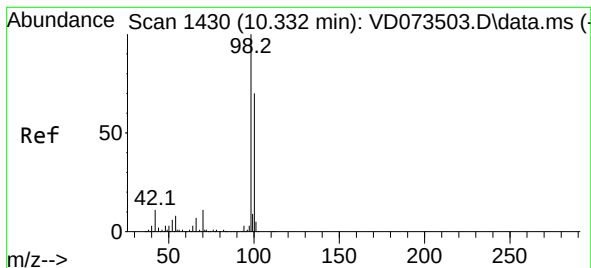
Tgt Ion:113 Resp: 181174
Ion Ratio Lower Upper
113 100
111 101.6 83.8 125.6
192 19.2 14.6 21.8



#39
Methylcyclohexane
Concen: 35.614 ug/l
RT: 9.349 min Scan# 1263
Delta R.T. -0.001 min
Lab File: VD073517.D
Acq: 09 Jun 2022 19:46

Tgt Ion: 83 Resp: 233529
Ion Ratio Lower Upper
83 100
55 77.6 63.2 94.8
98 51.8 38.2 57.4





#50

Toluene-d8

Concen: 54.234 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073517.D

Acq: 09 Jun 2022 19:46

Instrument :

MSVOA_D

ClientSampleId :

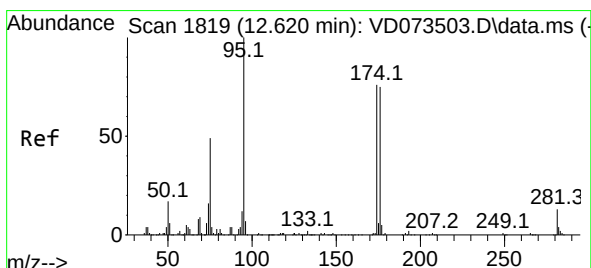
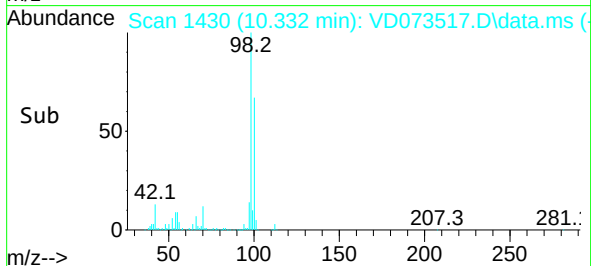
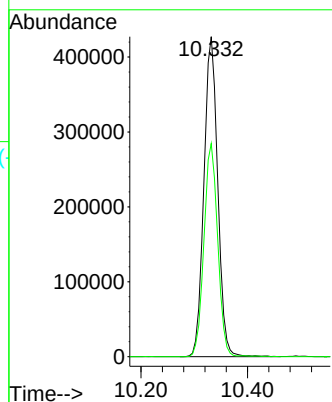
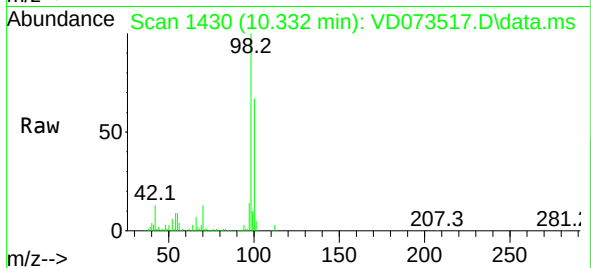
VIBLK

Tgt Ion: 98 Resp: 768202

Ion Ratio Lower Upper

98 100

100 66.1 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 63.967 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.000 min

Lab File: VD073517.D

Acq: 09 Jun 2022 19:46

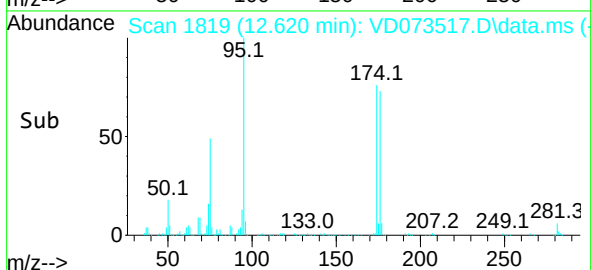
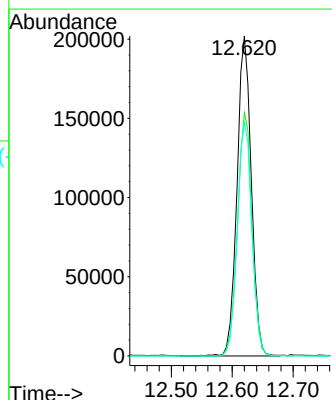
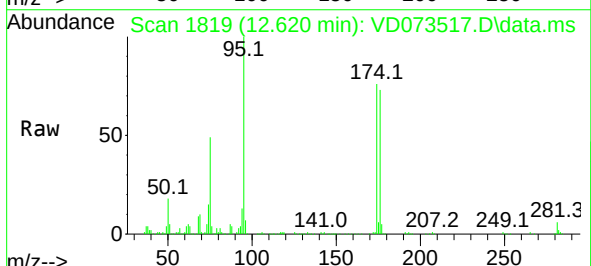
Tgt Ion: 95 Resp: 328930

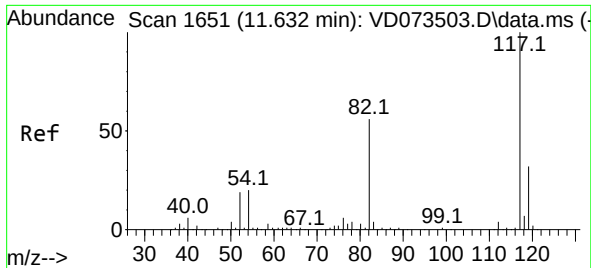
Ion Ratio Lower Upper

95 100

174 77.0 0.0 152.8

176 73.7 0.0 145.4

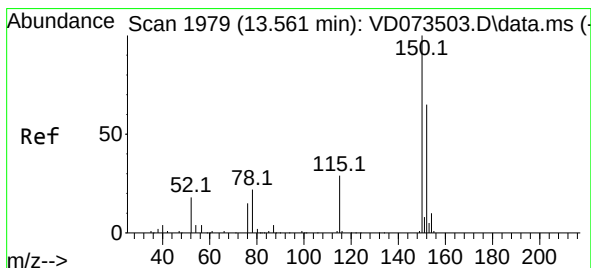
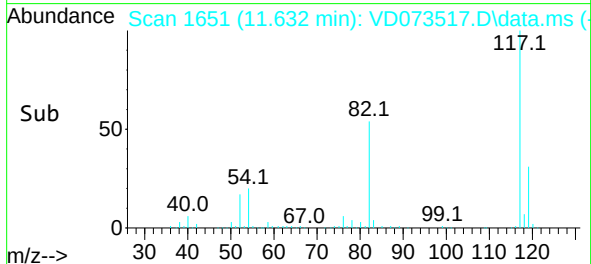
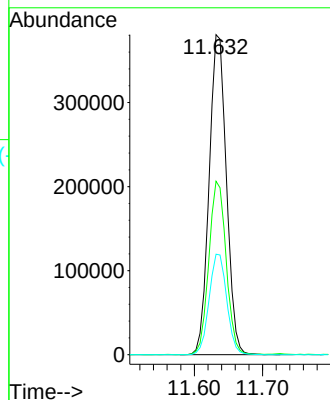
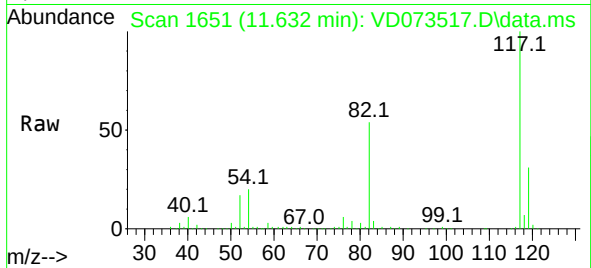




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073517.D
Acq: 09 Jun 2022 19:46

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 670690
Ion Ratio Lower Upper
117 100
82 54.1 45.3 67.9
119 31.4 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: VD073517.D
Acq: 09 Jun 2022 19:46

Tgt Ion:152 Resp: 331652
Ion Ratio Lower Upper
152 100
115 59.5 31.3 93.8
150 154.6 0.0 348.6

