

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
 Data File : VD073516.D
 Acq On : 09 Jun 2022 19:16
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Jun 10 06:14:45 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)

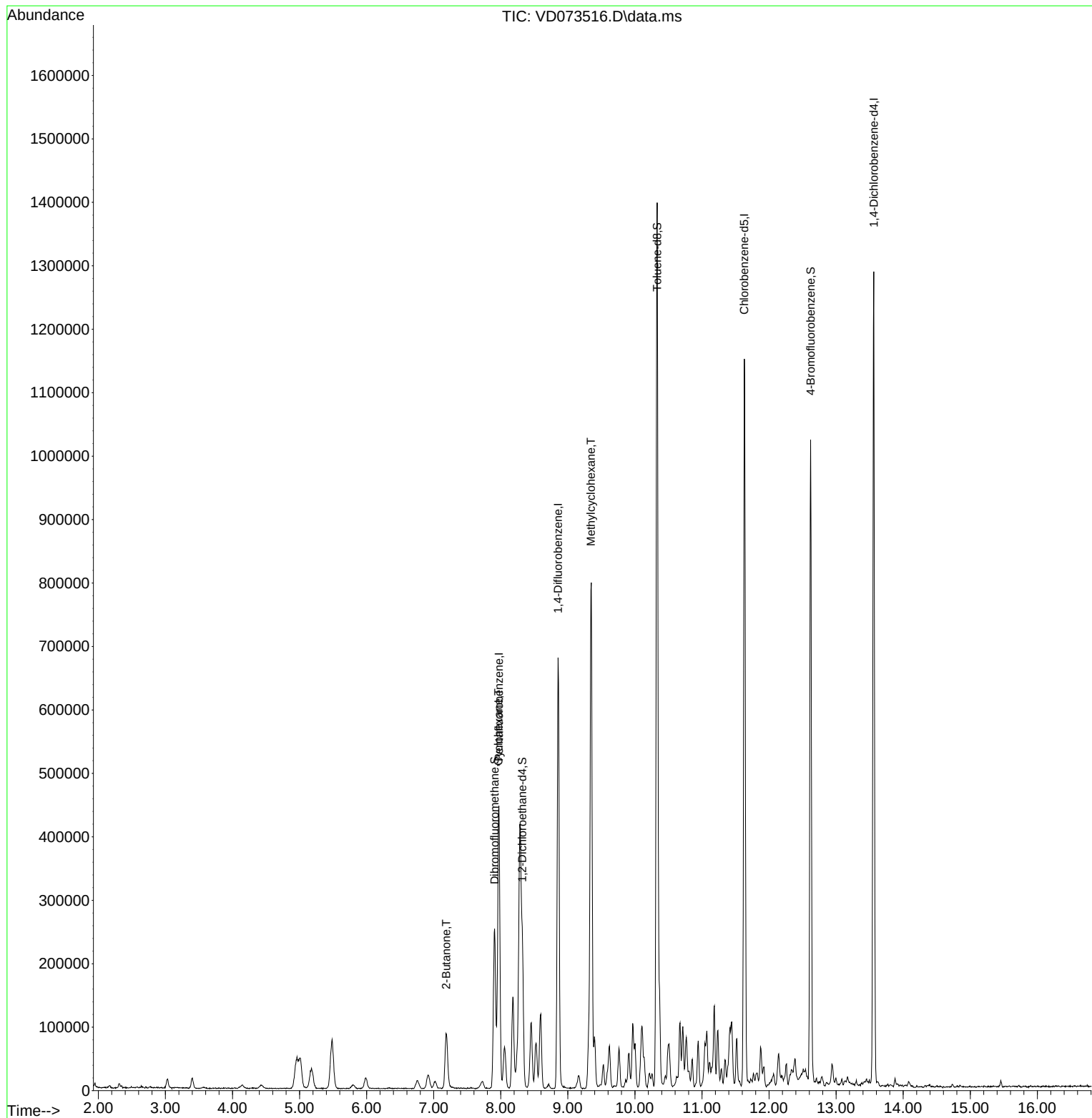
Internal Standards						
1) Pentafluorobenzene	7.973	168	311244	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	596965	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	689895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	343196	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	157381	47.119	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.240%
35) Dibromofluoromethane	7.908	113	187376	48.812	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.620%
50) Toluene-d8	10.332	98	791425	54.529	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.060%
62) 4-Bromofluorobenzene	12.620	95	337855	64.123	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	128.240%
Target Compounds						
					Qvalue	
25) 2-Butanone	7.185	43	6848	7.914	ug/l #	77
31) Cyclohexane	7.967	56	24524	4.359	ug/l #	72
39) Methylcyclohexane	9.344	83	329075	48.979	ug/l	97

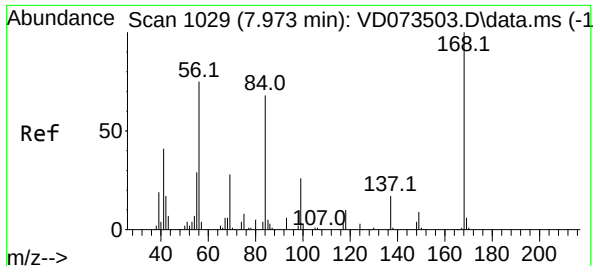
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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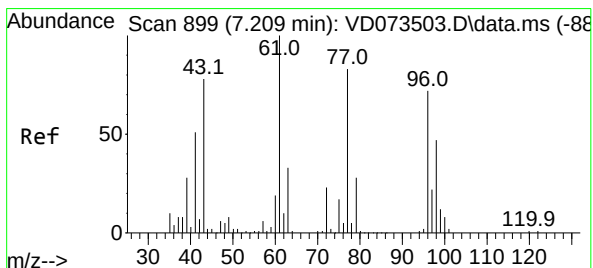
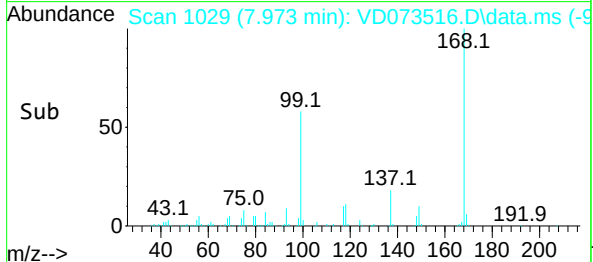
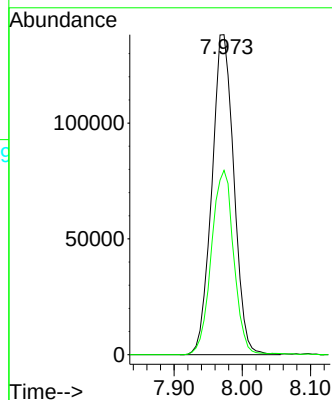
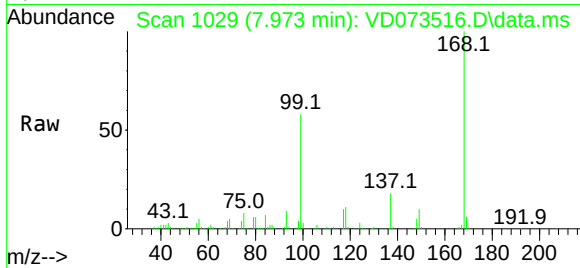




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073516.D
Acq: 09 Jun 2022 19:16

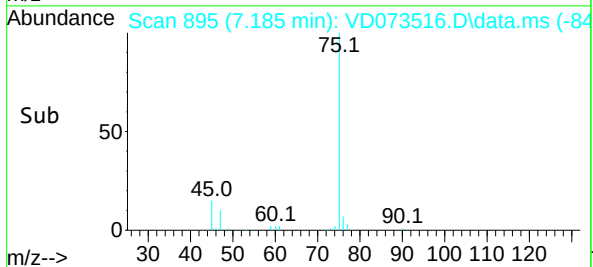
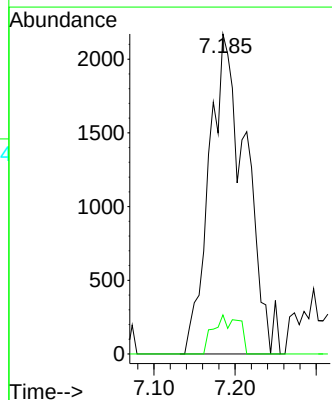
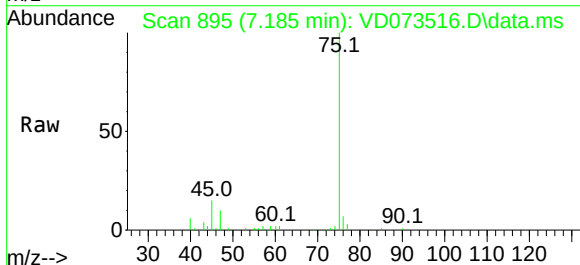
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

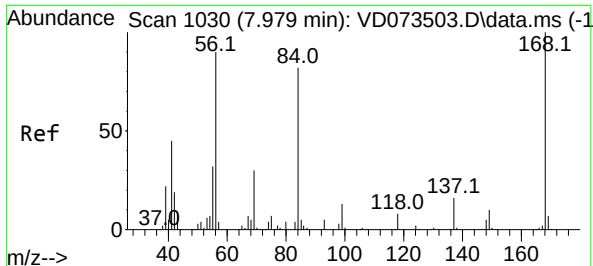
Tgt Ion:168 Resp: 311244
Ion Ratio Lower Upper
168 100
99 57.6 49.8 74.6



#25
2-Butanone
Concen: 7.914 ug/l
RT: 7.185 min Scan# 895
Delta R.T. -0.024 min
Lab File: VD073516.D
Acq: 09 Jun 2022 19:16

Tgt Ion: 43 Resp: 6848
Ion Ratio Lower Upper
43 100
72 12.2 18.6 27.8#





#31

Cyclohexane

Concen: 4.359 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.012 min

Lab File: VD073516.D

Acq: 09 Jun 2022 19:16

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

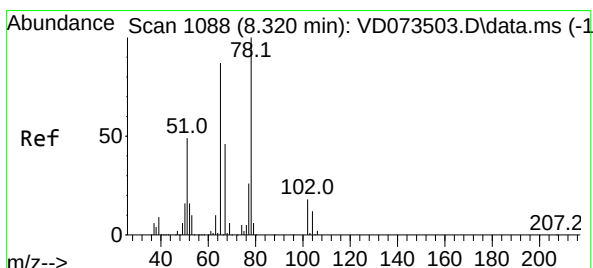
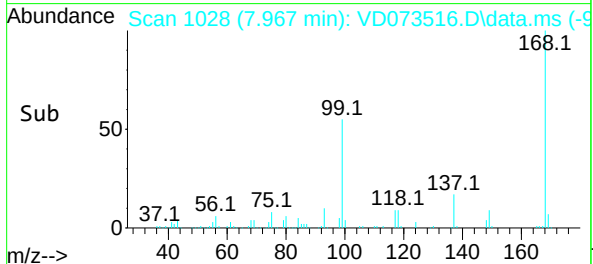
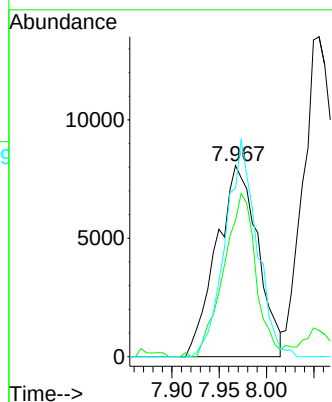
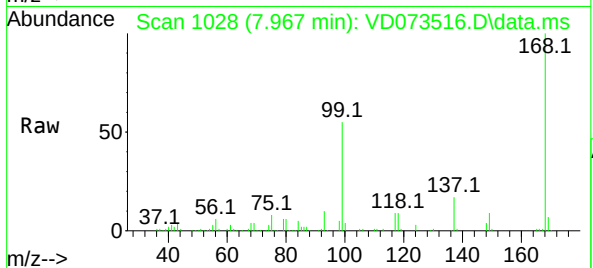
Tgt Ion: 56 Resp: 24524

Ion Ratio Lower Upper

56 100

69 71.4 25.4 38.2#

84 88.2 63.0 94.4



#33

1,2-Dichloroethane-d4

Concen: 47.119 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD073516.D

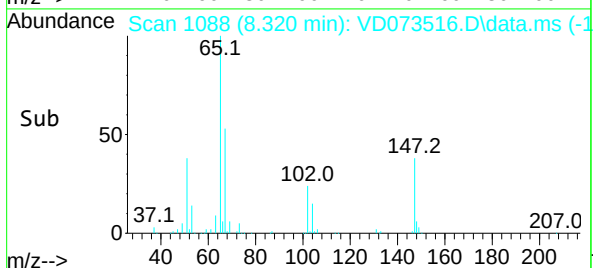
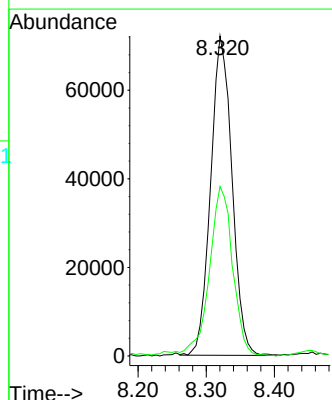
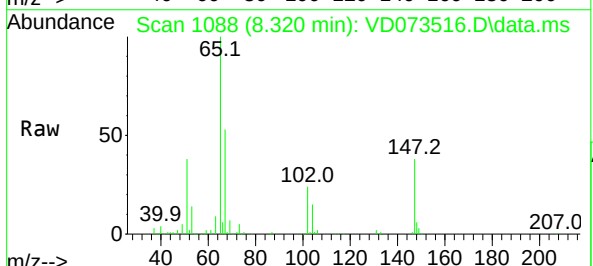
Acq: 09 Jun 2022 19:16

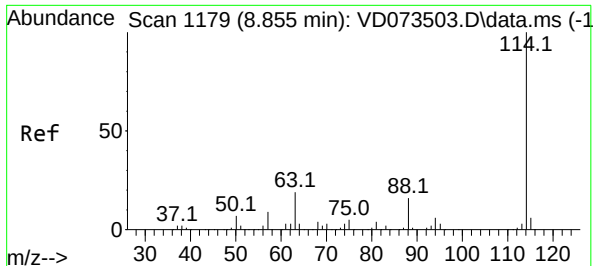
Tgt Ion: 65 Resp: 157381

Ion Ratio Lower Upper

65 100

67 57.7 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: VD073516.D

Acq: 09 Jun 2022 19:16

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

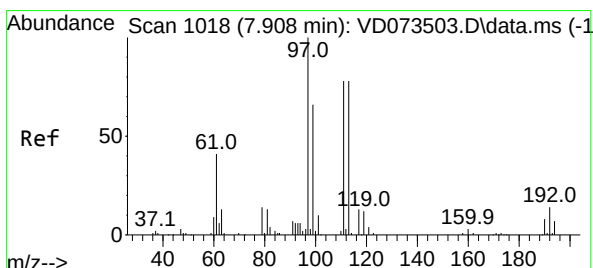
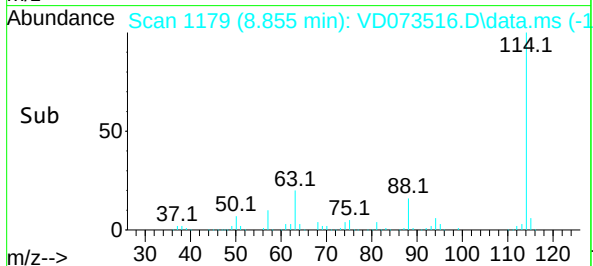
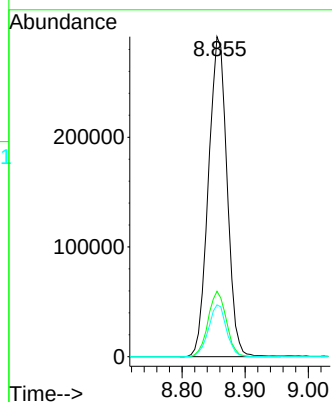
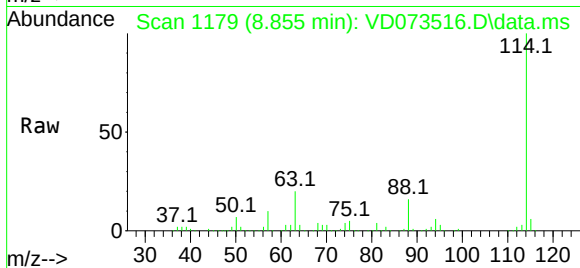
Tgt Ion:114 Resp: 596965

Ion Ratio Lower Upper

114 100

63 20.5 0.0 46.6

88 16.2 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.812 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073516.D

Acq: 09 Jun 2022 19:16

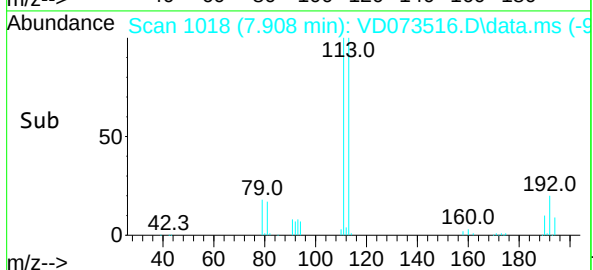
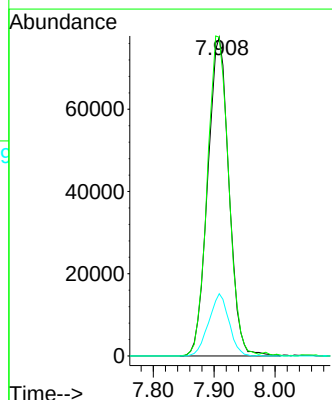
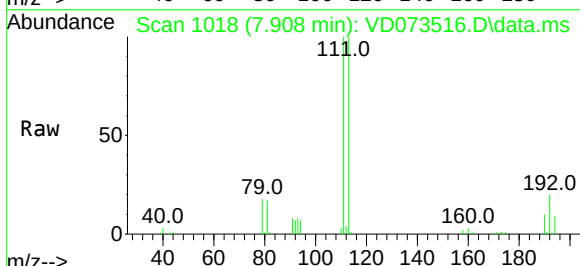
Tgt Ion:113 Resp: 187376

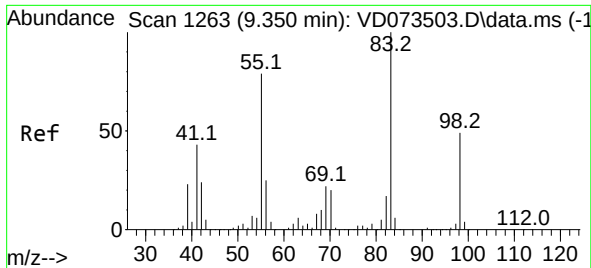
Ion Ratio Lower Upper

113 100

111 101.1 83.8 125.6

192 18.6 14.6 21.8





#39

Methylcyclohexane

Concen: 48.979 ug/l

RT: 9.344 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD073516.D

Acq: 09 Jun 2022 19:16

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

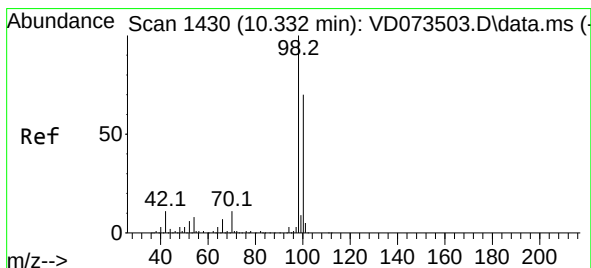
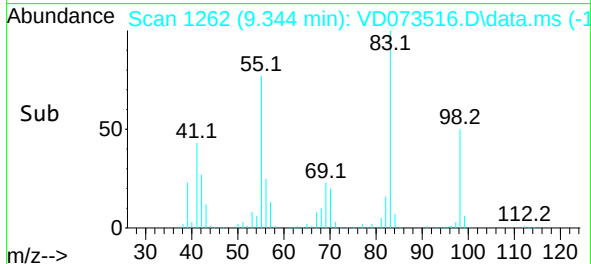
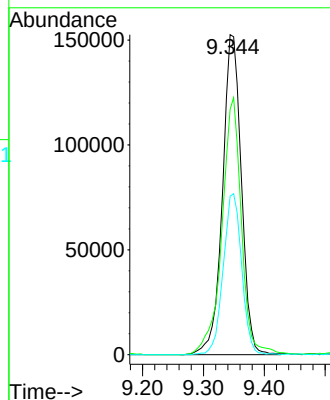
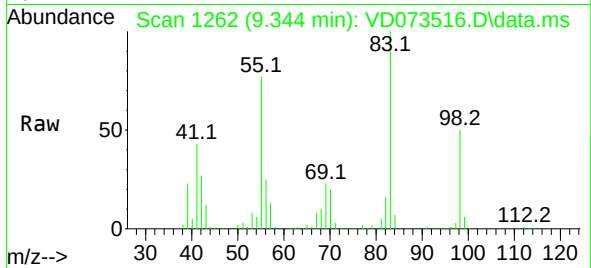
Tgt Ion: 83 Resp: 329075

Ion Ratio Lower Upper

83 100

55 76.7 63.2 94.8

98 49.6 38.2 57.4



#50

Toluene-d8

Concen: 54.529 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073516.D

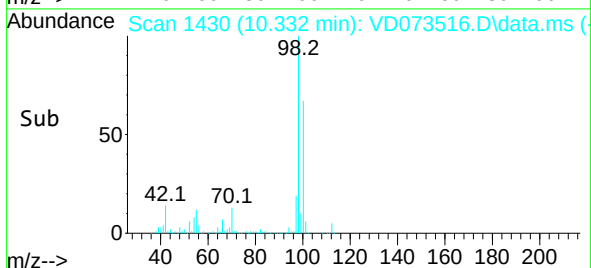
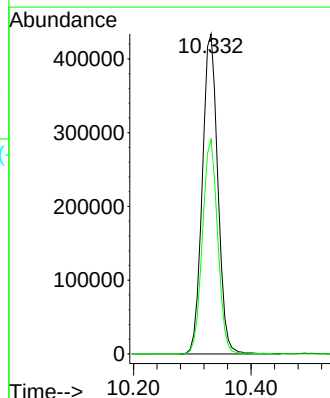
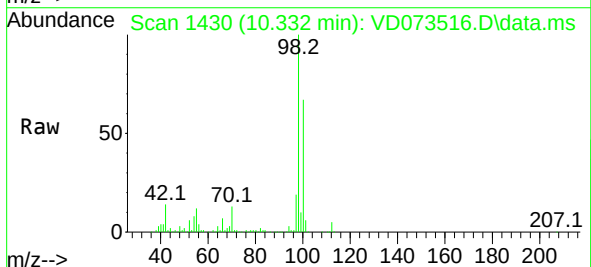
Acq: 09 Jun 2022 19:16

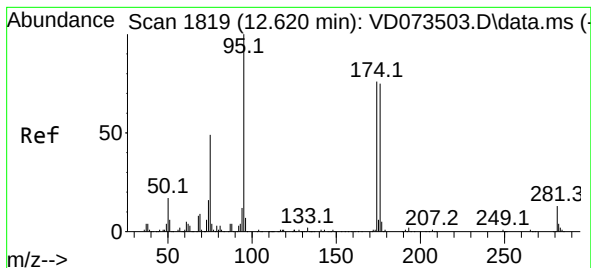
Tgt Ion: 98 Resp: 791425

Ion Ratio Lower Upper

98 100

100 66.1 52.4 78.6

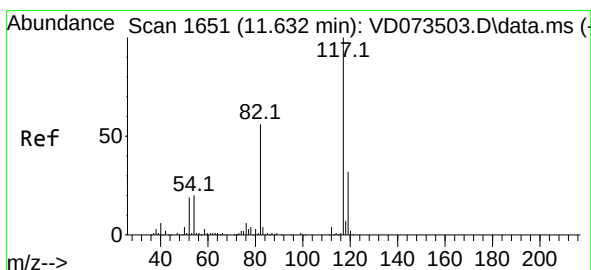
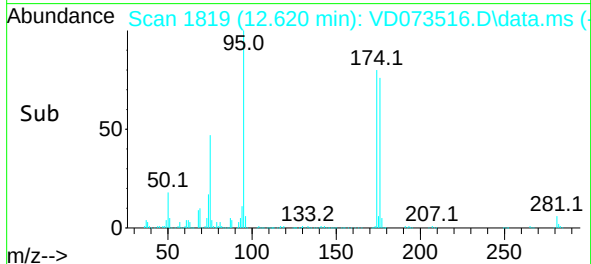
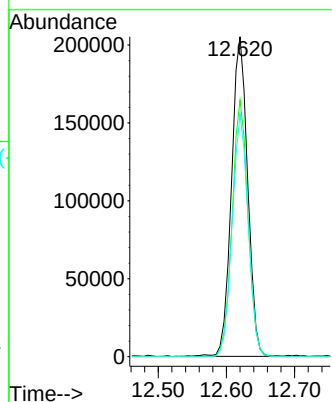
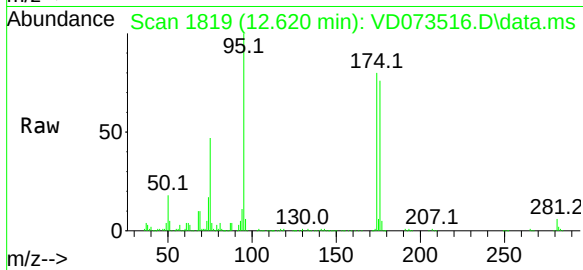




#62
4-Bromofluorobenzene
Concen: 64.123 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073516.D
Acq: 09 Jun 2022 19:16

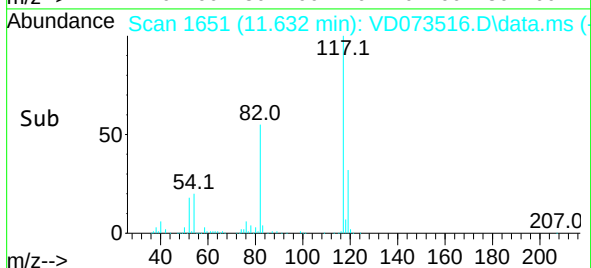
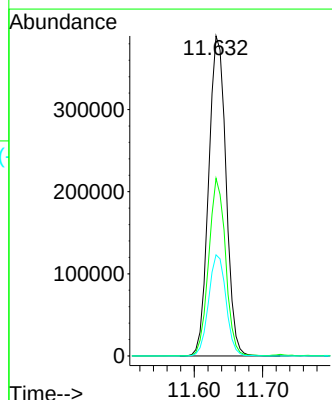
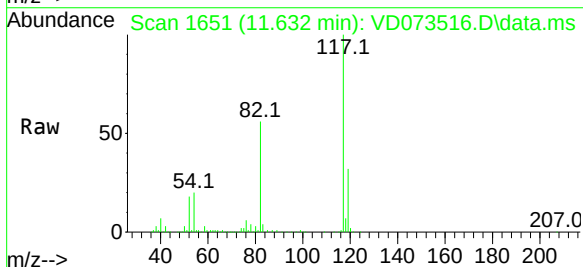
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

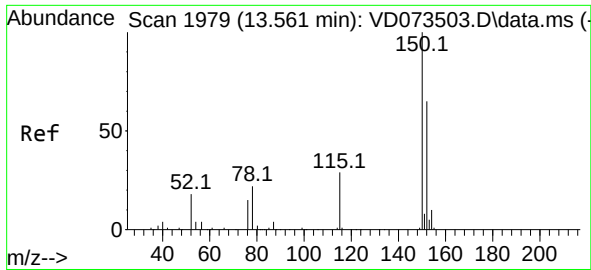
Tgt Ion: 95 Resp: 337855
Ion Ratio Lower Upper
95 100
174 78.8 0.0 152.8
176 74.9 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073516.D
Acq: 09 Jun 2022 19:16

Tgt Ion: 117 Resp: 689895
Ion Ratio Lower Upper
117 100
82 55.5 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: VD073516.D

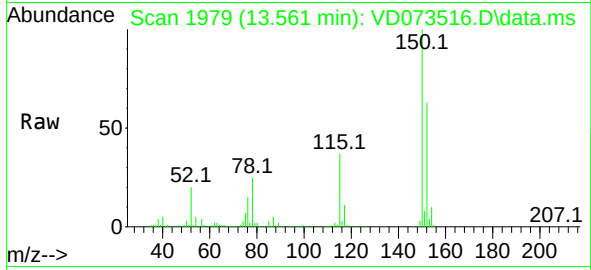
Acq: 09 Jun 2022 19:16

Instrument :

MSVOA_D

ClientSampleId :

VIBLK



Tgt Ion:152 Resp: 343196

Ion Ratio Lower Upper

152 100

115 60.4 31.3 93.8

150 156.3 0.0 348.6

