

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061522\
 Data File : VD073600.D
 Acq On : 15 Jun 2022 19:30
 Operator : VA/SY
 Sample : N3336-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-02-061322

Quant Time: Jun 16 06:04:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

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

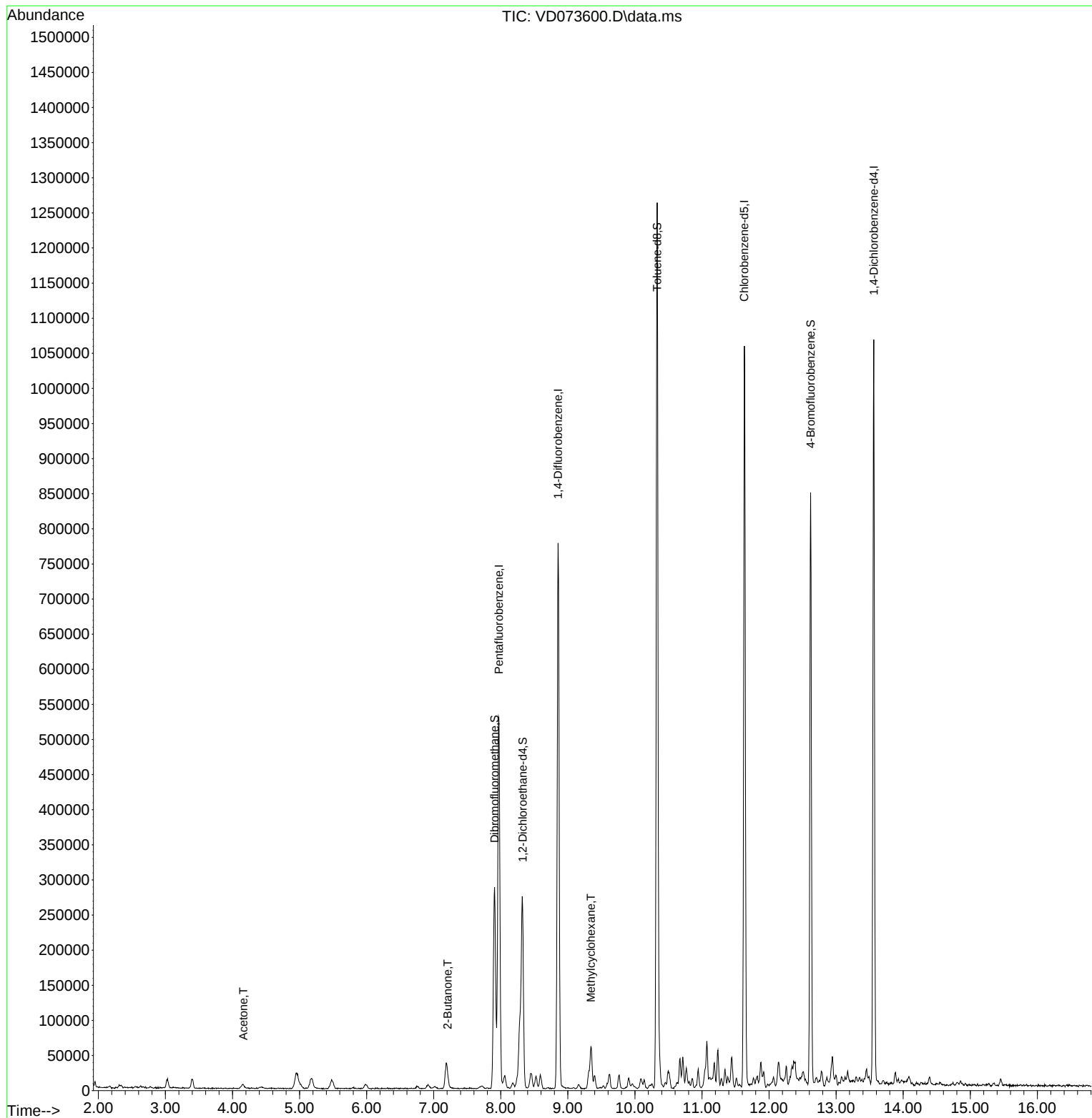
Internal Standards						
1) Pentafluorobenzene	7.973	168	394242	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	684831	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	637412	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	289426	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	206132	48.722	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.440%
35) Dibromofluoromethane	7.908	113	212145	48.174	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.340%
50) Toluene-d8	10.332	98	818064	49.133	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.260%
62) 4-Bromofluorobenzene	12.620	95	287733	47.603	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.200%
Target Compounds						
					Qvalue	
16) Acetone	4.162	43	9419	12.644	ug/l	96
25) 2-Butanone	7.208	43	7329	6.686	ug/l	96
39) Methylcyclohexane	9.344	83	21591	2.801	ug/l	95

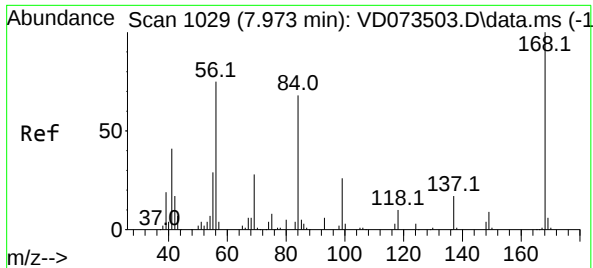
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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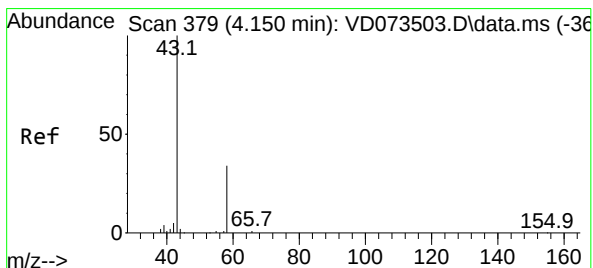
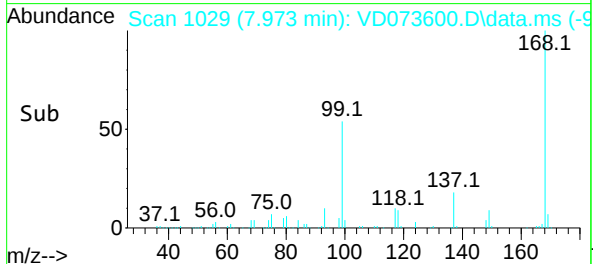
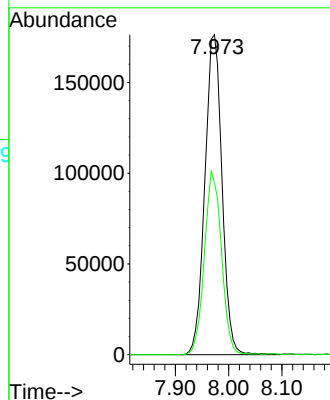
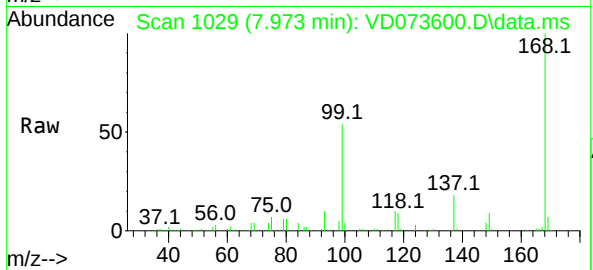




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073600.D
Acq: 15 Jun 2022 19:30

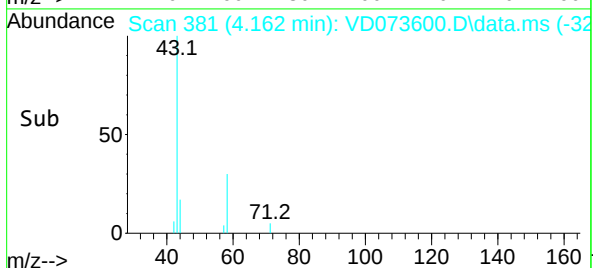
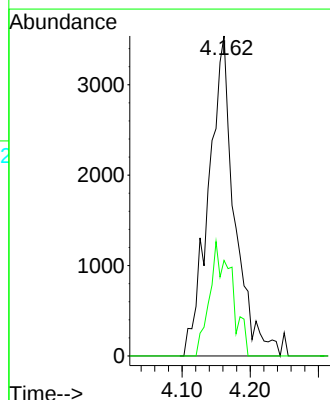
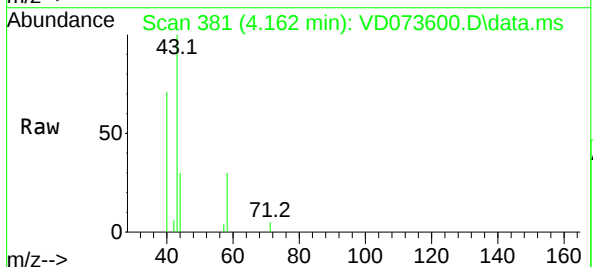
Instrument :
MSVOA_D
ClientSampleId :
HD-02-061322

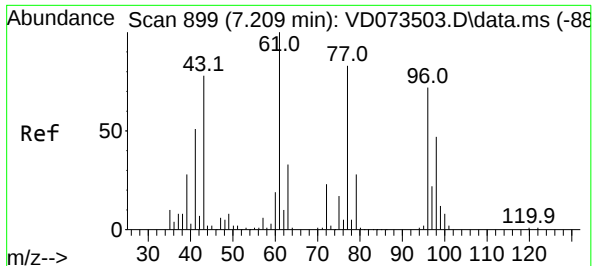
Tgt Ion:168 Resp: 394242
Ion Ratio Lower Upper
168 100
99 53.8 49.8 74.6



#16
Acetone
Concen: 12.644 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.012 min
Lab File: VD073600.D
Acq: 15 Jun 2022 19:30

Tgt Ion: 43 Resp: 9419
Ion Ratio Lower Upper
43 100
58 29.9 22.1 33.1

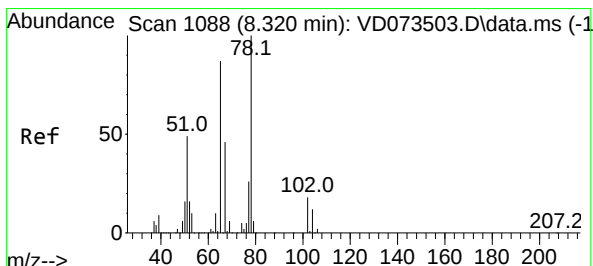
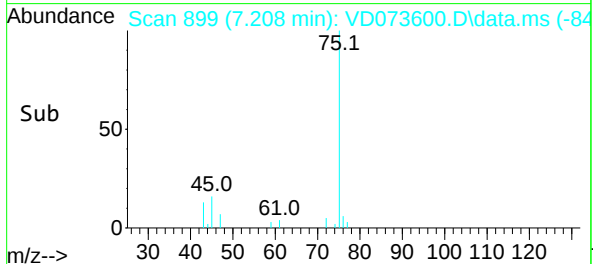
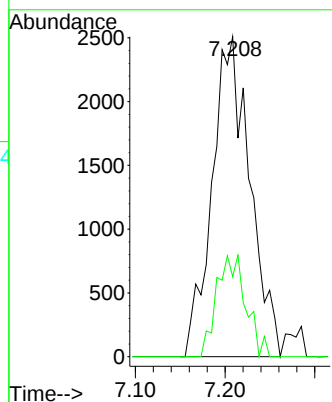
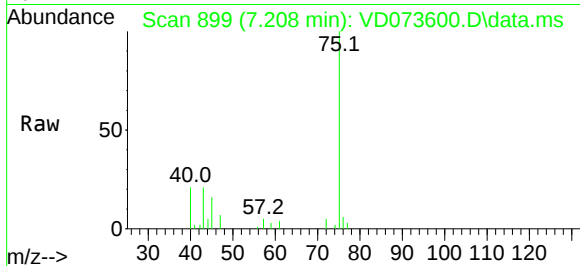




#25
2-Butanone
Concen: 6.686 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.001 min
Lab File: VD073600.D
Acq: 15 Jun 2022 19:30

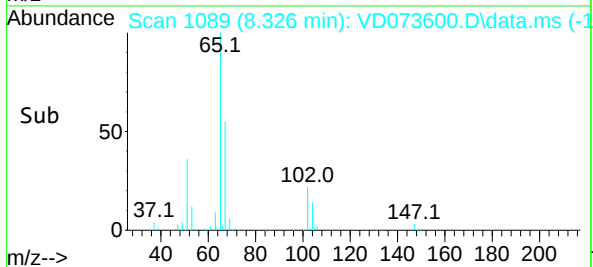
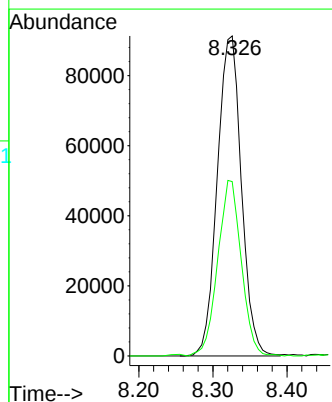
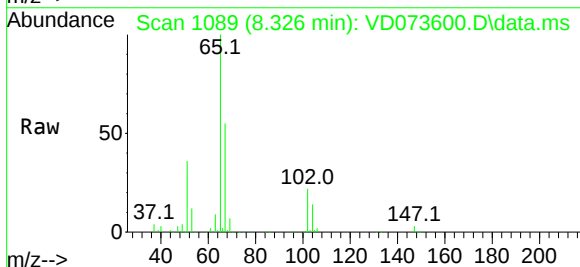
Instrument :
MSVOA_D
ClientSampleId :
HD-02-061322

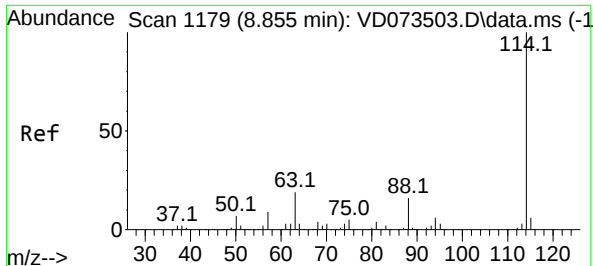
Tgt Ion: 43 Resp: 7329
Ion Ratio Lower Upper
43 100
72 25.0 18.6 27.8



#33
1,2-Dichloroethane-d4
Concen: 48.722 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD073600.D
Acq: 15 Jun 2022 19:30

Tgt Ion: 65 Resp: 206132
Ion Ratio Lower Upper
65 100
67 53.7 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: VD073600.D

Acq: 15 Jun 2022 19:30

Instrument :

MSVOA_D

ClientSampleId :

HD-02-061322

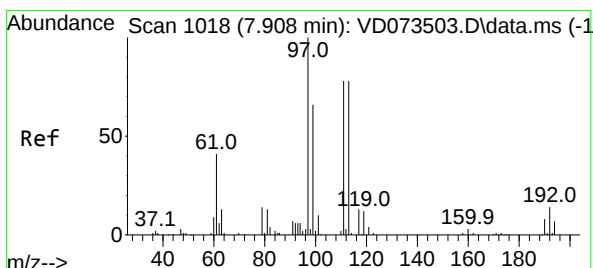
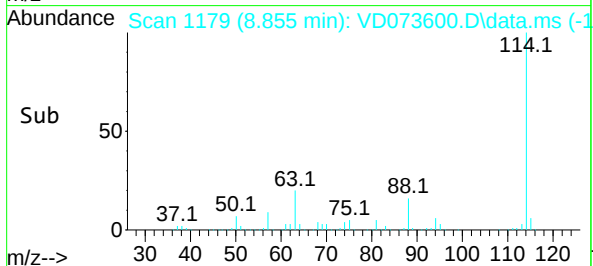
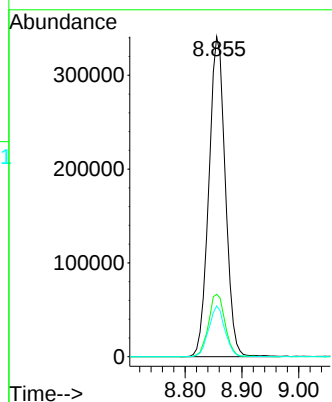
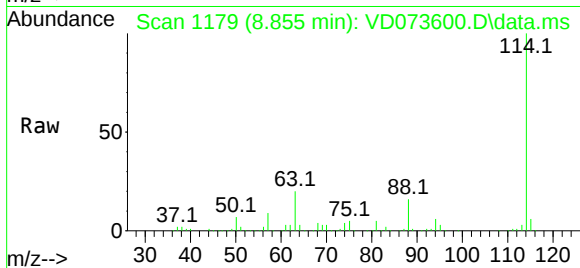
Tgt Ion:114 Resp: 684831

Ion Ratio Lower Upper

114 100

63 19.5 0.0 46.6

88 15.9 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.174 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073600.D

Acq: 15 Jun 2022 19:30

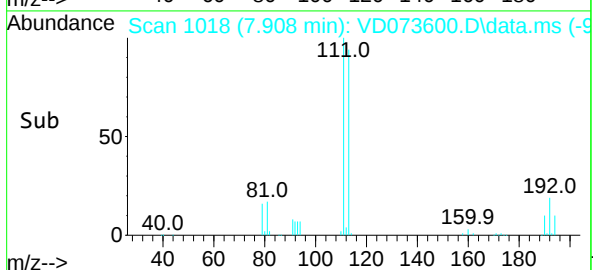
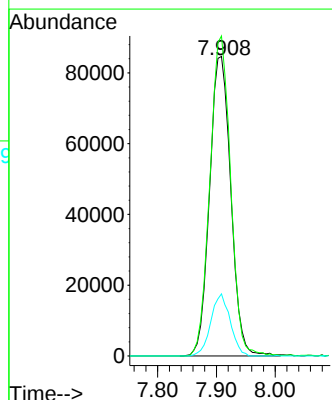
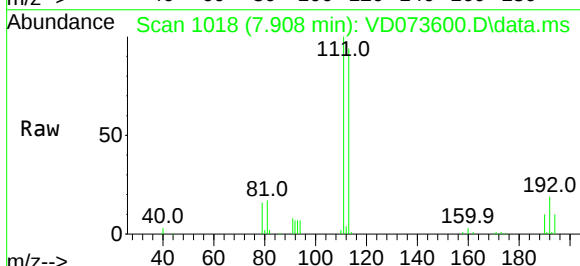
Tgt Ion:113 Resp: 212145

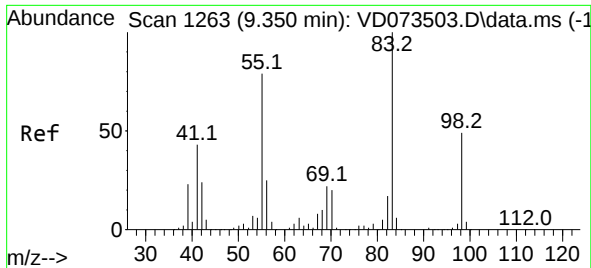
Ion Ratio Lower Upper

113 100

111 104.4 83.8 125.6

192 19.0 14.6 21.8





#39

Methylcyclohexane

Concen: 2.801 ug/l

RT: 9.344 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD073600.D

Acq: 15 Jun 2022 19:30

Instrument :

MSVOA_D

ClientSampleId :

HD-02-061322

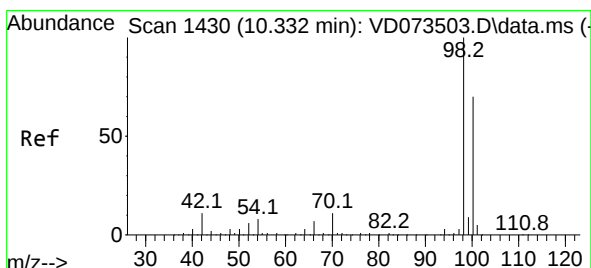
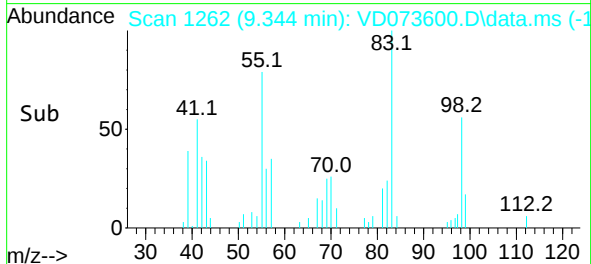
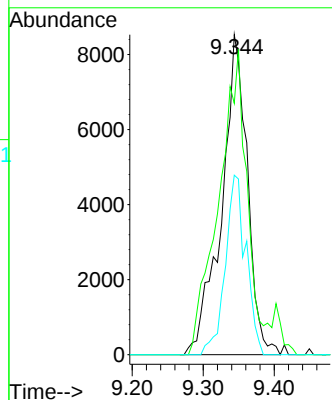
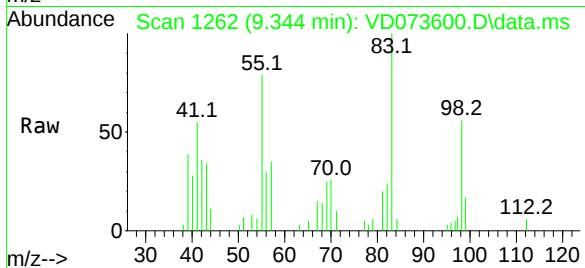
Tgt Ion: 83 Resp: 21591

Ion Ratio Lower Upper

83 100

55 78.5 63.2 94.8

98 56.1 38.2 57.4



#50

Toluene-d8

Concen: 49.133 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073600.D

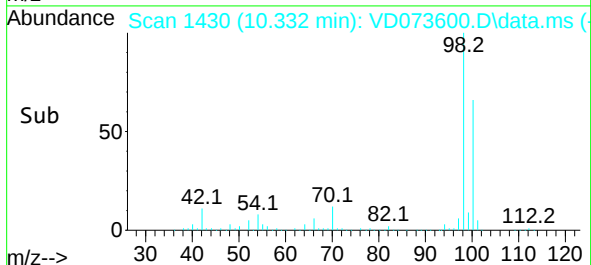
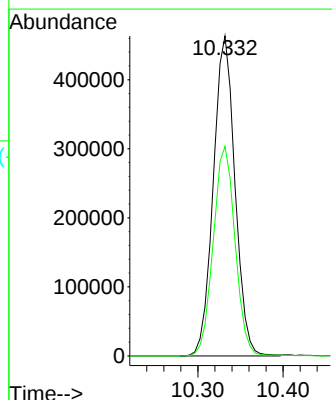
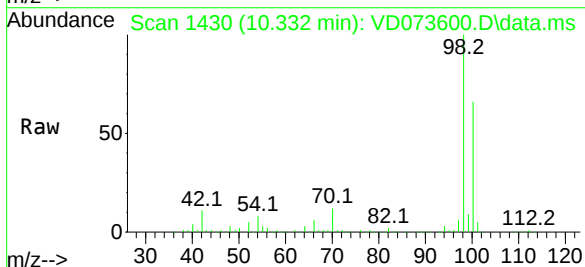
Acq: 15 Jun 2022 19:30

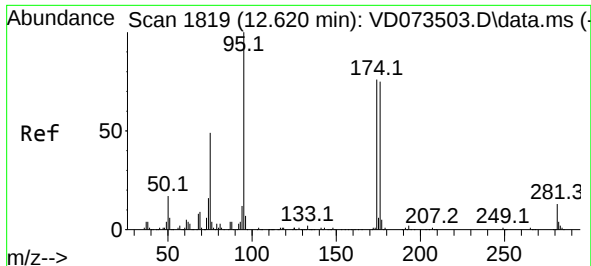
Tgt Ion: 98 Resp: 818064

Ion Ratio Lower Upper

98 100

100 66.2 52.4 78.6

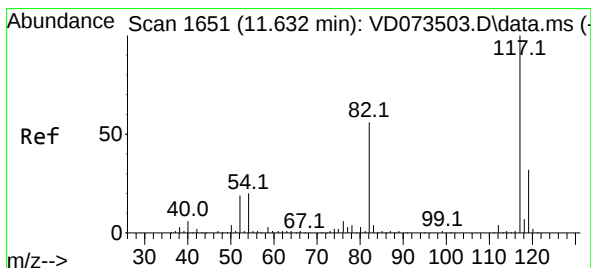
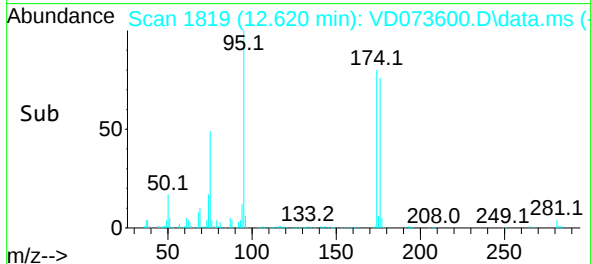
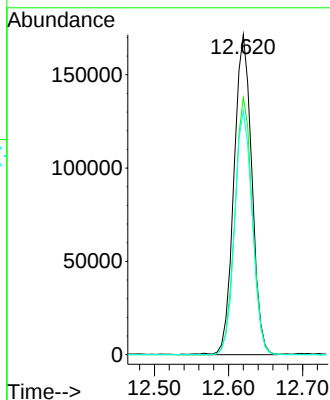
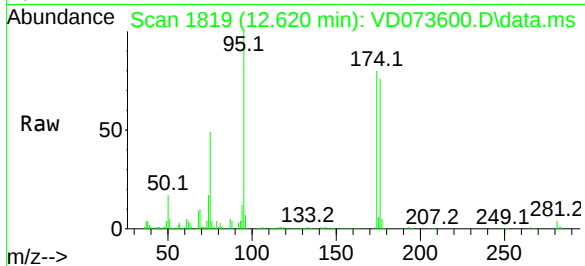




#62
4-Bromofluorobenzene
Concen: 47.603 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073600.D
Acq: 15 Jun 2022 19:30

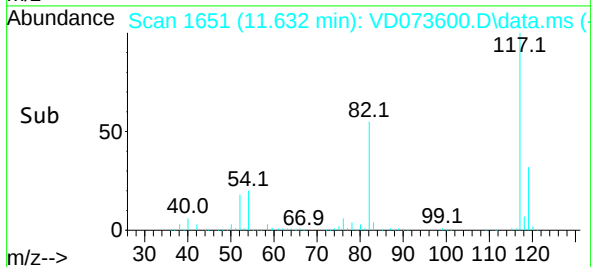
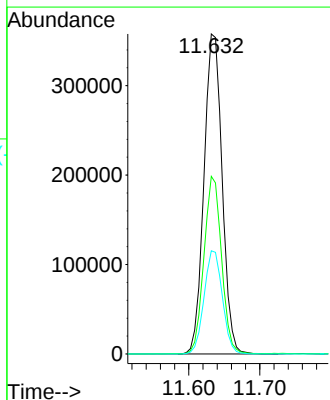
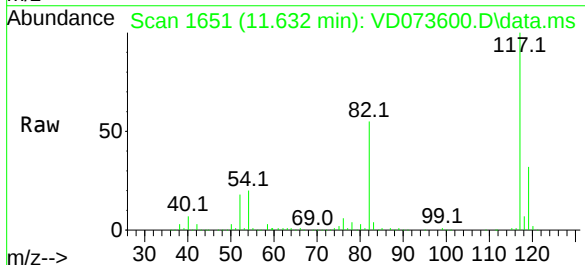
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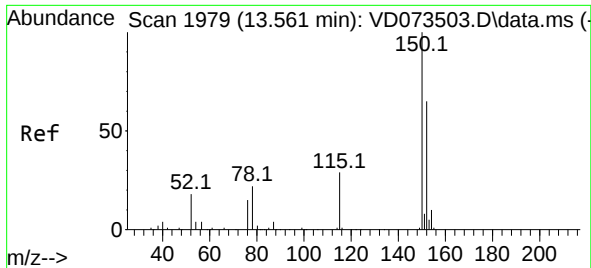
Tgt Ion: 95 Resp: 287733
Ion Ratio Lower Upper
95 100
174 78.6 0.0 152.8
176 74.7 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073600.D
Acq: 15 Jun 2022 19:30

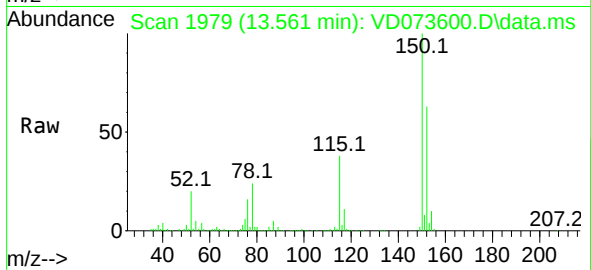
Tgt Ion: 117 Resp: 637412
Ion Ratio Lower Upper
117 100
82 55.4 45.3 67.9
119 32.3 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073600.D
 Acq: 15 Jun 2022 19:30

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-02-061322



Tgt Ion:152 Resp: 289426
 Ion Ratio Lower Upper
 152 100
 115 60.0 31.3 93.8
 150 155.8 0.0 348.6

