

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062422\
 Data File : VD073691.D
 Acq On : 24 Jun 2022 16:56
 Operator : VA/SY
 Sample : N3472-04
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20071

Quant Time: Jun 25 07:22:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 24 07:36:47 2022
 Response via : Initial Calibration

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

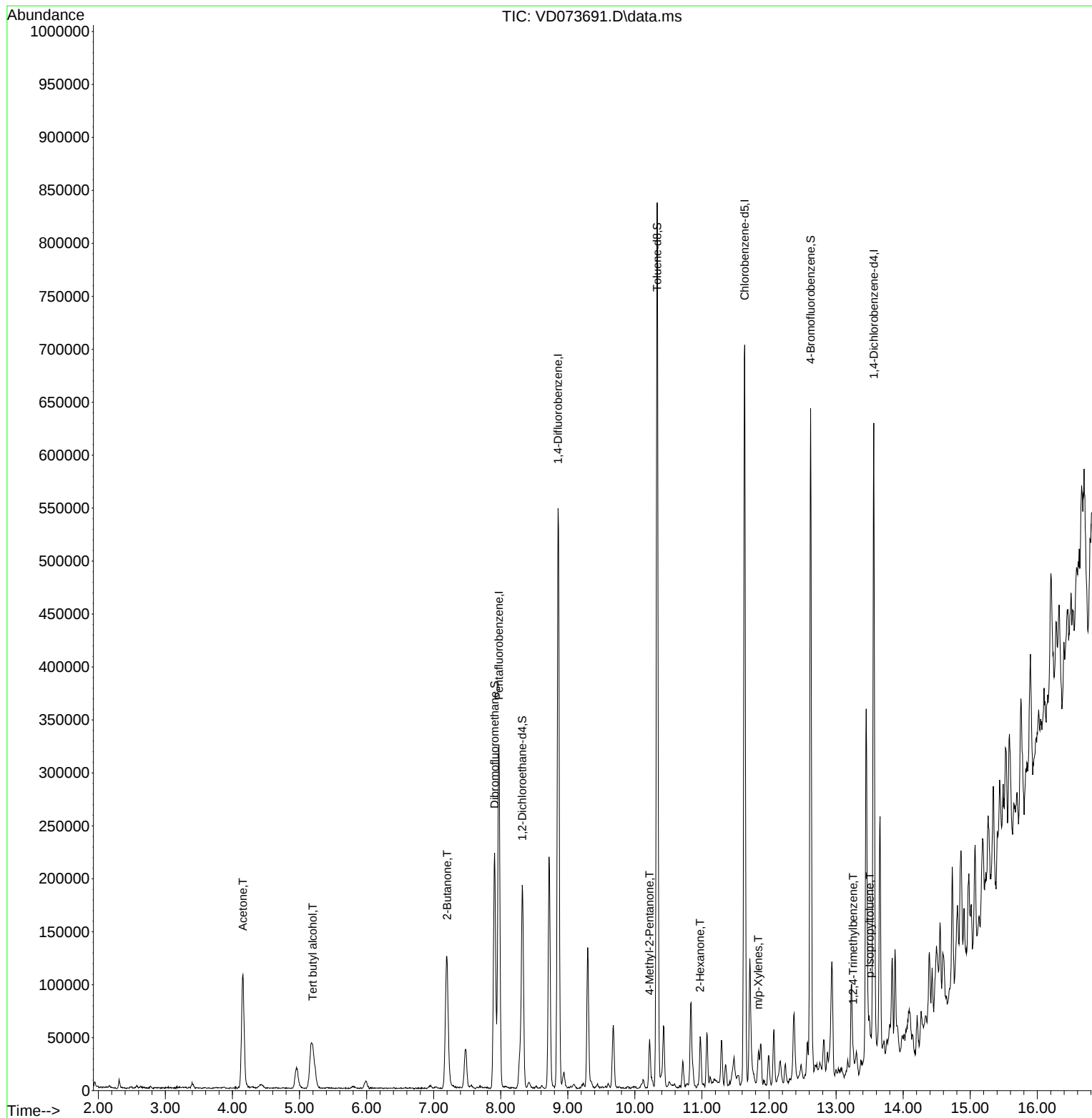
Internal Standards						
1) Pentafluorobenzene	7.973	168	242995	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	495742	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	416535	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	159272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	152152	50.980	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.960%
35) Dibromofluoromethane	7.909	113	157340	40.742	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.480%
50) Toluene-d8	10.332	98	552508	39.846	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	79.700%
62) 4-Bromofluorobenzene	12.620	95	181664	34.931	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	69.860%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.197	59	67890	174.301	ug/l	# 100
16) Acetone	4.156	43	185301	390.087	ug/l	97
25) 2-Butanone	7.203	43	58105	77.255	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	30829	14.369	ug/l	99
59) 2-Hexanone	10.973	43	25175	17.381	ug/l	86
68) m/p-Xylenes	11.838	106	7232	1.052	ug/l	94
84) 1,2,4-Trimethylbenzene	13.255	105	12620	1.152	ug/l	97
86) p-Isopropyltoluene	13.502	119	15287	1.274	ug/l	94

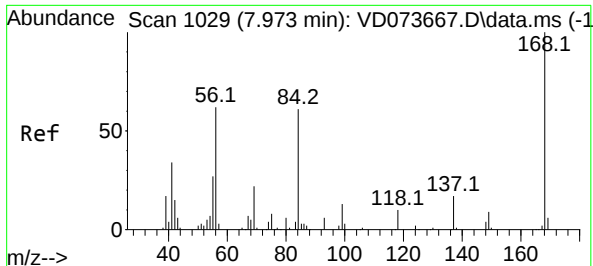
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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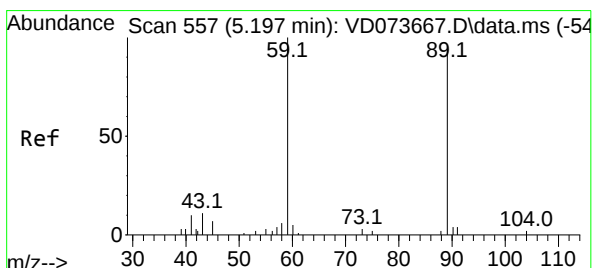
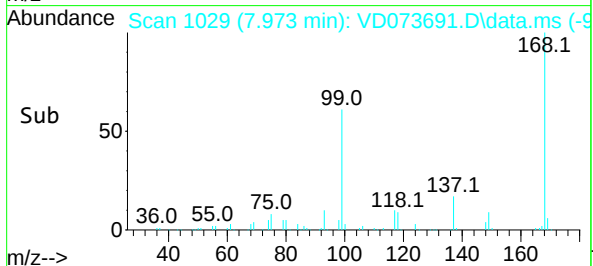
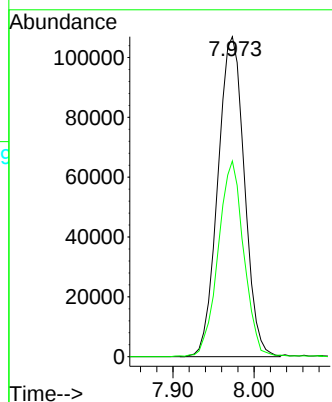
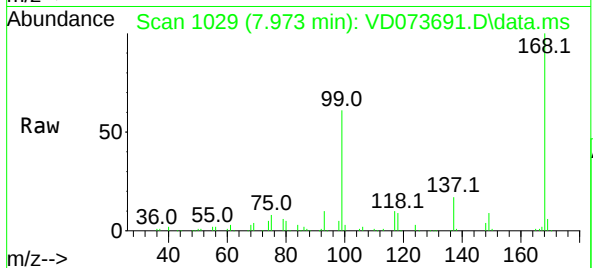




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073691.D
Acq: 24 Jun 2022 16:56

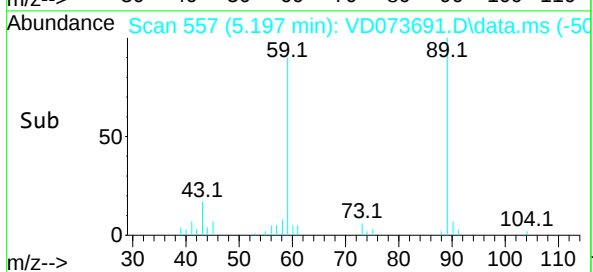
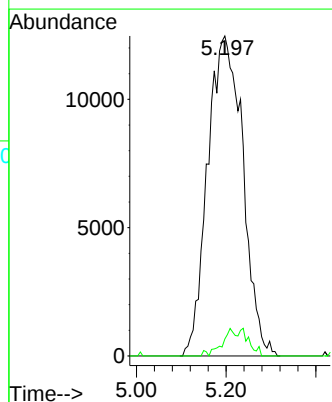
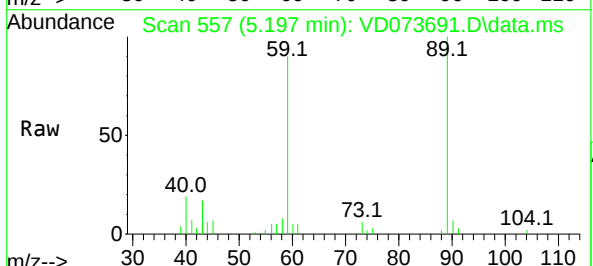
Instrument :
MSVOA_D
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20071

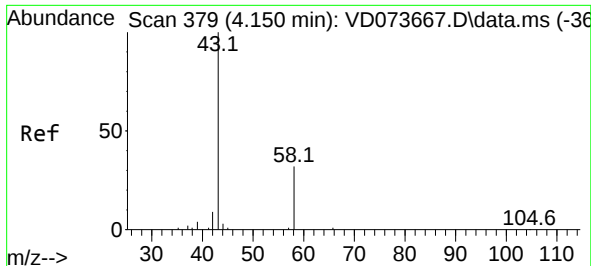
Tgt Ion:168 Resp: 242995
Ion Ratio Lower Upper
168 100
99 60.9 46.4 69.6



#11
Tert butyl alcohol
Concen: 174.301 ug/l
RT: 5.197 min Scan# 557
Delta R.T. -0.000 min
Lab File: VD073691.D
Acq: 24 Jun 2022 16:56

Tgt Ion: 59 Resp: 67890
Ion Ratio Lower Upper
59 100
57 3.5 0.0 0.0#

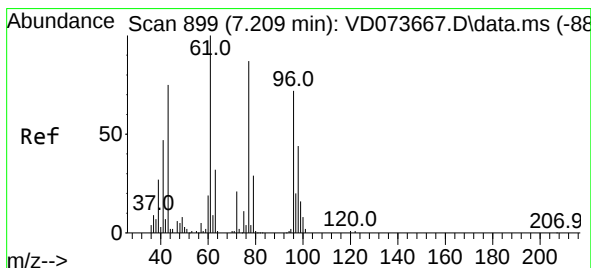
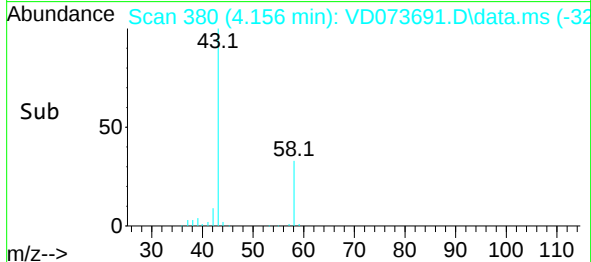
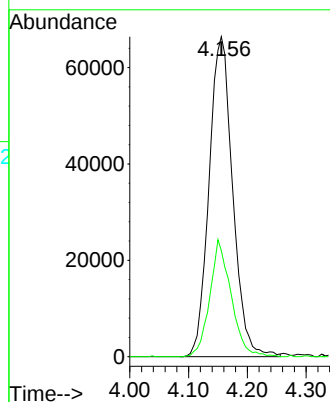
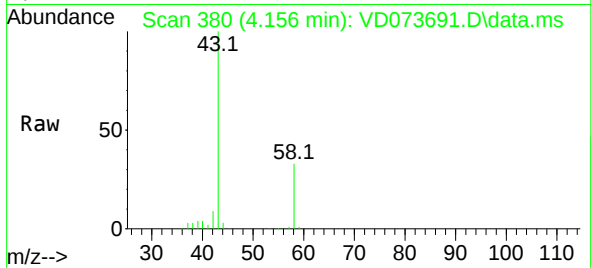




#16
Acetone
Concen: 390.087 ug/l
RT: 4.156 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD073691.D
Acq: 24 Jun 2022 16:56

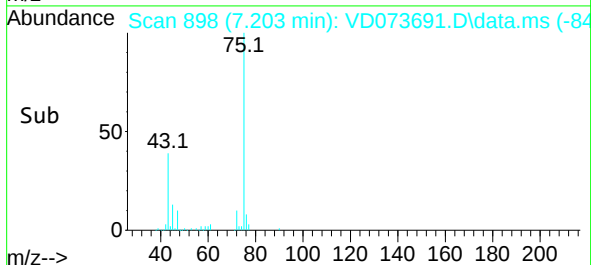
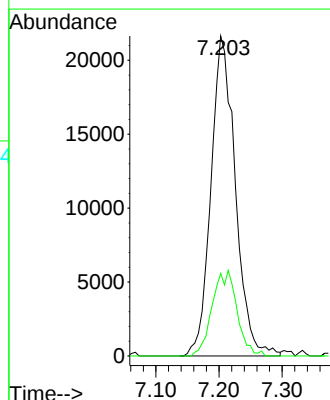
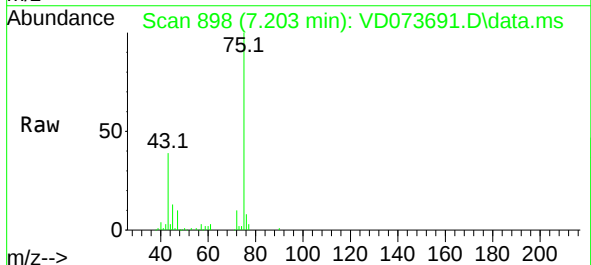
Instrument :
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ClientSampleId :
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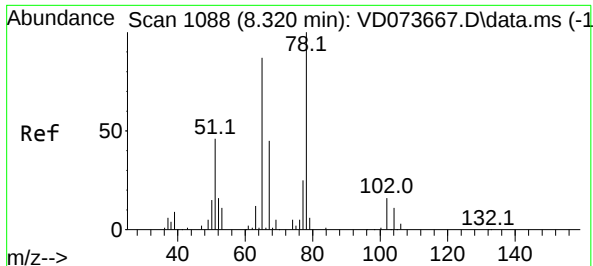
Tgt Ion: 43 Resp: 185301
Ion Ratio Lower Upper
43 100
58 33.1 25.2 37.8



#25
2-Butanone
Concen: 77.255 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD073691.D
Acq: 24 Jun 2022 16:56

Tgt Ion: 43 Resp: 58105
Ion Ratio Lower Upper
43 100
72 25.8 22.6 33.8





#33

1,2-Dichloroethane-d4

Concen: 50.980 ug/l

RT: 8.320 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD073691.D

Acq: 24 Jun 2022 16:56

Instrument :

MSVOA_D

ClientSampleId :

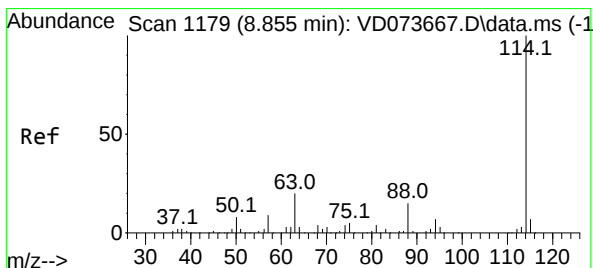
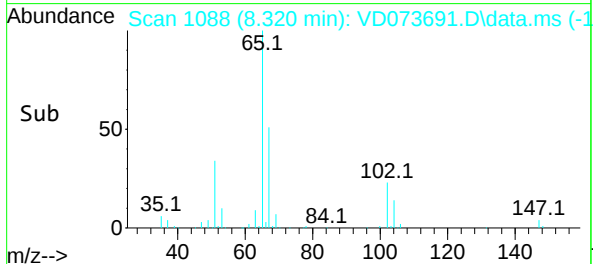
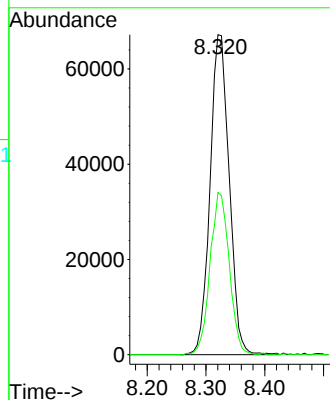
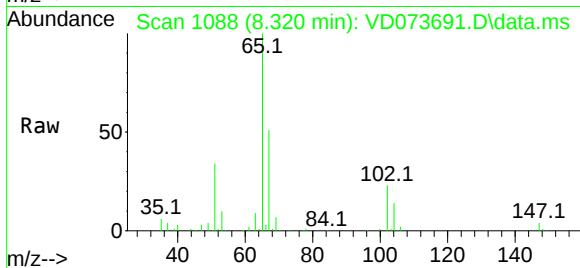
20071

Tgt Ion: 65 Resp: 152152

Ion Ratio Lower Upper

65 100

67 50.7 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073691.D

Acq: 24 Jun 2022 16:56

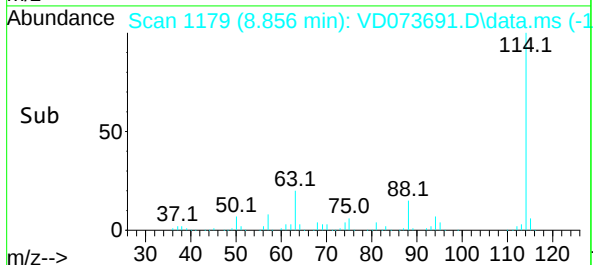
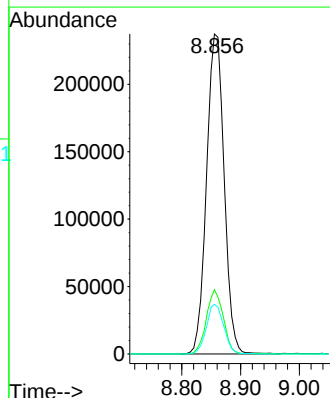
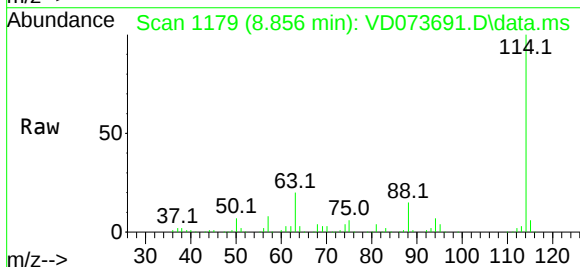
Tgt Ion: 114 Resp: 495742

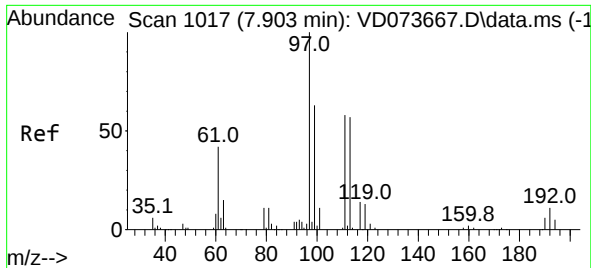
Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.2

88 15.5 0.0 29.4

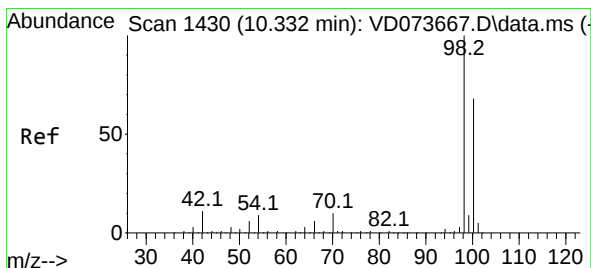
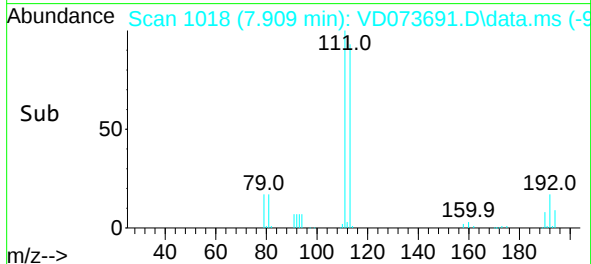
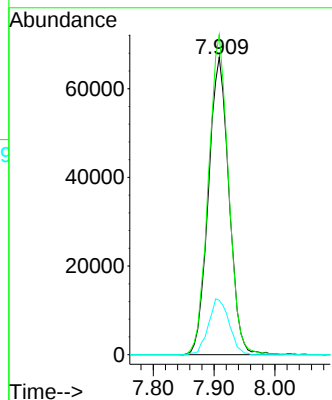
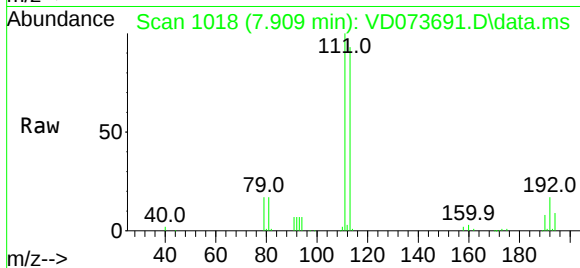




#35
Dibromofluoromethane
Concen: 40.742 ug/l
RT: 7.909 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VD073691.D
Acq: 24 Jun 2022 16:56

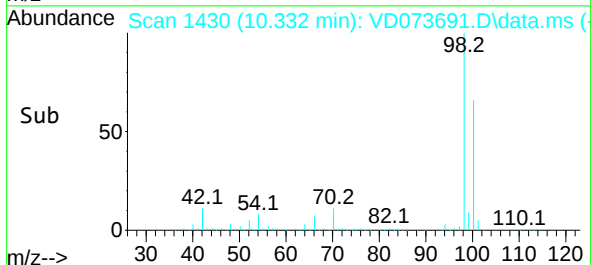
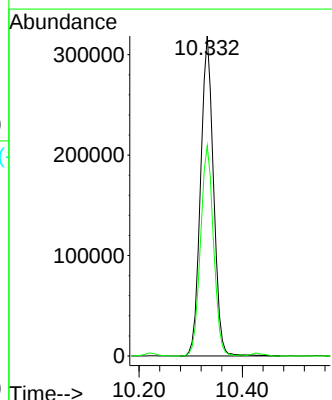
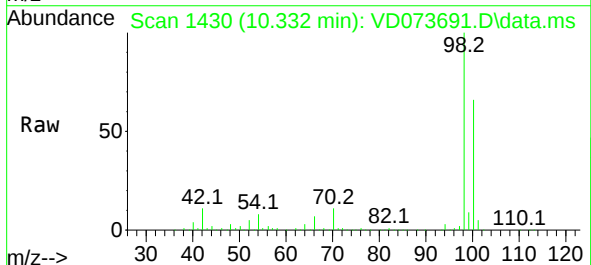
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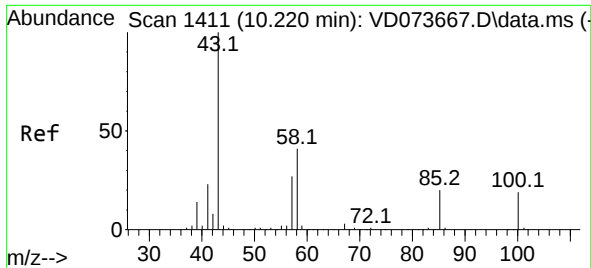
Tgt Ion:113 Resp: 157340
Ion Ratio Lower Upper
113 100
111 105.5 81.8 122.6
192 18.8 14.8 22.2



#50
Toluene-d8
Concen: 39.846 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073691.D
Acq: 24 Jun 2022 16:56

Tgt Ion: 98 Resp: 552508
Ion Ratio Lower Upper
98 100
100 66.2 54.0 81.0

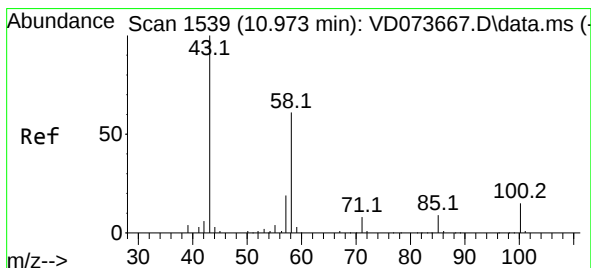
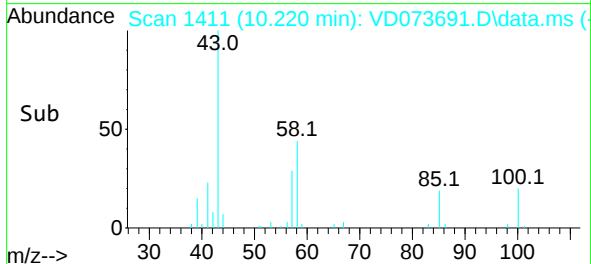
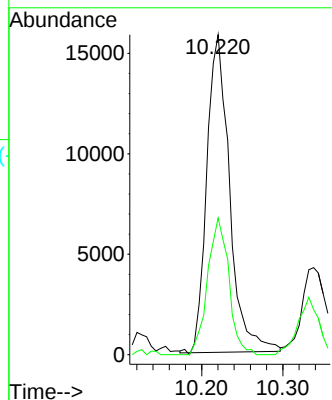
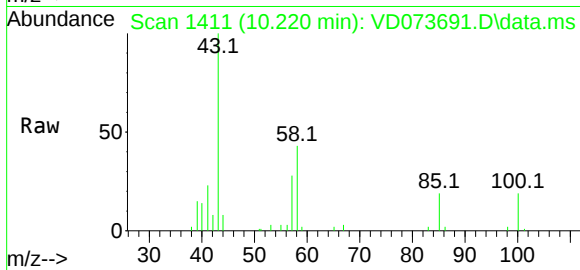




#51
4-Methyl-2-Pentanone
Concen: 14.369 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073691.D
Acq: 24 Jun 2022 16:56

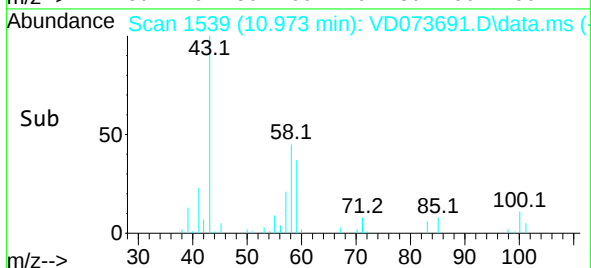
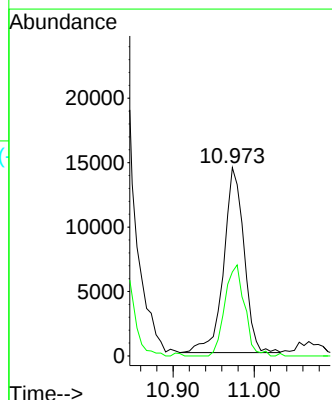
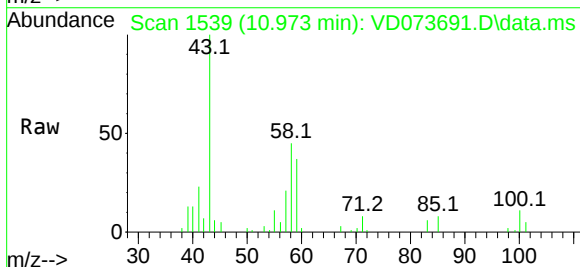
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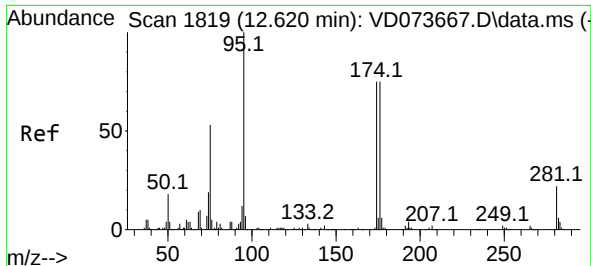
Tgt Ion: 43 Resp: 30829
Ion Ratio Lower Upper
43 100
58 39.9 32.3 48.5



#59
2-Hexanone
Concen: 17.381 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073691.D
Acq: 24 Jun 2022 16:56

Tgt Ion: 43 Resp: 25175
Ion Ratio Lower Upper
43 100
58 47.4 28.8 86.4

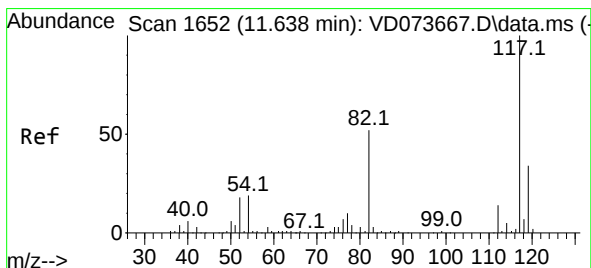
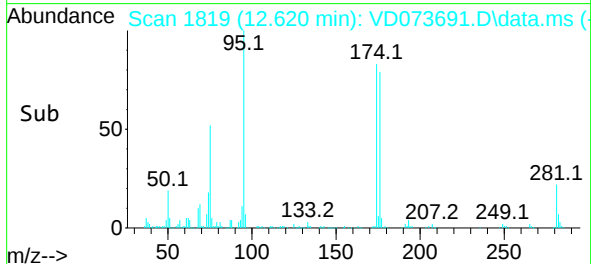
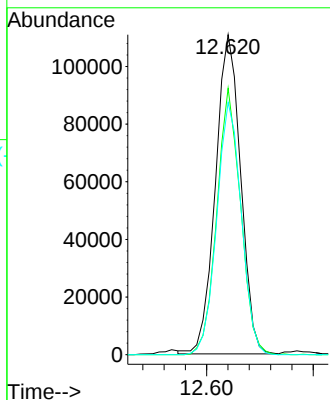
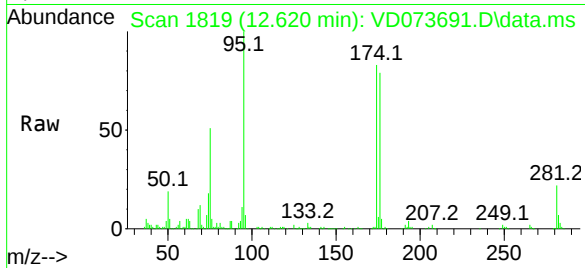




#62
4-Bromofluorobenzene
Concen: 34.931 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073691.D
Acq: 24 Jun 2022 16:56

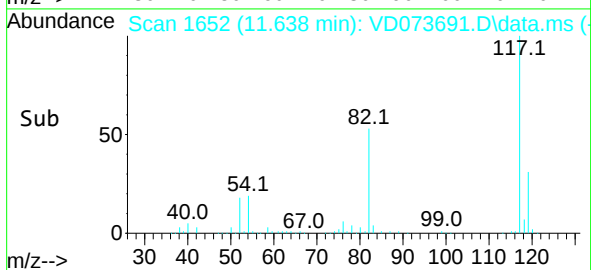
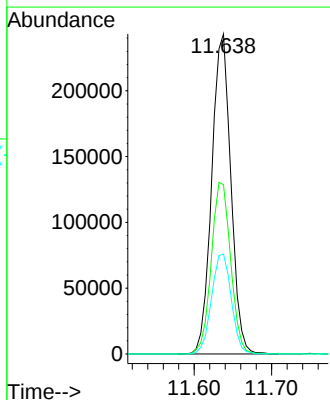
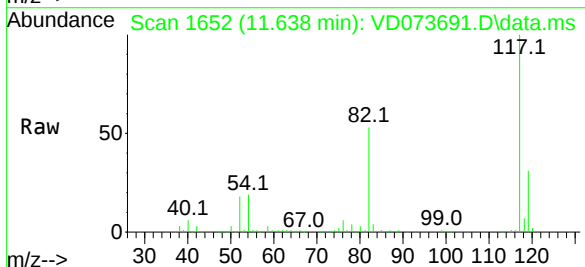
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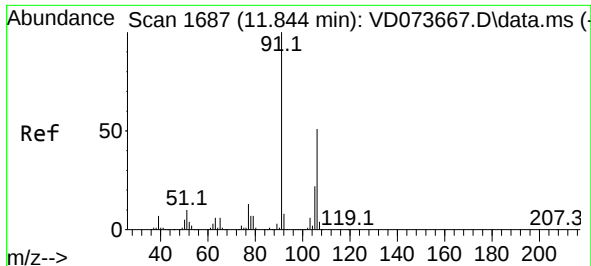
Tgt Ion: 95 Resp: 181664
Ion Ratio Lower Upper
95 100
174 78.8 0.0 158.4
176 77.0 0.0 154.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD073691.D
Acq: 24 Jun 2022 16:56

Tgt Ion: 117 Resp: 416535
Ion Ratio Lower Upper
117 100
82 52.9 41.5 62.3
119 31.2 27.1 40.7

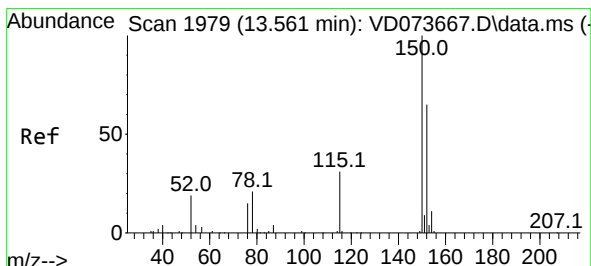
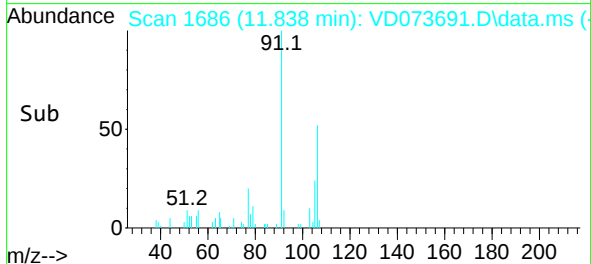
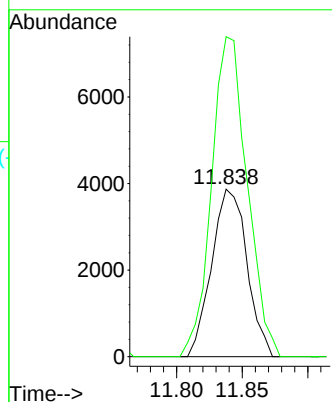
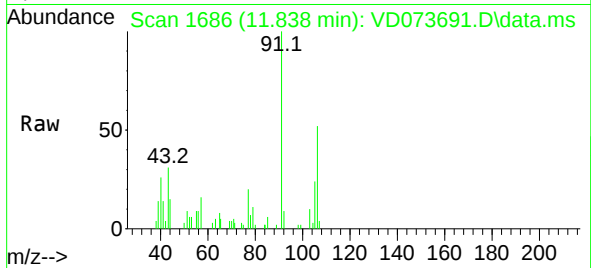




#68
m/p-Xylenes
Concen: 1.052 ug/l
RT: 11.838 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VD073691.D
Acq: 24 Jun 2022 16:56

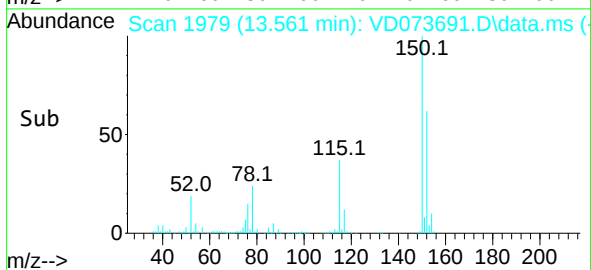
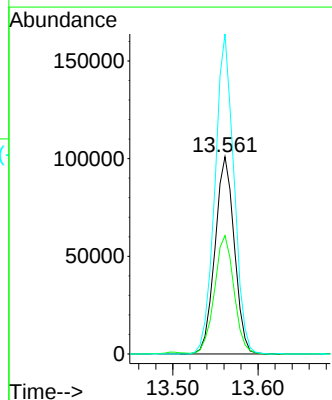
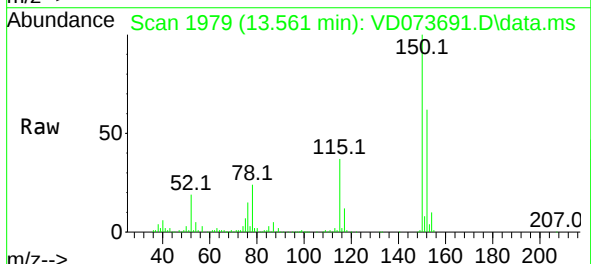
Instrument :
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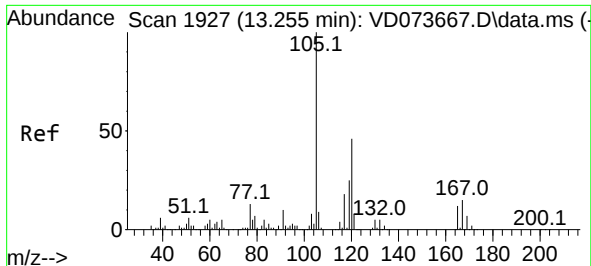
Tgt Ion:106 Resp: 7232
Ion Ratio Lower Upper
106 100
91 193.0 161.4 242.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073691.D
Acq: 24 Jun 2022 16:56

Tgt Ion:152 Resp: 159272
Ion Ratio Lower Upper
152 100
115 60.8 30.6 91.6
150 159.6 0.0 355.0

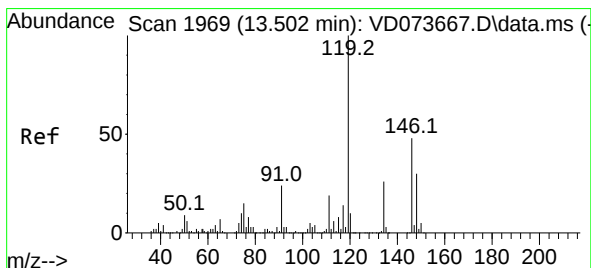
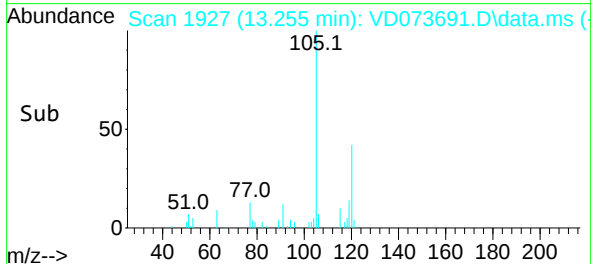
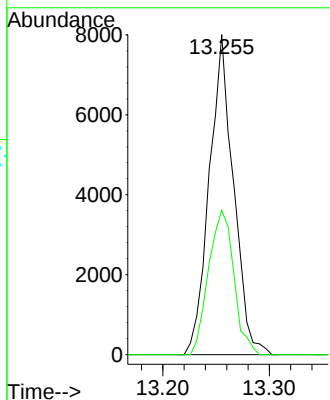
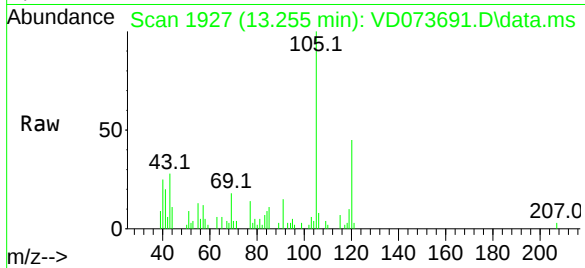




#84
1,2,4-Trimethylbenzene
Concen: 1.152 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073691.D
Acq: 24 Jun 2022 16:56

Instrument :
MSVOA_D
ClientSampleId :
20071

Tgt Ion:105 Resp: 12620
Ion Ratio Lower Upper
105 100
120 47.1 22.6 67.8



#86
p-Isopropyltoluene
Concen: 1.274 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073691.D
Acq: 24 Jun 2022 16:56

Tgt Ion:119 Resp: 15287
Ion Ratio Lower Upper
119 100
134 27.8 13.0 39.0
91 28.4 12.1 36.3

