

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062522\
 Data File : VD073712.D
 Acq On : 25 Jun 2022 16:30
 Operator : VA/SY
 Sample : N3454-12
 Misc : 5.20G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14A-3-2-GR

Quant Time: Jun 27 09:38:49 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)

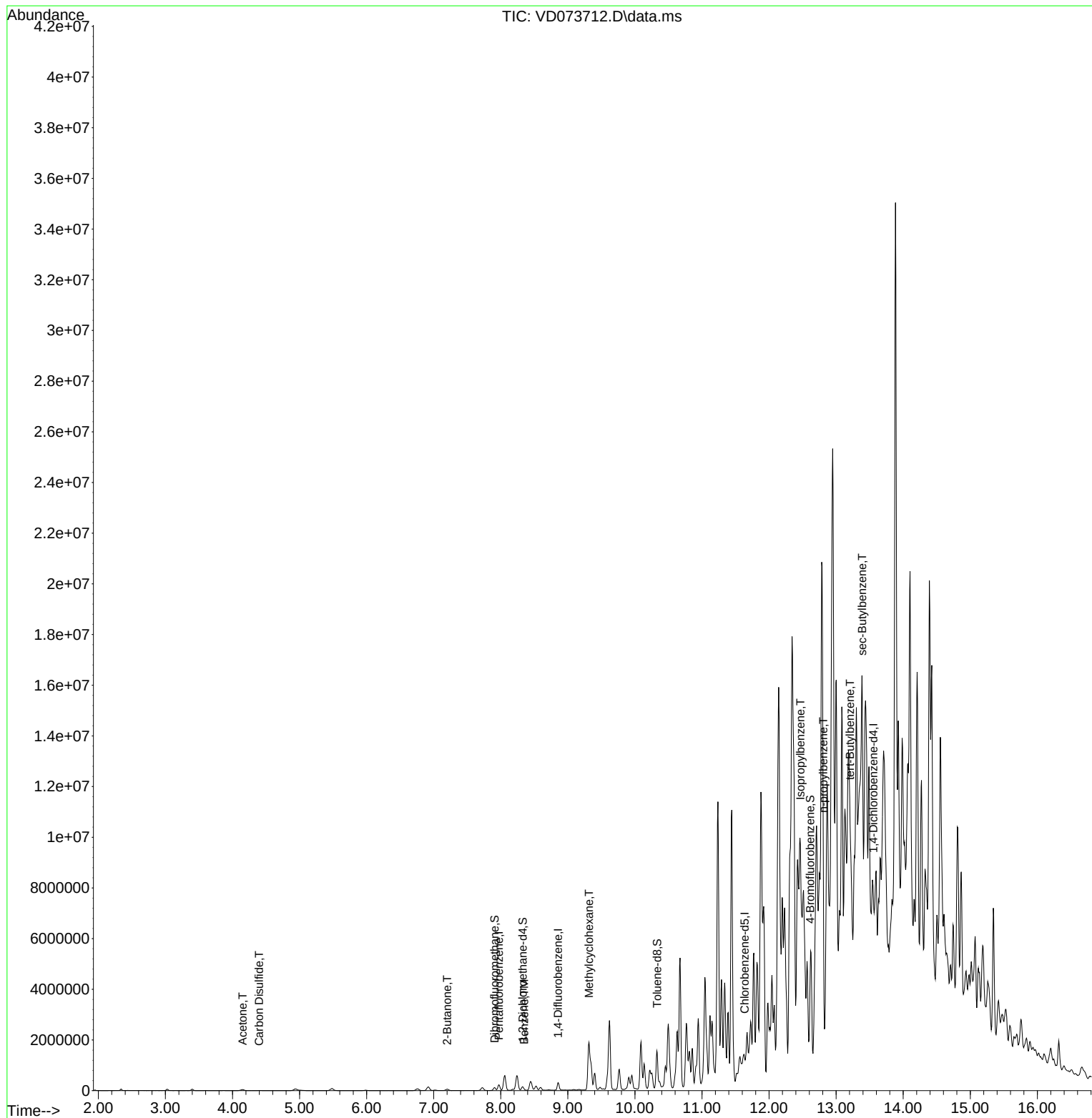
Internal Standards						
1) Pentafluorobenzene	7.973	168	137656	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	260992	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	251183	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	328721	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	96830	57.271	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.540%	
35) Dibromofluoromethane	7.908	113	86947	42.765	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 85.540%	
50) Toluene-d8	10.332	98	351586	48.162	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.320%	
62) 4-Bromofluorobenzene	12.614	95	638294	233.127	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 466.260%#	
Target Compounds						
					Qvalue	
16) Acetone	4.150	43	64355	236.151	ug/l	99
17) Carbon Disulfide	4.397	76	10533	2.951	ug/l	96
25) 2-Butanone	7.202	43	42931	100.759	ug/l #	82
39) Methylcyclohexane	9.314	83	512858	161.844	ug/l #	35
40) Benzene	8.350	78	32167	3.893	ug/l	94
73) Isopropylbenzene	12.467	105	1452356	54.107	ug/l	100
78) n-propylbenzene	12.808	91	1820968	55.503	ug/l	96
83) tert-Butylbenzene	13.208	119	516222	25.521	ug/l	84
85) sec-Butylbenzene	13.390	105	3059986	102.854	ug/l #	63

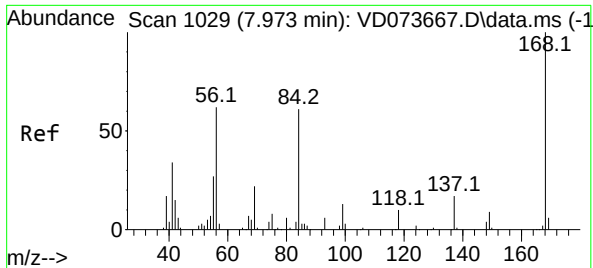
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
ClientSampleId :
WC-14A-3-2-GR

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Response via : Initial Calibration

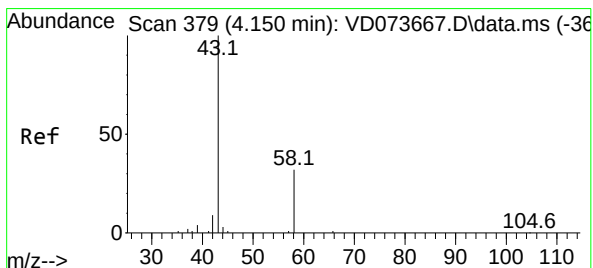
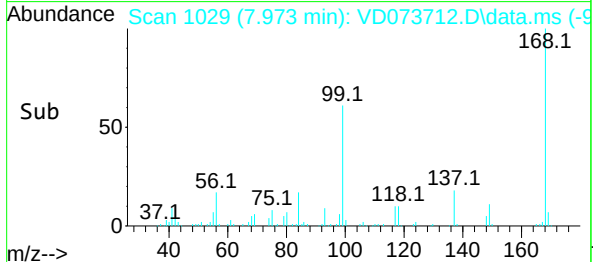
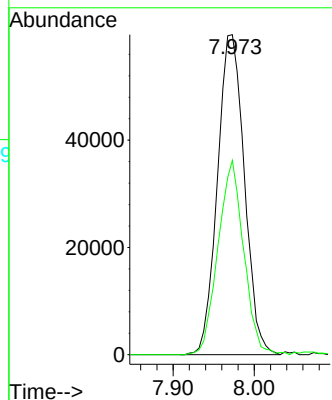
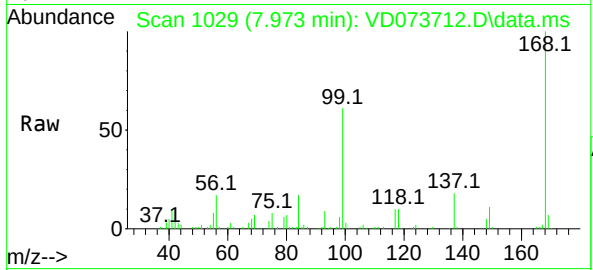




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073712.D
Acq: 25 Jun 2022 16:30

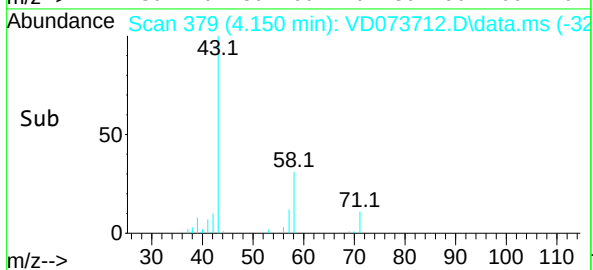
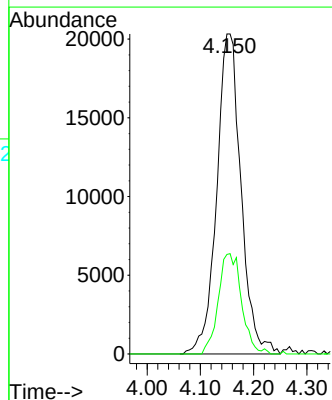
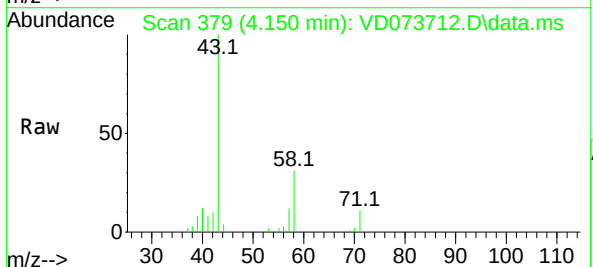
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-3-2-GR

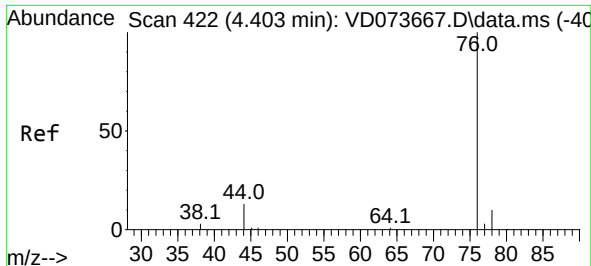
Tgt Ion:168 Resp: 137656
Ion Ratio Lower Upper
168 100
99 60.7 46.4 69.6



#16
Acetone
Concen: 236.151 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.000 min
Lab File: VD073712.D
Acq: 25 Jun 2022 16:30

Tgt Ion: 43 Resp: 64355
Ion Ratio Lower Upper
43 100
58 31.1 25.2 37.8

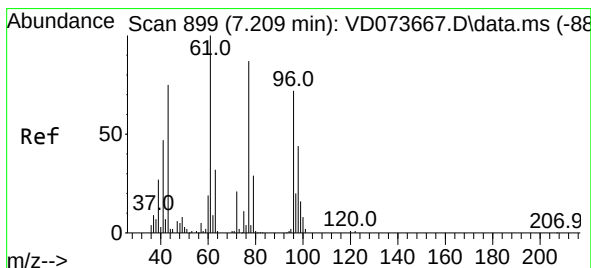
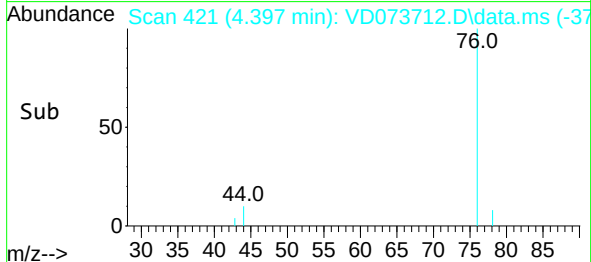
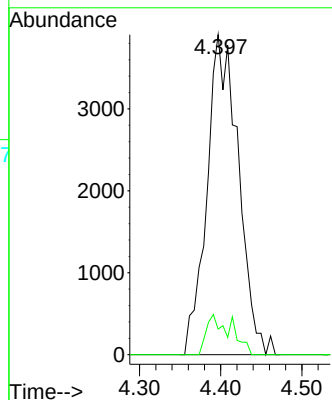
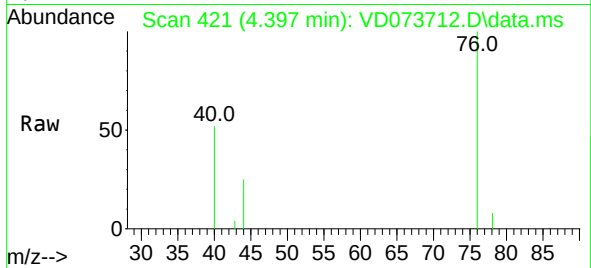




#17
Carbon Disulfide
Concen: 2.951 ug/l
RT: 4.397 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073712.D
Acq: 25 Jun 2022 16:30

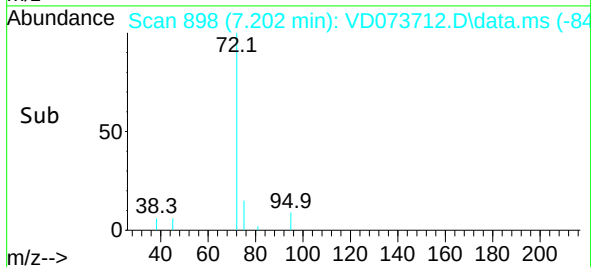
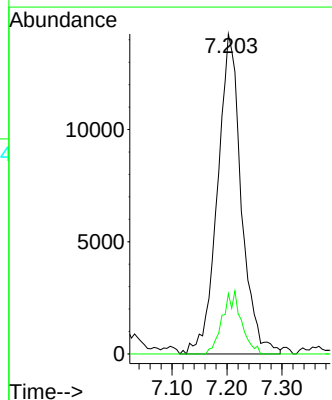
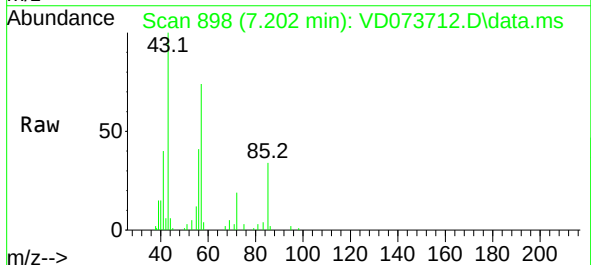
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-3-2-GR

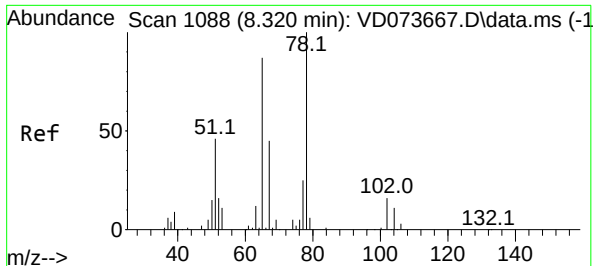
Tgt Ion: 76 Resp: 10533
Ion Ratio Lower Upper
76 100
78 8.0 7.7 11.5



#25
2-Butanone
Concen: 100.759 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD073712.D
Acq: 25 Jun 2022 16:30

Tgt Ion: 43 Resp: 42931
Ion Ratio Lower Upper
43 100
72 18.9 22.6 33.8#





#33

1,2-Dichloroethane-d4

Concen: 57.271 ug/l

RT: 8.326 min Scan# 1088

Delta R.T. 0.006 min

Lab File: VD073712.D

Acq: 25 Jun 2022 16:30

Instrument :

MSVOA_D

ClientSampleId :

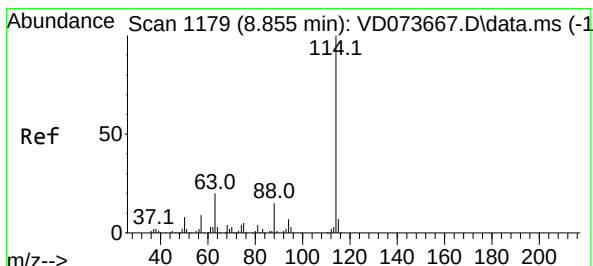
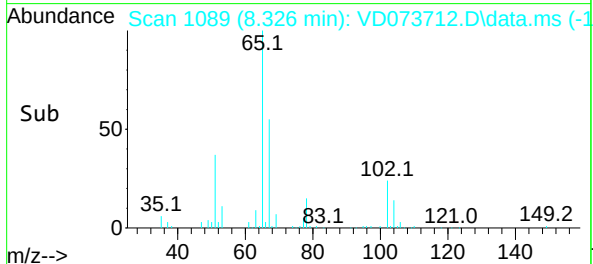
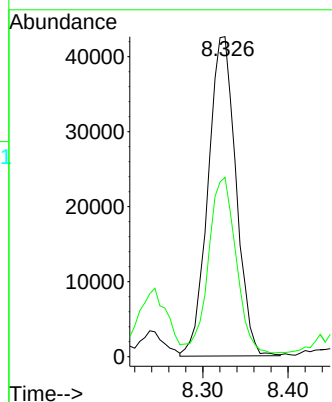
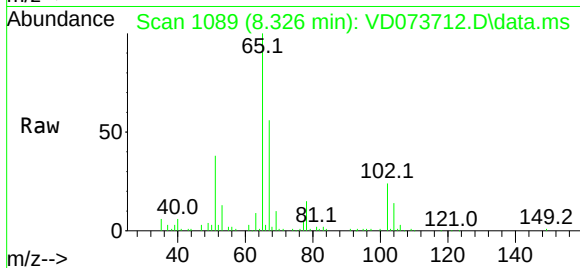
WC-14A-3-2-GR

Tgt Ion: 65 Resp: 96830

Ion Ratio Lower Upper

65 100

67 53.6 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073712.D

Acq: 25 Jun 2022 16:30

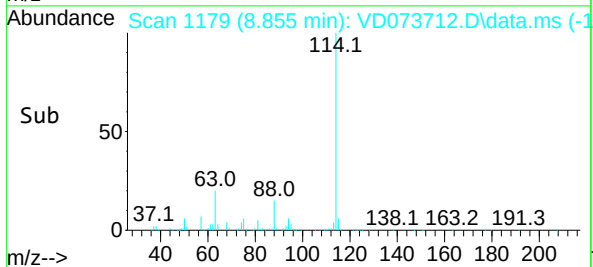
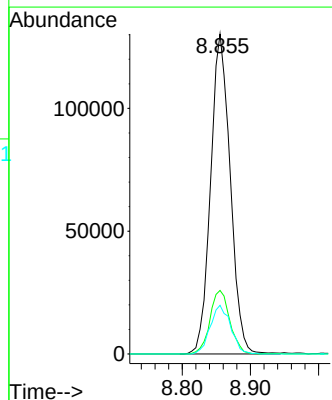
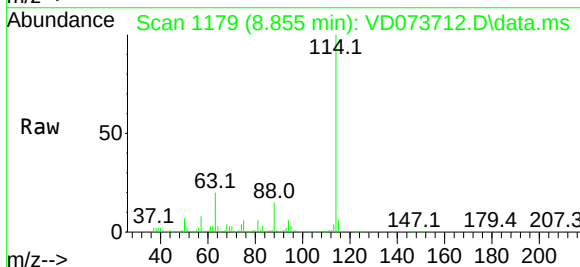
Tgt Ion: 114 Resp: 260992

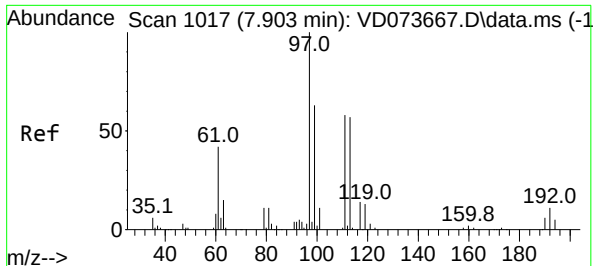
Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.2

88 15.2 0.0 29.4





#35

Dibromofluoromethane

Concen: 42.765 ug/l

RT: 7.908 min Scan# 1017

Delta R.T. 0.006 min

Lab File: VD073712.D

Acq: 25 Jun 2022 16:30

Instrument :

MSVOA_D

ClientSampleId :

WC-14A-3-2-GR

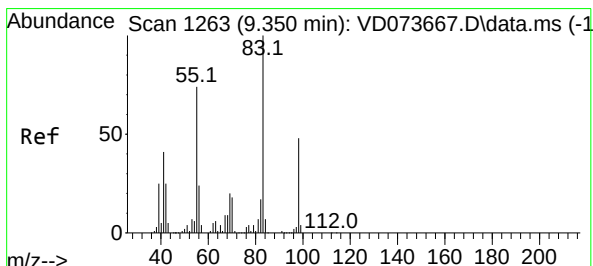
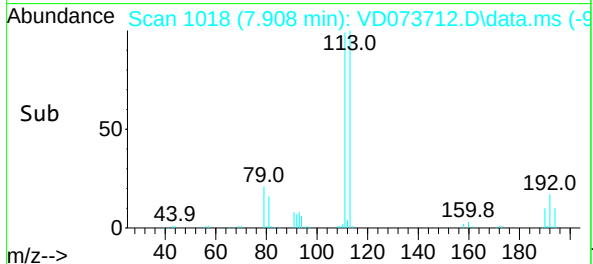
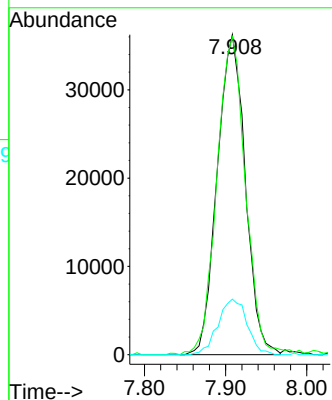
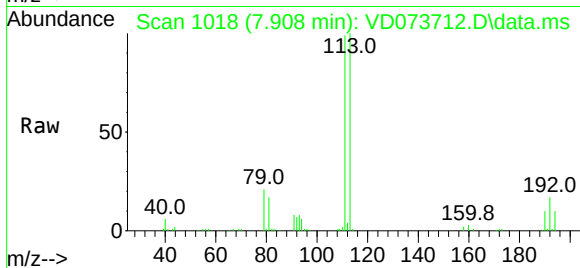
Tgt Ion:113 Resp: 86947

Ion Ratio Lower Upper

113 100

111 101.9 81.8 122.6

192 18.1 14.8 22.2



#39

Methylcyclohexane

Concen: 161.844 ug/l

RT: 9.314 min Scan# 1257

Delta R.T. -0.035 min

Lab File: VD073712.D

Acq: 25 Jun 2022 16:30

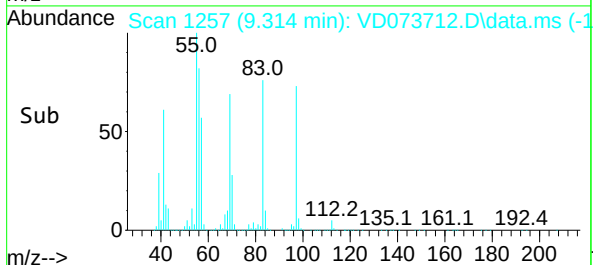
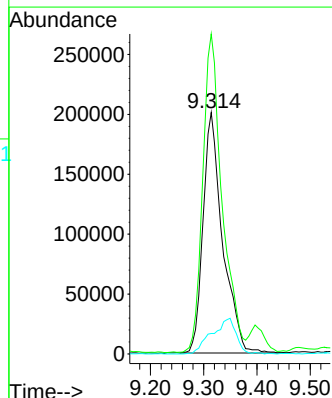
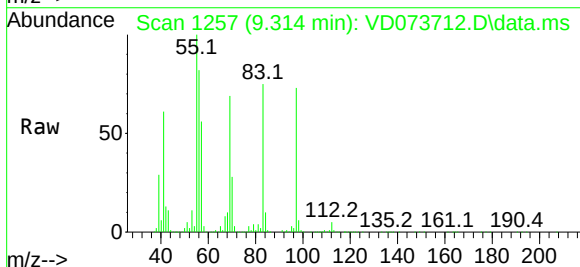
Tgt Ion: 83 Resp: 512858

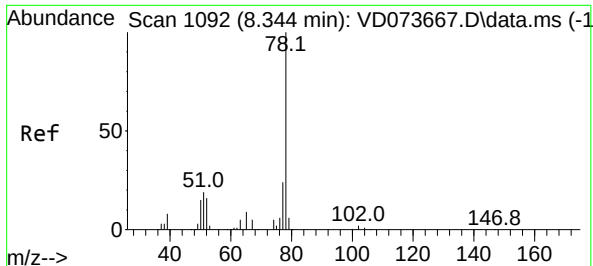
Ion Ratio Lower Upper

83 100

55 132.3 59.0 88.4#

98 8.5 38.3 57.5#





#40

Benzene

Concen: 3.893 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. 0.006 min

Lab File: VD073712.D

Acq: 25 Jun 2022 16:30

Instrument :

MSVOA_D

ClientSampleId :

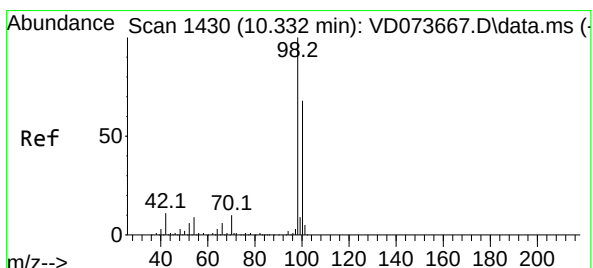
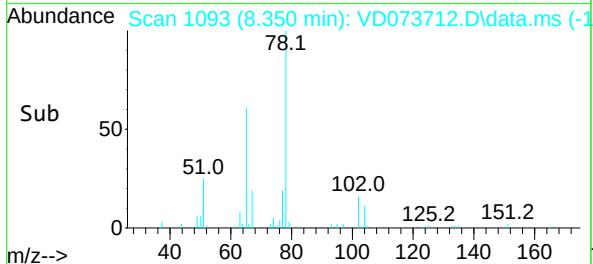
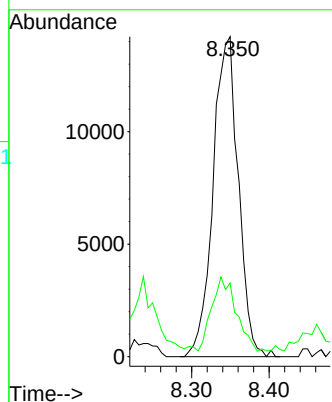
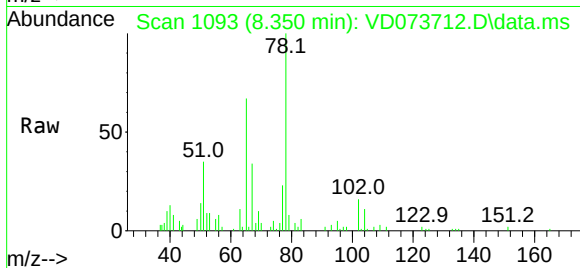
WC-14A-3-2-GR

Tgt Ion: 78 Resp: 32167

Ion Ratio Lower Upper

78 100

77 20.8 19.0 28.4



#50

Toluene-d8

Concen: 48.162 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073712.D

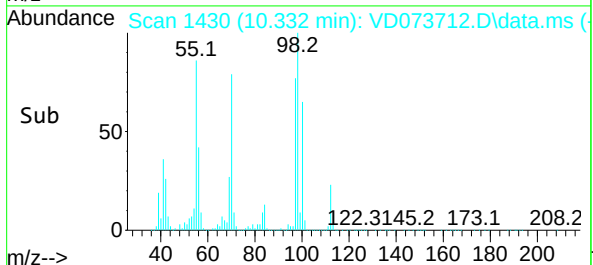
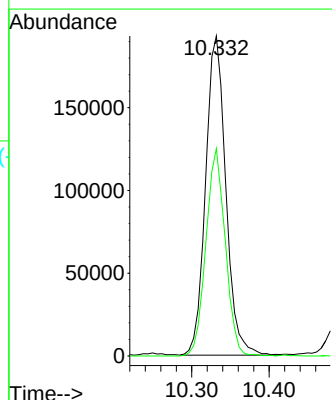
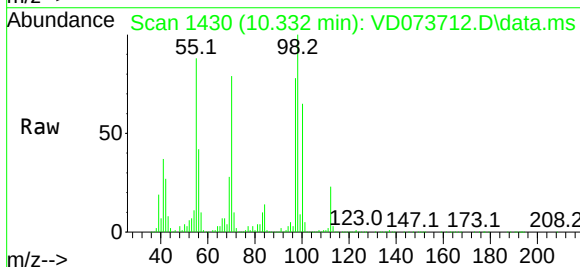
Acq: 25 Jun 2022 16:30

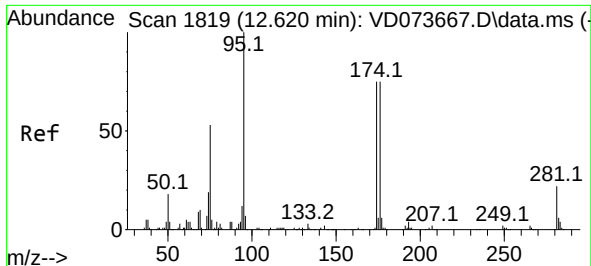
Tgt Ion: 98 Resp: 351586

Ion Ratio Lower Upper

98 100

100 62.0 54.0 81.0

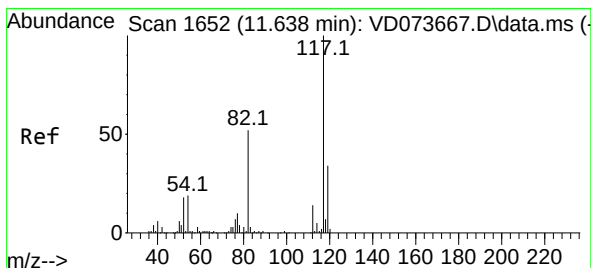
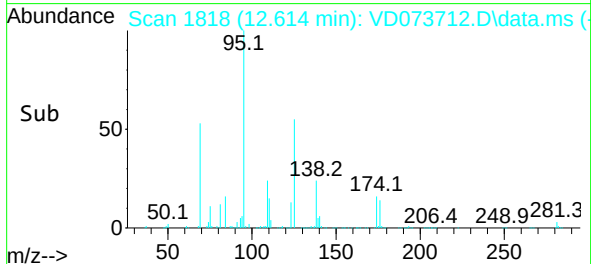
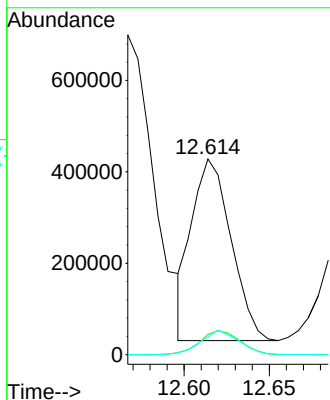
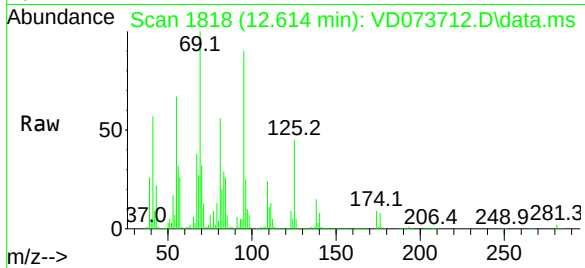




#62
4-Bromofluorobenzene
Concen: 233.127 ug/l
RT: 12.614 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD073712.D
Acq: 25 Jun 2022 16:30

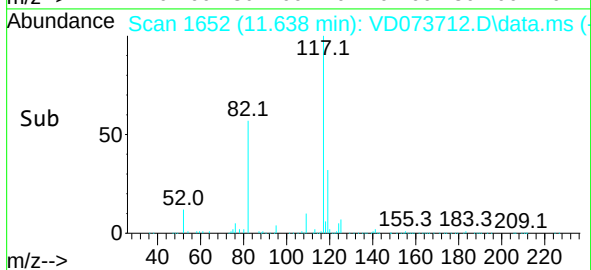
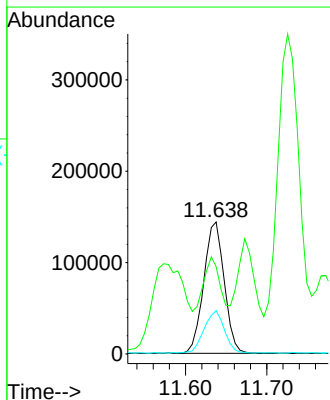
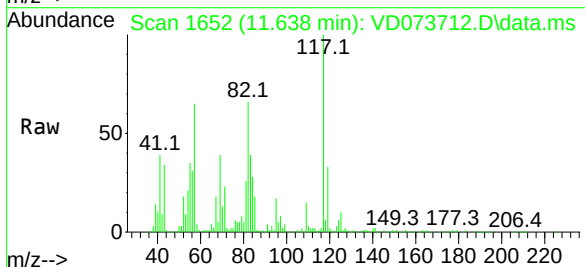
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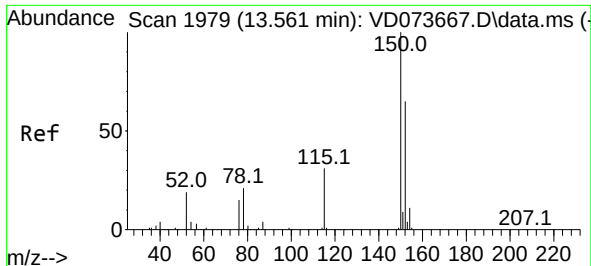
Tgt Ion: 95 Resp: 638294
Ion Ratio Lower Upper
95 100
174 13.6 0.0 158.4
176 13.2 0.0 154.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073712.D
Acq: 25 Jun 2022 16:30

Tgt Ion: 117 Resp: 251183
Ion Ratio Lower Upper
117 100
82 3.3 41.5 62.3#
119 32.3 27.1 40.7

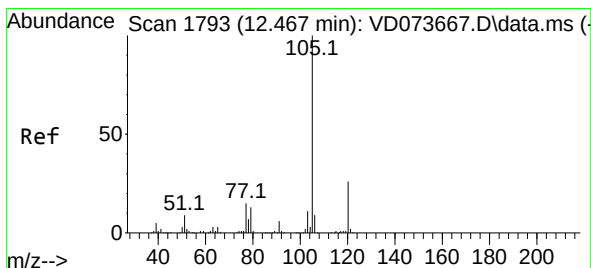
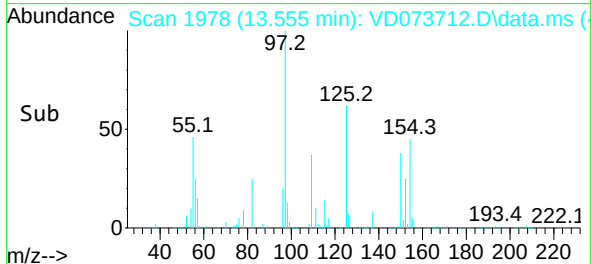
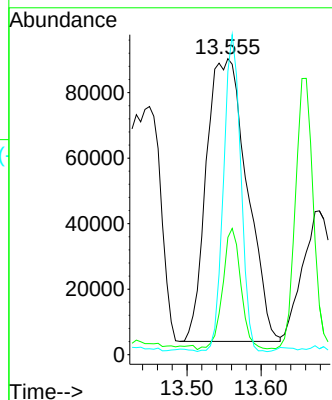
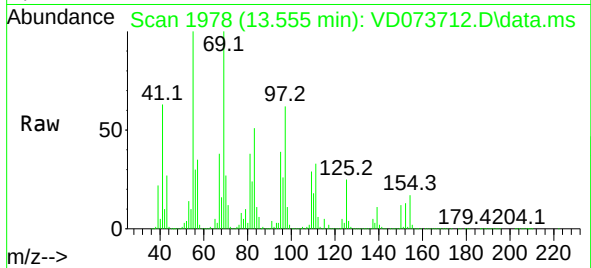




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1798
Delta R.T. -0.006 min
Lab File: VD073712.D
Acq: 25 Jun 2022 16:30

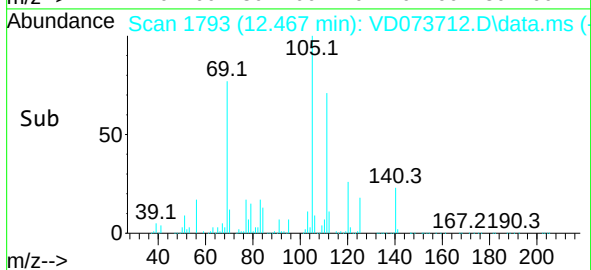
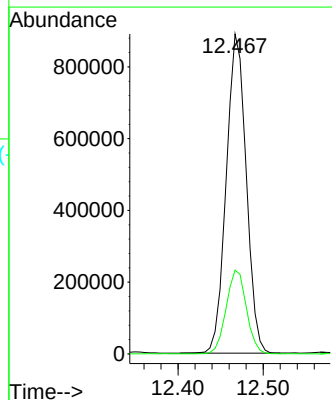
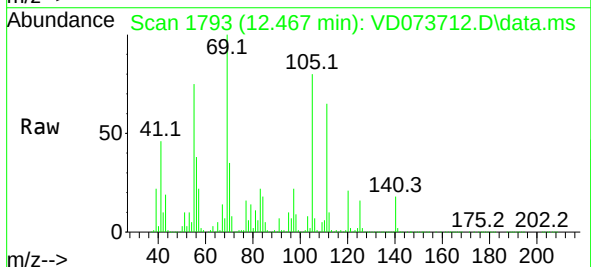
Instrument :
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WC-14A-3-2-GR

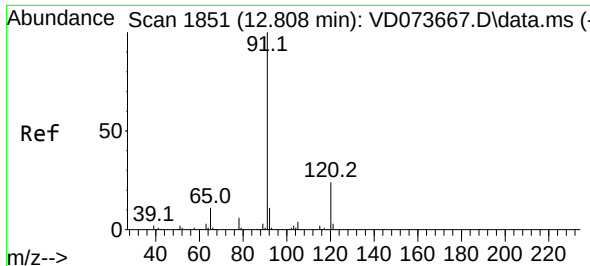
Tgt Ion:152 Resp: 328721
Ion Ratio Lower Upper
152 100
115 19.2 30.6 91.6#
150 47.5 0.0 355.0



#73
Isopropylbenzene
Concen: 54.107 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD073712.D
Acq: 25 Jun 2022 16:30

Tgt Ion:105 Resp: 1452356
Ion Ratio Lower Upper
105 100
120 26.5 13.2 39.6

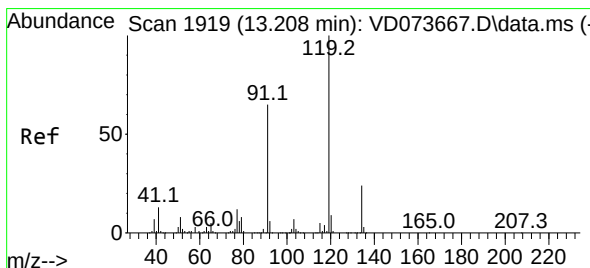
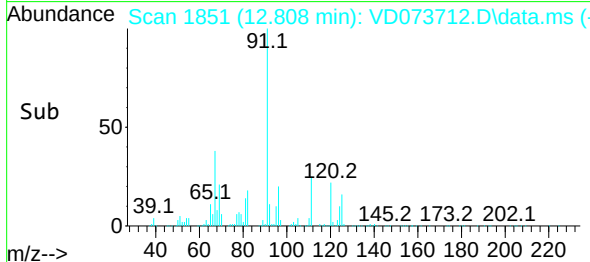
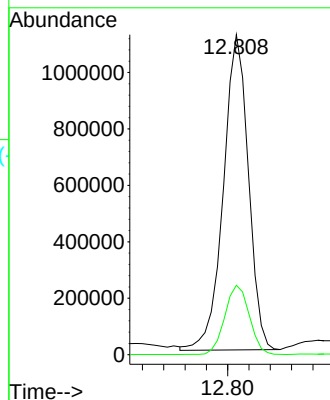
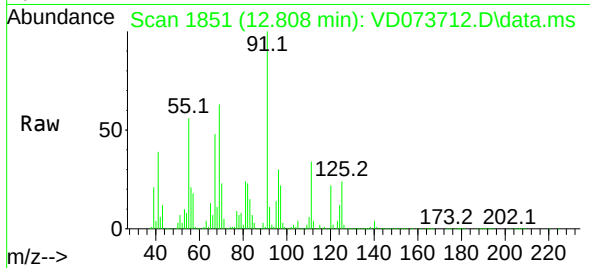




#78
n-propylbenzene
Concen: 55.503 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD073712.D
Acq: 25 Jun 2022 16:30

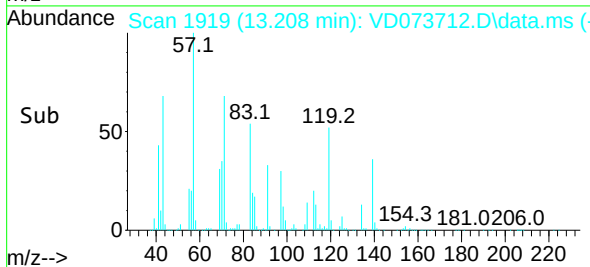
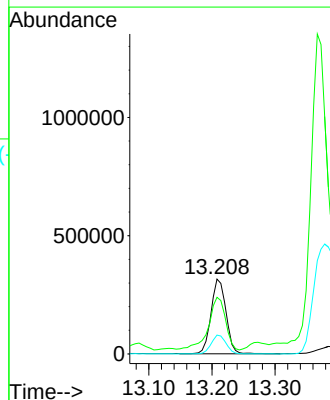
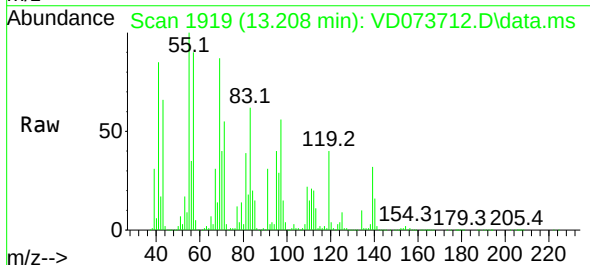
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-3-2-GR

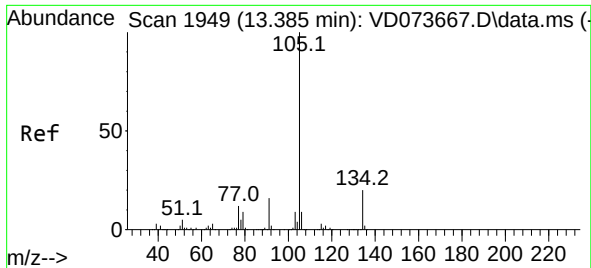
Tgt Ion: 91 Resp: 1820968
Ion Ratio Lower Upper
91 100
120 21.5 11.8 35.3



#83
tert-Butylbenzene
Concen: 25.521 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VD073712.D
Acq: 25 Jun 2022 16:30

Tgt Ion: 119 Resp: 516222
Ion Ratio Lower Upper
119 100
91 80.8 32.1 96.5
134 25.6 12.4 37.4





#85
 sec-Butylbenzene
 Concen: 102.854 ug/l
 RT: 13.390 min Scan# 1949
 Delta R.T. 0.006 min
 Lab File: VD073712.D
 Acq: 25 Jun 2022 16:30

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14A-3-2-GR

Tgt Ion:105 Resp: 3059986
 Ion Ratio Lower Upper
 105 100
 134 37.9 10.4 31.2#

