

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060822\
 Data File : VU048968.D
 Acq On : 08 Jun 2022 17:28
 Operator : SY/MD
 Sample : N3209-03
 Misc : 5.06g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WC-14B-4

Quant Time: Jun 09 09:57:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

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

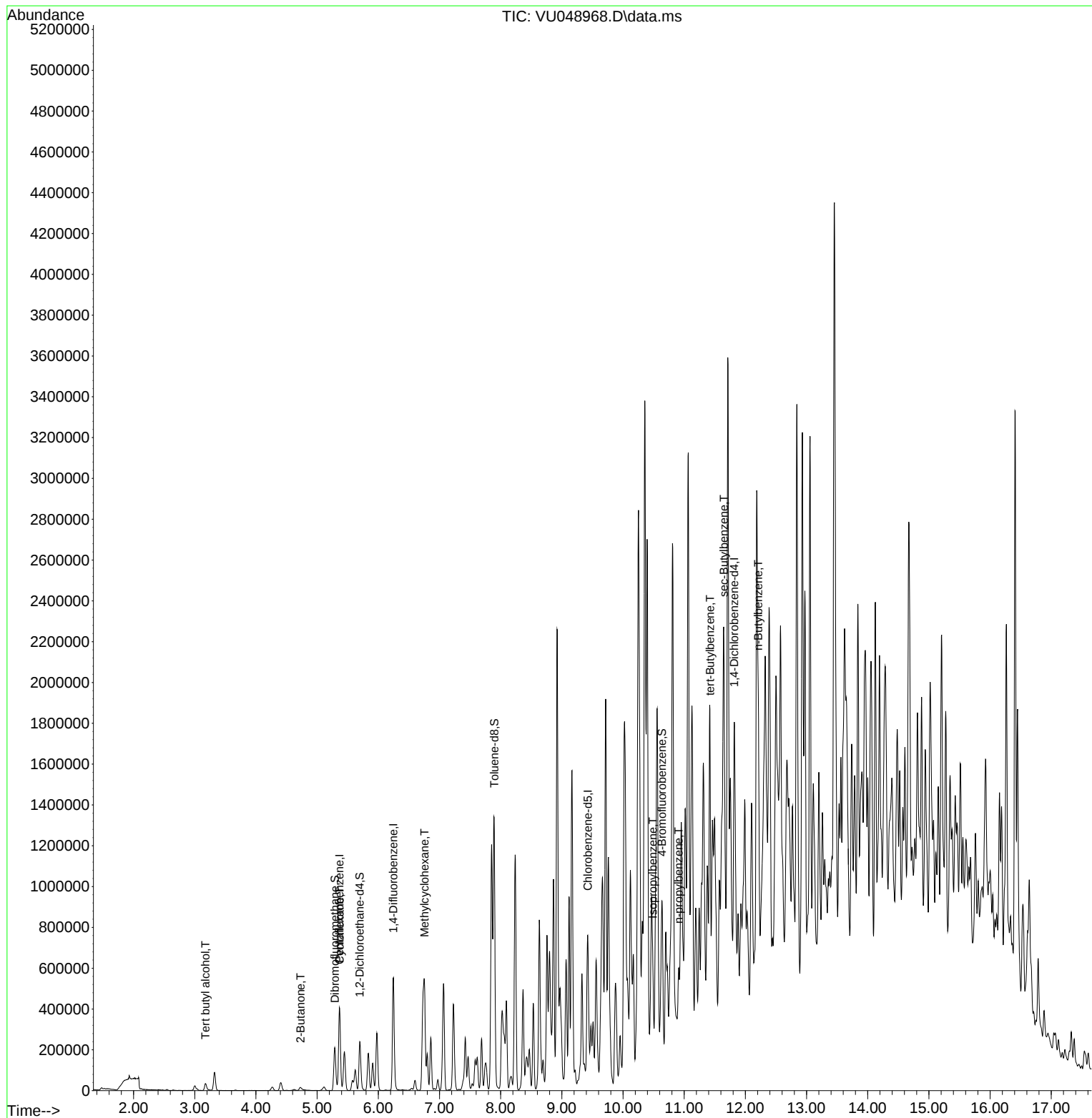
Internal Standards						
1) Pentafluorobenzene	5.366	168	290148	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	490315	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	467384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	244309	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	200575	46.030	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.060%
35) Dibromofluoromethane	5.289	113	152581	43.619	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.240%
50) Toluene-d8	7.896	98	622287	49.628	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.260%
62) 4-Bromofluorobenzene	10.639	95	275135	58.019	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	116.040%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.176	59	23875	21.611	ug/l #	28
25) 2-Butanone	4.729	43	29086	9.117	ug/l	100
31) Cyclohexane	5.369	56	8032	1.463	ug/l #	11
39) Methylcyclohexane	6.755	83	274729	51.322	ug/l	97
73) Isopropylbenzene	10.488	105	145062	9.197	ug/l	98
78) n-propylbenzene	10.909	91	227150	12.086	ug/l	97
83) tert-Butylbenzene	11.423	119	31698	2.408	ug/l	96
85) sec-Butylbenzene	11.648	105	261789	15.896	ug/l	99
89) n-Butylbenzene	12.211	91	182303	14.500	ug/l	94

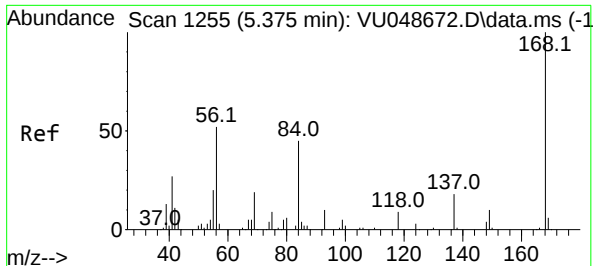
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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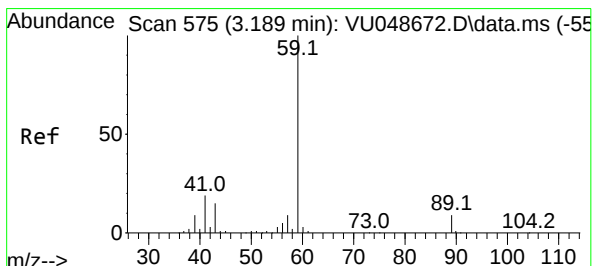
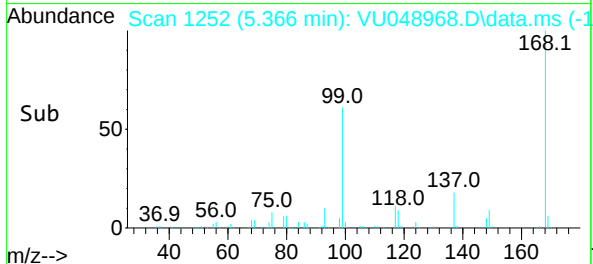
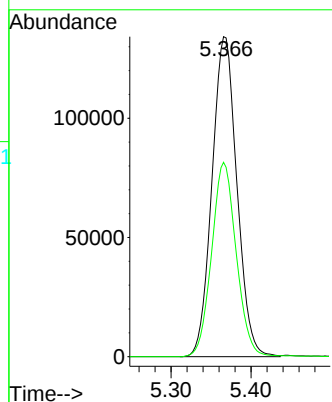
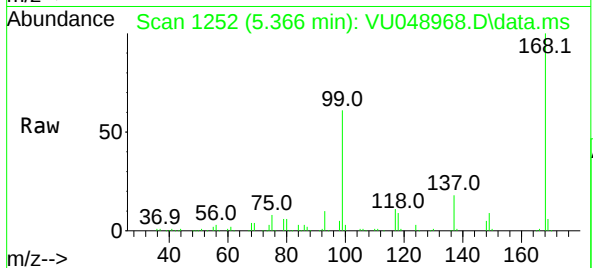




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.366 min Scan# 11
Delta R.T. -0.009 min
Lab File: VU048968.D
Acq: 08 Jun 2022 17:28

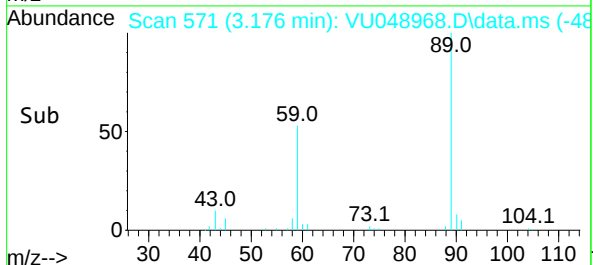
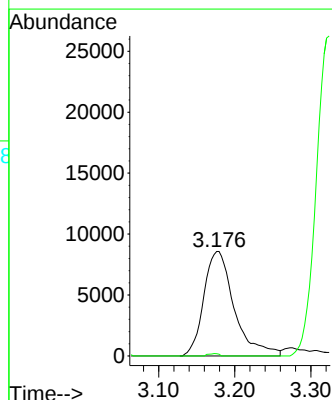
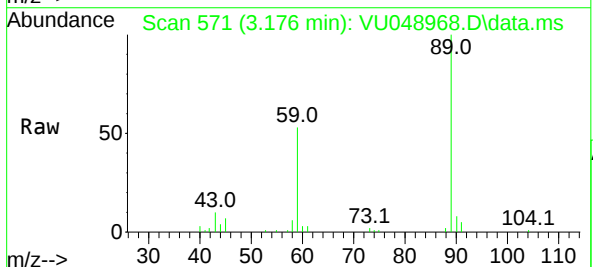
Instrument :
MSVOA_U
ClientSampleId :
WC-14B-4

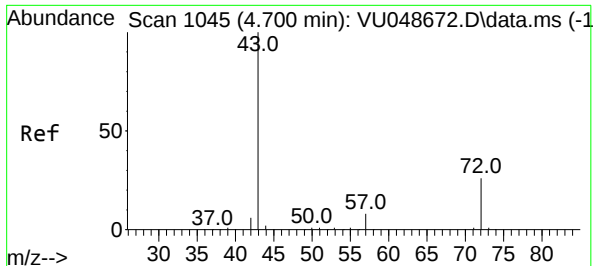
Tgt Ion:168 Resp: 290148
Ion Ratio Lower Upper
168 100
99 60.8 49.3 73.9



#11
Tert butyl alcohol
Concen: 21.611 ug/l
RT: 3.176 min Scan# 571
Delta R.T. -0.013 min
Lab File: VU048968.D
Acq: 08 Jun 2022 17:28

Tgt Ion: 59 Resp: 23875
Ion Ratio Lower Upper
59 100
57 0.0 39.7 59.5#

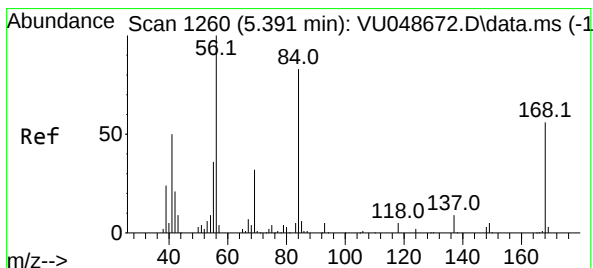
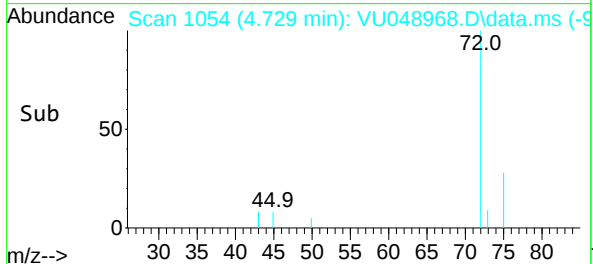
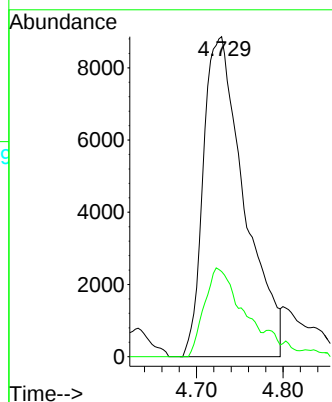
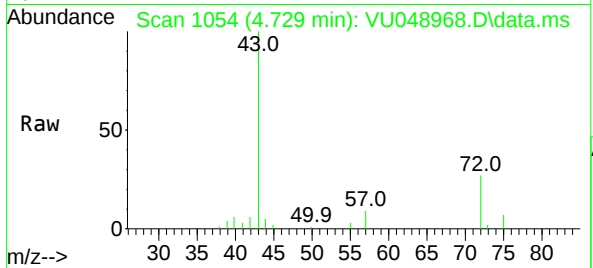




#25
2-Butanone
Concen: 9.117 ug/l
RT: 4.729 min Scan# 1054
Delta R.T. 0.029 min
Lab File: VU048968.D
Acq: 08 Jun 2022 17:28

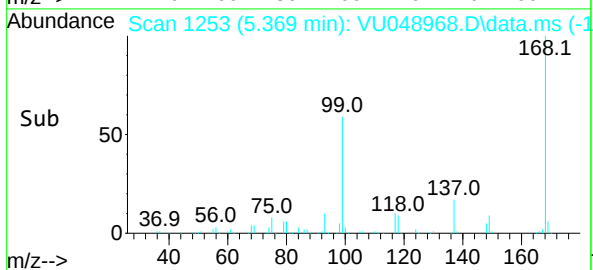
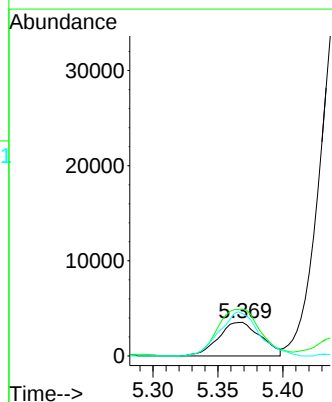
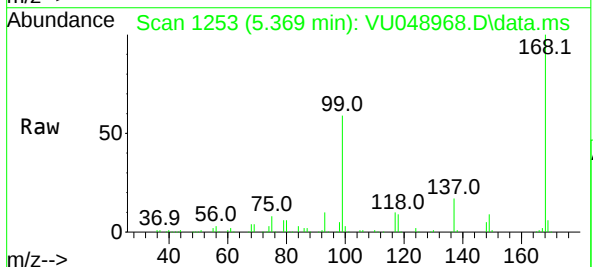
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ClientSampleId : WC-14B-4

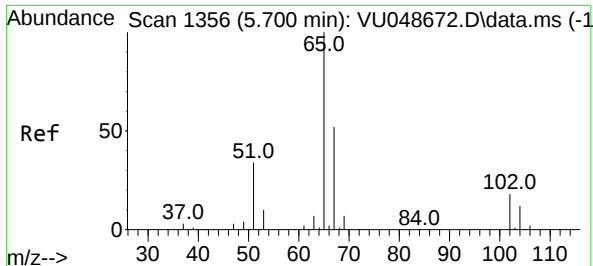
Tgt Ion: 43 Resp: 29086
Ion Ratio Lower Upper
43 100
72 26.6 21.1 31.7



#31
Cyclohexane
Concen: 1.463 ug/l
RT: 5.369 min Scan# 1253
Delta R.T. -0.022 min
Lab File: VU048968.D
Acq: 08 Jun 2022 17:28

Tgt Ion: 56 Resp: 8032
Ion Ratio Lower Upper
56 100
69 139.9 25.6 38.4#
84 126.0 66.2 99.4#





#33

1,2-Dichloroethane-d4

Concen: 46.030 ug/l

RT: 5.697 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU048968.D

Acq: 08 Jun 2022 17:28

Instrument :

MSVOA_U

ClientSampleId :

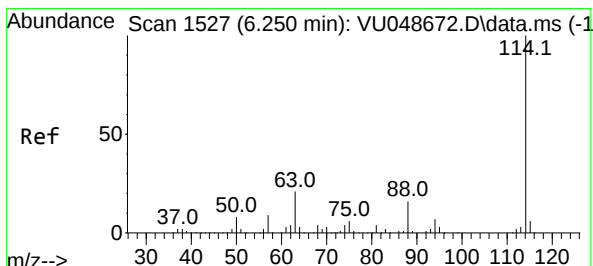
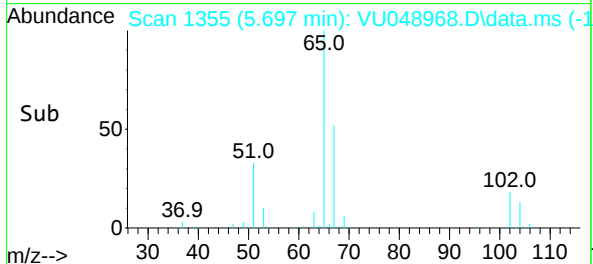
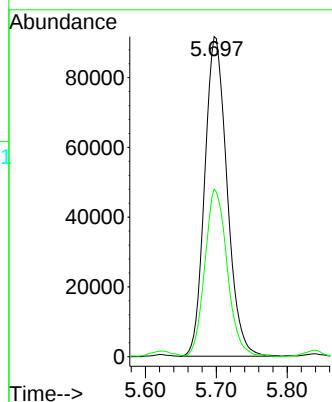
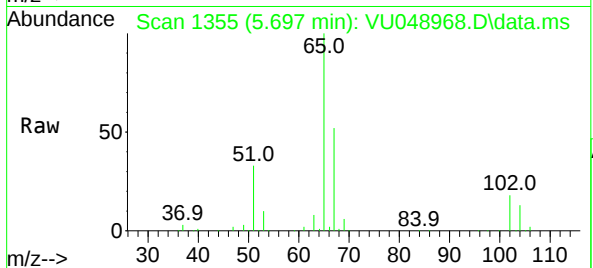
WC-14B-4

Tgt Ion: 65 Resp: 200575

Ion Ratio Lower Upper

65 100

67 51.7 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 1526

Delta R.T. -0.003 min

Lab File: VU048968.D

Acq: 08 Jun 2022 17:28

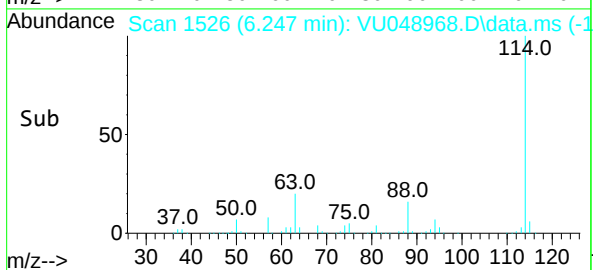
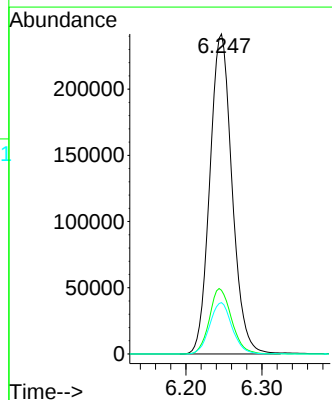
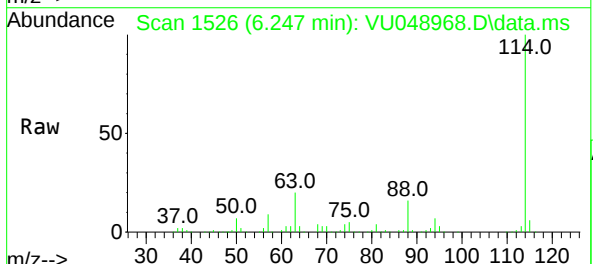
Tgt Ion: 114 Resp: 490315

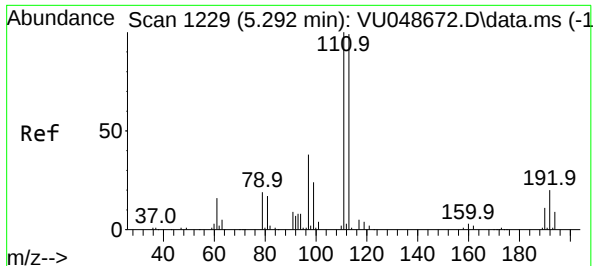
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.6

88 16.1 0.0 32.2

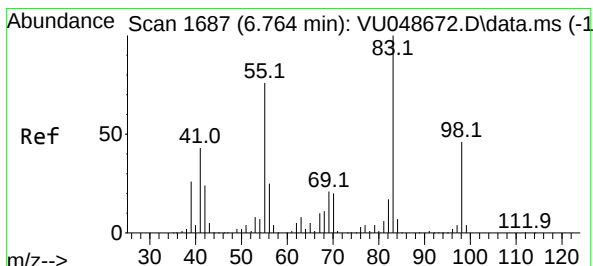
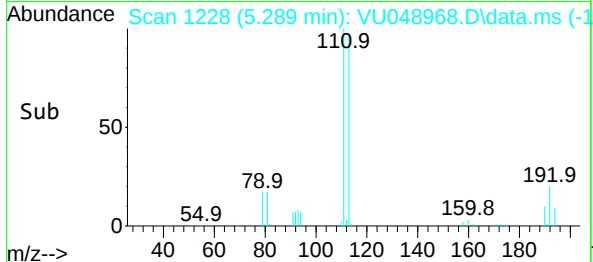
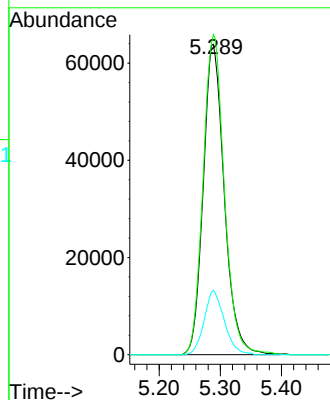
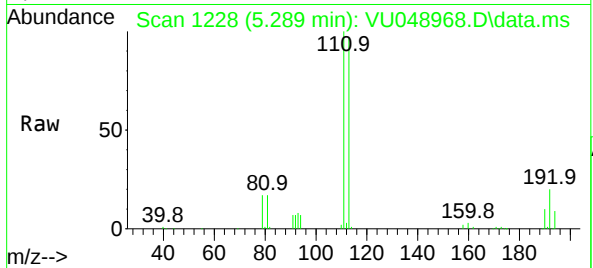




#35
Dibromofluoromethane
Concen: 43.619 ug/l
RT: 5.289 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048968.D
Acq: 08 Jun 2022 17:28

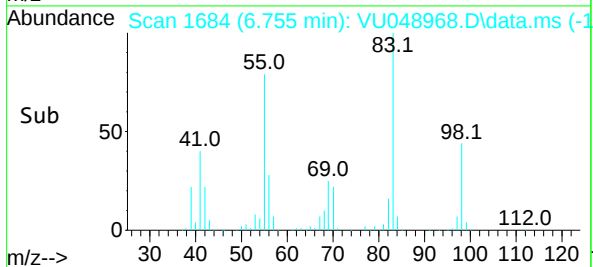
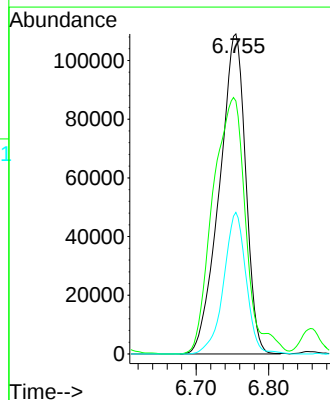
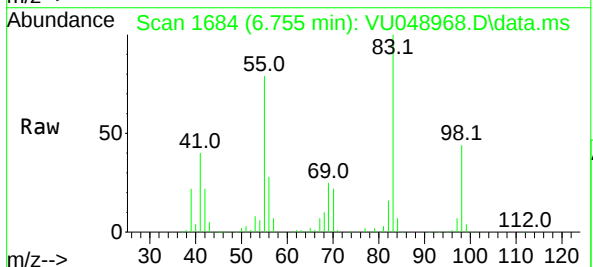
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MSVOA_U
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WC-14B-4

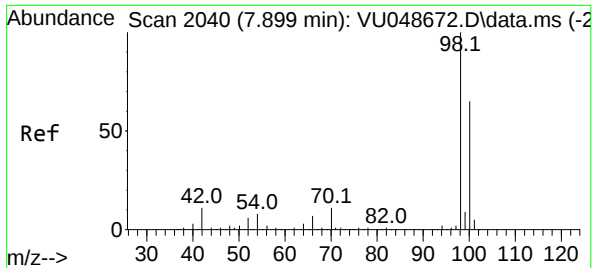
Tgt Ion:113 Resp: 152581
Ion Ratio Lower Upper
113 100
111 104.3 80.7 121.1
192 19.9 15.9 23.9



#39
Methylcyclohexane
Concen: 51.322 ug/l
RT: 6.755 min Scan# 1684
Delta R.T. -0.010 min
Lab File: VU048968.D
Acq: 08 Jun 2022 17:28

Tgt Ion: 83 Resp: 274729
Ion Ratio Lower Upper
83 100
55 79.1 61.0 91.6
98 44.2 36.8 55.2

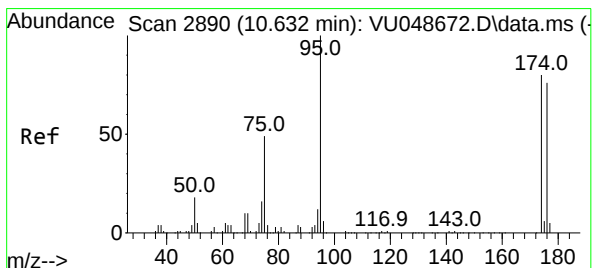
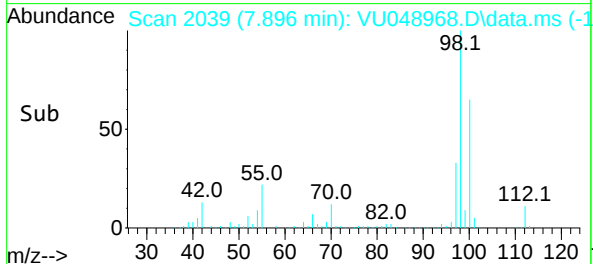
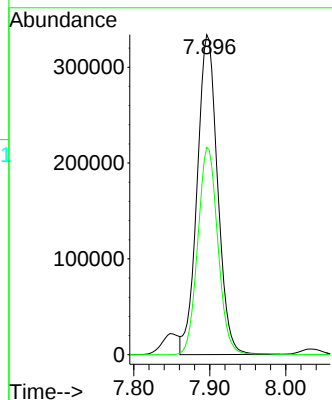
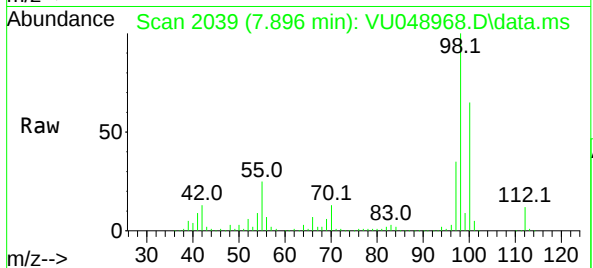




#50
Toluene-d8
Concen: 49.628 ug/l
RT: 7.896 min Scan# 2040
Delta R.T. -0.003 min
Lab File: VU048968.D
Acq: 08 Jun 2022 17:28

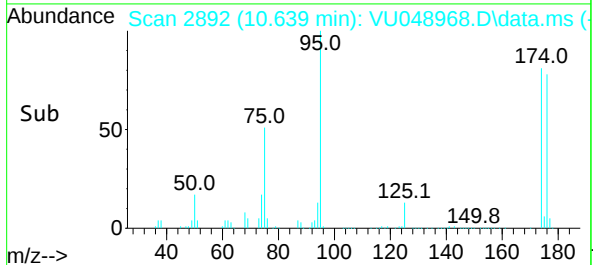
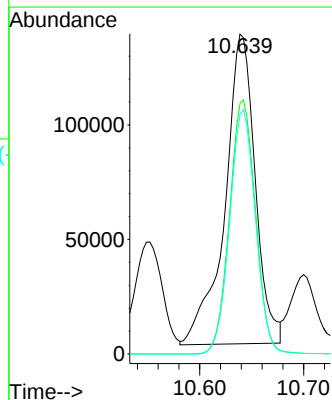
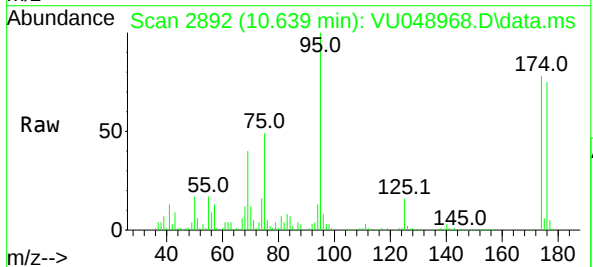
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ClientSampleId :
WC-14B-4

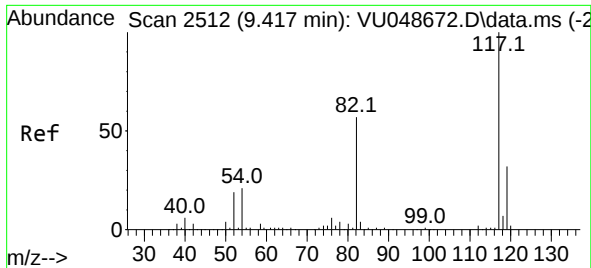
Tgt Ion: 98 Resp: 622287
Ion Ratio Lower Upper
98 100
100 63.7 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 58.019 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.006 min
Lab File: VU048968.D
Acq: 08 Jun 2022 17:28

Tgt Ion: 95 Resp: 275135
Ion Ratio Lower Upper
95 100
174 70.3 0.0 159.4
176 66.9 0.0 152.4

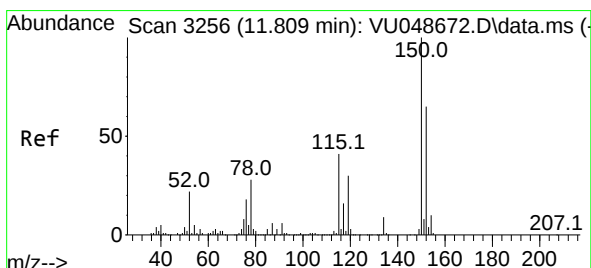
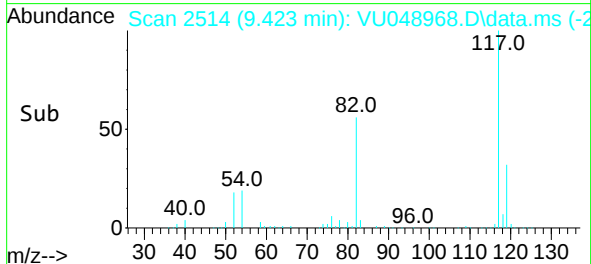
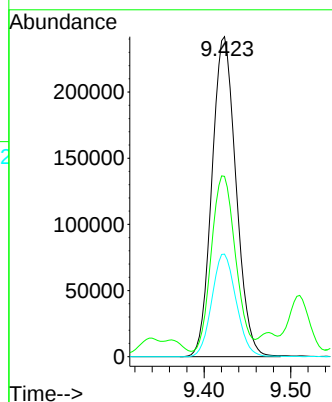
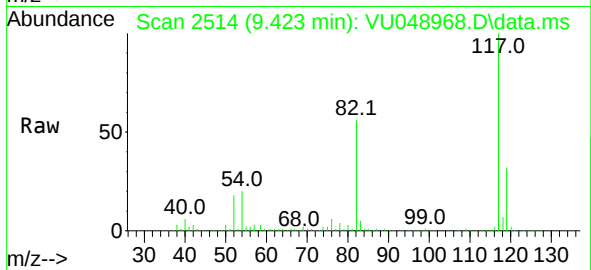




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.423 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU048968.D
Acq: 08 Jun 2022 17:28

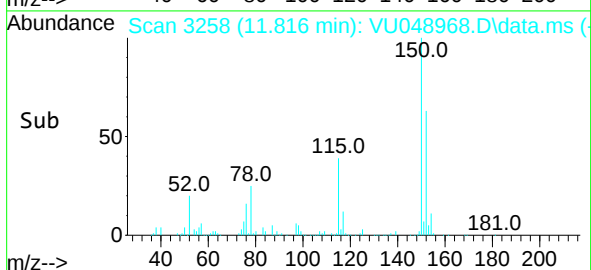
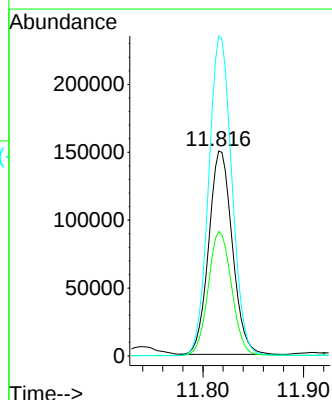
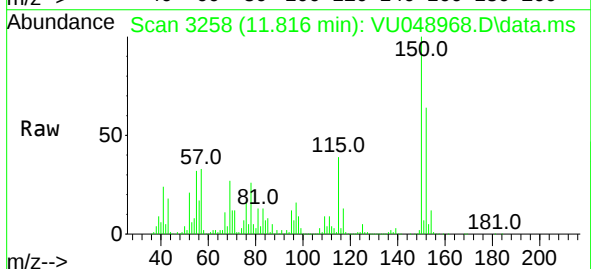
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WC-14B-4

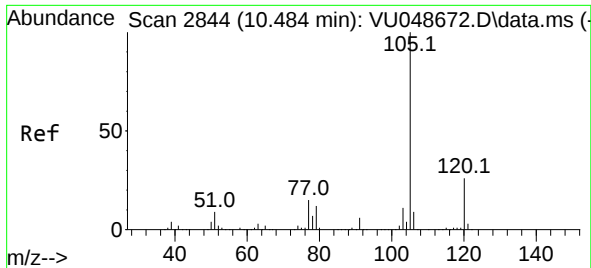
Tgt Ion:117 Resp: 467384
Ion Ratio Lower Upper
117 100
82 52.4 45.3 67.9
119 32.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.006 min
Lab File: VU048968.D
Acq: 08 Jun 2022 17:28

Tgt Ion:152 Resp: 244309
Ion Ratio Lower Upper
152 100
115 60.7 41.8 125.4
150 154.9 0.0 341.0

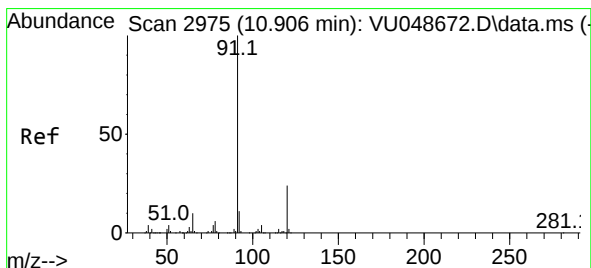
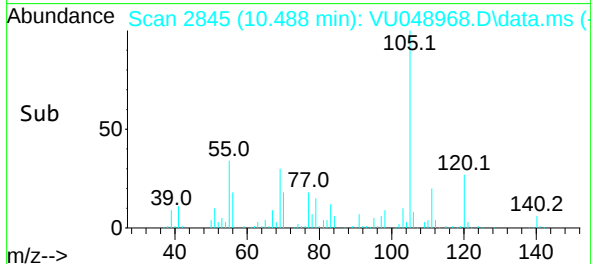
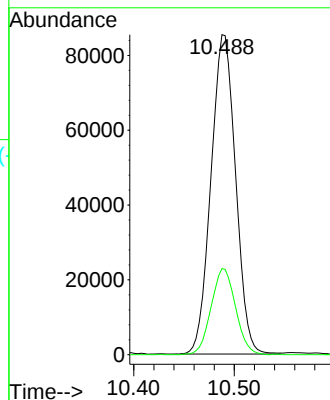
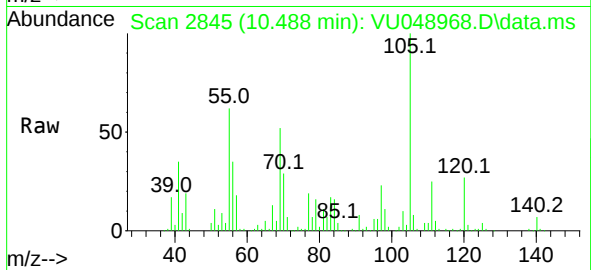




#73
Isopropylbenzene
Concen: 9.197 ug/l
RT: 10.488 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048968.D
Acq: 08 Jun 2022 17:28

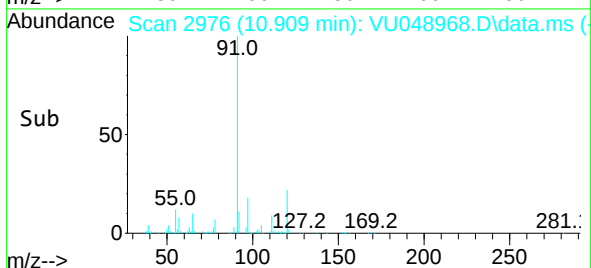
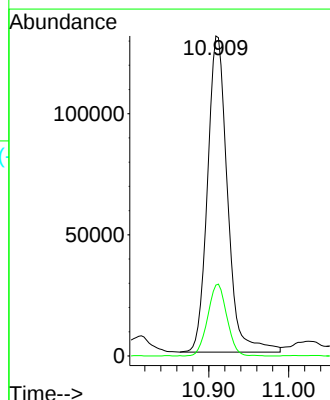
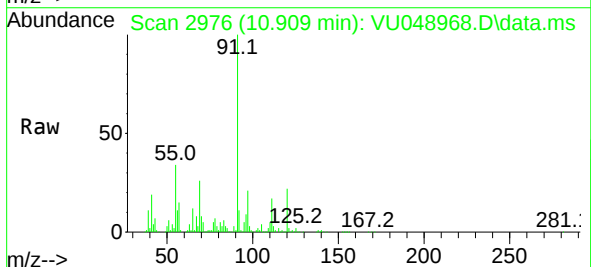
Instrument :
MSVOA_U
ClientSampleId :
WC-14B-4

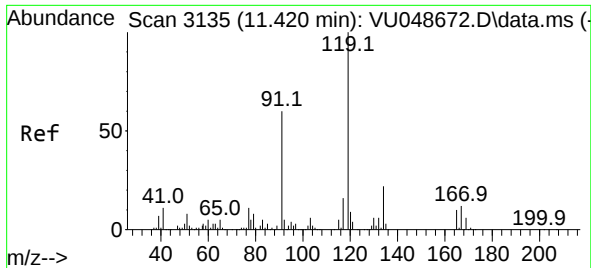
Tgt Ion:105 Resp: 145062
Ion Ratio Lower Upper
105 100
120 26.8 12.9 38.6



#78
n-propylbenzene
Concen: 12.086 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.003 min
Lab File: VU048968.D
Acq: 08 Jun 2022 17:28

Tgt Ion: 91 Resp: 227150
Ion Ratio Lower Upper
91 100
120 21.7 11.6 34.7

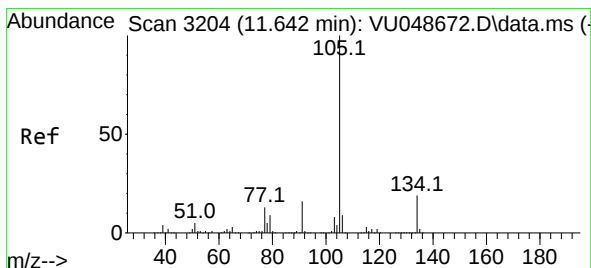
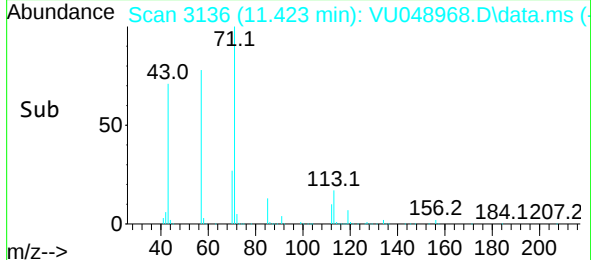
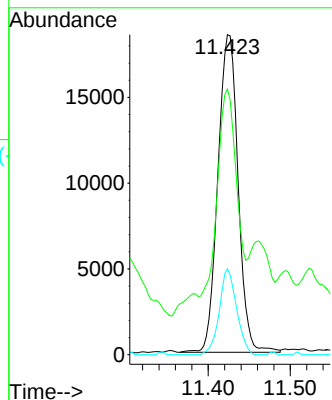
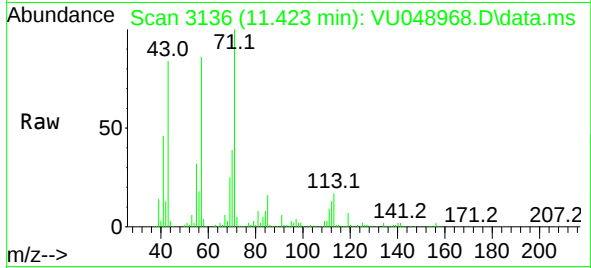




#83
tert-Butylbenzene
Concen: 2.408 ug/l
RT: 11.423 min Scan# 3135
Delta R.T. 0.003 min
Lab File: VU048968.D
Acq: 08 Jun 2022 17:28

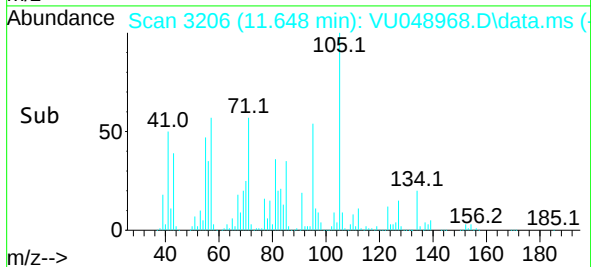
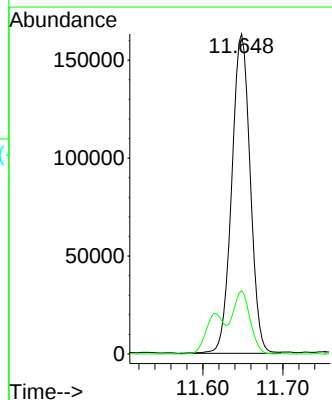
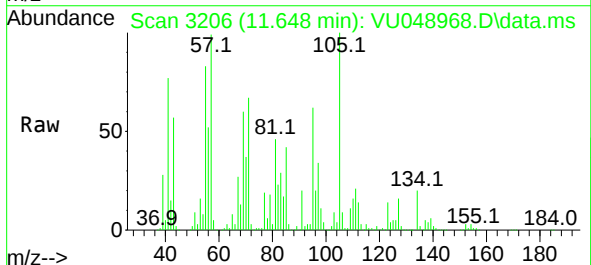
Instrument :
MSVOA_U
ClientSampleId :
WC-14B-4

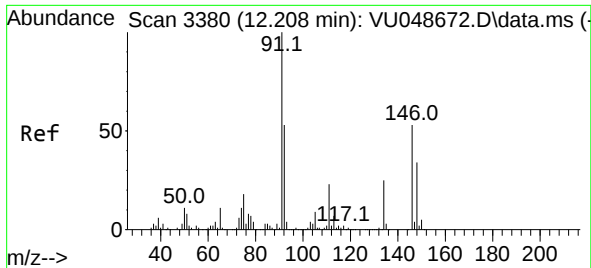
Tgt Ion:119 Resp: 31698
Ion Ratio Lower Upper
119 100
91 60.5 28.7 86.1
134 23.1 10.8 32.4



#85
sec-Butylbenzene
Concen: 15.896 ug/l
RT: 11.648 min Scan# 3206
Delta R.T. 0.006 min
Lab File: VU048968.D
Acq: 08 Jun 2022 17:28

Tgt Ion:105 Resp: 261789
Ion Ratio Lower Upper
105 100
134 18.9 9.6 28.6





#89

n-Butylbenzene

Concen: 14.500 ug/l

RT: 12.211 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU048968.D

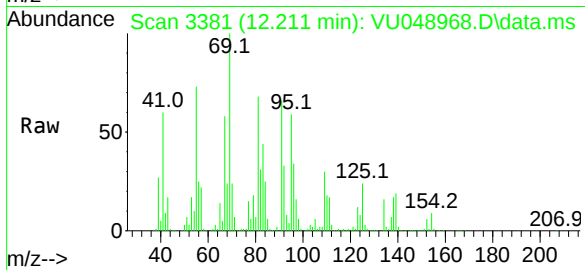
Acq: 08 Jun 2022 17:28

Instrument :

MSVOA_U

ClientSampleId :

WC-14B-4



Tgt Ion: 91 Resp: 182303

Ion Ratio Lower Upper

91 100

92 46.4 25.9 77.8

134 23.7 12.5 37.5

