

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070522\
 Data File : VU049623.D
 Acq On : 05 Jul 2022 17:10
 Operator : SY/MD
 Sample : N3564-11 10X
 Misc : 4.74g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WC-14B-11-3

Quant Time: Jul 06 07:48:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 10:35:43 2022
 Response via : Initial Calibration

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

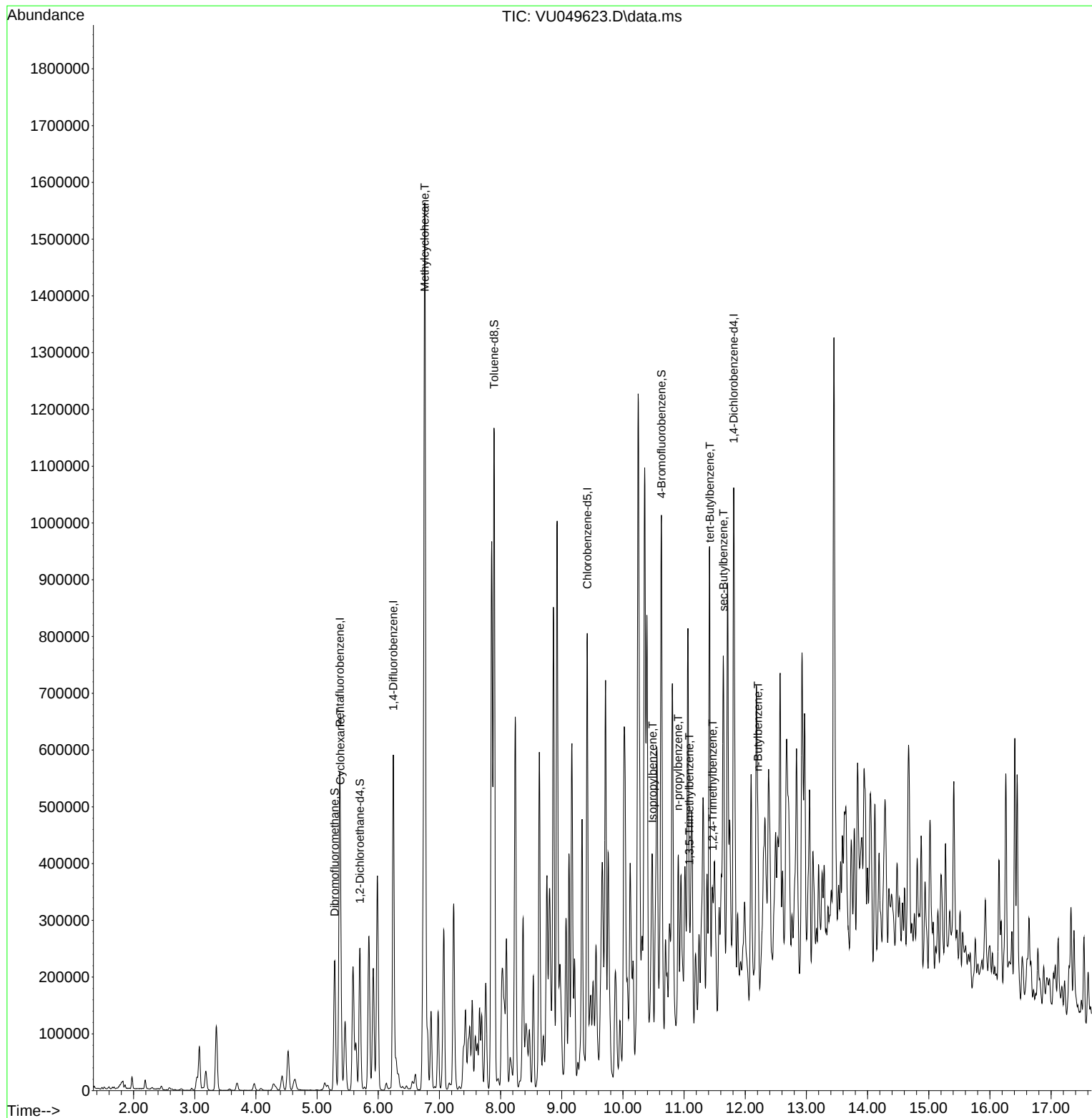
Internal Standards						
1) Pentafluorobenzene	5.372	168	273024	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	470378	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	425632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	206701	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	182167	43.324	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.640%
35) Dibromofluoromethane	5.288	113	147707	44.884	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.760%
50) Toluene-d8	7.896	98	583731	49.731	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.460%
62) 4-Bromofluorobenzene	10.632	95	227558	50.610	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.220%
Target Compounds						
						Qvalue
31) Cyclohexane	5.382	56	101467	16.071	ug/l	94
39) Methylcyclohexane	6.761	83	675311	118.070	ug/l	90
73) Isopropylbenzene	10.484	105	145776	9.900	ug/l	97
78) n-propylbenzene	10.906	91	243719	13.622	ug/l	94
80) 1,3,5-Trimethylbenzene	11.086	105	16796	1.307	ug/l	95
83) tert-Butylbenzene	11.420	119	17412	1.377	ug/l	92
84) 1,2,4-Trimethylbenzene	11.468	105	12812	1.015	ug/l	96
85) sec-Butylbenzene	11.642	105	112595	7.083	ug/l	95
89) n-Butylbenzene	12.208	91	84270	7.081	ug/l	# 80

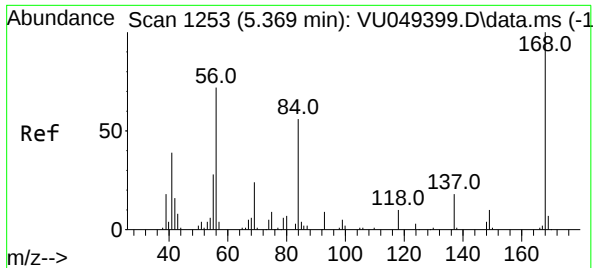
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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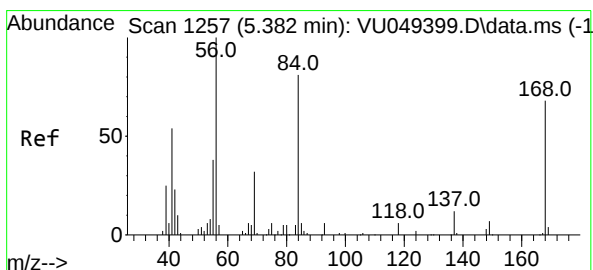
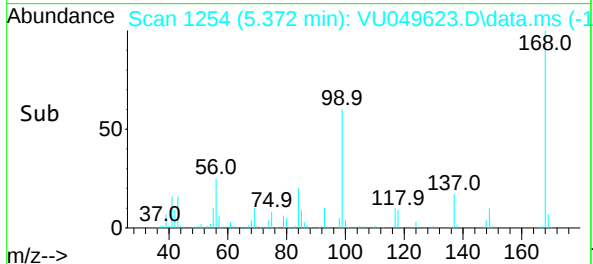
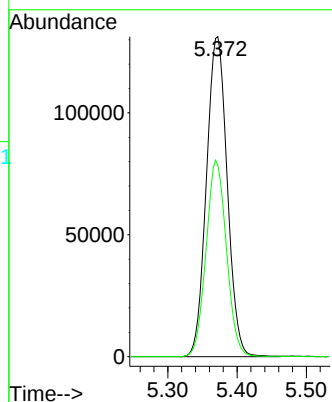
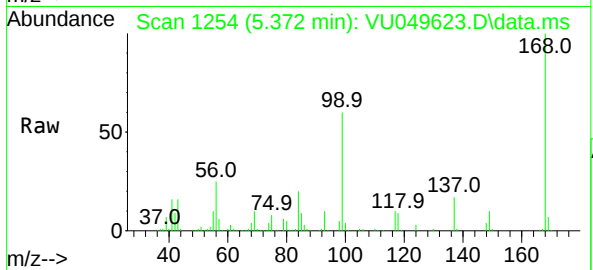




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049623.D
Acq: 05 Jul 2022 17:10

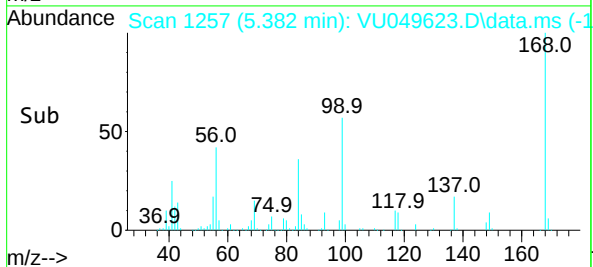
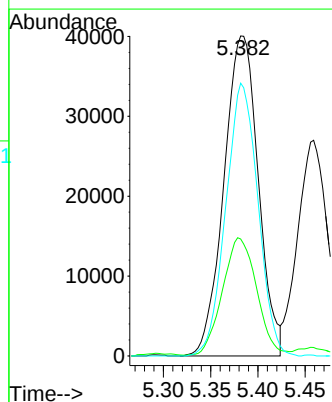
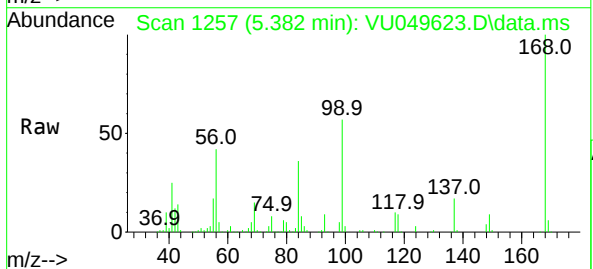
Instrument :
MSVOA_U
ClientSampleId :
WC-14B-11-3

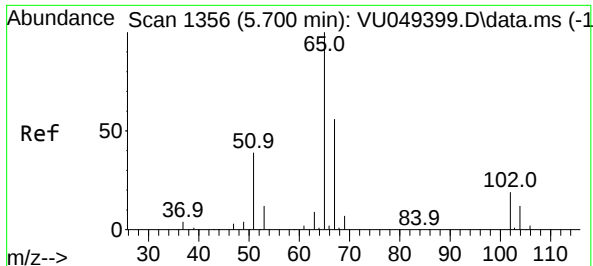
Tgt Ion:168 Resp: 273024
Ion Ratio Lower Upper
168 100
99 60.0 39.3 58.9#



#31
Cyclohexane
Concen: 16.071 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VU049623.D
Acq: 05 Jul 2022 17:10

Tgt Ion: 56 Resp: 101467
Ion Ratio Lower Upper
56 100
69 36.2 27.8 41.8
84 85.2 74.2 111.4





#33

1,2-Dichloroethane-d4

Concen: 43.324 ug/l

RT: 5.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049623.D

Acq: 05 Jul 2022 17:10

Instrument :

MSVOA_U

ClientSampleId :

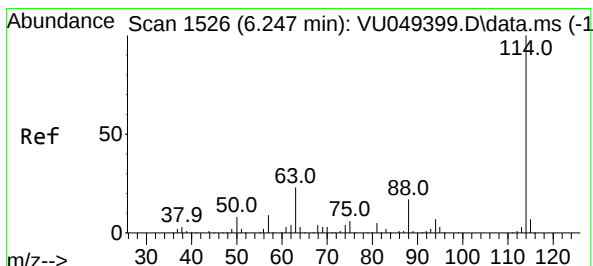
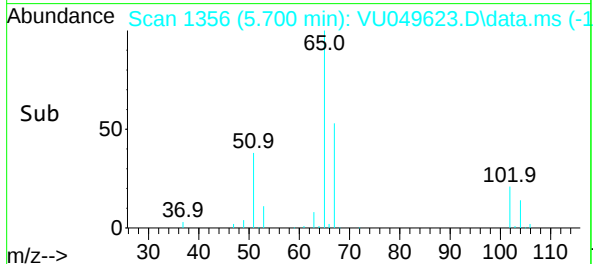
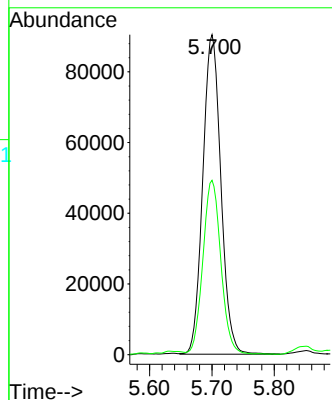
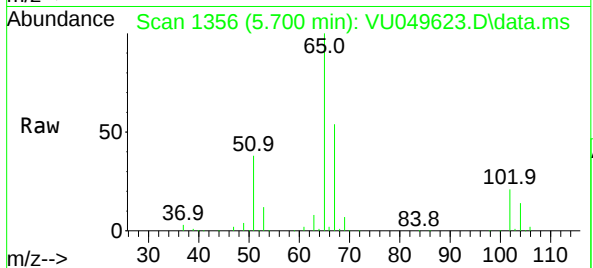
WC-14B-11-3

Tgt Ion: 65 Resp: 182167

Ion Ratio Lower Upper

65 100

67 53.8 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 1526

Delta R.T. 0.000 min

Lab File: VU049623.D

Acq: 05 Jul 2022 17:10

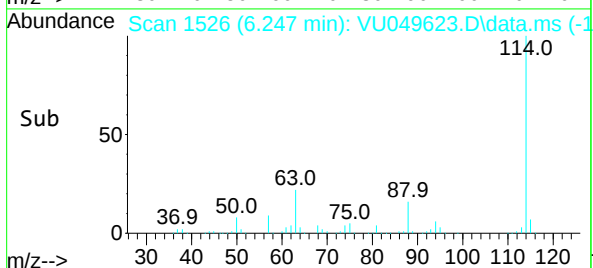
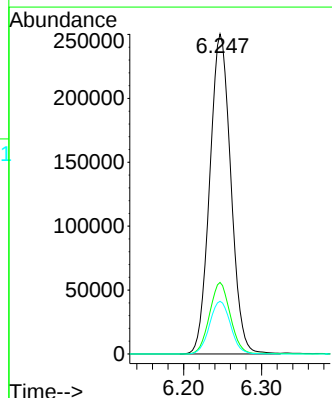
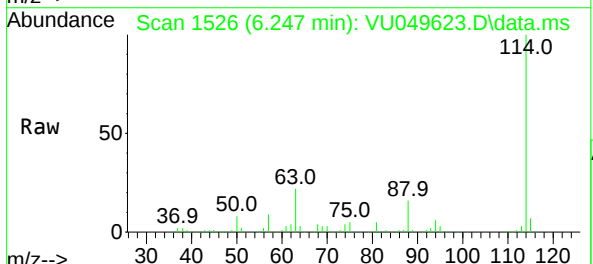
Tgt Ion: 114 Resp: 470378

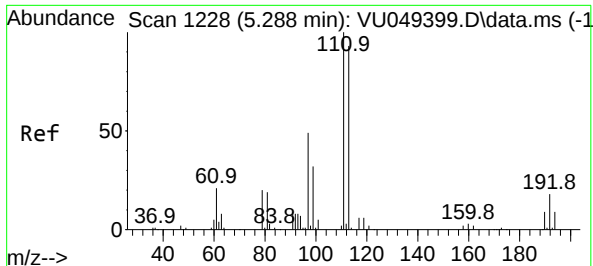
Ion Ratio Lower Upper

114 100

63 22.4 0.0 37.8

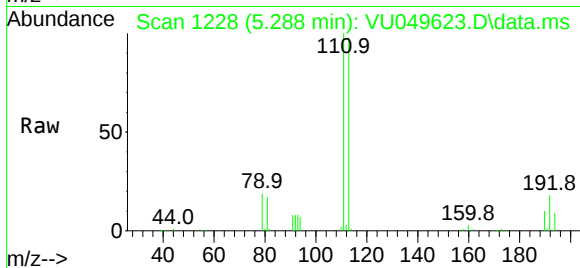
88 16.4 0.0 29.2



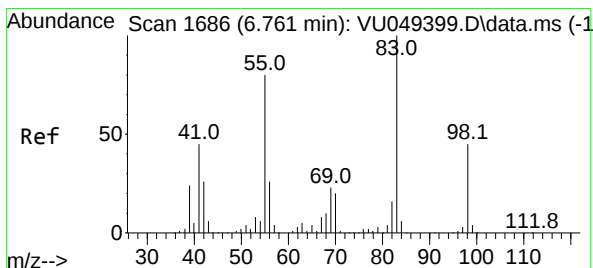
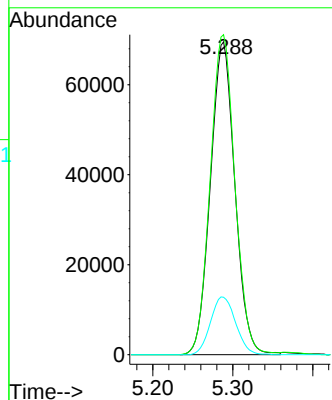
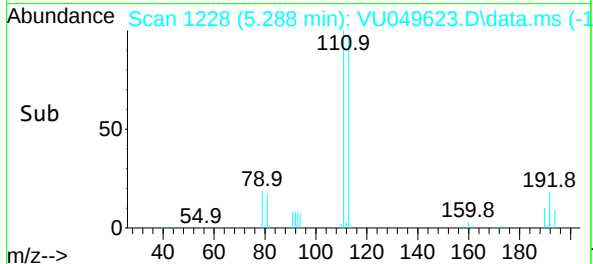


#35
Dibromofluoromethane
Concen: 44.884 ug/l
RT: 5.288 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049623.D
Acq: 05 Jul 2022 17:10

Instrument :
MSVOA_U
ClientSampleId :
WC-14B-11-3

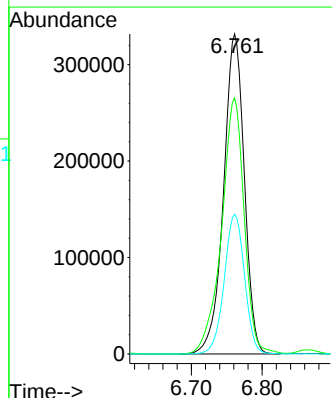
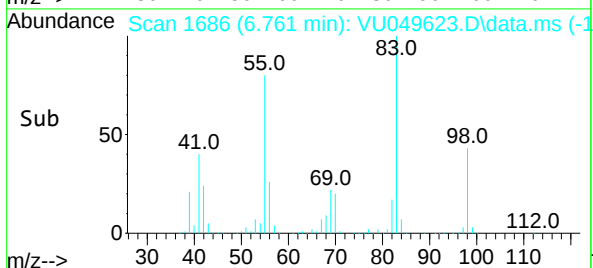
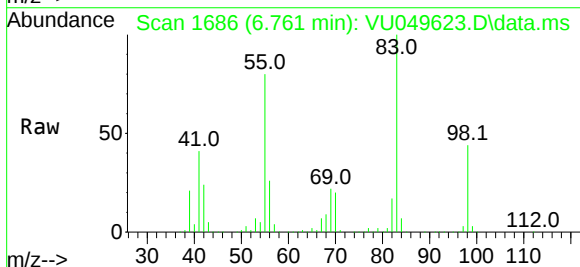


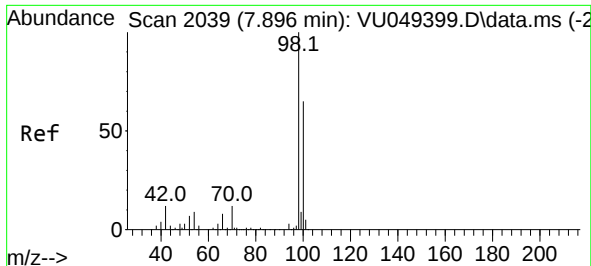
Tgt Ion:113 Resp: 147707
Ion Ratio Lower Upper
113 100
111 103.4 82.1 123.1
192 19.0 18.0 27.0



#39
Methylcyclohexane
Concen: 118.070 ug/l
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU049623.D
Acq: 05 Jul 2022 17:10

Tgt Ion: 83 Resp: 675311
Ion Ratio Lower Upper
83 100
55 80.1 55.3 82.9
98 43.6 37.3 55.9

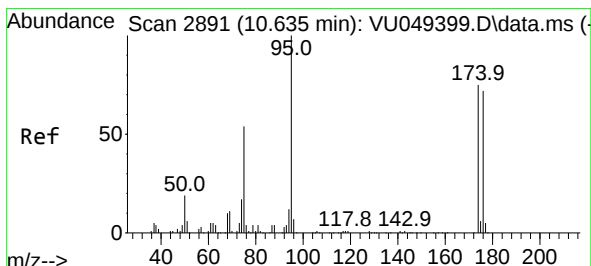
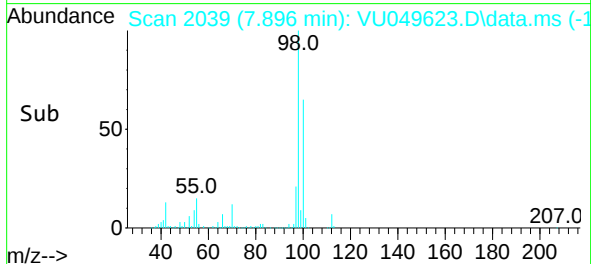
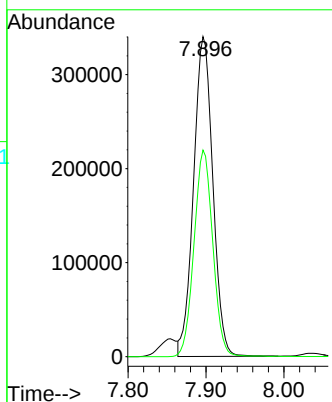
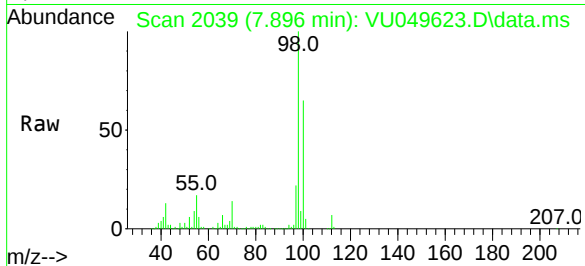




#50
Toluene-d8
Concen: 49.731 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VU049623.D
Acq: 05 Jul 2022 17:10

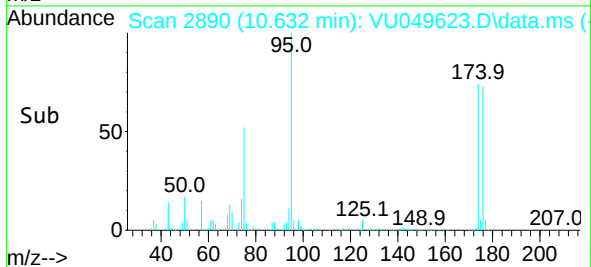
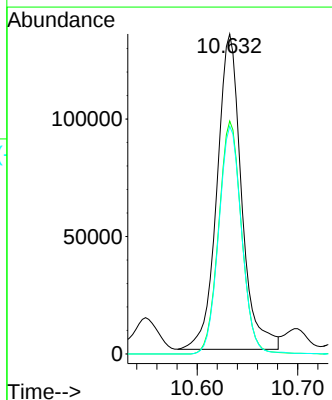
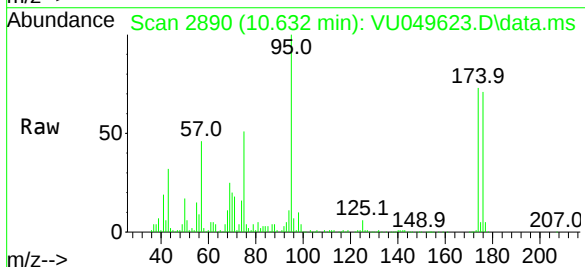
Instrument :
MSVOA_U
ClientSampleId :
WC-14B-11-3

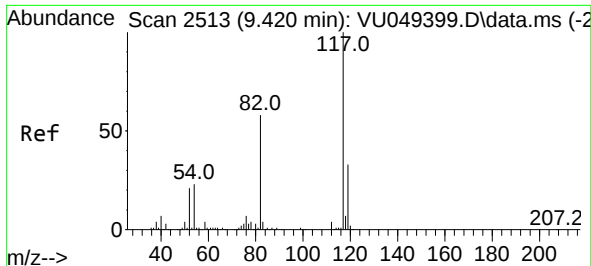
Tgt Ion: 98 Resp: 583731
Ion Ratio Lower Upper
98 100
100 63.1 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 50.610 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049623.D
Acq: 05 Jul 2022 17:10

Tgt Ion: 95 Resp: 227558
Ion Ratio Lower Upper
95 100
174 68.8 0.0 182.0
176 67.4 0.0 177.8

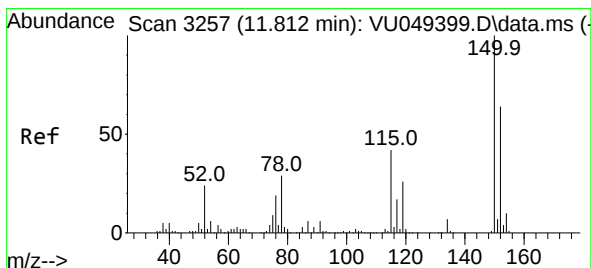
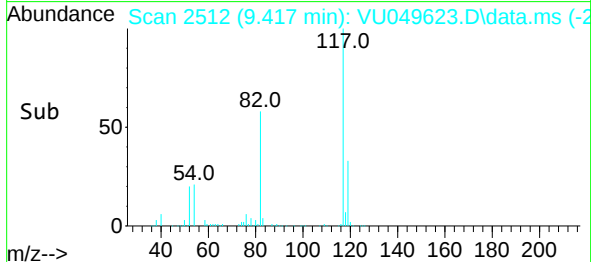
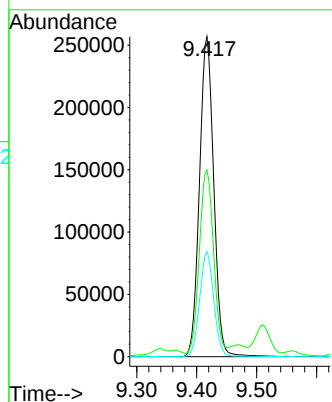
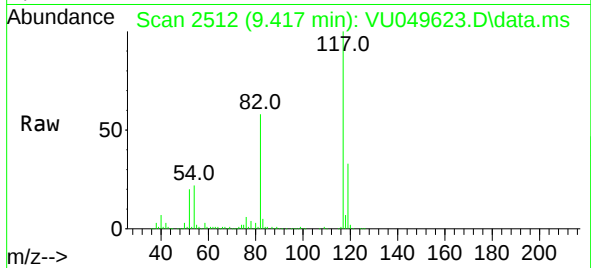




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049623.D
Acq: 05 Jul 2022 17:10

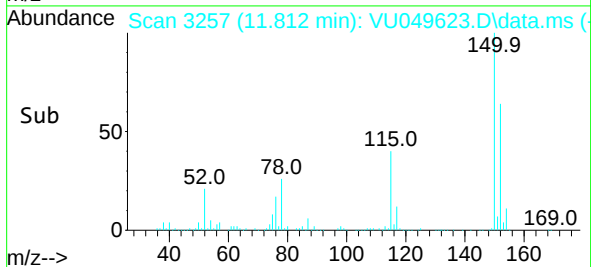
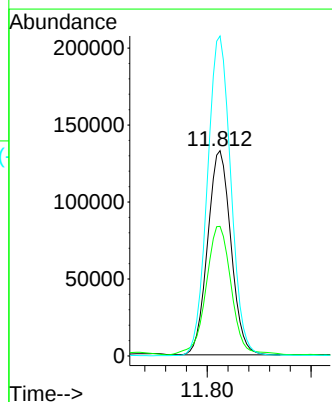
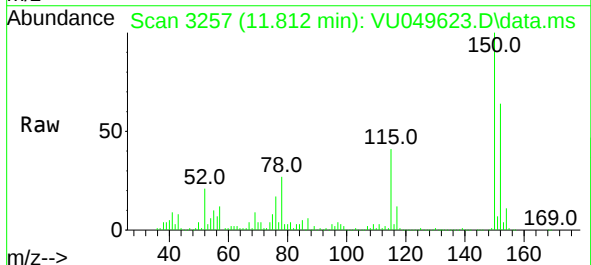
Instrument :
MSVOA_U
ClientSampleId :
WC-14B-11-3

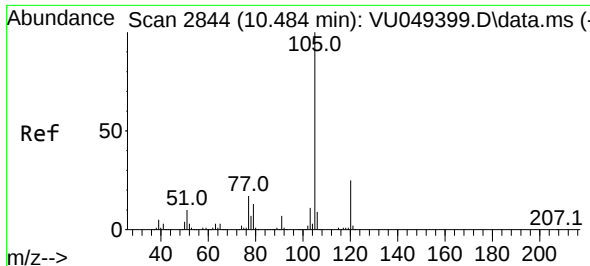
Tgt Ion:117 Resp: 425632
Ion Ratio Lower Upper
117 100
82 57.1 41.7 62.5
119 32.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU049623.D
Acq: 05 Jul 2022 17:10

Tgt Ion:152 Resp: 206701
Ion Ratio Lower Upper
152 100
115 68.3 37.0 110.9
150 158.0 0.0 342.2

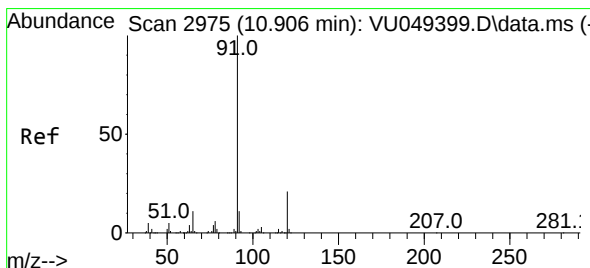
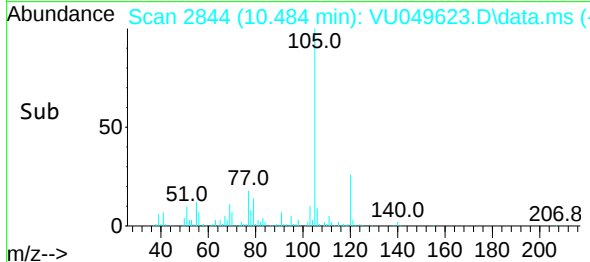
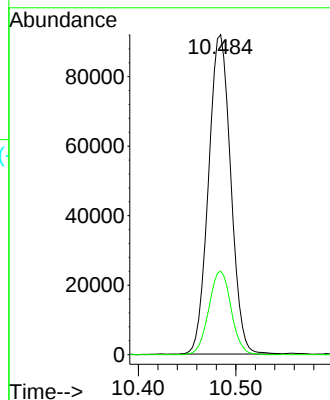
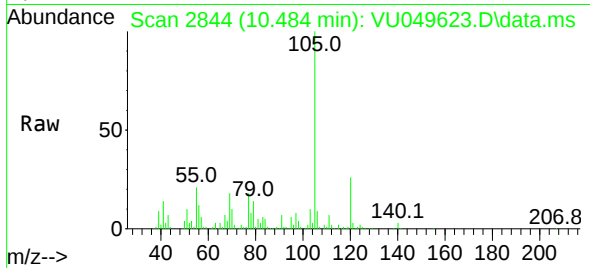




#73
Isopropylbenzene
Concen: 9.900 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU049623.D
Acq: 05 Jul 2022 17:10

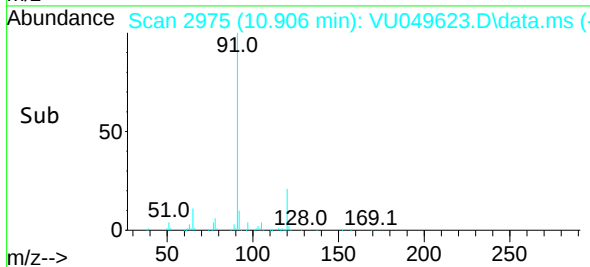
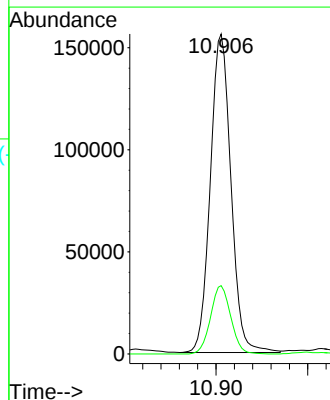
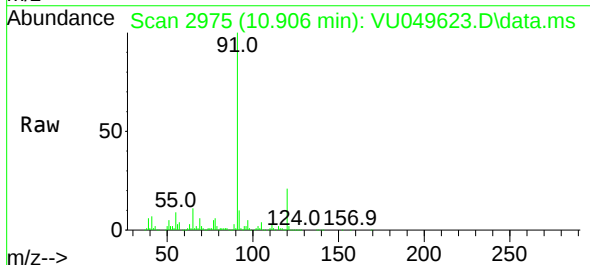
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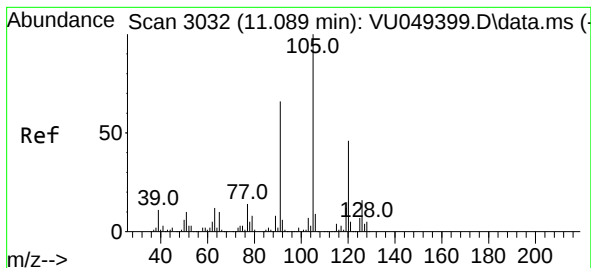
Tgt Ion:105 Resp: 145776
Ion Ratio Lower Upper
105 100
120 26.3 13.8 41.4



#78
n-propylbenzene
Concen: 13.622 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU049623.D
Acq: 05 Jul 2022 17:10

Tgt Ion: 91 Resp: 243719
Ion Ratio Lower Upper
91 100
120 21.0 11.9 35.5





#80

1,3,5-Trimethylbenzene

Concen: 1.307 ug/l

RT: 11.086 min Scan# 3032

Delta R.T. -0.003 min

Lab File: VU049623.D

Acq: 05 Jul 2022 17:10

Instrument :

MSVOA_U

ClientSampleId :

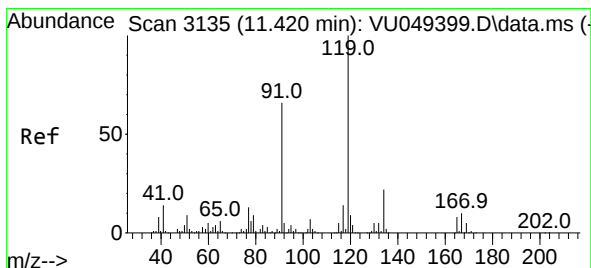
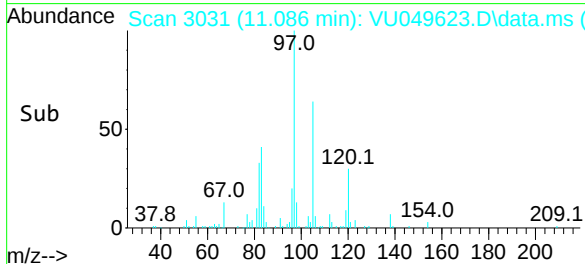
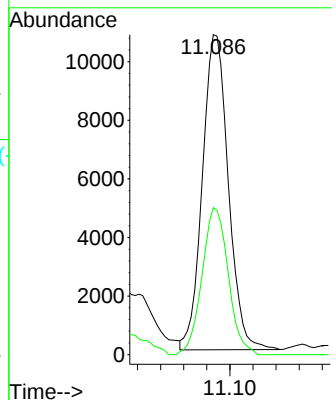
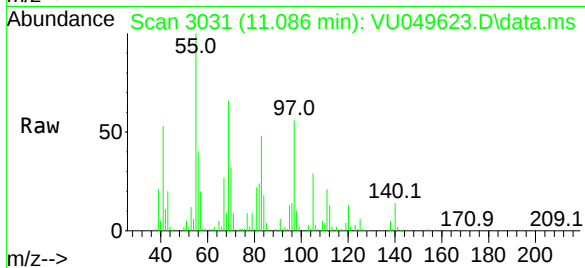
WC-14B-11-3

Tgt Ion:105 Resp: 16796

Ion Ratio Lower Upper

105 100

120 47.0 25.3 75.9



#83

tert-Butylbenzene

Concen: 1.377 ug/l

RT: 11.420 min Scan# 3135

Delta R.T. 0.000 min

Lab File: VU049623.D

Acq: 05 Jul 2022 17:10

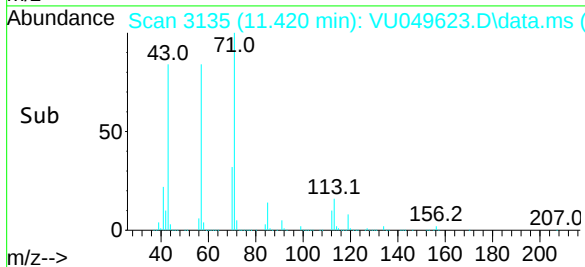
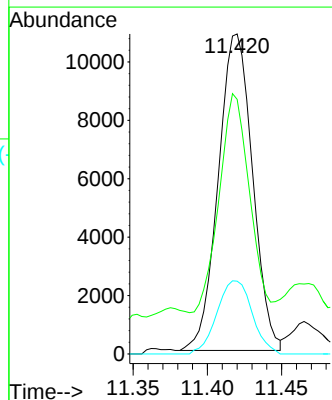
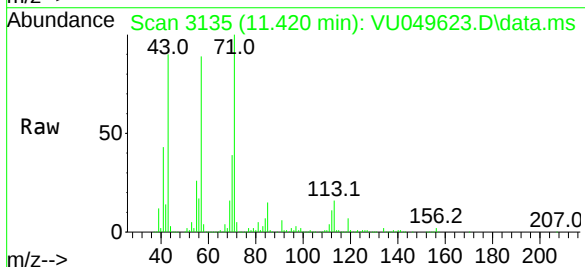
Tgt Ion:119 Resp: 17412

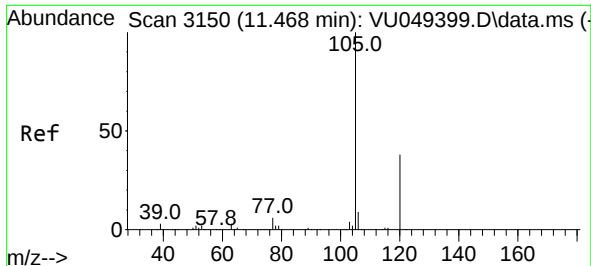
Ion Ratio Lower Upper

119 100

91 60.9 26.8 80.3

134 23.7 11.5 34.5

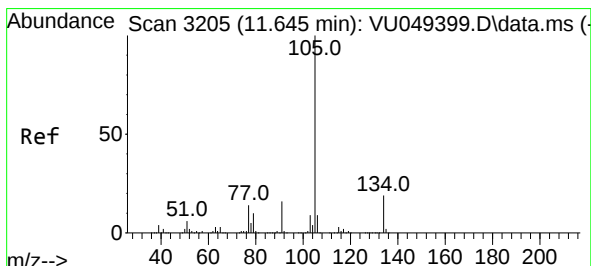
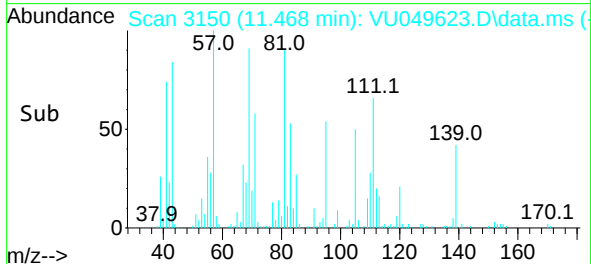
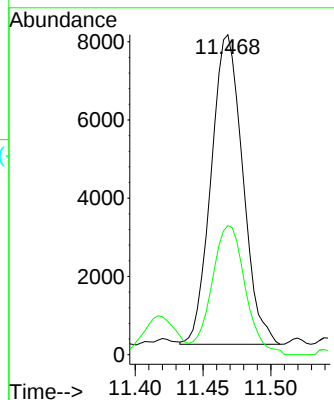
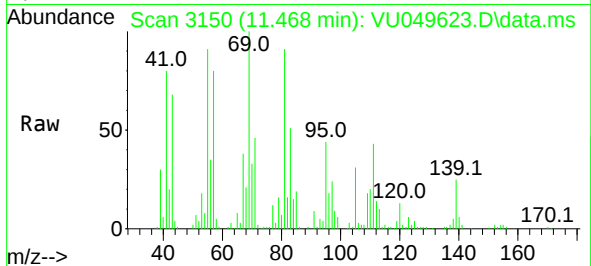




#84
1,2,4-Trimethylbenzene
Concen: 1.015 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU049623.D
Acq: 05 Jul 2022 17:10

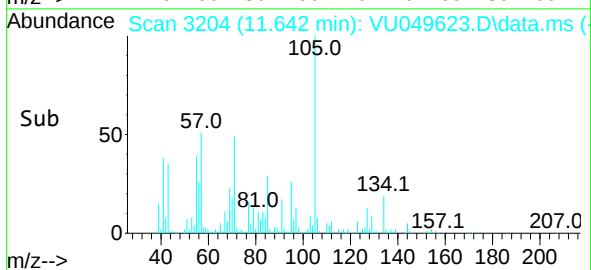
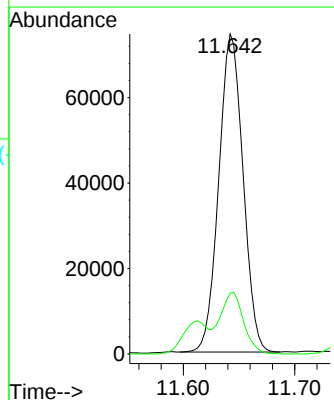
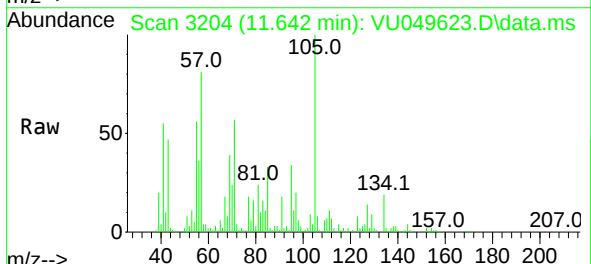
Instrument :
MSVOA_U
ClientSampleId :
WC-14B-11-3

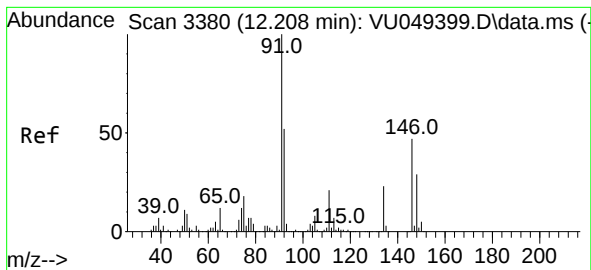
Tgt Ion:105 Resp: 12812
Ion Ratio Lower Upper
105 100
120 44.2 23.4 70.3



#85
sec-Butylbenzene
Concen: 7.083 ug/l
RT: 11.642 min Scan# 3204
Delta R.T. -0.003 min
Lab File: VU049623.D
Acq: 05 Jul 2022 17:10

Tgt Ion:105 Resp: 112595
Ion Ratio Lower Upper
105 100
134 18.4 10.4 31.1





#89

n-Butylbenzene

Concen: 7.081 ug/l

RT: 12.208 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU049623.D

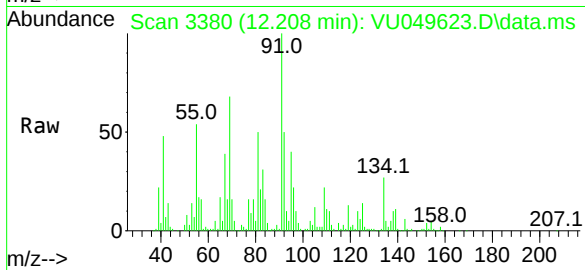
Acq: 05 Jul 2022 17:10

Instrument :

MSVOA_U

ClientSampleId :

WC-14B-11-3



Tgt Ion: 91	Resp:	84270	
Ion Ratio	Lower	Upper	
91	100		
92	43.8	26.2	78.6
134	45.1	13.5	40.4#

