

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062822\
 Data File : VU049454.D
 Acq On : 28 Jun 2022 13:36
 Operator : SY/MD
 Sample : N3454-08
 Misc : 5.23G/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WC-14A-1A-1

Quant Time: Jun 28 17:10:45 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

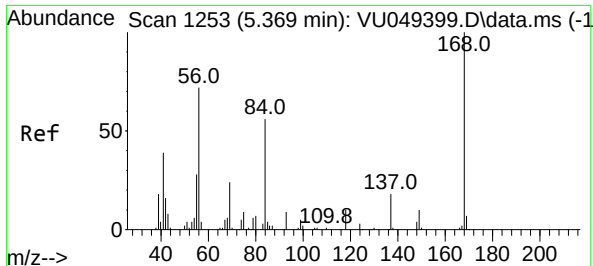
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.366	168	309538	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	543345	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	491903	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	228455	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	206160	43.247	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.500%
35) Dibromofluoromethane	5.289	113	165543	43.548	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.100%
50) Toluene-d8	7.896	98	684574	50.490	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.980%
62) 4-Bromofluorobenzene	10.642	95	267571	51.517	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.040%

Target Compounds					Qvalue	
31) Cyclohexane	5.372	56	866268	121.023	ug/l	91
39) Methylcyclohexane	6.755	83	2157567	326.565	ug/l	91
40) Benzene	5.768	78	25317	1.521	ug/l	93
52) Toluene	7.970	92	21087	2.132	ug/l	97
67) Ethyl Benzene	9.575	91	102150	5.533	ug/l	95
68) m/p-Xylenes	9.697	106	154983	22.688	ug/l	89
69) o-Xylene	10.105	106	140822	20.766	ug/l	87
73) Isopropylbenzene	10.488	105	590557	36.288	ug/l	96
78) n-propylbenzene	10.909	91	686067	34.694	ug/l	95
80) 1,3,5-Trimethylbenzene	11.092	105	634930	44.689	ug/l	94
83) tert-Butylbenzene	11.423	119	50103	3.585	ug/l	87
84) 1,2,4-Trimethylbenzene	11.472	105	2263939	162.201	ug/l	94
85) sec-Butylbenzene	11.648	105	481864	27.426	ug/l	95
86) p-Isopropyltoluene	11.796	119	208627	14.683	ug/l	95
89) n-Butylbenzene	12.211	91	391128	29.737	ug/l #	60
91) 1,2-Dichlorobenzene	12.217	146	6613m	0.867	ug/l	
95) Naphthalene	14.086	128	602672	34.262	ug/l #	94

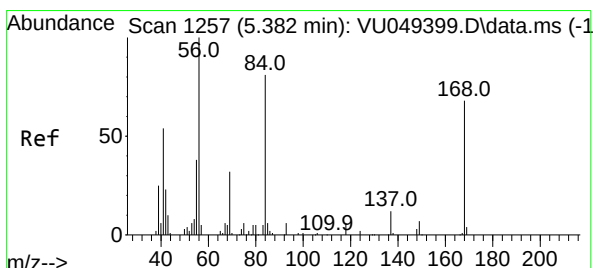
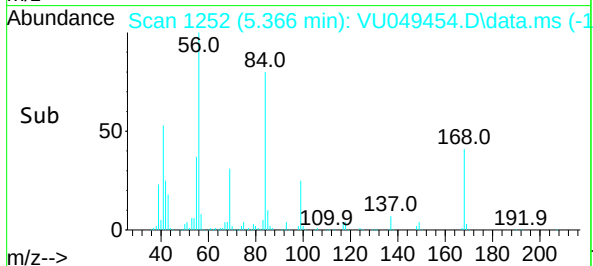
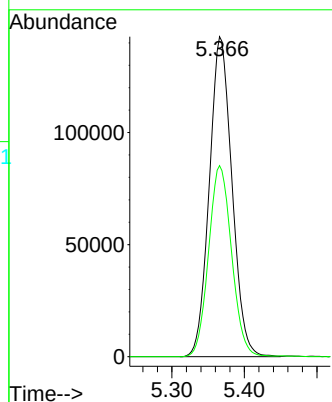
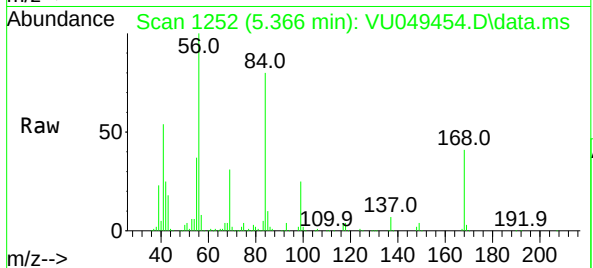
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.366 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU049454.D
Acq: 28 Jun 2022 13:36

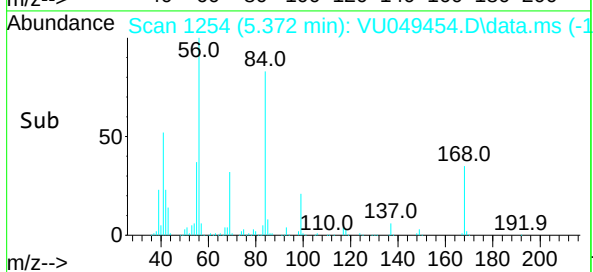
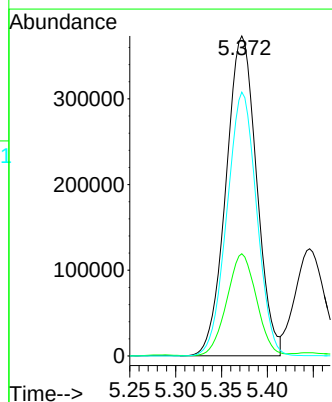
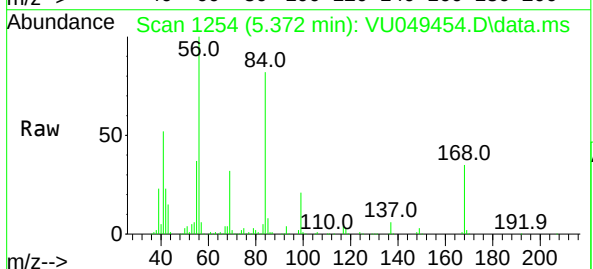
Instrument :
MSVOA_U
ClientSampleId :
WC-14A-1A-1

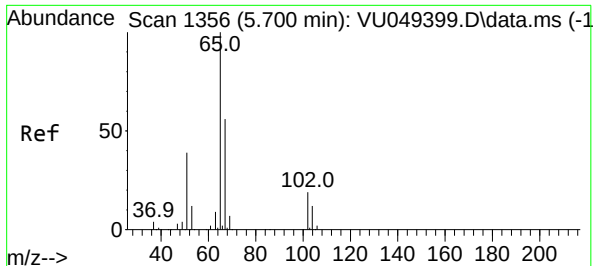
Tgt Ion:168 Resp: 309538
Ion Ratio Lower Upper
168 100
99 59.7 39.3 58.9#



#31
Cyclohexane
Concen: 121.023 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.010 min
Lab File: VU049454.D
Acq: 28 Jun 2022 13:36

Tgt Ion: 56 Resp: 866268
Ion Ratio Lower Upper
56 100
69 31.8 27.8 41.8
84 82.5 74.2 111.4





#33

1,2-Dichloroethane-d4

Concen: 43.247 ug/l

RT: 5.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049454.D

Acq: 28 Jun 2022 13:36

Instrument :

MSVOA_U

ClientSampleId :

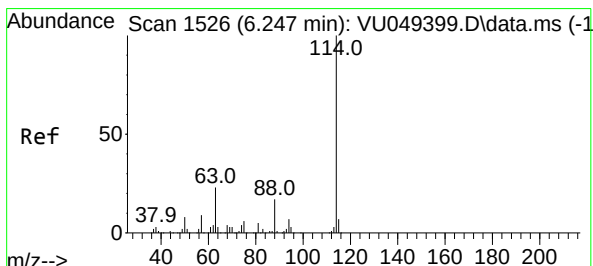
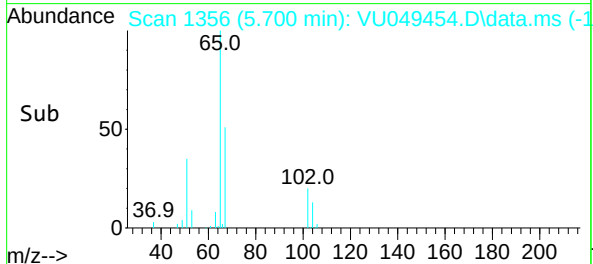
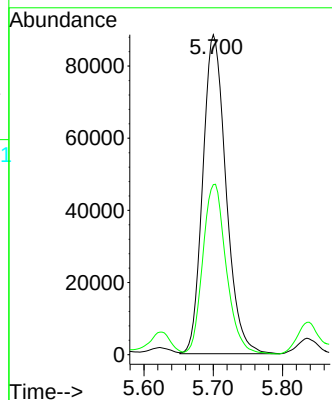
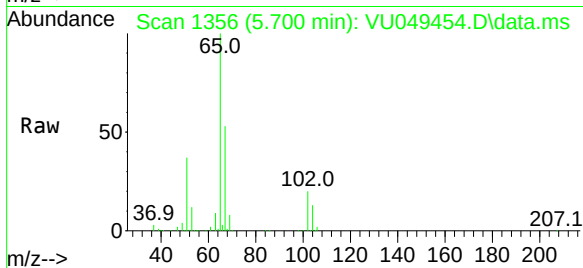
WC-14A-1A-1

Tgt Ion: 65 Resp: 206160

Ion Ratio Lower Upper

65 100

67 53.6 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: VU049454.D

Acq: 28 Jun 2022 13:36

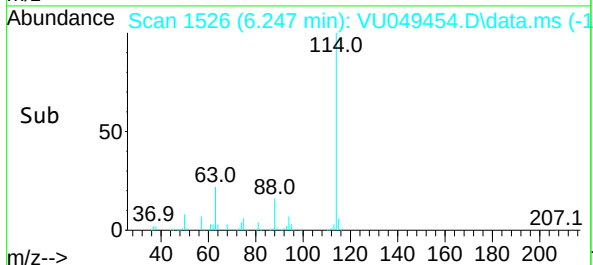
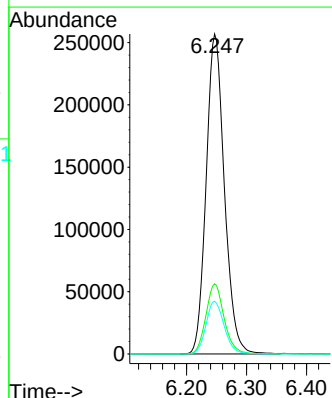
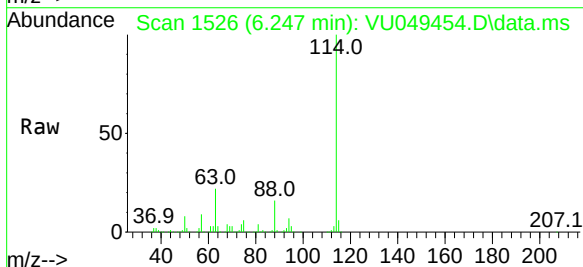
Tgt Ion: 114 Resp: 543345

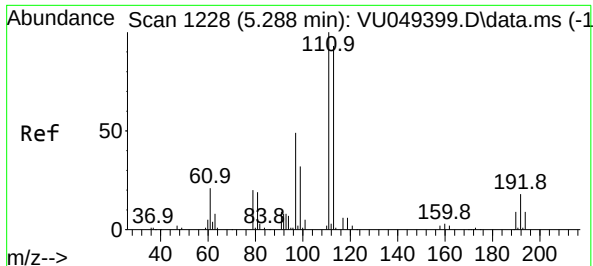
Ion Ratio Lower Upper

114 100

63 22.0 0.0 37.8

88 16.5 0.0 29.2

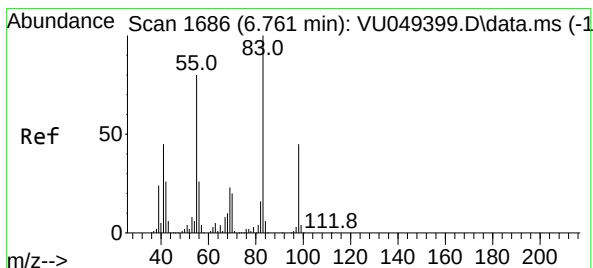
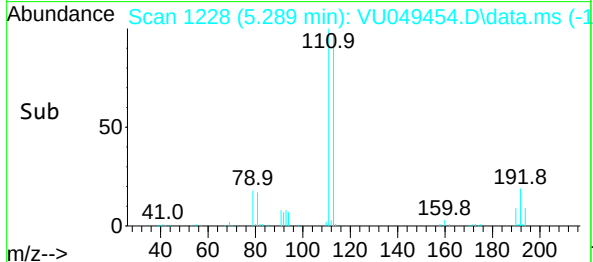
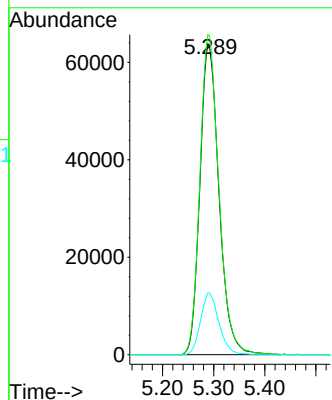
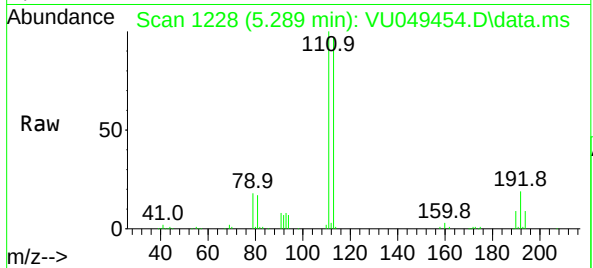




#35
Dibromofluoromethane
Concen: 43.548 ug/l
RT: 5.289 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049454.D
Acq: 28 Jun 2022 13:36

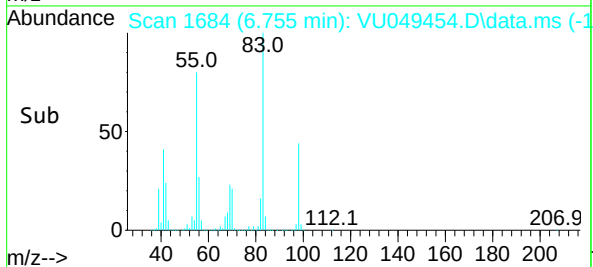
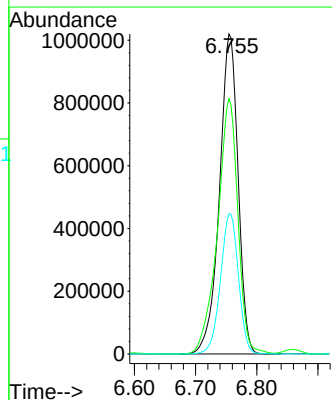
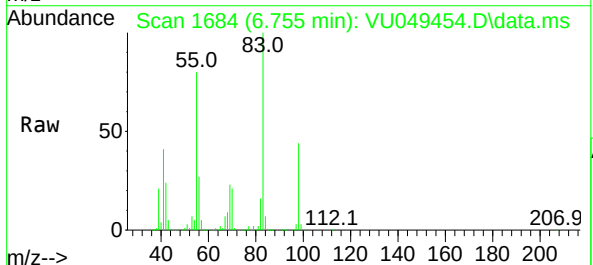
Instrument :
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ClientSampleId :
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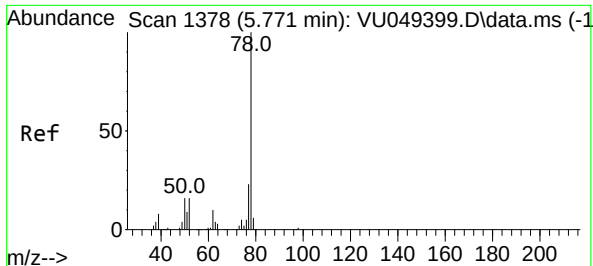
Tgt Ion:113 Resp: 165543
Ion Ratio Lower Upper
113 100
111 102.6 82.1 123.1
192 19.1 18.0 27.0



#39
Methylcyclohexane
Concen: 326.565 ug/l
RT: 6.755 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VU049454.D
Acq: 28 Jun 2022 13:36

Tgt Ion: 83 Resp: 2157567
Ion Ratio Lower Upper
83 100
55 79.7 55.3 82.9
98 43.8 37.3 55.9





#40

Benzene

Concen: 1.521 ug/l

RT: 5.768 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU049454.D

Acq: 28 Jun 2022 13:36

Instrument :

MSVOA_U

ClientSampleId :

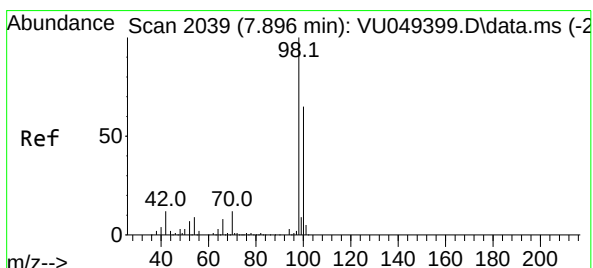
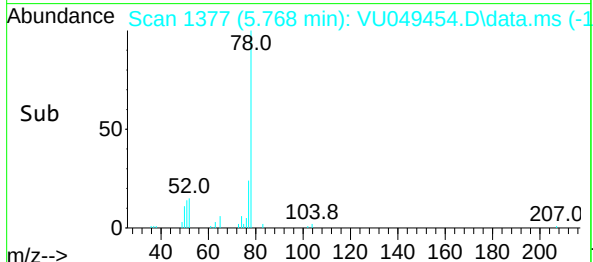
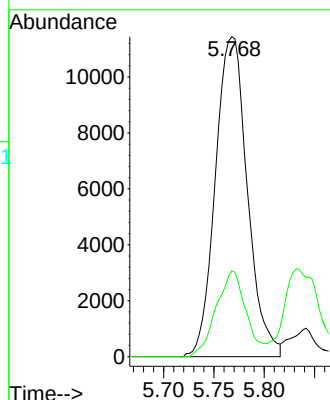
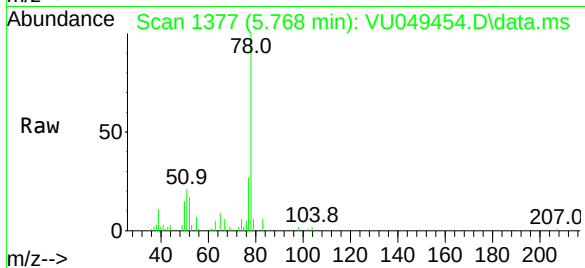
WC-14A-1A-1

Tgt Ion: 78 Resp: 25317

Ion Ratio Lower Upper

78 100

77 26.9 18.8 28.2



#50

Toluene-d8

Concen: 50.490 ug/l

RT: 7.896 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VU049454.D

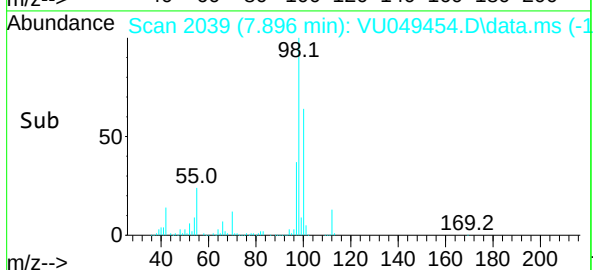
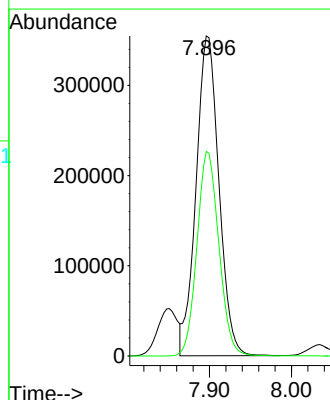
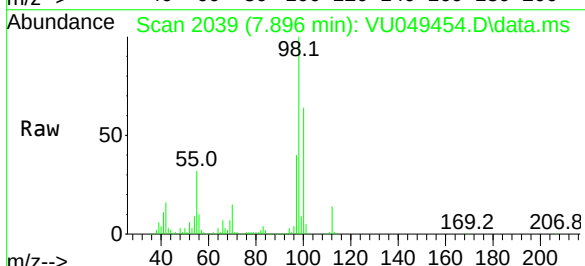
Acq: 28 Jun 2022 13:36

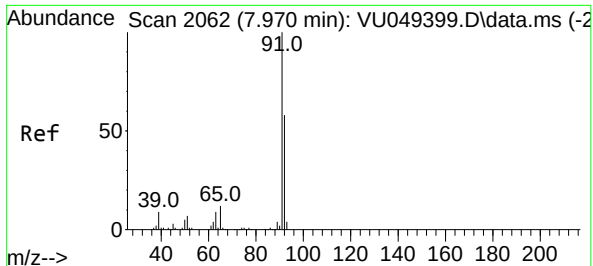
Tgt Ion: 98 Resp: 684574

Ion Ratio Lower Upper

98 100

100 61.4 51.7 77.5

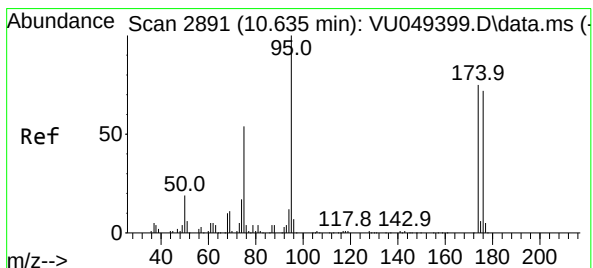
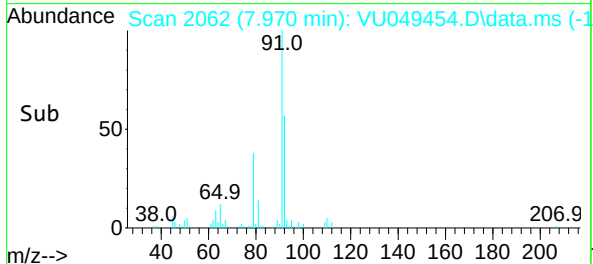
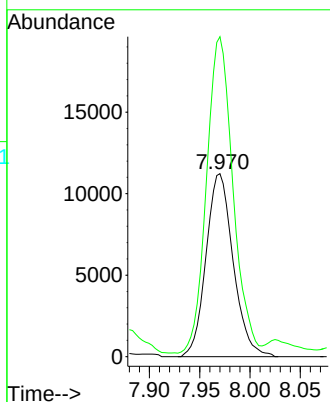
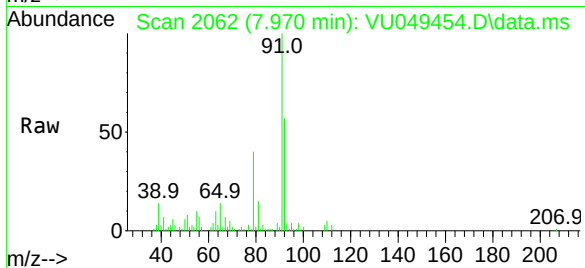




#52
Toluene
Concen: 2.132 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU049454.D
Acq: 28 Jun 2022 13:36

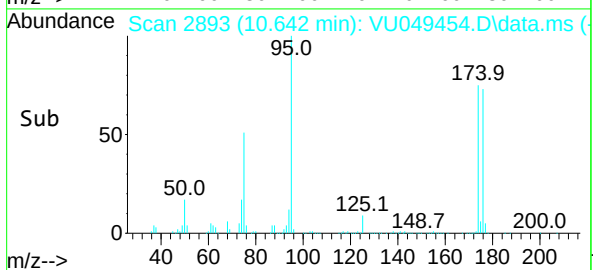
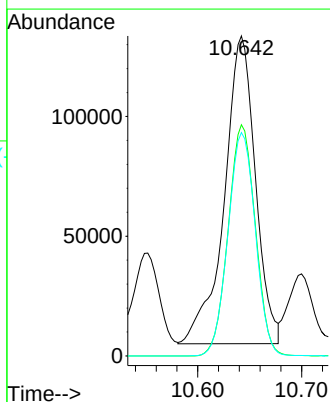
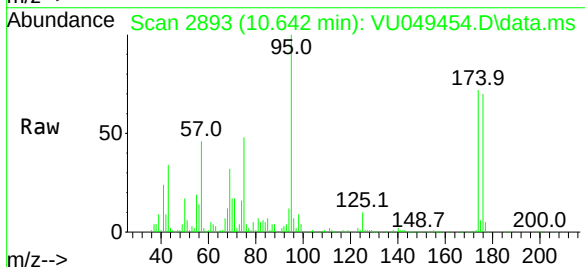
Instrument :
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ClientSampleId :
WC-14A-1A-1

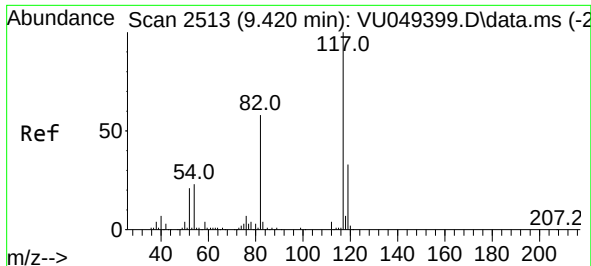
Tgt Ion: 92 Resp: 21087
Ion Ratio Lower Upper
92 100
91 168.0 138.2 207.4



#62
4-Bromofluorobenzene
Concen: 51.517 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.007 min
Lab File: VU049454.D
Acq: 28 Jun 2022 13:36

Tgt Ion: 95 Resp: 267571
Ion Ratio Lower Upper
95 100
174 65.6 0.0 182.0
176 63.8 0.0 177.8

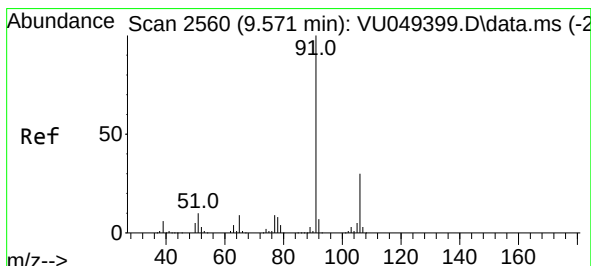
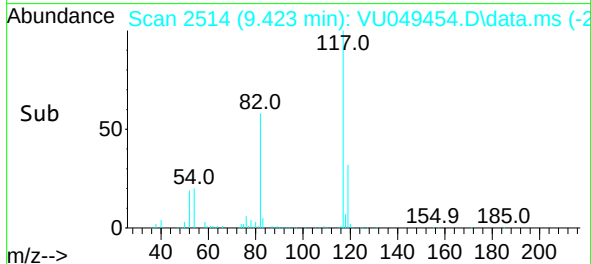
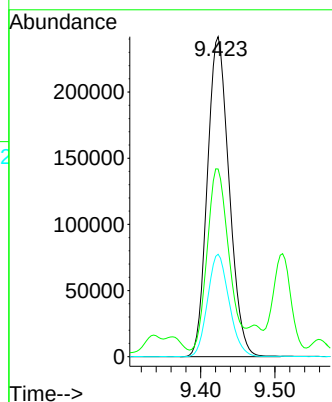
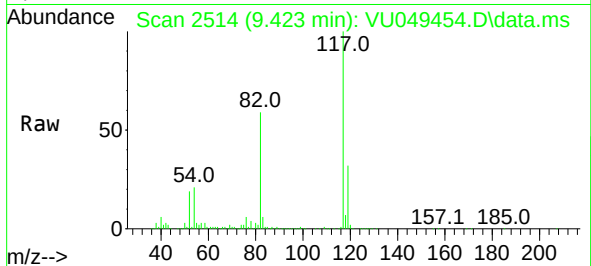




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.423 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU049454.D
Acq: 28 Jun 2022 13:36

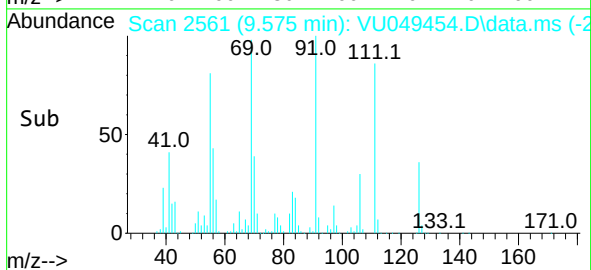
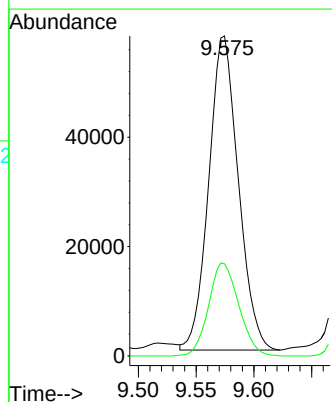
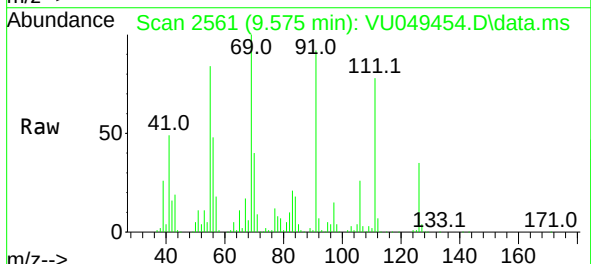
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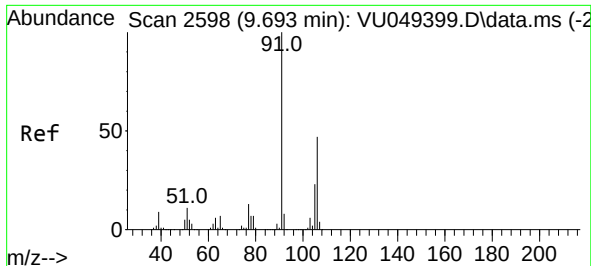
Tgt Ion: 117 Resp: 491903
Ion Ratio Lower Upper
117 100
82 54.1 41.7 62.5
119 32.0 25.7 38.5



#67
Ethyl Benzene
Concen: 5.533 ug/l
RT: 9.575 min Scan# 2561
Delta R.T. 0.003 min
Lab File: VU049454.D
Acq: 28 Jun 2022 13:36

Tgt Ion: 91 Resp: 102150
Ion Ratio Lower Upper
91 100
106 29.4 25.6 38.4

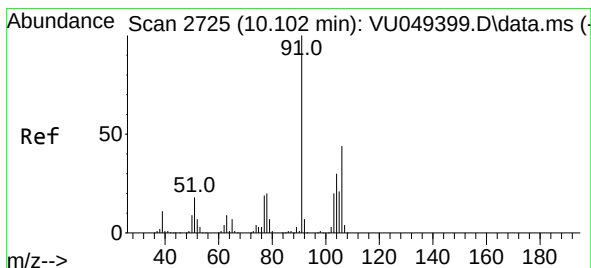
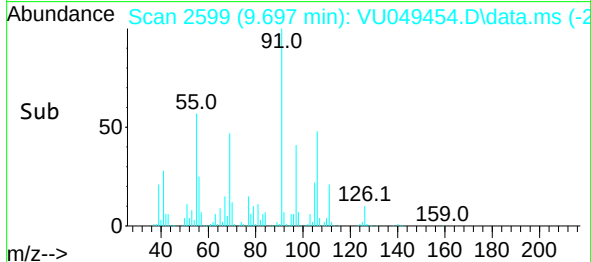
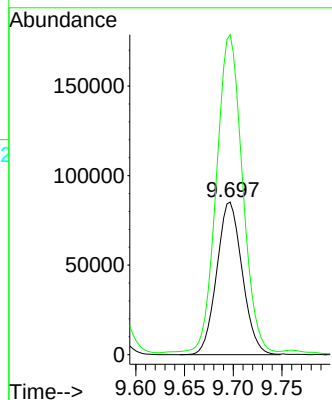
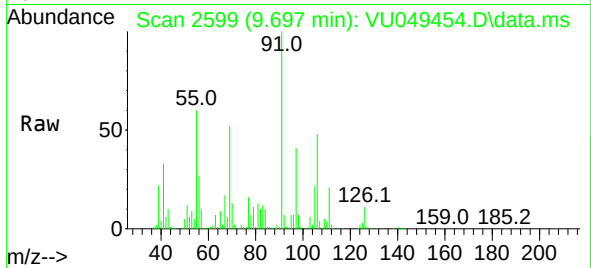




#68
m/p-Xylenes
Concen: 22.688 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU049454.D
Acq: 28 Jun 2022 13:36

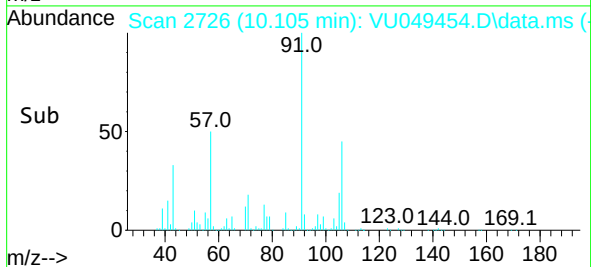
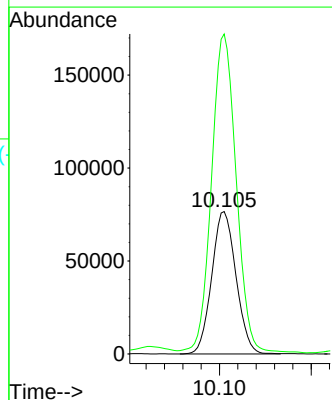
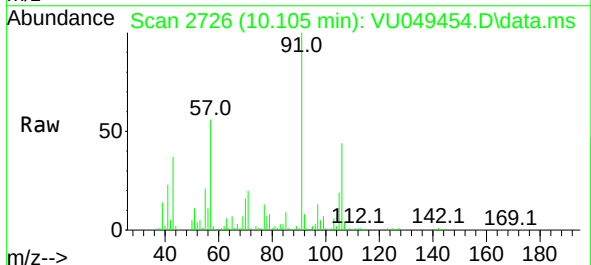
Instrument :
MSVOA_U
ClientSampleId :
WC-14A-1A-1

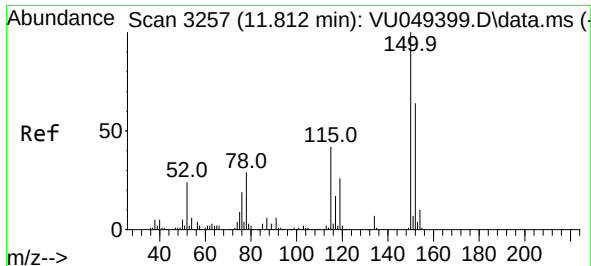
Tgt Ion:106 Resp: 154983
Ion Ratio Lower Upper
106 100
91 213.2 157.2 235.8



#69
o-Xylene
Concen: 20.766 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. 0.003 min
Lab File: VU049454.D
Acq: 28 Jun 2022 13:36

Tgt Ion:106 Resp: 140822
Ion Ratio Lower Upper
106 100
91 227.8 103.5 310.5

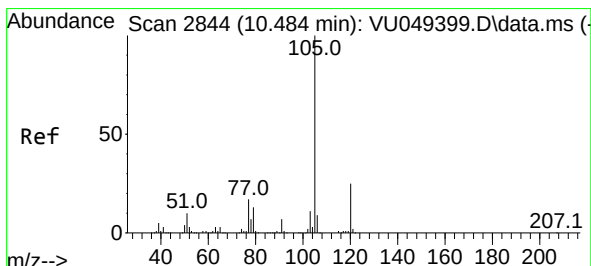
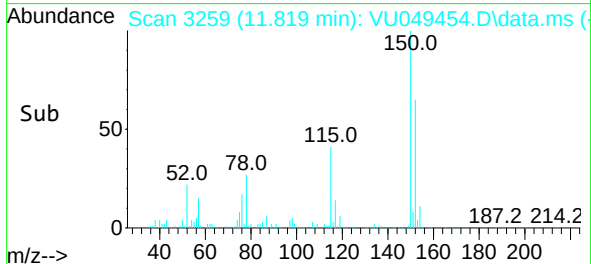
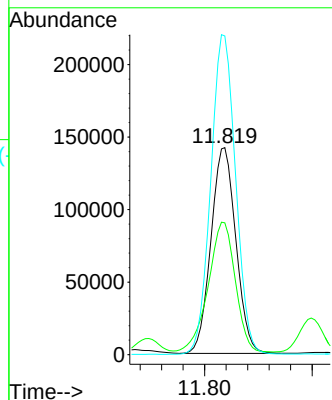
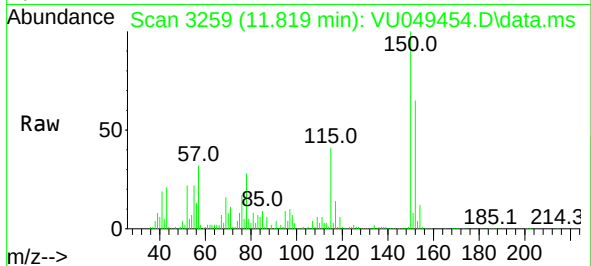




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.819 min Scan# 31
 Delta R.T. 0.007 min
 Lab File: VU049454.D
 Acq: 28 Jun 2022 13:36

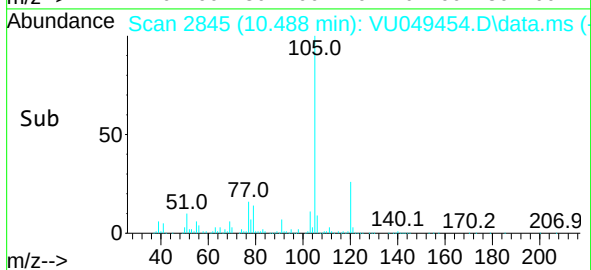
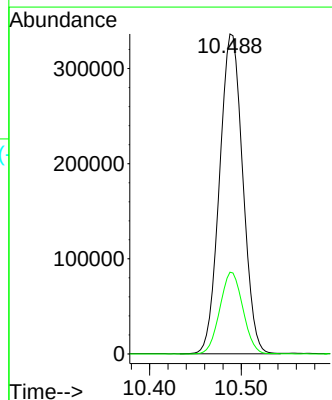
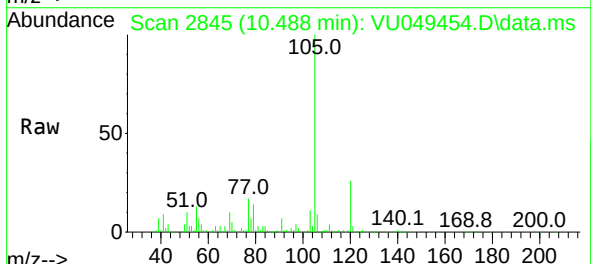
Instrument :
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 ClientSampleId :
 WC-14A-1A-1

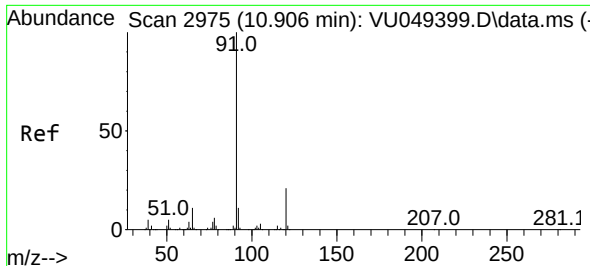
Tgt Ion:152 Resp: 228455
 Ion Ratio Lower Upper
 152 100
 115 70.2 37.0 110.9
 150 155.1 0.0 342.2



#73
 Isopropylbenzene
 Concen: 36.288 ug/l
 RT: 10.488 min Scan# 2845
 Delta R.T. 0.003 min
 Lab File: VU049454.D
 Acq: 28 Jun 2022 13:36

Tgt Ion:105 Resp: 590557
 Ion Ratio Lower Upper
 105 100
 120 25.4 13.8 41.4

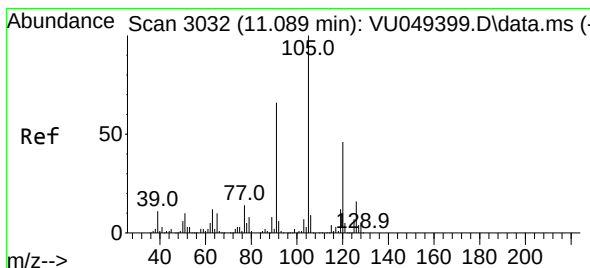
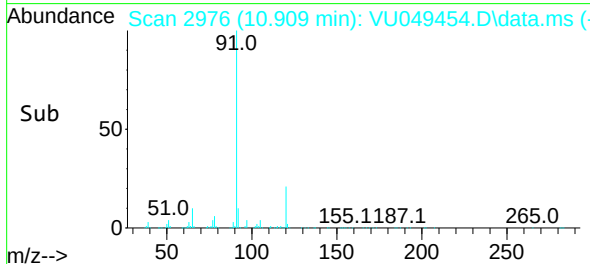
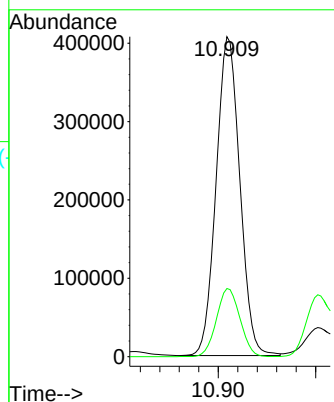
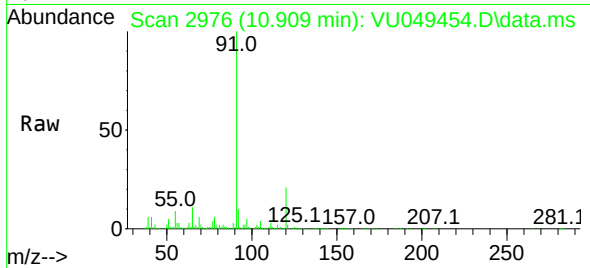




#78
 n-propylbenzene
 Concen: 34.694 ug/l
 RT: 10.909 min Scan# 2976
 Delta R.T. 0.003 min
 Lab File: VU049454.D
 Acq: 28 Jun 2022 13:36

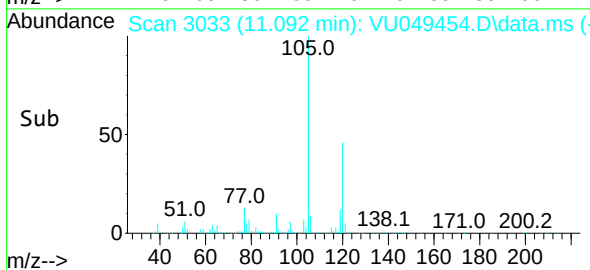
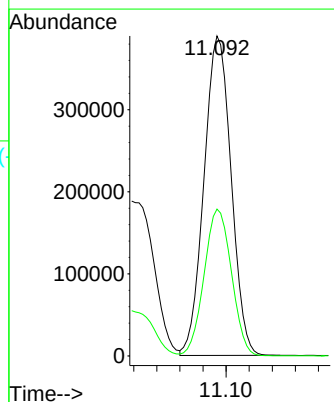
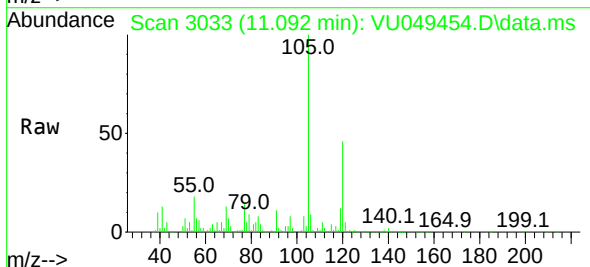
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 MSVOA_U
 ClientSampleId :
 WC-14A-1A-1

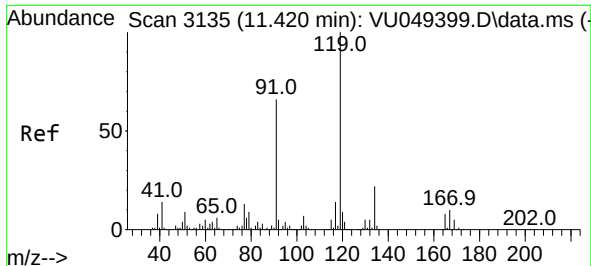
Tgt Ion: 91 Resp: 686067
 Ion Ratio Lower Upper
 91 100
 120 21.3 11.9 35.5



#80
 1,3,5-Trimethylbenzene
 Concen: 44.689 ug/l
 RT: 11.092 min Scan# 3033
 Delta R.T. 0.003 min
 Lab File: VU049454.D
 Acq: 28 Jun 2022 13:36

Tgt Ion: 105 Resp: 634930
 Ion Ratio Lower Upper
 105 100
 120 46.4 25.3 75.9

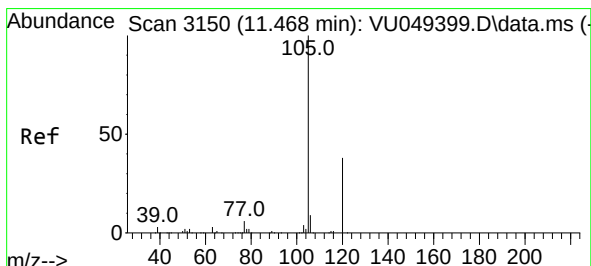
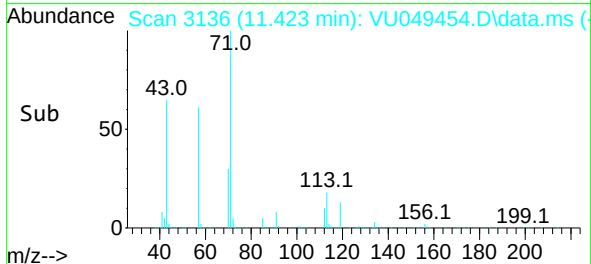
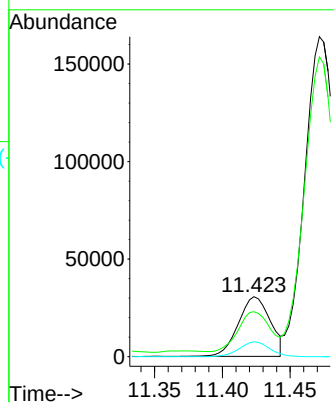
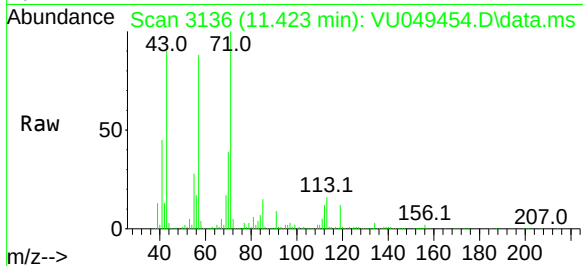




#83
 tert-Butylbenzene
 Concen: 3.585 ug/l
 RT: 11.423 min Scan# 3135
 Delta R.T. 0.003 min
 Lab File: VU049454.D
 Acq: 28 Jun 2022 13:36

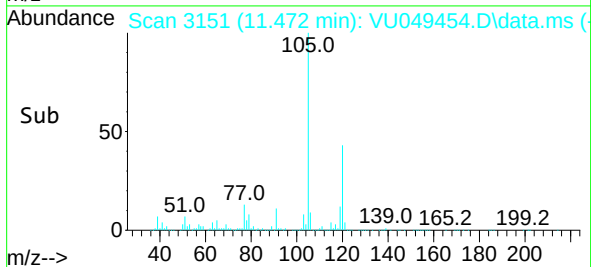
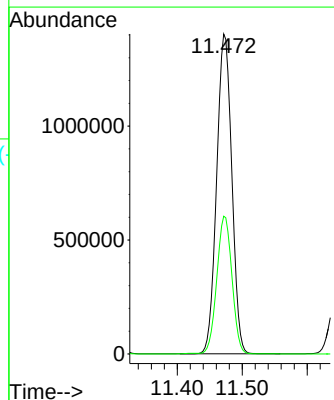
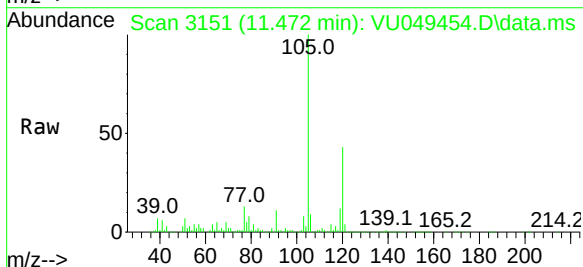
Instrument :
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 ClientSampleId :
 WC-14A-1A-1

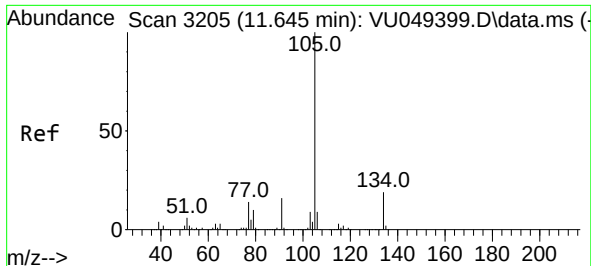
Tgt Ion:119 Resp: 50103
 Ion Ratio Lower Upper
 119 100
 91 66.6 26.8 80.3
 134 23.8 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 162.201 ug/l
 RT: 11.472 min Scan# 3151
 Delta R.T. 0.003 min
 Lab File: VU049454.D
 Acq: 28 Jun 2022 13:36

Tgt Ion:105 Resp: 2263939
 Ion Ratio Lower Upper
 105 100
 120 43.0 23.4 70.3

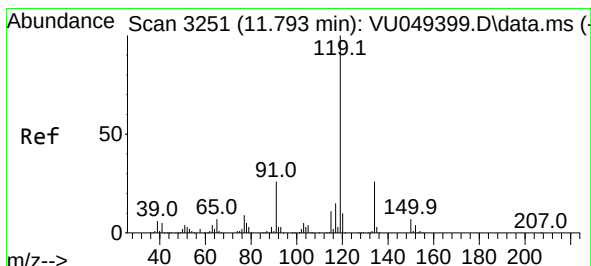
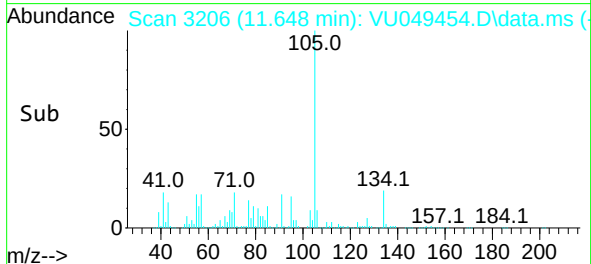
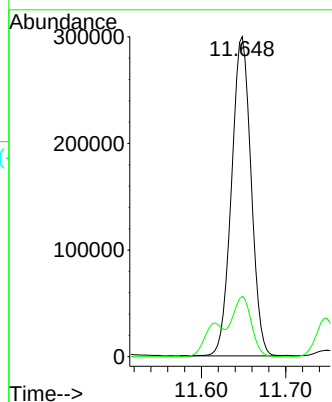
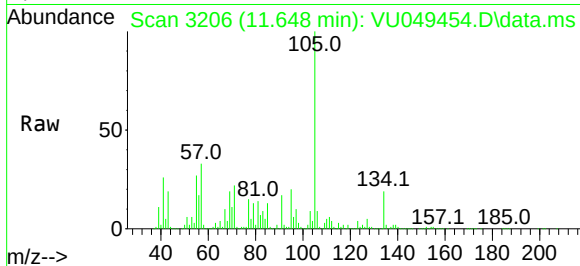




#85
 sec-Butylbenzene
 Concen: 27.426 ug/l
 RT: 11.648 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU049454.D
 Acq: 28 Jun 2022 13:36

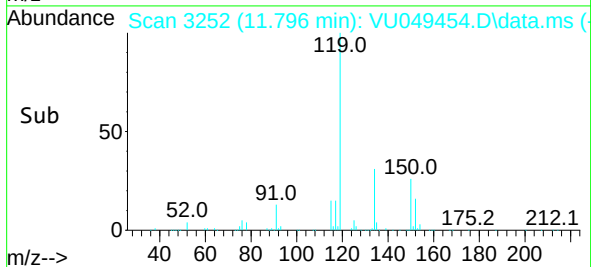
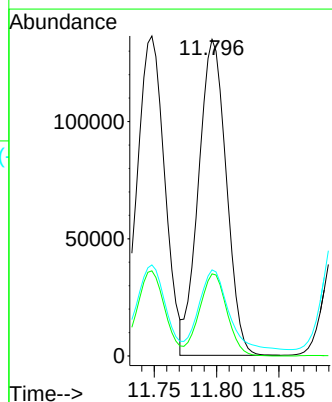
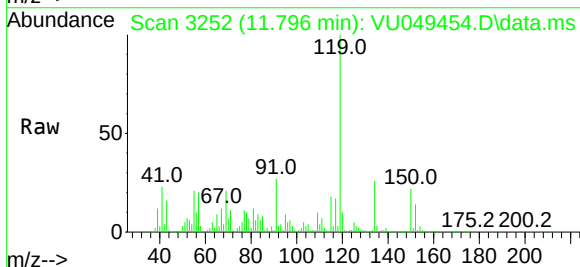
Instrument :
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 ClientSampleId :
 WC-14A-1A-1

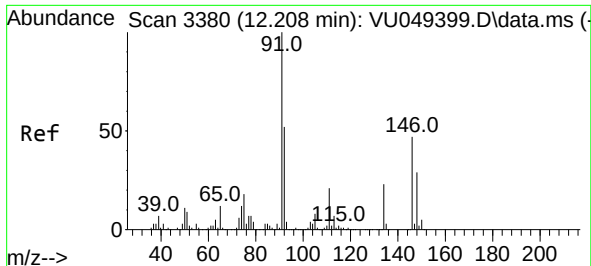
Tgt Ion:105 Resp: 481864
 Ion Ratio Lower Upper
 105 100
 134 18.4 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 14.683 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.003 min
 Lab File: VU049454.D
 Acq: 28 Jun 2022 13:36

Tgt Ion:119 Resp: 208627
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.5 40.4
 91 26.1 11.2 33.5

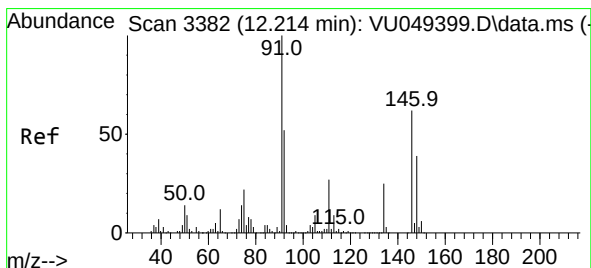
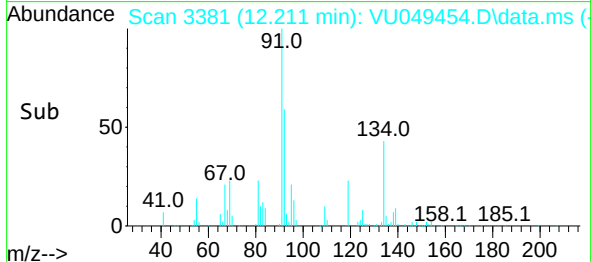
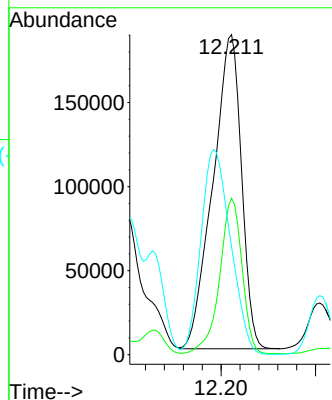
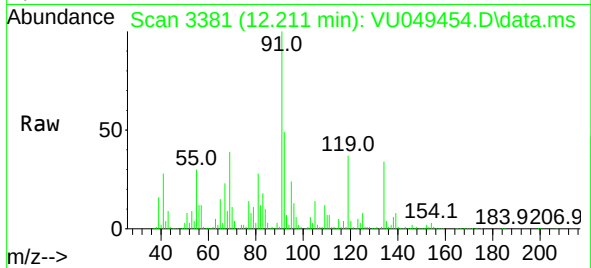




#89
n-Butylbenzene
Concen: 29.737 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU049454.D
Acq: 28 Jun 2022 13:36

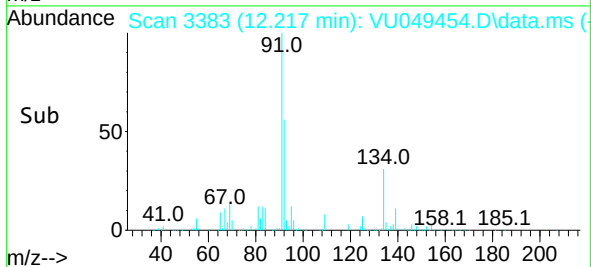
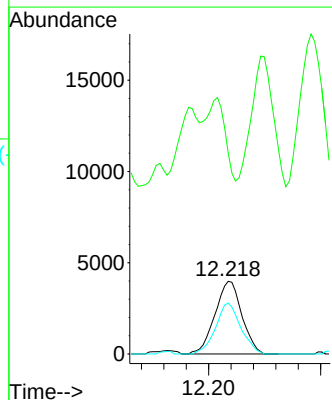
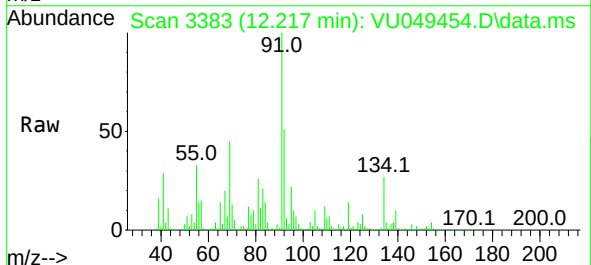
Instrument :
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ClientSampleId :
WC-14A-1A-1

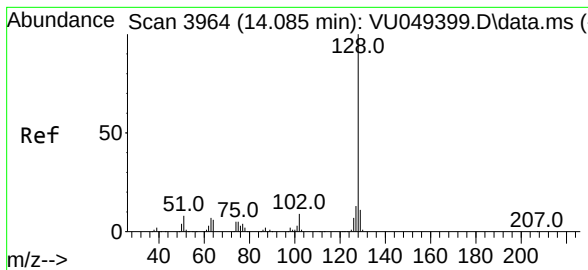
Tgt Ion: 91 Resp: 391128
Ion Ratio Lower Upper
91 100
92 38.9 26.2 78.6
134 68.0 13.5 40.4#



#91
1,2-Dichlorobenzene
Concen: 0.867 ug/l m
RT: 12.217 min Scan# 3383
Delta R.T. 0.003 min
Lab File: VU049454.D
Acq: 28 Jun 2022 13:36

Tgt Ion:146 Resp: 6613
Ion Ratio Lower Upper
146 100
111 0.0 19.9 59.6#
148 0.0 32.1 96.5#





#95
 Naphthalene
 Concen: 34.262 ug/l
 RT: 14.086 min Scan# 3964
 Delta R.T. 0.000 min
 Lab File: VU049454.D
 Acq: 28 Jun 2022 13:36

Instrument :
 MSVOA_U
 ClientSampleId :
 WC-14A-1A-1

Tgt Ion:128 Resp: 602672
 Ion Ratio Lower Upper
 128 100
 127 14.9 10.3 15.5
 129 13.7 8.6 13.0#

