

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070522\
 Data File : VU049620.D
 Acq On : 05 Jul 2022 15:59
 Operator : SY/MD
 Sample : N3564-26 10X
 Misc : 5.25g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WC-16-2-4

Quant Time: Jul 06 07:48:29 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)

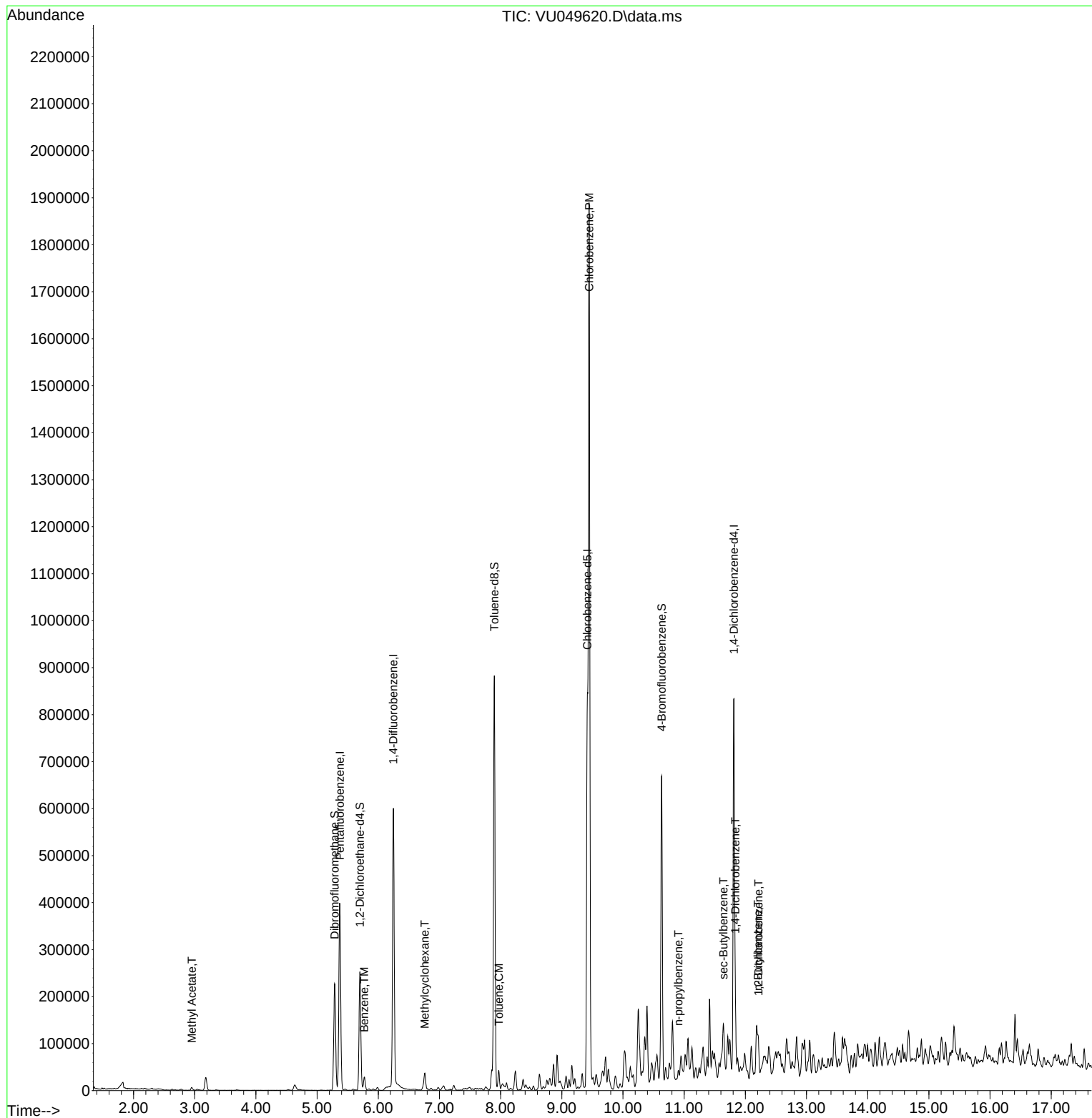
Internal Standards						
1) Pentafluorobenzene	5.372	168	271663	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	476270	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	433155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.813	152	207713	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	184144	44.014	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.020%
35) Dibromofluoromethane	5.286	113	148699	44.626	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.260%
50) Toluene-d8	7.896	98	570851	48.032	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.060%
62) 4-Bromofluorobenzene	10.633	95	212051	46.577	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.160%
Target Compounds						
					Qvalue	
18) Methyl Acetate	2.951	43	8082	1.415	ug/l	89
39) Methylcyclohexane	6.758	83	16197	2.797	ug/l	90
40) Benzene	5.771	78	26404	1.810	ug/l	95
52) Toluene	7.970	92	16679	1.924	ug/l	98
65) Chlorobenzene	9.446	112	962947	108.742	ug/l	98
78) n-propylbenzene	10.906	91	18480	1.028	ug/l	93
85) sec-Butylbenzene	11.642	105	18840	1.179	ug/l	94
88) 1,4-Dichlorobenzene	11.835	146	36332	5.235	ug/l	86
89) n-Butylbenzene	12.208	91	15659	1.309	ug/l	# 74
91) 1,2-Dichlorobenzene	12.214	146	9722	1.401	ug/l	# 86

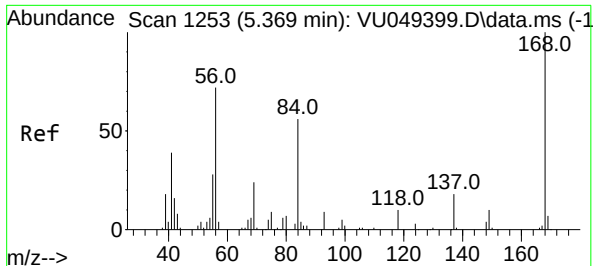
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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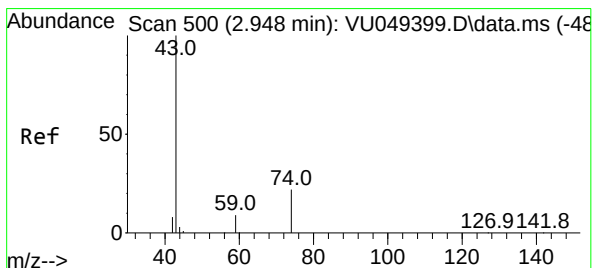
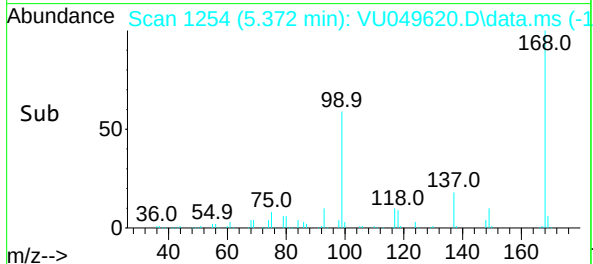
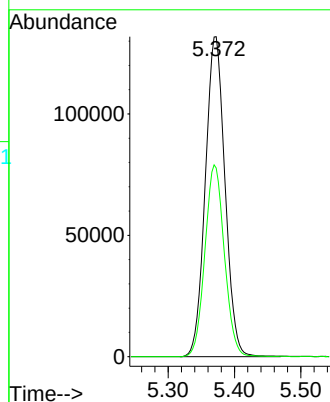
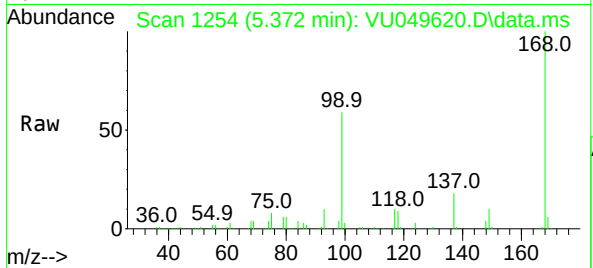




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049620.D
Acq: 05 Jul 2022 15:59

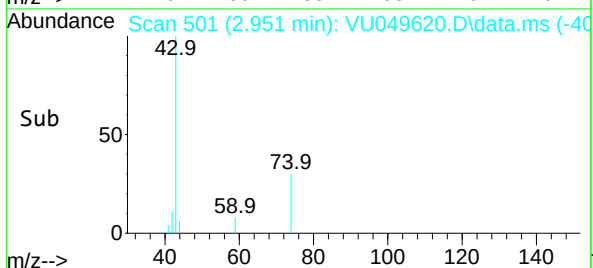
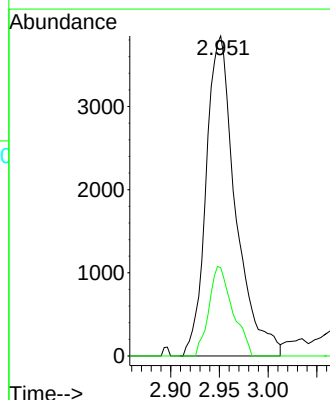
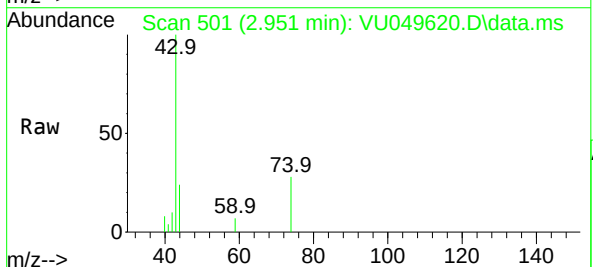
Instrument :
MSVOA_U
ClientSampleId :
WC-16-2-4

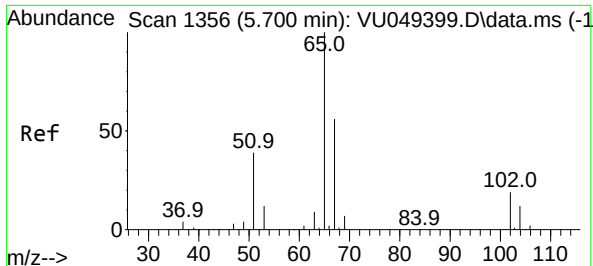
Tgt Ion:168 Resp: 271663
Ion Ratio Lower Upper
168 100
99 59.0 39.3 58.9#



#18
Methyl Acetate
Concen: 1.415 ug/l
RT: 2.951 min Scan# 501
Delta R.T. 0.004 min
Lab File: VU049620.D
Acq: 05 Jul 2022 15:59

Tgt Ion: 43 Resp: 8082
Ion Ratio Lower Upper
43 100
74 22.5 22.5 33.7





#33

1,2-Dichloroethane-d4

Concen: 44.014 ug/l

RT: 5.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049620.D

Acq: 05 Jul 2022 15:59

Instrument :

MSVOA_U

ClientSampleId :

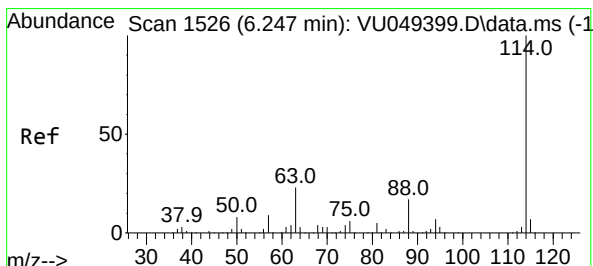
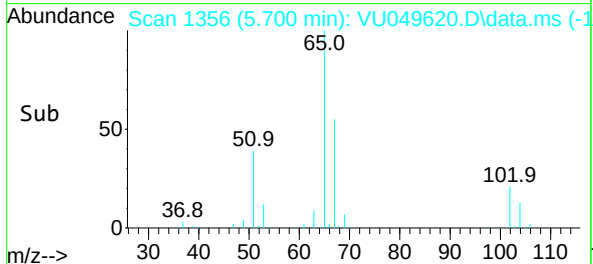
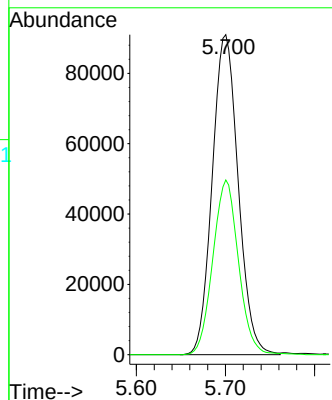
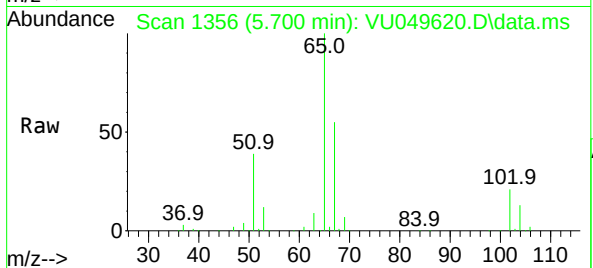
WC-16-2-4

Tgt Ion: 65 Resp: 184144

Ion Ratio Lower Upper

65 100

67 53.9 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: VU049620.D

Acq: 05 Jul 2022 15:59

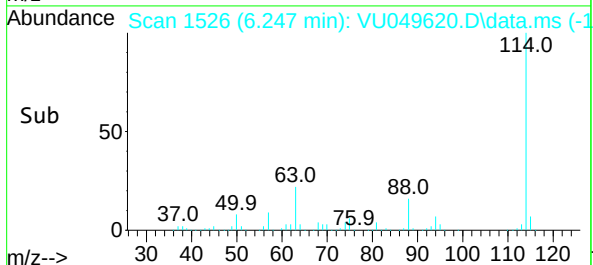
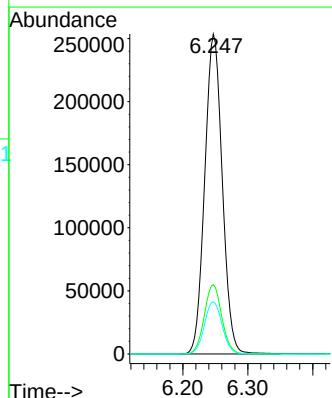
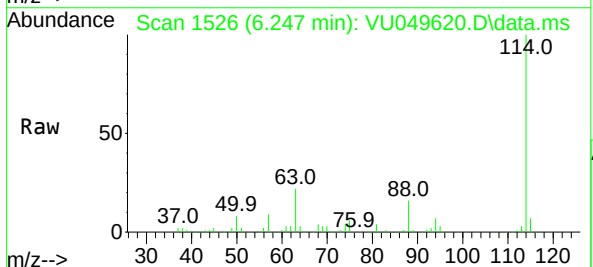
Tgt Ion: 114 Resp: 476270

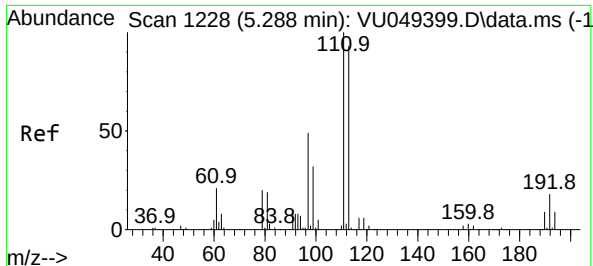
Ion Ratio Lower Upper

114 100

63 21.7 0.0 37.8

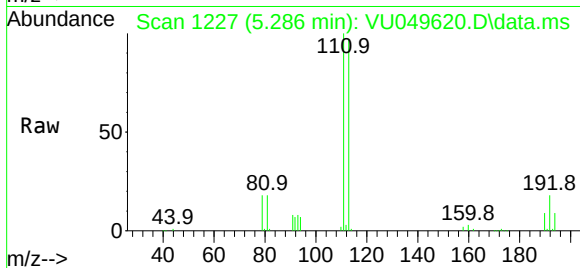
88 16.3 0.0 29.2



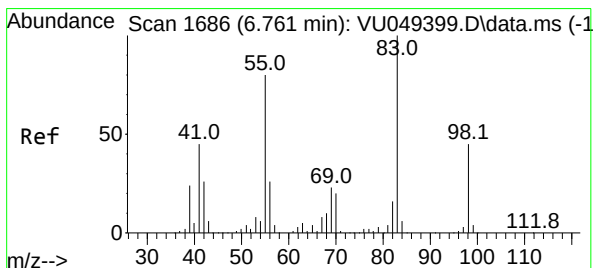
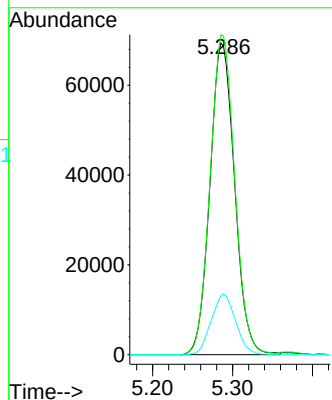
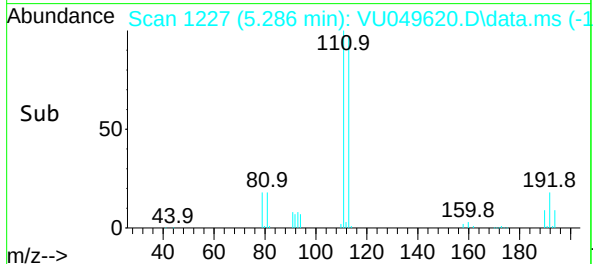


#35
Dibromofluoromethane
Concen: 44.626 ug/l
RT: 5.286 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU049620.D
Acq: 05 Jul 2022 15:59

Instrument :
MSVOA_U
ClientSampleId :
WC-16-2-4

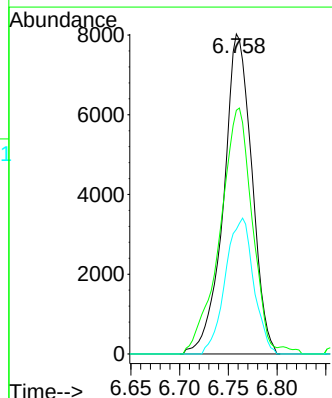
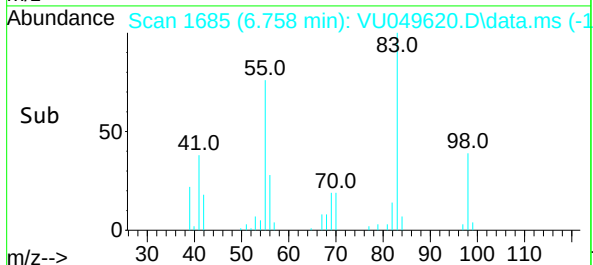
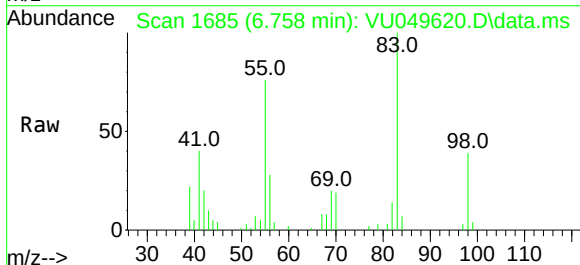


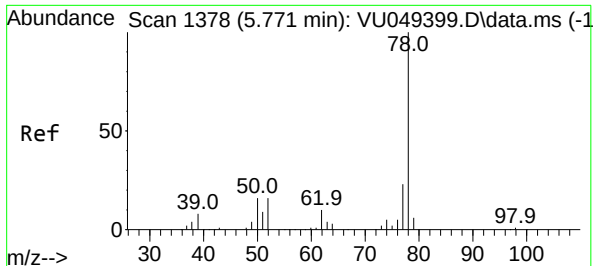
Tgt Ion:113 Resp: 148699
Ion Ratio Lower Upper
113 100
111 102.3 82.1 123.1
192 19.3 18.0 27.0



#39
Methylcyclohexane
Concen: 2.797 ug/l
RT: 6.758 min Scan# 1685
Delta R.T. -0.003 min
Lab File: VU049620.D
Acq: 05 Jul 2022 15:59

Tgt Ion: 83 Resp: 16197
Ion Ratio Lower Upper
83 100
55 76.1 55.3 82.9
98 39.0 37.3 55.9





#40

Benzene

Concen: 1.810 ug/l

RT: 5.771 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049620.D

Acq: 05 Jul 2022 15:59

Instrument :

MSVOA_U

ClientSampleId :

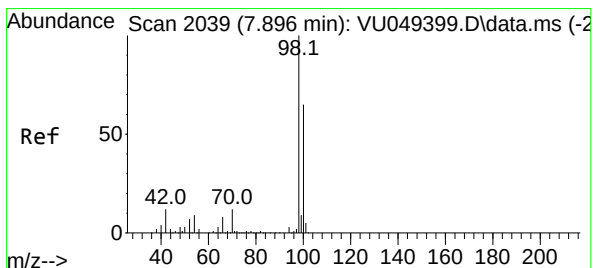
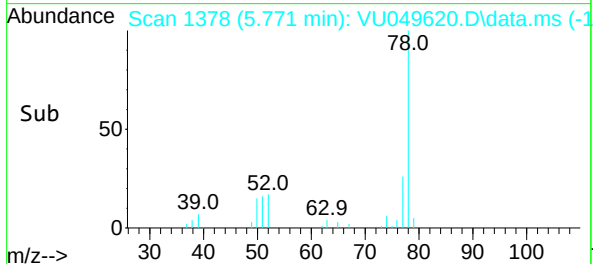
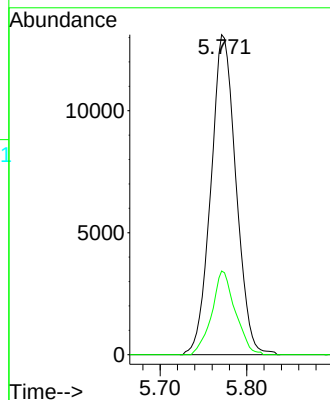
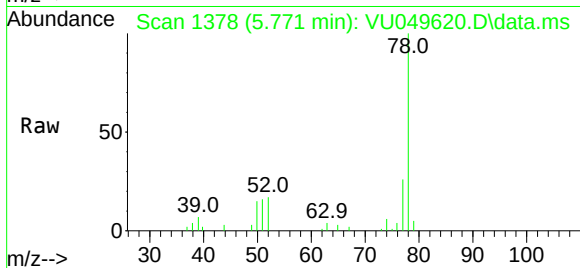
WC-16-2-4

Tgt Ion: 78 Resp: 26404

Ion Ratio Lower Upper

78 100

77 26.1 18.8 28.2



#50

Toluene-d8

Concen: 48.032 ug/l

RT: 7.896 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VU049620.D

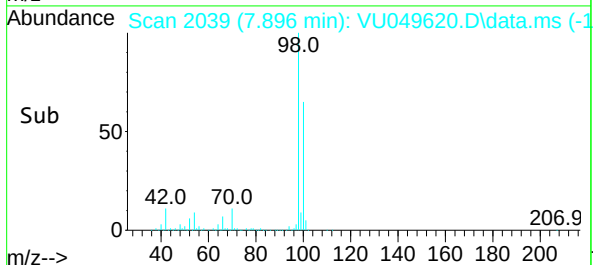
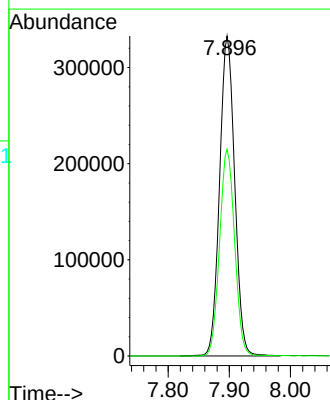
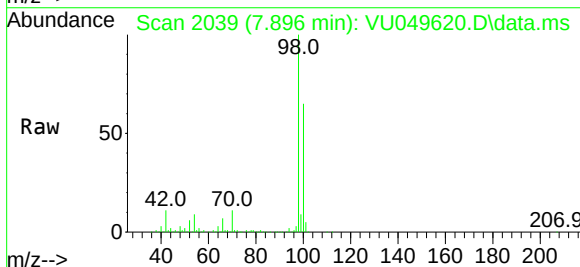
Acq: 05 Jul 2022 15:59

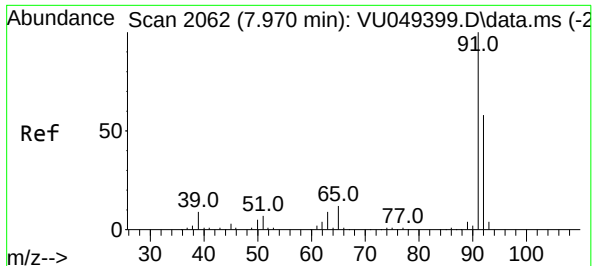
Tgt Ion: 98 Resp: 570851

Ion Ratio Lower Upper

98 100

100 64.3 51.7 77.5

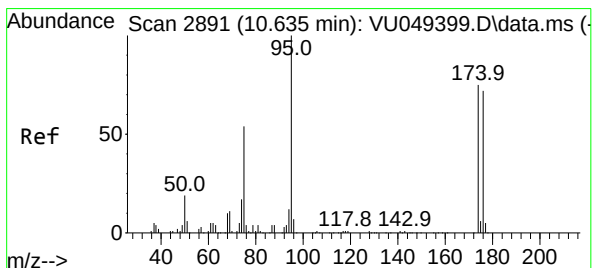
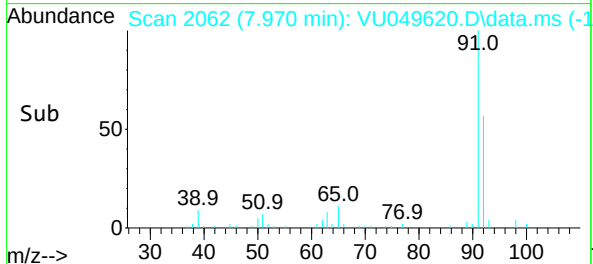
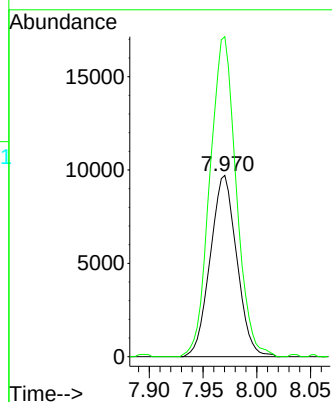
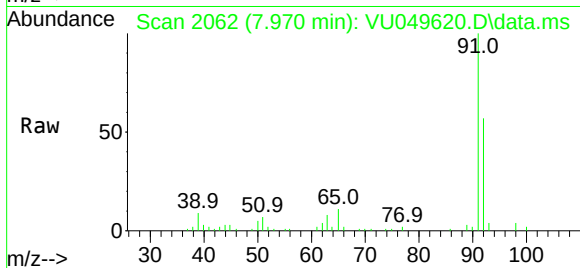




#52
Toluene
Concen: 1.924 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU049620.D
Acq: 05 Jul 2022 15:59

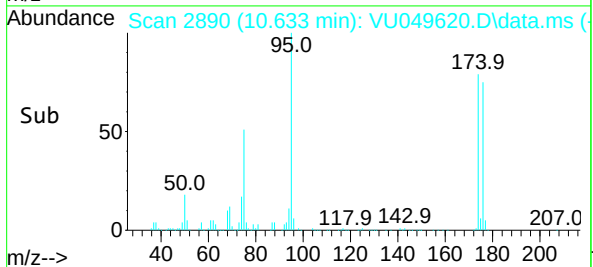
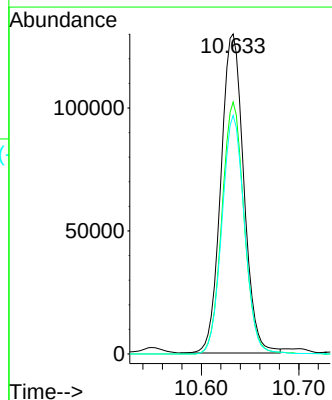
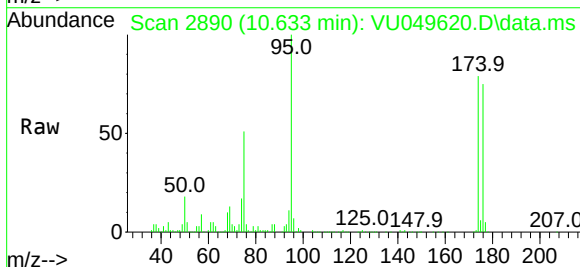
Instrument :
MSVOA_U
ClientSampleId :
WC-16-2-4

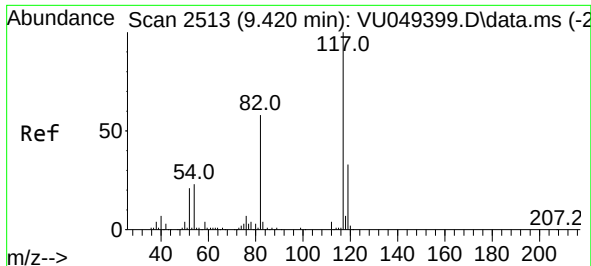
Tgt Ion: 92 Resp: 16679
Ion Ratio Lower Upper
92 100
91 175.5 138.2 207.4



#62
4-Bromofluorobenzene
Concen: 46.577 ug/l
RT: 10.633 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049620.D
Acq: 05 Jul 2022 15:59

Tgt Ion: 95 Resp: 212051
Ion Ratio Lower Upper
95 100
174 76.6 0.0 182.0
176 73.4 0.0 177.8

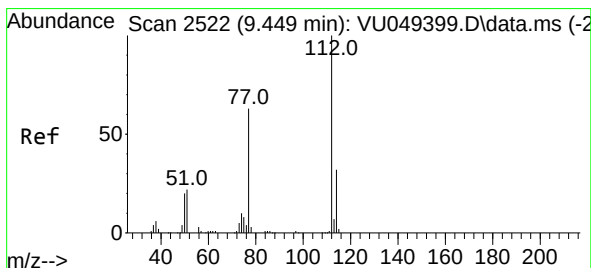
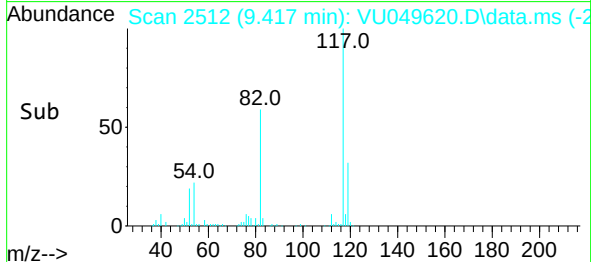
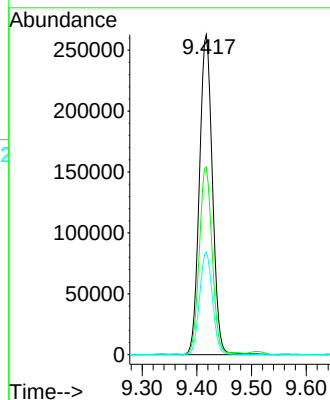
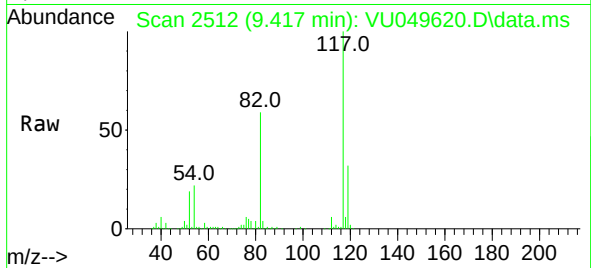




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.003 min
Lab File: VU049620.D
Acq: 05 Jul 2022 15:59

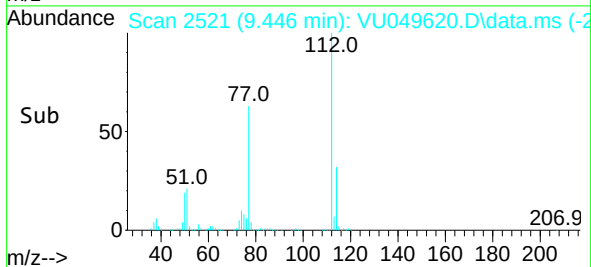
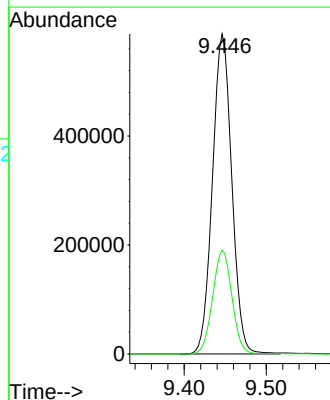
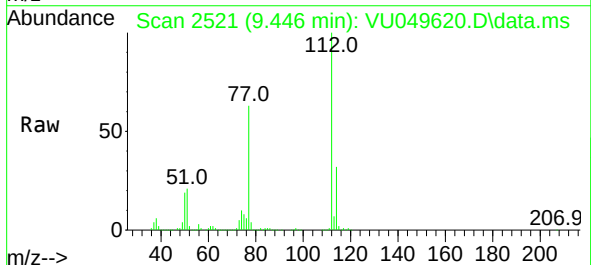
Instrument :
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ClientSampleId :
WC-16-2-4

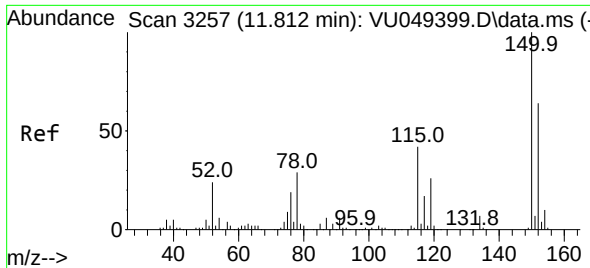
Tgt Ion:117 Resp: 433155
Ion Ratio Lower Upper
117 100
82 58.4 41.7 62.5
119 32.1 25.7 38.5



#65
Chlorobenzene
Concen: 108.742 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU049620.D
Acq: 05 Jul 2022 15:59

Tgt Ion:112 Resp: 962947
Ion Ratio Lower Upper
112 100
114 32.4 24.9 37.3

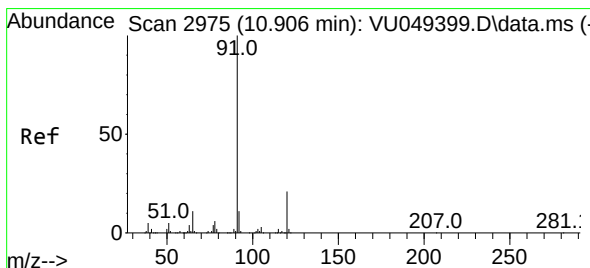
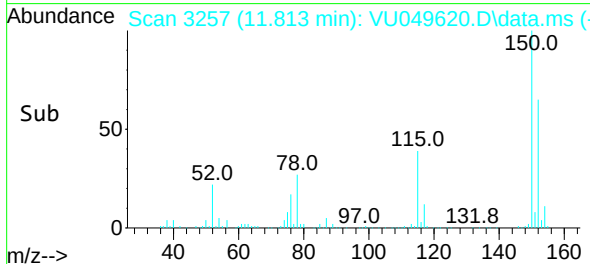
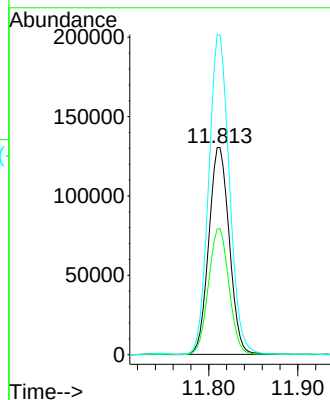
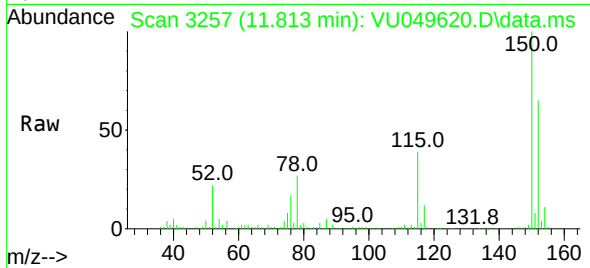




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.813 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU049620.D
 Acq: 05 Jul 2022 15:59

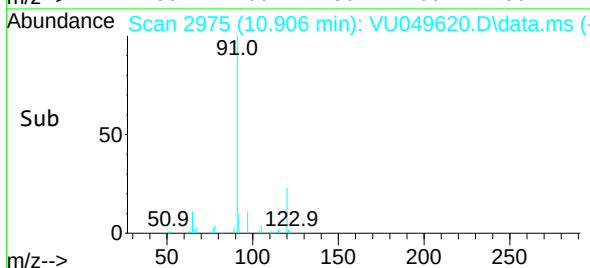
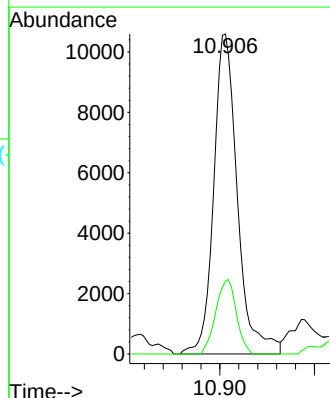
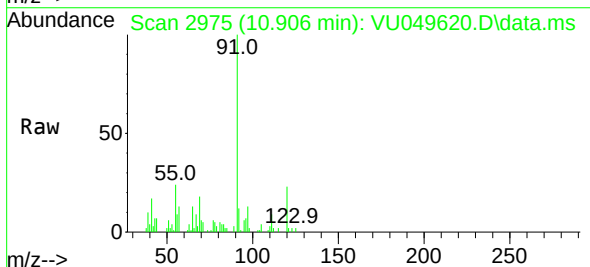
Instrument :
 MSVOA_U
 ClientSampleId :
 WC-16-2-4

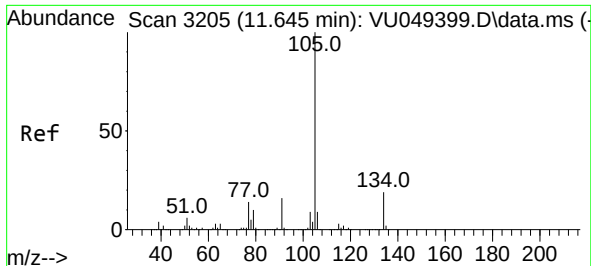
Tgt Ion:152 Resp: 207713
 Ion Ratio Lower Upper
 152 100
 115 61.3 37.0 110.9
 150 156.3 0.0 342.2



#78
 n-propylbenzene
 Concen: 1.028 ug/l
 RT: 10.906 min Scan# 2975
 Delta R.T. 0.000 min
 Lab File: VU049620.D
 Acq: 05 Jul 2022 15:59

Tgt Ion: 91 Resp: 18480
 Ion Ratio Lower Upper
 91 100
 120 20.1 11.9 35.5

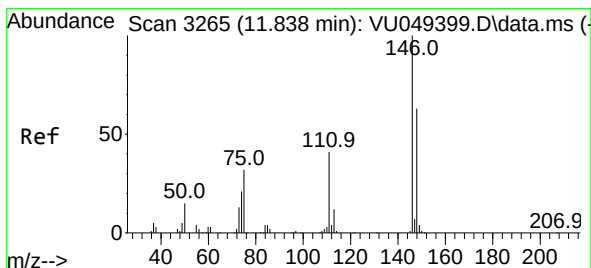
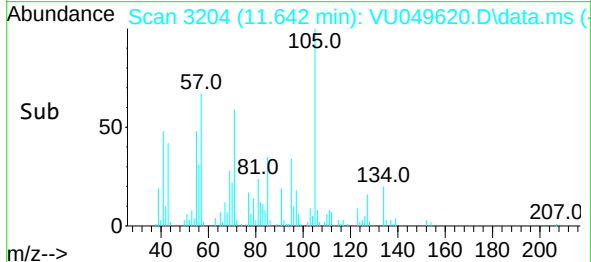
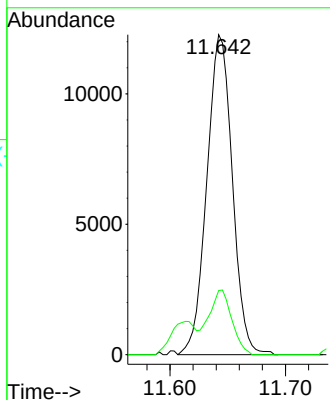
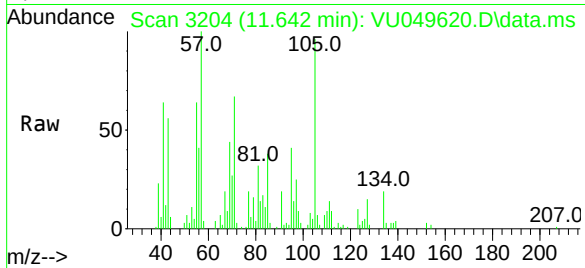




#85
 sec-Butylbenzene
 Concen: 1.179 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU049620.D
 Acq: 05 Jul 2022 15:59

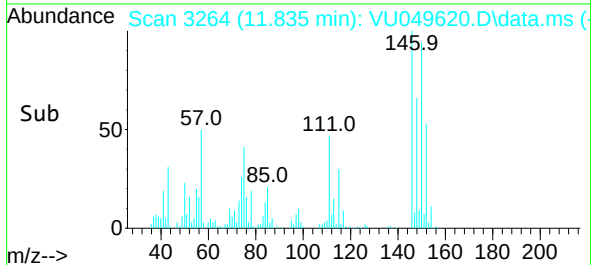
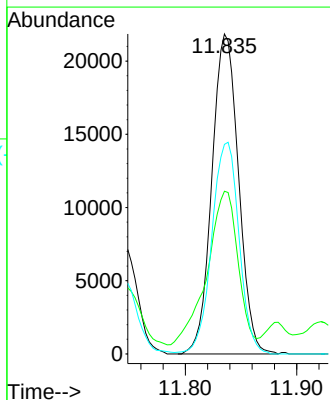
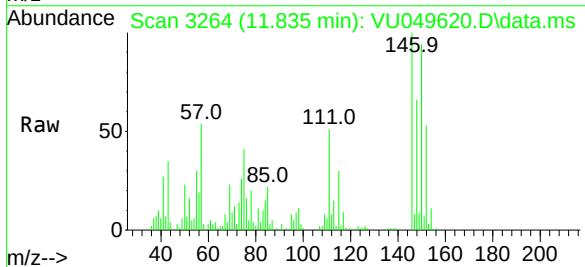
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 MSVOA_U
 ClientSampleId :
 WC-16-2-4

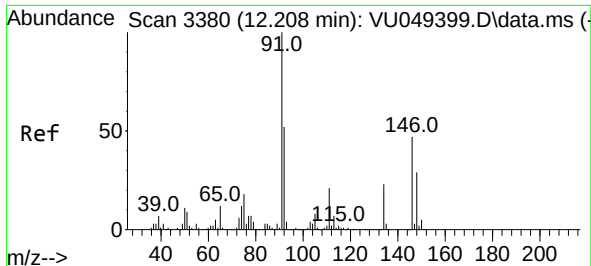
Tgt Ion:105 Resp: 18840
 Ion Ratio Lower Upper
 105 100
 134 18.0 10.4 31.1



#88
 1,4-Dichlorobenzene
 Concen: 5.235 ug/l
 RT: 11.835 min Scan# 3264
 Delta R.T. -0.003 min
 Lab File: VU049620.D
 Acq: 05 Jul 2022 15:59

Tgt Ion:146 Resp: 36332
 Ion Ratio Lower Upper
 146 100
 111 55.1 18.5 55.5
 148 67.6 31.9 95.7





#89

n-Butylbenzene

Concen: 1.309 ug/l

RT: 12.208 min Scan# 3380

Delta R.T. 0.000 min

Lab File: VU049620.D

Acq: 05 Jul 2022 15:59

Instrument :

MSVOA_U

ClientSampleId :

WC-16-2-4

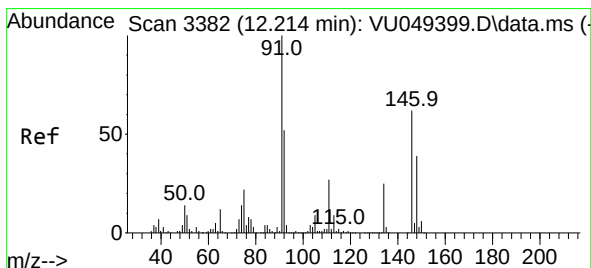
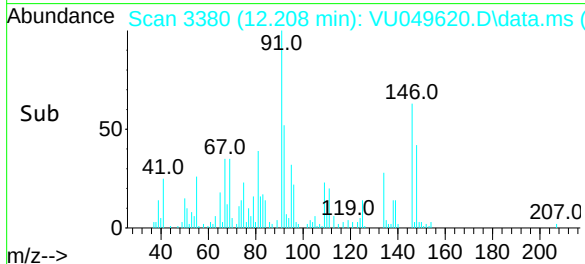
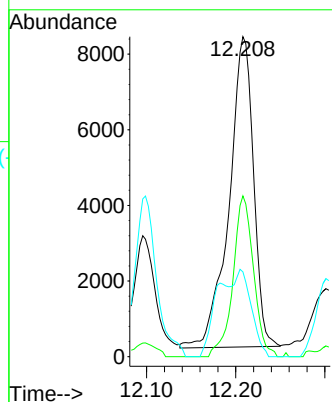
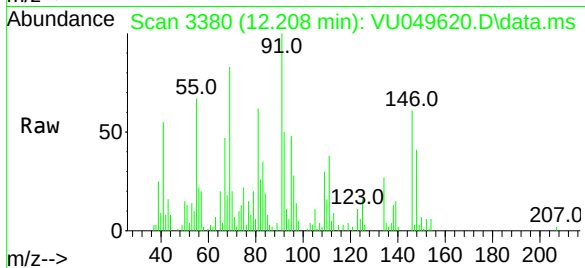
Tgt Ion: 91 Resp: 15659

Ion Ratio Lower Upper

91 100

92 43.4 26.2 78.6

134 0.0 13.5 40.4#



#91

1,2-Dichlorobenzene

Concen: 1.401 ug/l

RT: 12.214 min Scan# 3382

Delta R.T. 0.000 min

Lab File: VU049620.D

Acq: 05 Jul 2022 15:59

Tgt Ion:146 Resp: 9722

Ion Ratio Lower Upper

146 100

111 60.6 19.9 59.6#

148 65.6 32.1 96.5

