

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
 Data File : VU048743.D
 Acq On : 31 May 2022 17:07
 Operator : SY/MD
 Sample : N3033-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 HW-2

Quant Time: Jun 01 02:18:50 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)

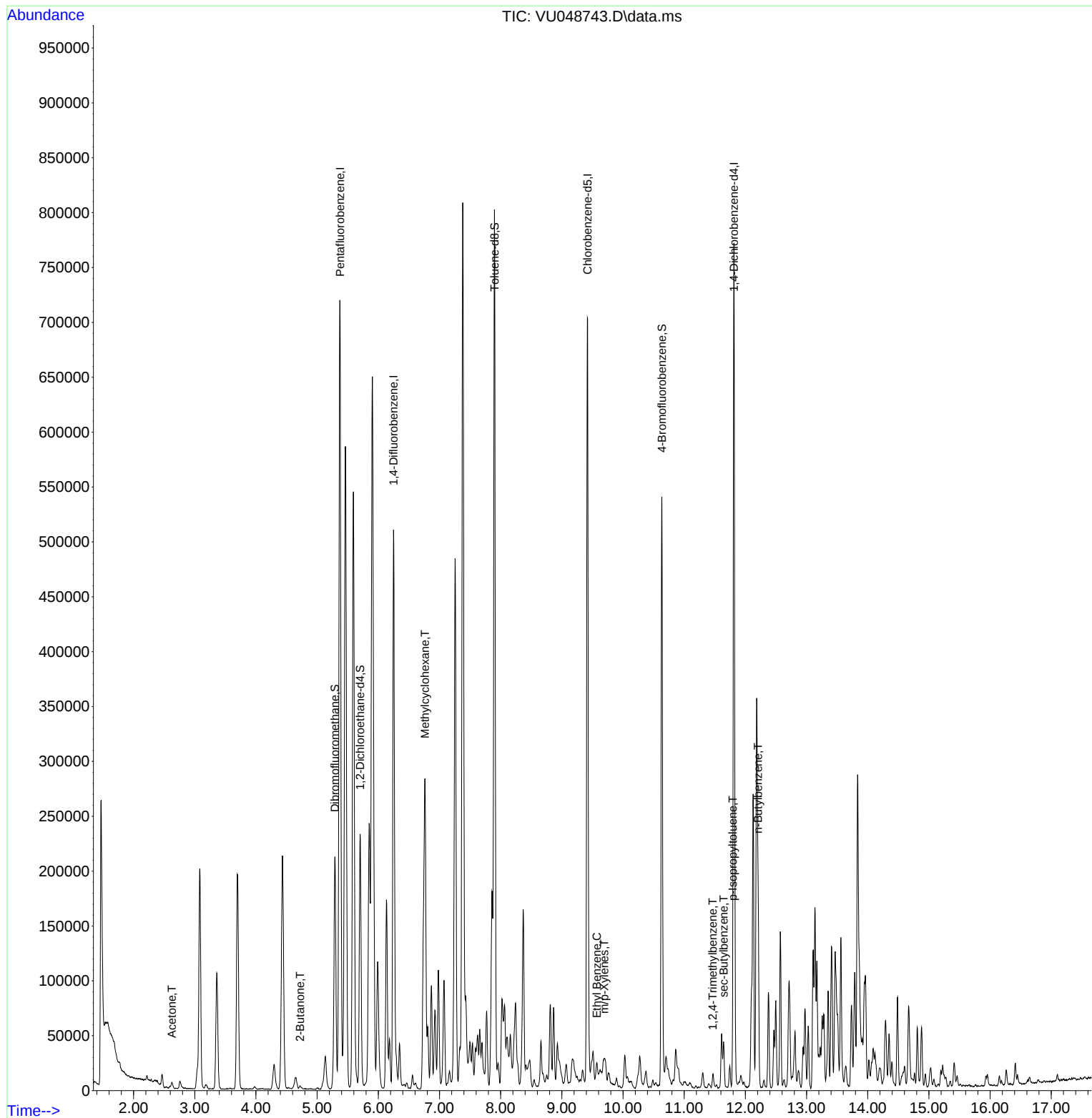
Internal Standards						
1) Pentafluorobenzene	5.375	168	244244	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	411726	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	392487	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	200316	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	178603	48.691	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.380%
35) Dibromofluoromethane	5.292	113	138569	47.175	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.340%
50) Toluene-d8	7.899	98	497257	47.226	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.460%
62) 4-Bromofluorobenzene	10.636	95	182295	45.779	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.560%
Target Compounds						
					Qvalue	
16) Acetone	2.626	43	6873	3.677	ug/l	96
25) 2-Butanone	4.723	43	4518	1.682	ug/l	96
39) Methylcyclohexane	6.764	83	119920	26.678	ug/l	95
67) Ethyl Benzene	9.571	91	4842	0.346	ug/l	98
68) m/p-Xylenes	9.693	106	3105	0.567	ug/l	94
84) 1,2,4-Trimethylbenzene	11.468	105	6699	1.727	ug/l	92
85) sec-Butylbenzene	11.645	105	22076	1.635	ug/l	97
86) p-Isopropyltoluene	11.793	119	9041	0.780	ug/l	88
89) n-Butylbenzene	12.208	91	107878	11.073	ug/l #	57

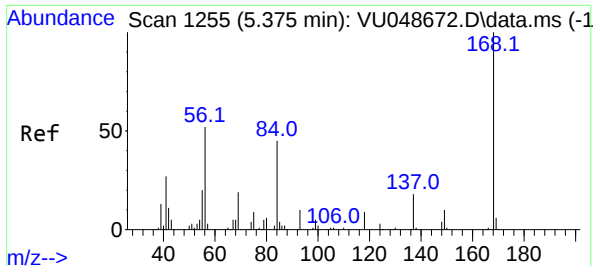
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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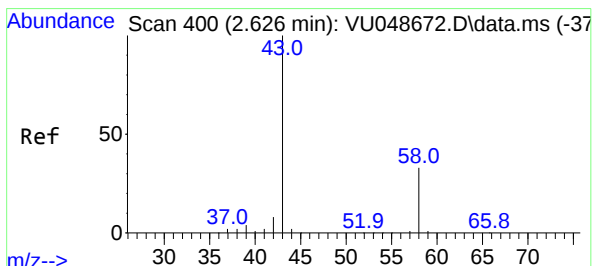
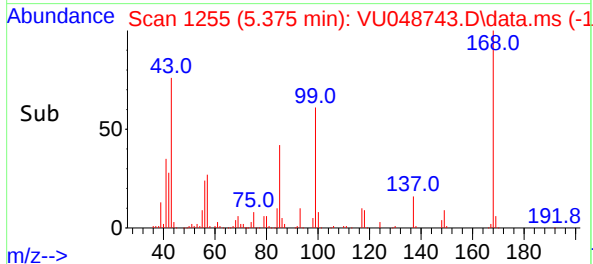
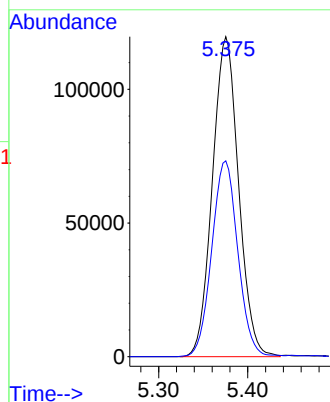
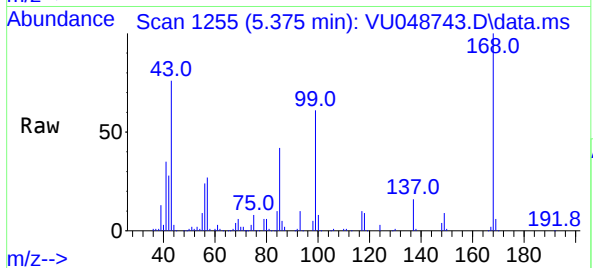




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048743.D
Acq: 31 May 2022 17:07

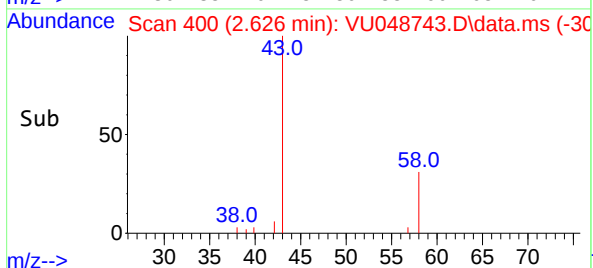
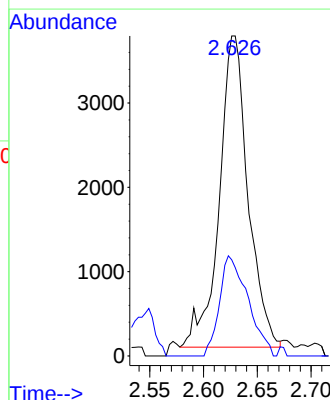
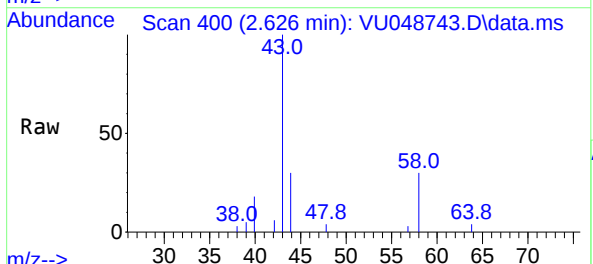
Instrument :
MSVOA_U
ClientSampleId :
HW-2

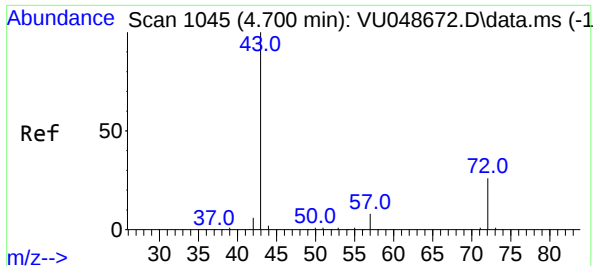
Tgt Ion:168 Resp: 244244
Ion Ratio Lower Upper
168 100
99 61.1 49.3 73.9



#16
Acetone
Concen: 3.677 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU048743.D
Acq: 31 May 2022 17:07

Tgt Ion: 43 Resp: 6873
Ion Ratio Lower Upper
43 100
58 30.9 26.3 39.5





#25

2-Butanone

Concen: 1.682 ug/l

RT: 4.723 min Scan# 1052

Delta R.T. 0.022 min

Lab File: VU048743.D

Acq: 31 May 2022 17:07

Instrument :

MSVOA_U

ClientSampleId :

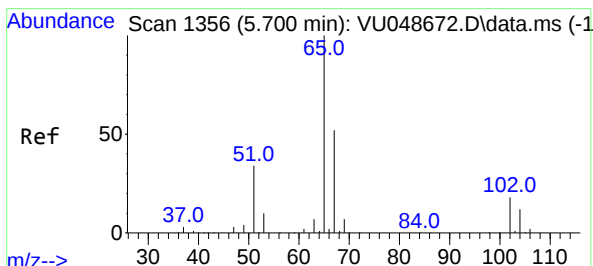
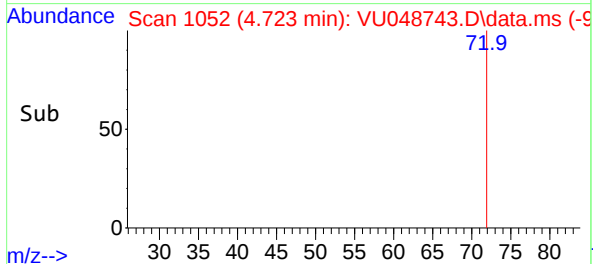
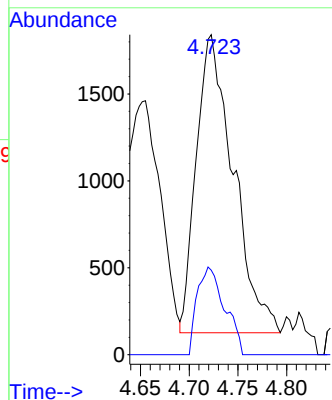
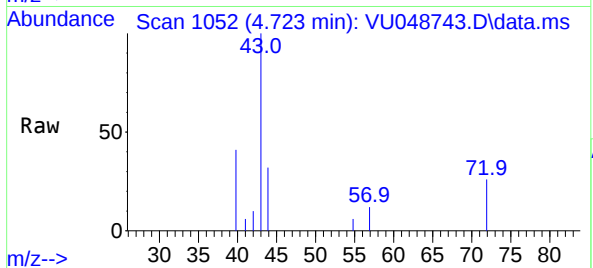
HW-2

Tgt Ion: 43 Resp: 4518

Ion Ratio Lower Upper

43 100

72 28.3 21.1 31.7



#33

1,2-Dichloroethane-d4

Concen: 48.691 ug/l

RT: 5.703 min Scan# 1357

Delta R.T. 0.003 min

Lab File: VU048743.D

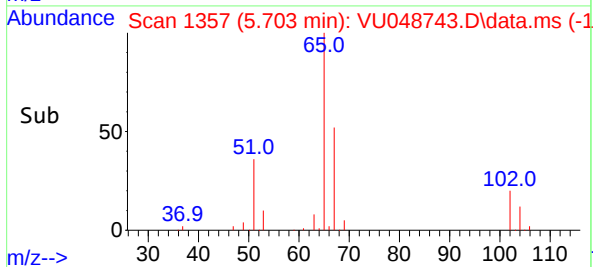
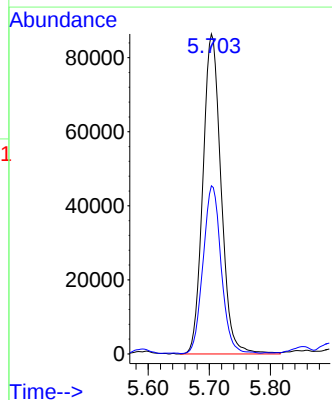
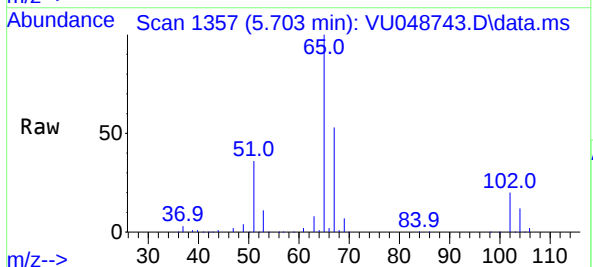
Acq: 31 May 2022 17:07

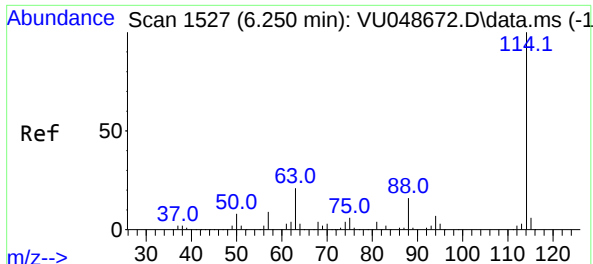
Tgt Ion: 65 Resp: 178603

Ion Ratio Lower Upper

65 100

67 52.1 0.0 103.0

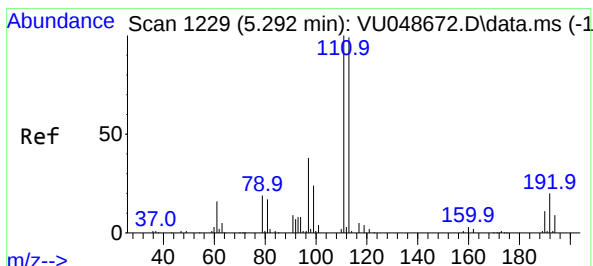
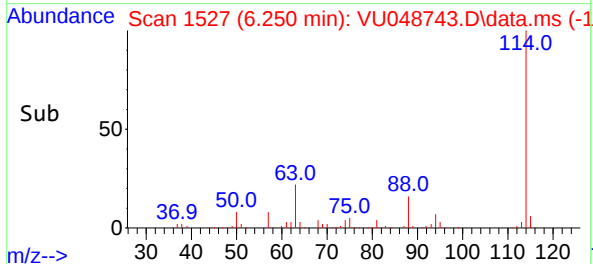
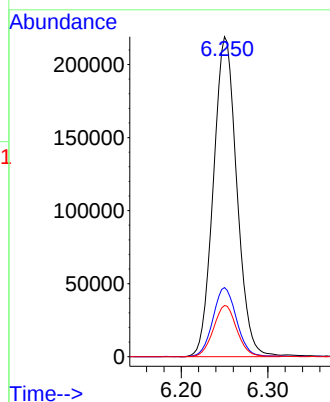
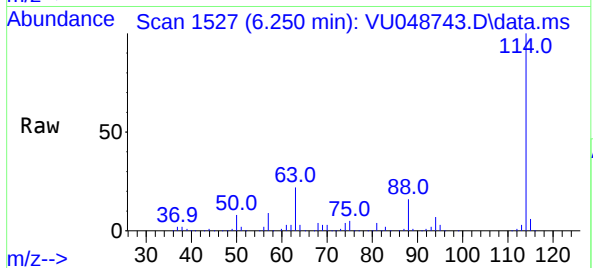




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU048743.D
Acq: 31 May 2022 17:07

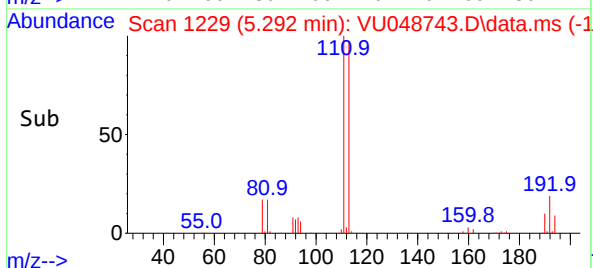
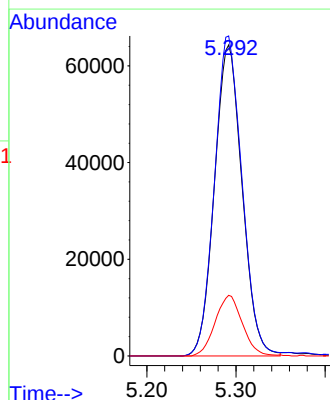
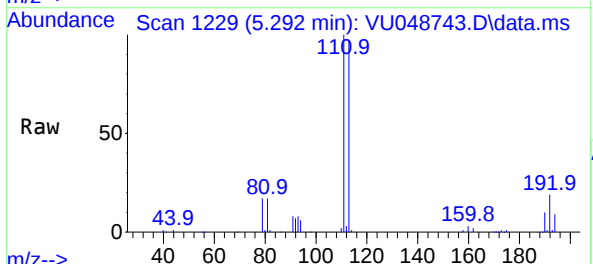
Instrument :
MSVOA_U
ClientSampleId :
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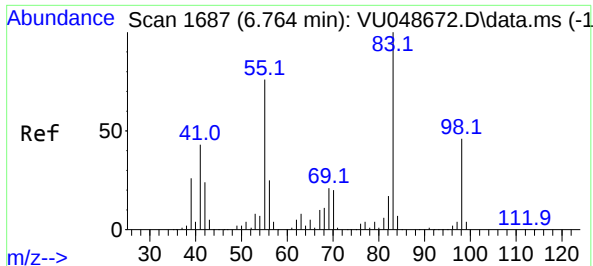
Tgt Ion:114 Resp: 411726
Ion Ratio Lower Upper
114 100
63 21.6 0.0 42.6
88 16.0 0.0 32.2



#35
Dibromofluoromethane
Concen: 47.175 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VU048743.D
Acq: 31 May 2022 17:07

Tgt Ion:113 Resp: 138569
Ion Ratio Lower Upper
113 100
111 102.5 80.7 121.1
192 19.3 15.9 23.9

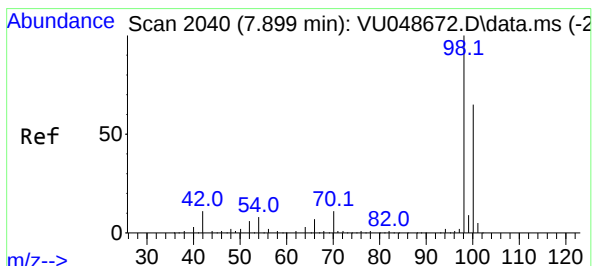
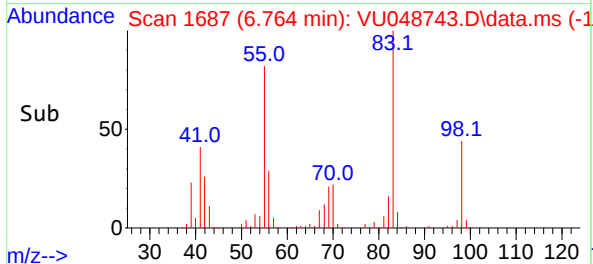
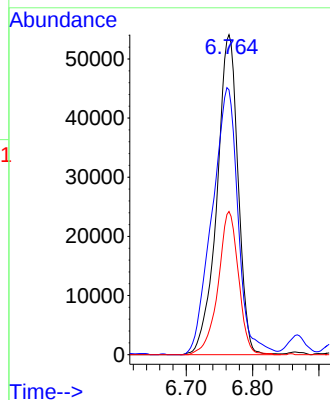
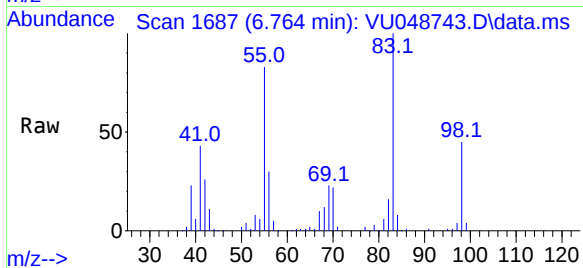




#39
Methylcyclohexane
Concen: 26.678 ug/l
RT: 6.764 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU048743.D
Acq: 31 May 2022 17:07

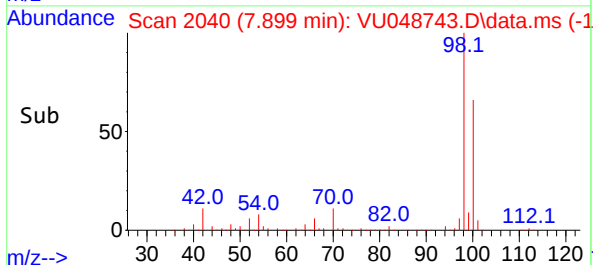
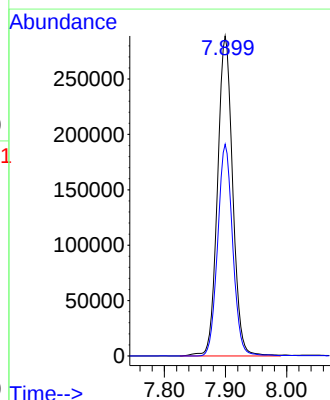
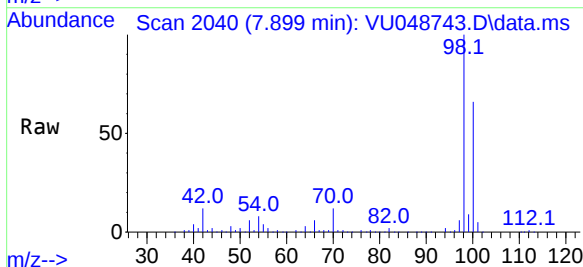
Instrument :
MSVOA_U
ClientSampleId :
HW-2

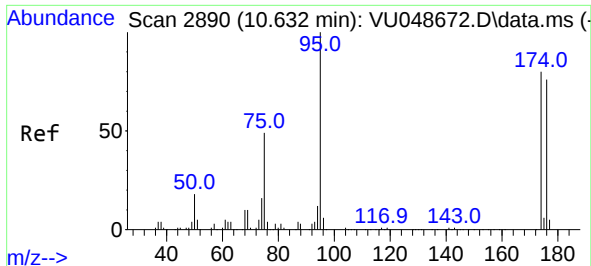
Tgt Ion: 83 Resp: 119920
Ion Ratio Lower Upper
83 100
55 82.7 61.0 91.6
98 44.7 36.8 55.2



#50
Toluene-d8
Concen: 47.226 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU048743.D
Acq: 31 May 2022 17:07

Tgt Ion: 98 Resp: 497257
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.4

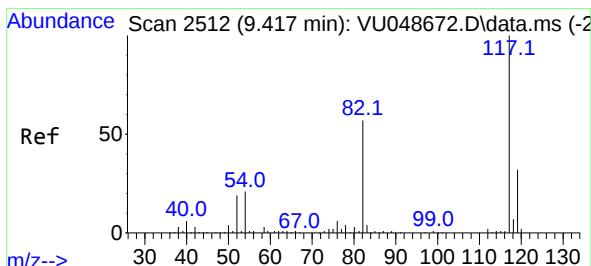
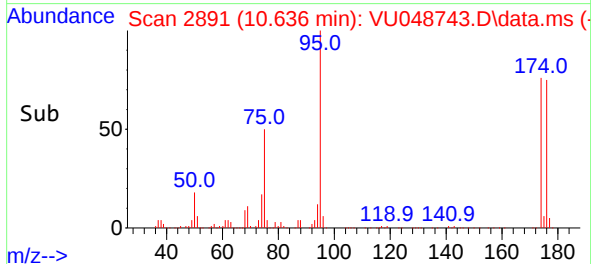
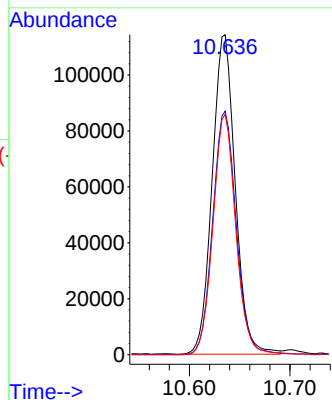
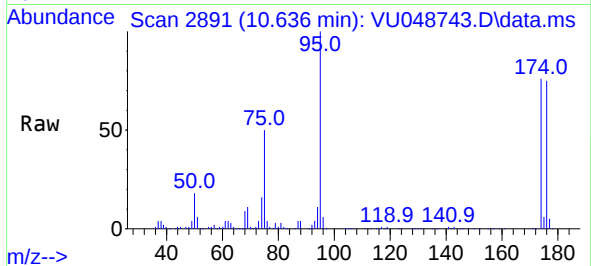




#62
4-Bromofluorobenzene
Concen: 45.779 ug/l
RT: 10.636 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048743.D
Acq: 31 May 2022 17:07

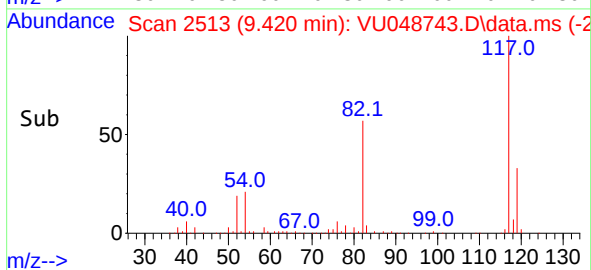
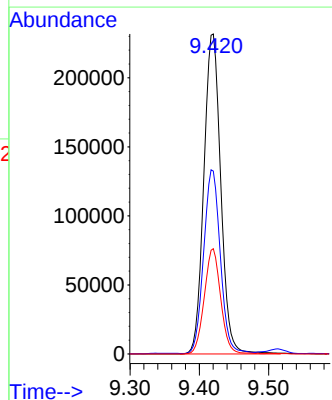
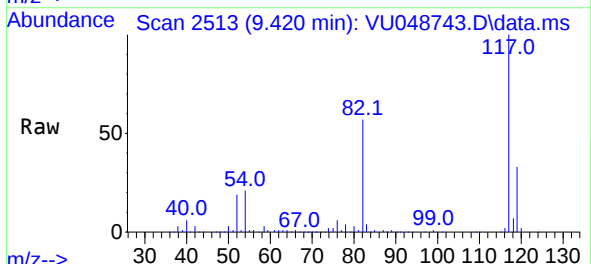
Instrument :
MSVOA_U
ClientSampleId :
HW-2

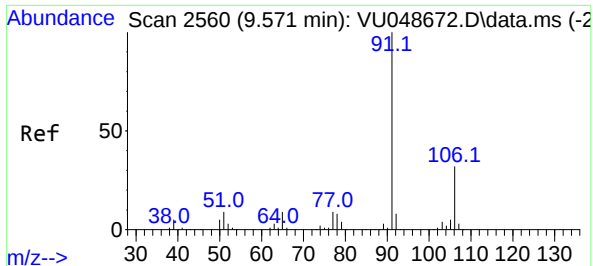
Tgt Ion: 95 Resp: 182295
Ion Ratio Lower Upper
95 100
174 77.8 0.0 159.4
176 74.6 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.003 min
Lab File: VU048743.D
Acq: 31 May 2022 17:07

Tgt Ion: 117 Resp: 392487
Ion Ratio Lower Upper
117 100
82 57.0 45.3 67.9
119 32.9 25.4 38.2

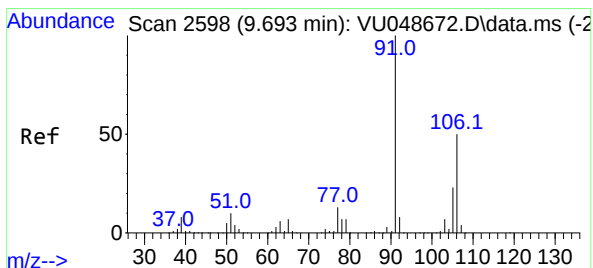
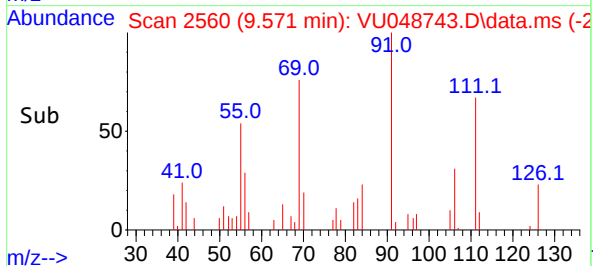
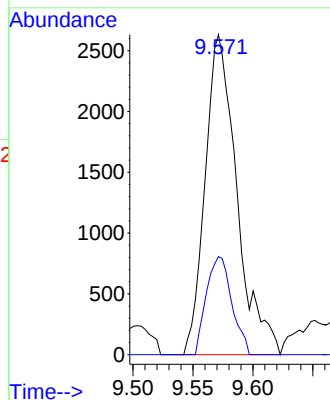
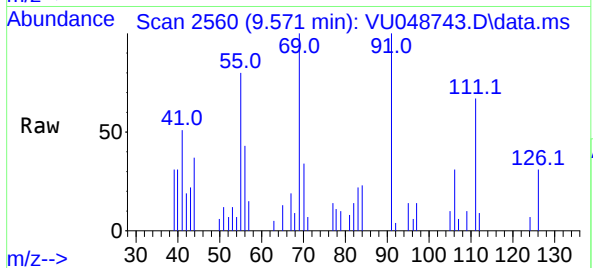




#67
Ethyl Benzene
Concen: 0.346 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU048743.D
Acq: 31 May 2022 17:07

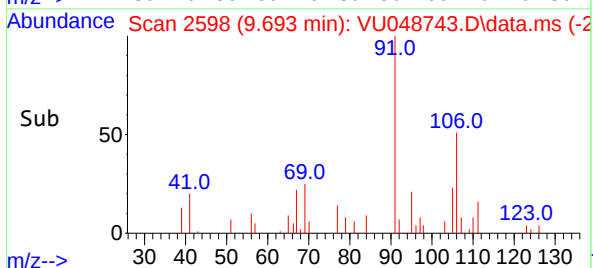
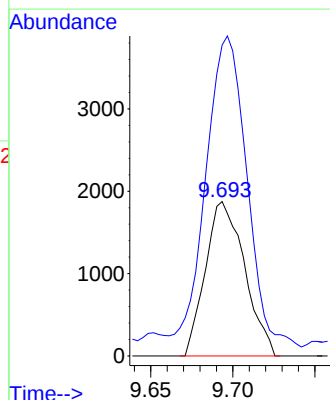
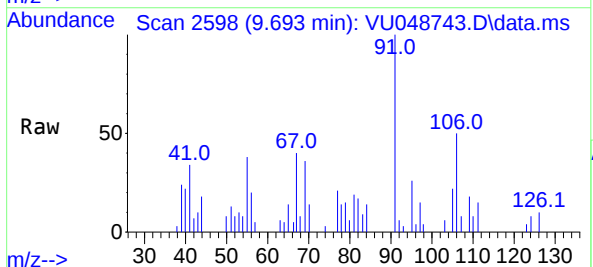
Instrument :
MSVOA_U
ClientSampleId :
HW-2

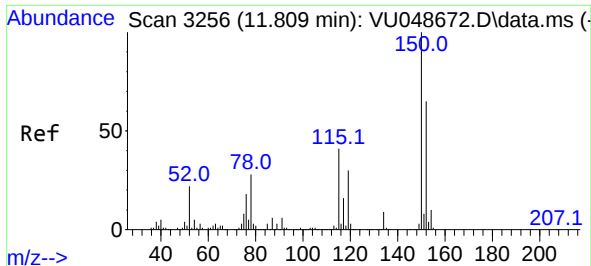
Tgt Ion: 91 Resp: 4842
Ion Ratio Lower Upper
91 100
106 30.7 25.4 38.2



#68
m/p-Xylenes
Concen: 0.567 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU048743.D
Acq: 31 May 2022 17:07

Tgt Ion: 106 Resp: 3105
Ion Ratio Lower Upper
106 100
91 212.7 162.4 243.6

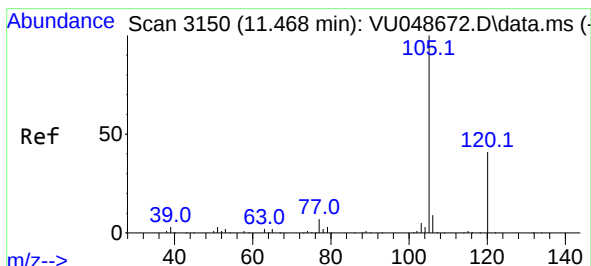
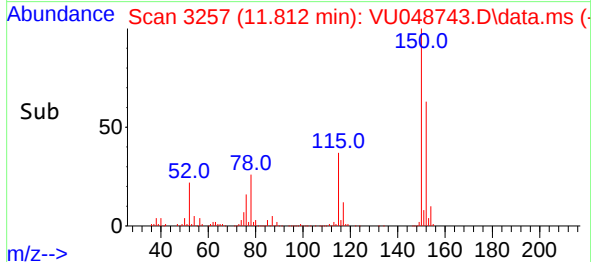
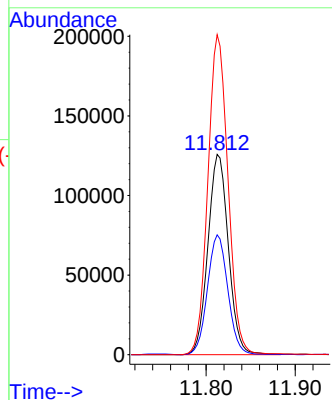
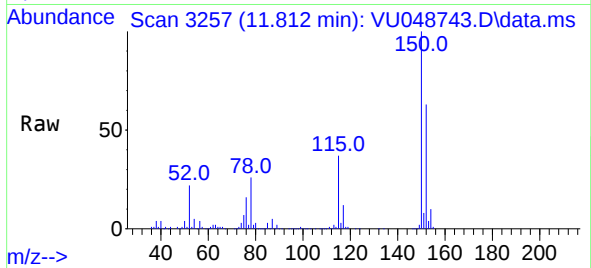




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.812 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU048743.D
 Acq: 31 May 2022 17:07

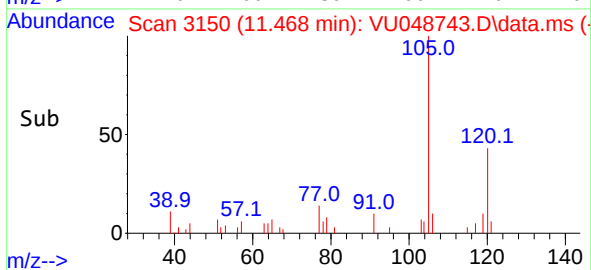
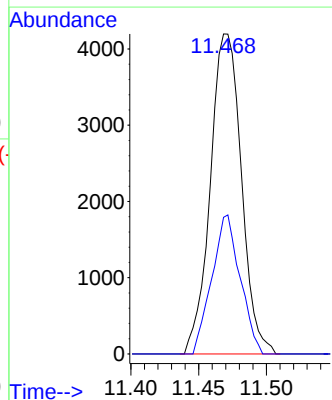
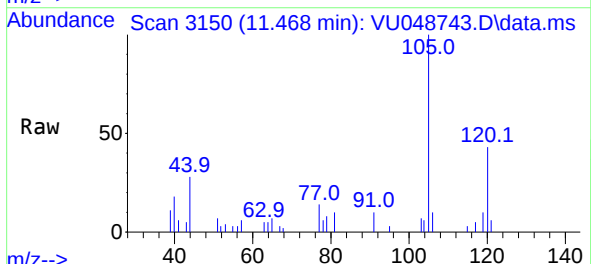
Instrument :
 MSVOA_U
 ClientSampleId :
 HW-2

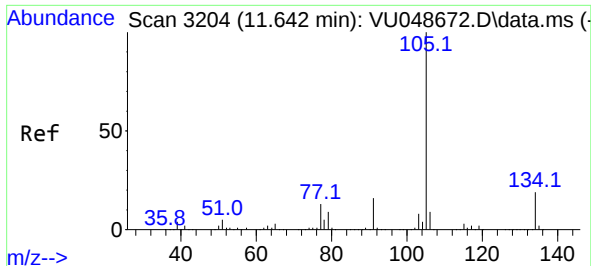
Tgt Ion:152 Resp: 200316
 Ion Ratio Lower Upper
 152 100
 115 59.8 41.8 125.4
 150 157.4 0.0 341.0



#84
 1,2,4-Trimethylbenzene
 Concen: 1.727 ug/l
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU048743.D
 Acq: 31 May 2022 17:07

Tgt Ion:105 Resp: 6699
 Ion Ratio Lower Upper
 105 100
 120 39.5 22.5 67.5

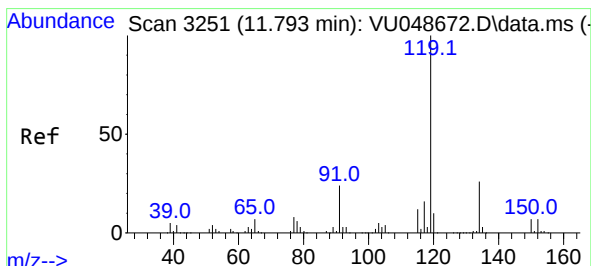
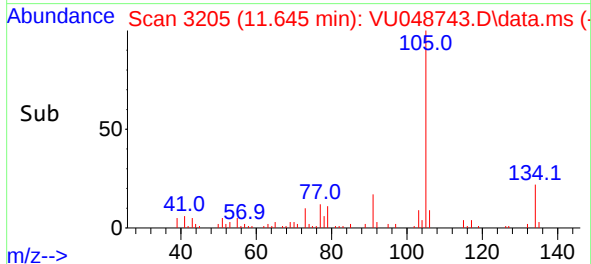
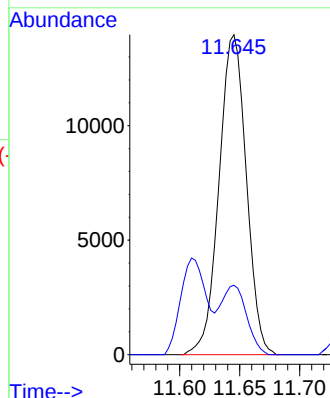
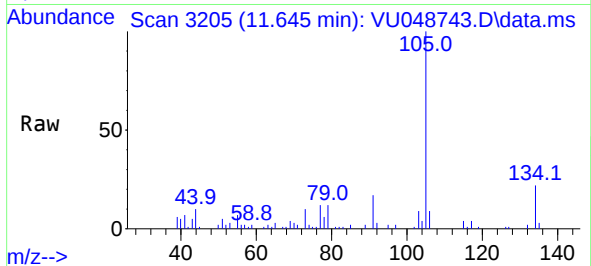




#85
 sec-Butylbenzene
 Concen: 1.635 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU048743.D
 Acq: 31 May 2022 17:07

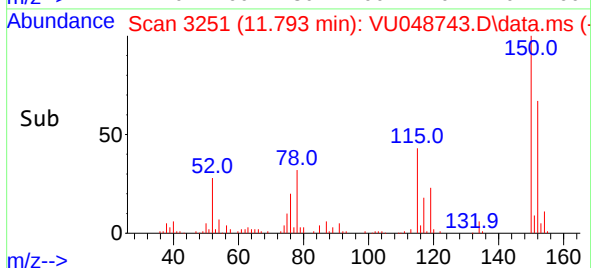
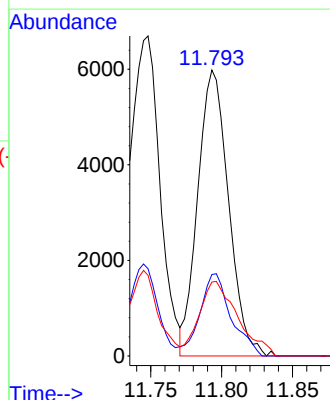
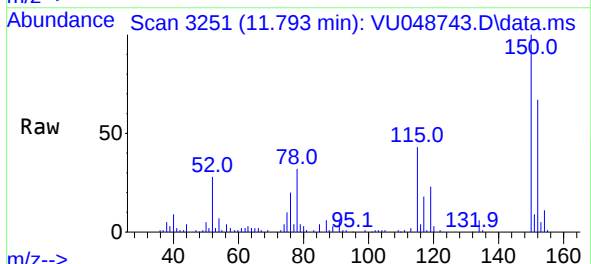
Instrument :
 MSVOA_U
 ClientSampleId :
 HW-2

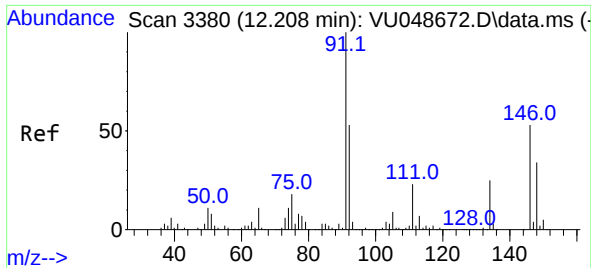
Tgt Ion:105 Resp: 22076
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 0.780 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. 0.000 min
 Lab File: VU048743.D
 Acq: 31 May 2022 17:07

Tgt Ion:119 Resp: 9041
 Ion Ratio Lower Upper
 119 100
 134 29.0 12.8 38.4
 91 32.7 12.0 36.0





#89
n-Butylbenzene
Concen: 11.073 ug/l
RT: 12.208 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU048743.D
Acq: 31 May 2022 17:07

Instrument :
MSVOA_U
ClientSampleId :
HW-2

Tgt Ion: 91 Resp: 107878
Ion Ratio Lower Upper
91 100
92 41.7 25.9 77.8
134 76.7 12.5 37.5#

