

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
 Data File : VU048722.D
 Acq On : 28 May 2022 03:35
 Operator : SY/MD
 Sample : N3033-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 HW-2

Quant Time: May 30 03:00:55 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

Manual Integrations APPROVED

Reviewed By :John Carlone 05/31/2022
 Supervised By :Mahesh Dadoda 05/31/2022

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	239402	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	400624	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	394834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	234939	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	172725	48.041	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.080%		
35) Dibromofluoromethane	5.292	113	149573	52.332	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.660%		
50) Toluene-d8	7.899	98	479654	46.816	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.640%		
62) 4-Bromofluorobenzene	10.632	95	222375	57.391	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	114.780%		
Target Compounds						
					Qvalue	
16) Acetone	2.626	43	8473	4.624	ug/l	100
39) Methylcyclohexane	6.764	83	106288	24.301	ug/l	98
67) Ethyl Benzene	9.571	91	26766	1.900	ug/l	99
68) m/p-Xylenes	9.693	106	20899	3.794	ug/l	98
69) o-Xylene	10.099	106	6363	1.176	ug/l	92
78) n-propylbenzene	10.906	91	8057	0.446	ug/l	92
80) 1,3,5-Trimethylbenzene	11.089	105	6435	0.488	ug/l	100
84) 1,2,4-Trimethylbenzene	11.468	105	31975	3.383	ug/l	99
85) sec-Butylbenzene	11.642	105	19170	1.210	ug/l #	58
86) p-Isopropyltoluene	11.793	119	7805	0.574	ug/l	84
89) n-Butylbenzene	12.208	91	72904m	7.307	ug/l	

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

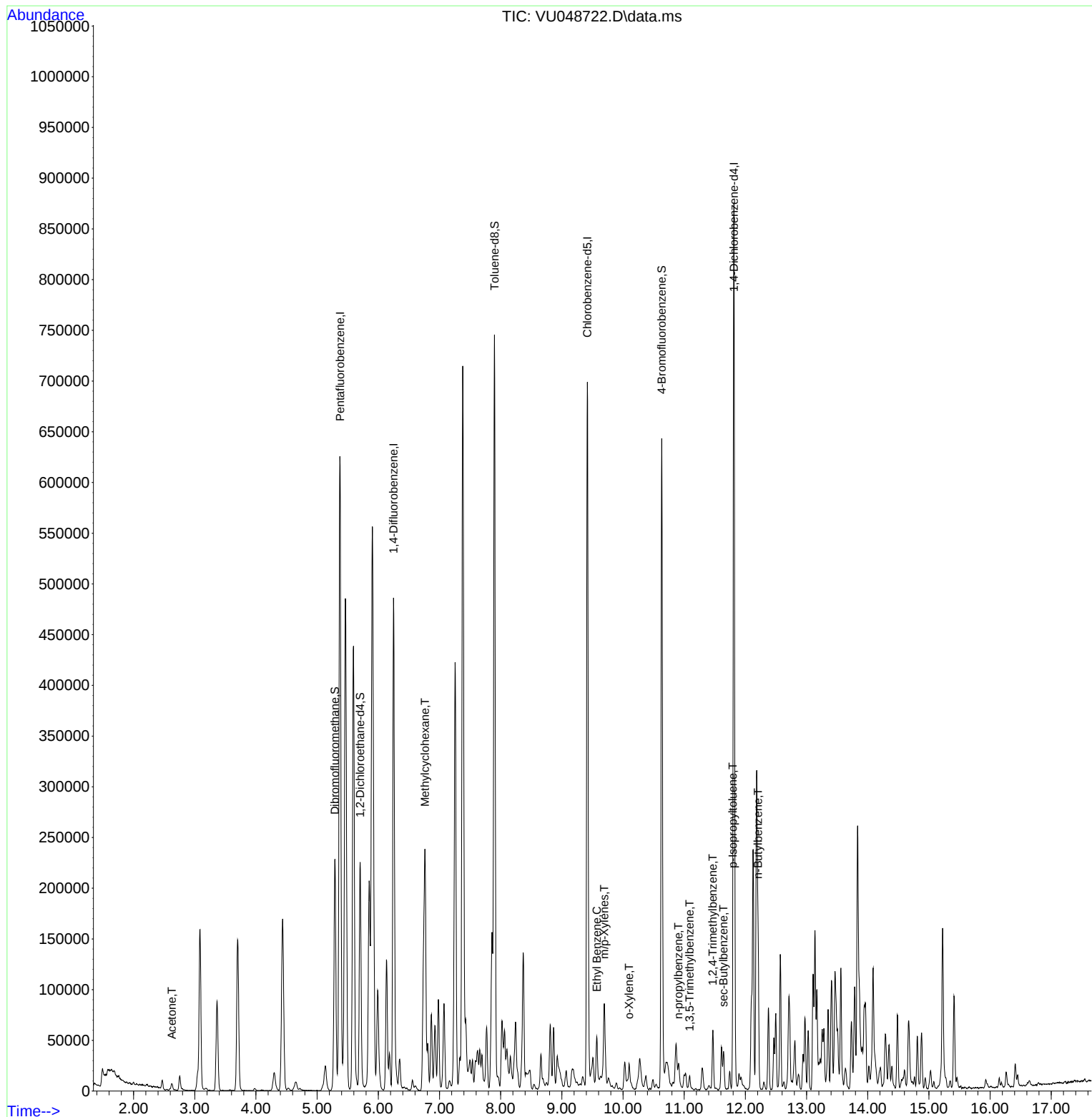
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
Data File : VU048722.D
Acq On : 28 May 2022 03:35
Operator : SY/MD
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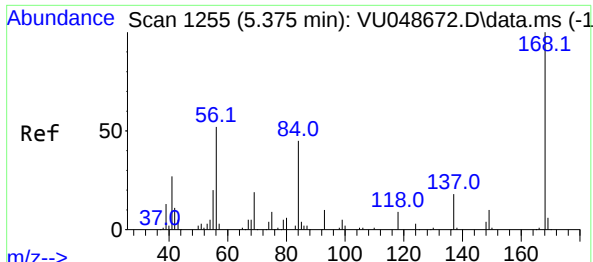
Instrument :
MSVOA_U
ClientSampleId :
HW-2

Quant Time: May 30 03:00:55 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

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APPROVED

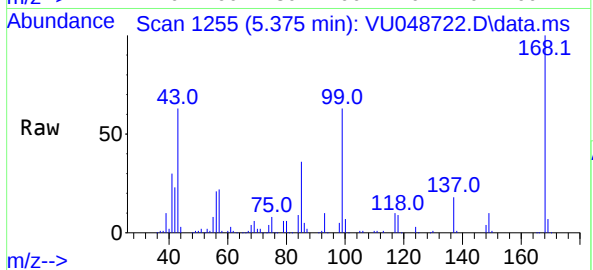
Reviewed By : John Carlone 05/31/2022
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048722.D
Acq: 28 May 2022 03:35

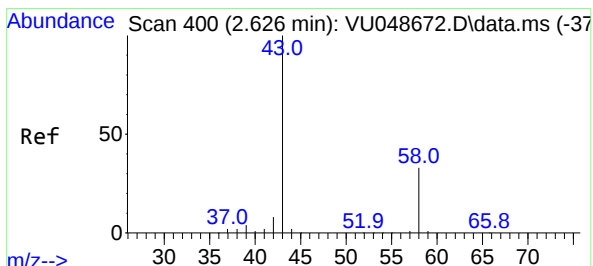
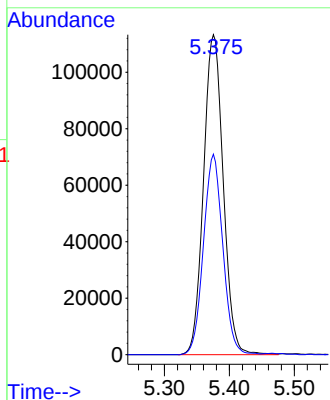
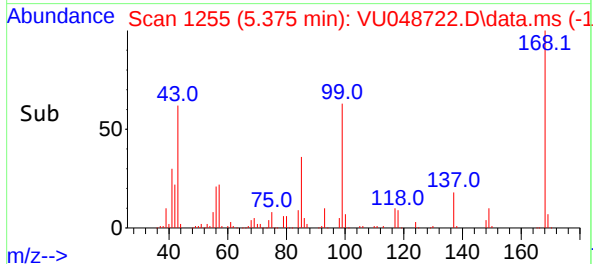
Instrument :
MSVOA_U
ClientSampleId :
HW-2



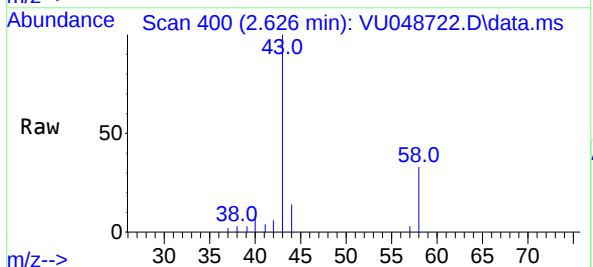
Tgt Ion:168 Resp: 23940
Ion Ratio Lower Upper
168 100
99 62.7 49.3 73.9

Manual Integrations
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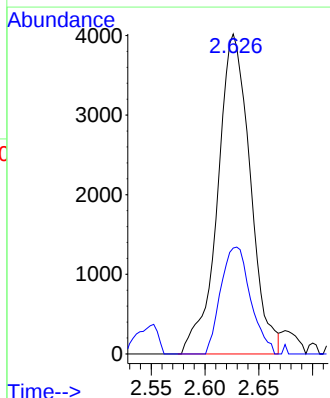
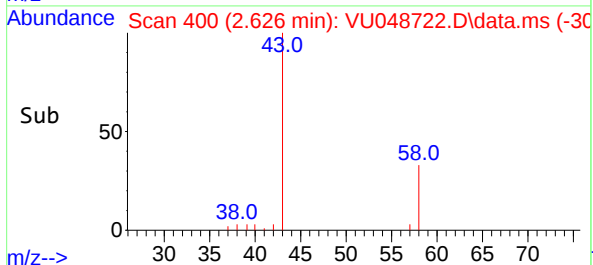
Reviewed By :John Carlone 05/31/2022
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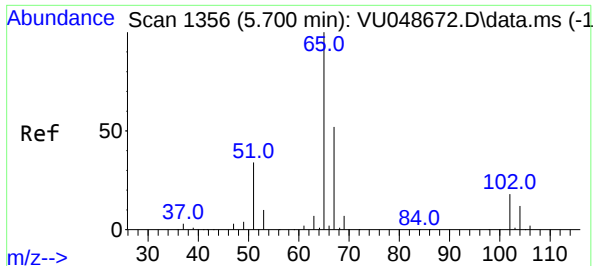


#16
Acetone
Concen: 4.624 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU048722.D
Acq: 28 May 2022 03:35



Tgt Ion: 43 Resp: 8473
Ion Ratio Lower Upper
43 100
58 33.1 26.3 39.5





#33

1,2-Dichloroethane-d4

Concen: 48.041 ug/l

RT: 5.703 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU048722.D

Acq: 28 May 2022 03:35

Instrument :

MSVOA_U

ClientSampleId :

HW-2

Tgt Ion: 65 Resp: 172725

Ion Ratio Lower Upper

65 100

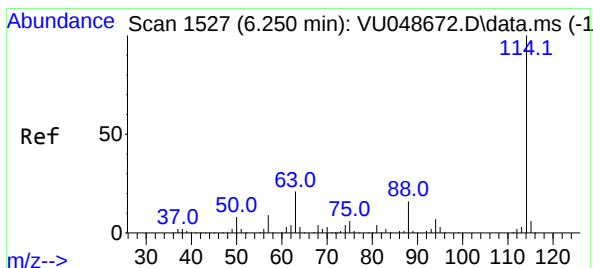
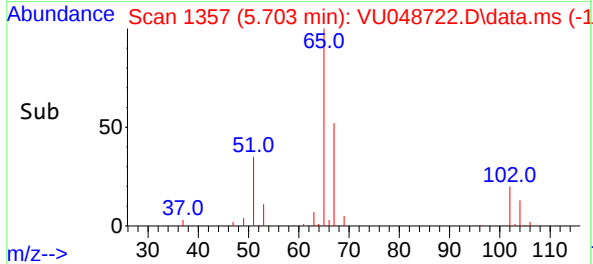
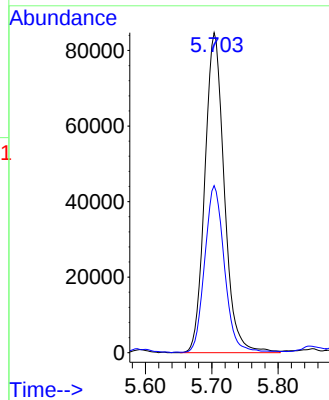
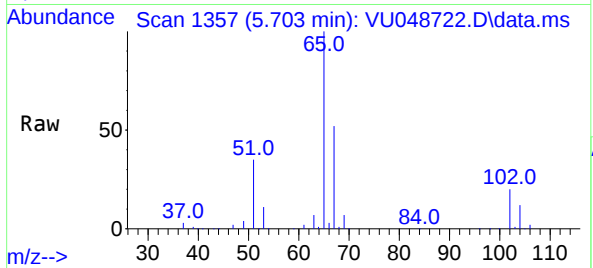
67 52.3 0.0 103.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.000 min

Lab File: VU048722.D

Acq: 28 May 2022 03:35

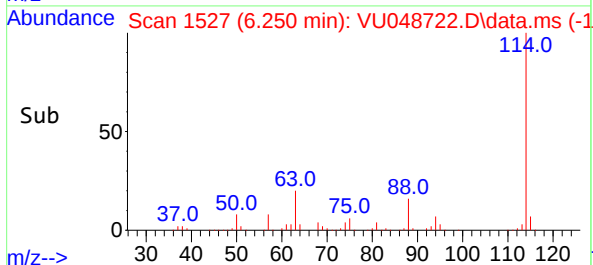
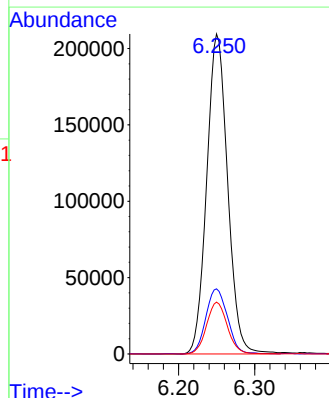
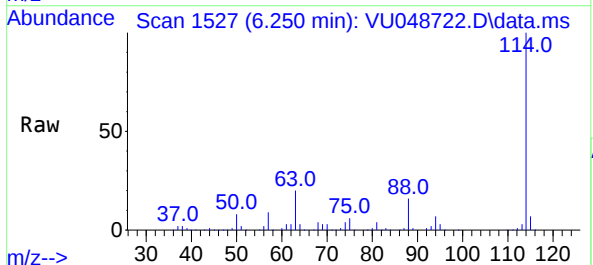
Tgt Ion:114 Resp: 400624

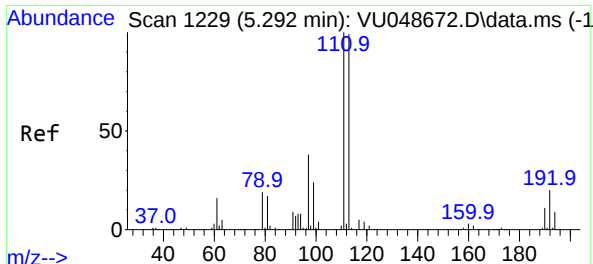
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.6

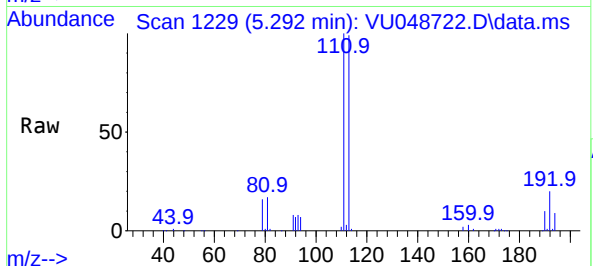
88 16.2 0.0 32.2





#35
Dibromofluoromethane
Concen: 52.332 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VU048722.D
Acq: 28 May 2022 03:35

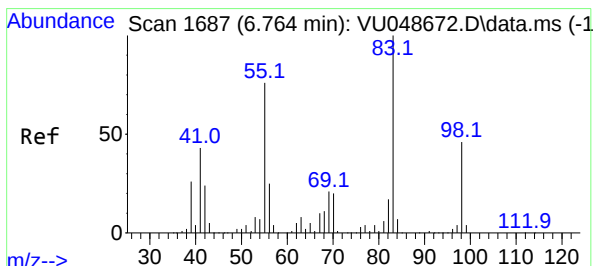
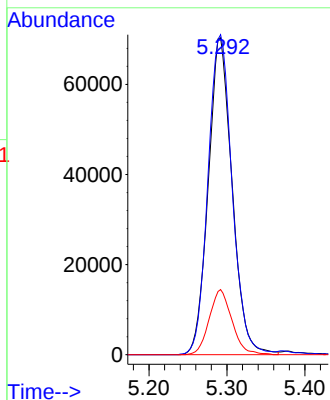
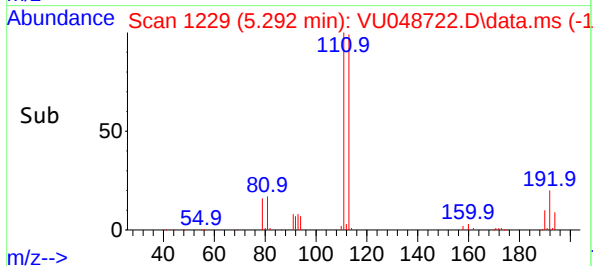
Instrument :
MSVOA_U
ClientSampleId :
HW-2



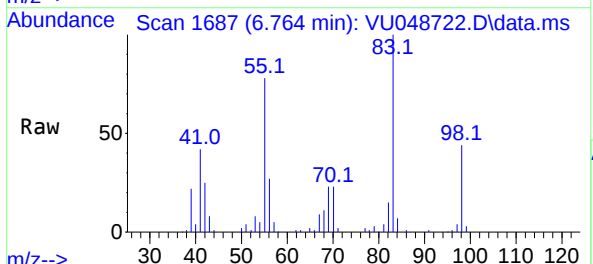
Tgt Ion: 113 Resp: 14957
Ion Ratio Lower Upper
113 100
111 102.1 80.7 121.1
192 19.6 15.9 23.9

Manual Integrations
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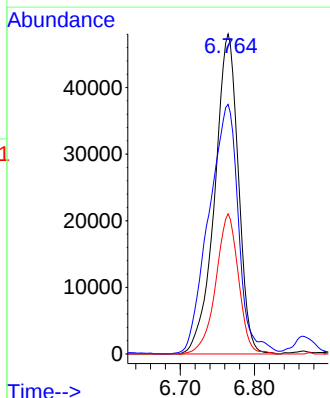
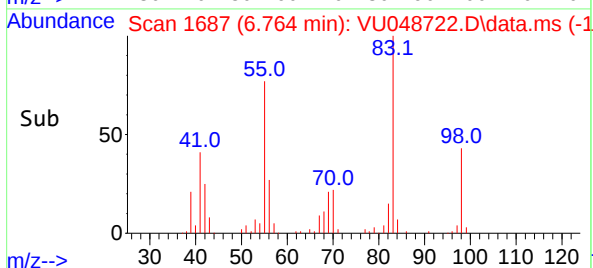
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

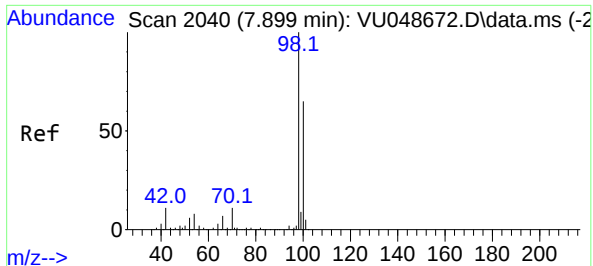


#39
Methylcyclohexane
Concen: 24.301 ug/l
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU048722.D
Acq: 28 May 2022 03:35



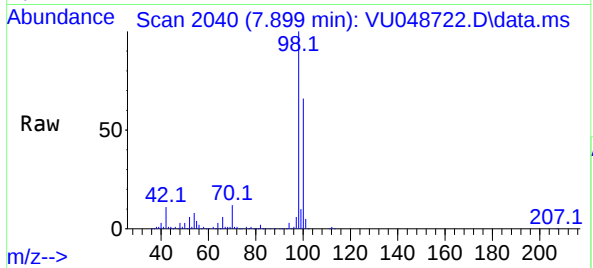
Tgt Ion: 83 Resp: 106288
Ion Ratio Lower Upper
83 100
55 77.6 61.0 91.6
98 43.8 36.8 55.2





#50
Toluene-d8
Concen: 46.816 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU048722.D
Acq: 28 May 2022 03:35

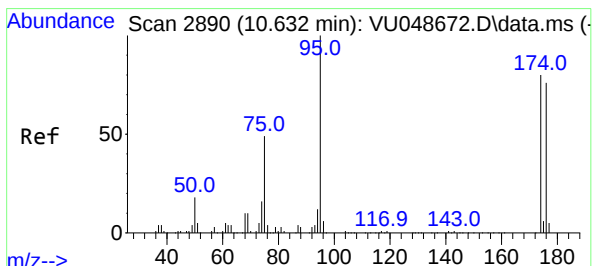
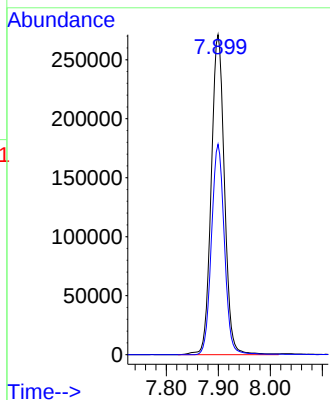
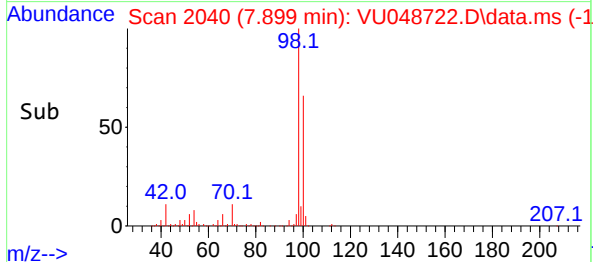
Instrument :
MSVOA_U
ClientSampleId :
HW-2



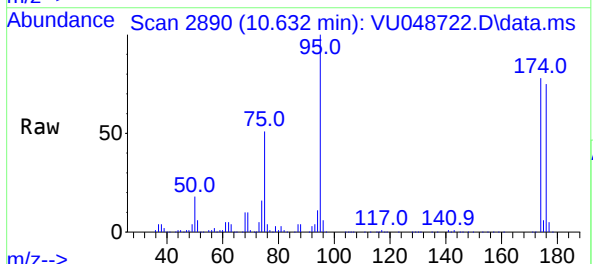
Tgt Ion: 98 Resp: 479654
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.4

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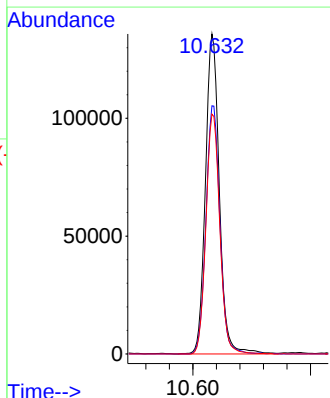
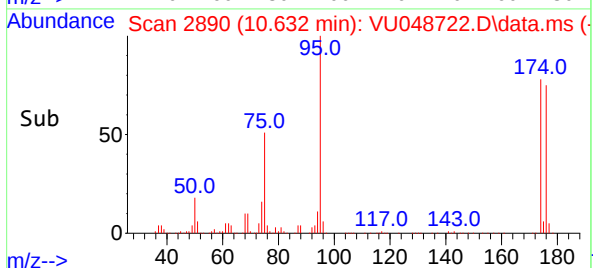
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

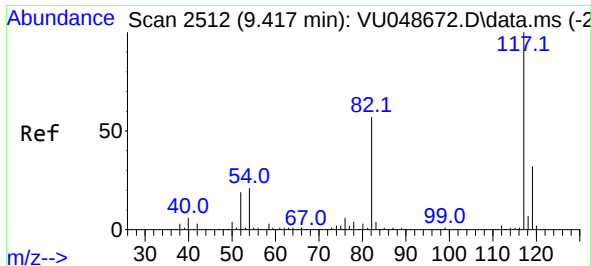


#62
4-Bromofluorobenzene
Concen: 57.391 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU048722.D
Acq: 28 May 2022 03:35



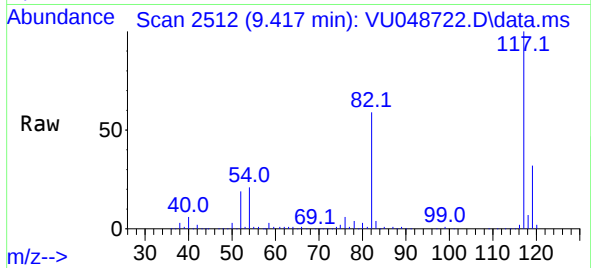
Tgt Ion: 95 Resp: 222375
Ion Ratio Lower Upper
95 100
174 77.8 0.0 159.4
176 75.0 0.0 152.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048722.D
Acq: 28 May 2022 03:35

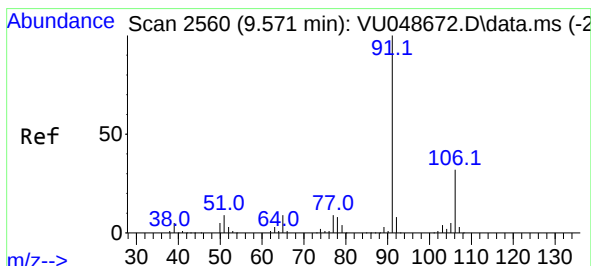
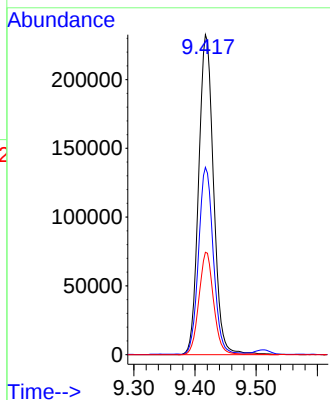
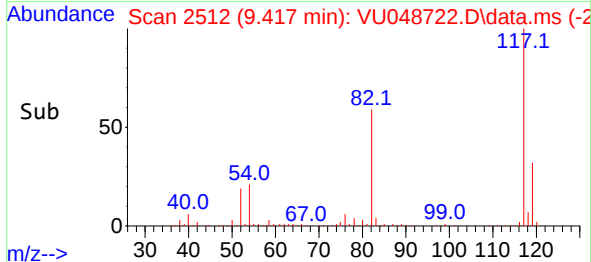
Instrument :
MSVOA_U
ClientSampleId :
HW-2



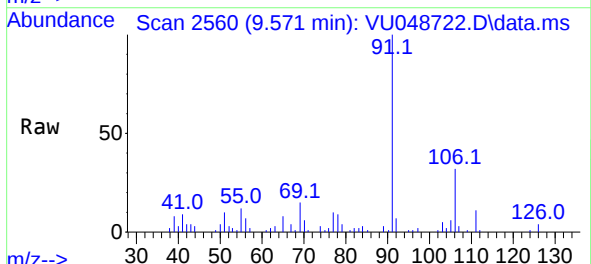
Tgt Ion:117 Resp: 394834
Ion Ratio Lower Upper
117 100
82 58.4 45.3 67.9
119 32.0 25.4 38.2

Manual Integrations
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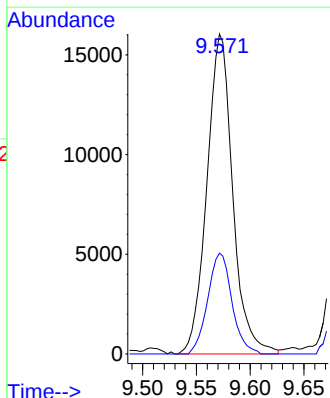
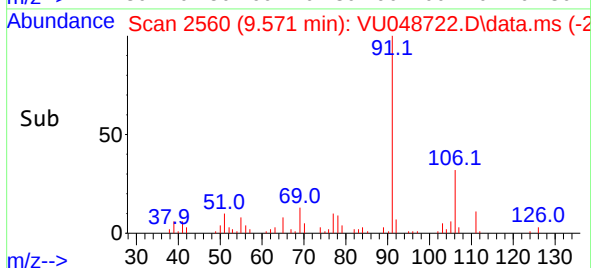
Reviewed By :John Carlone 05/31/2022
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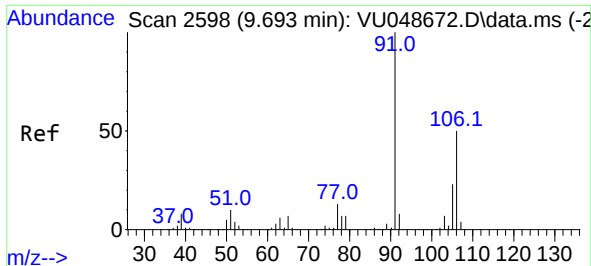


#67
Ethyl Benzene
Concen: 1.900 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU048722.D
Acq: 28 May 2022 03:35



Tgt Ion: 91 Resp: 26766
Ion Ratio Lower Upper
91 100
106 31.5 25.4 38.2





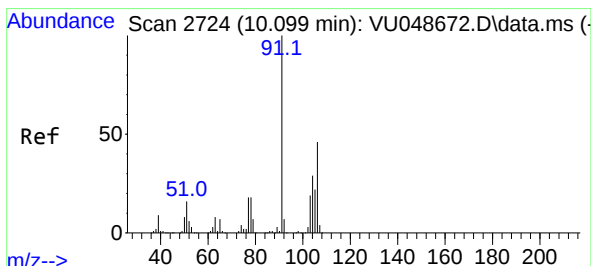
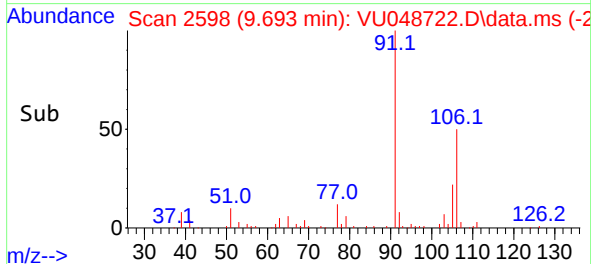
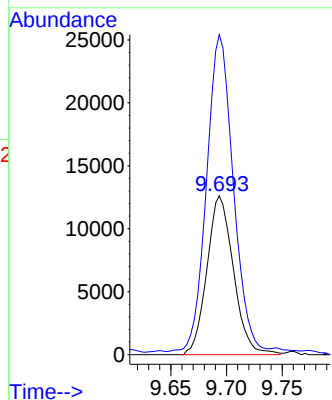
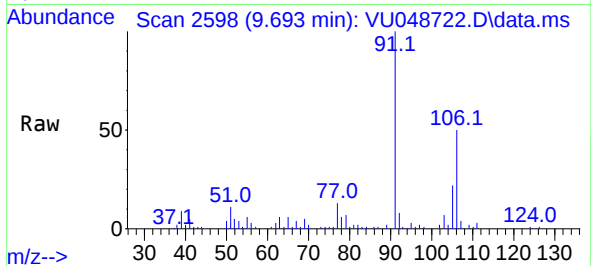
#68
m/p-Xylenes
Concen: 3.794 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU048722.D
Acq: 28 May 2022 03:35

Instrument :
MSVOA_U
ClientSampleId :
HW-2

Tgt Ion:106 Resp: 20899
Ion Ratio Lower Upper
106 100
91 199.6 162.4 243.6

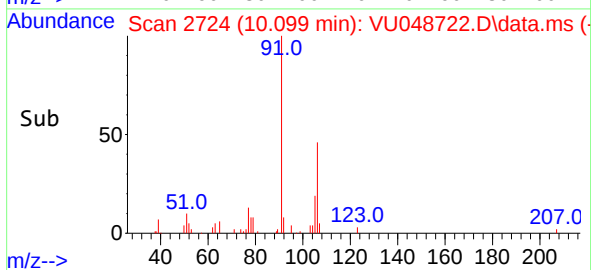
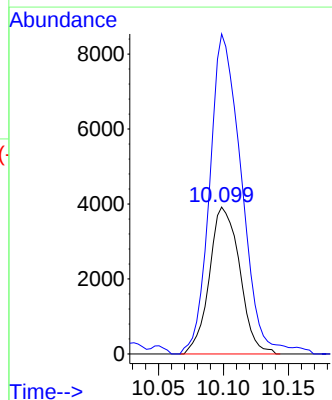
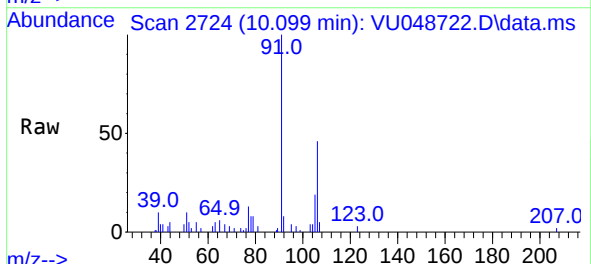
Manual Integrations
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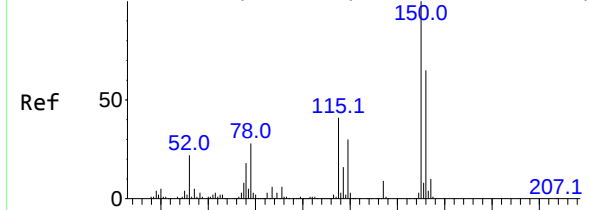


#69
o-Xylene
Concen: 1.176 ug/l
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU048722.D
Acq: 28 May 2022 03:35

Tgt Ion:106 Resp: 6363
Ion Ratio Lower Upper
106 100
91 228.4 107.7 323.3

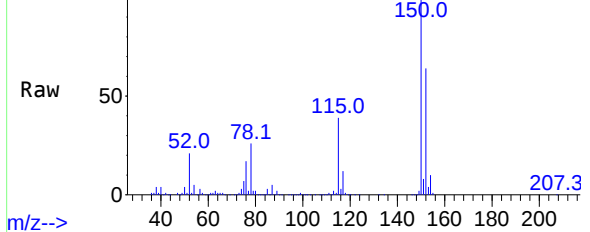


Abundance Scan 3256 (11.809 min): VU048672.D\data.ms (-



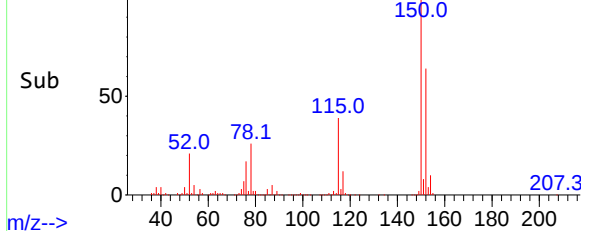
m/z-->

Abundance Scan 3257 (11.812 min): VU048722.D\data.ms (-



m/z-->

Abundance Scan 3257 (11.812 min): VU048722.D\data.ms (-



m/z-->

#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.812 min Scan# 3257

Delta R.T. 0.003 min

Lab File: VU048722.D

Acq: 28 May 2022 03:35

Tgt Ion: 152 Resp: 234939

Ion Ratio Lower Upper

152 100

115 60.3 41.8 125.4

150 155.3 0.0 341.0

Instrument :

MSVOA_U

ClientSampleId :

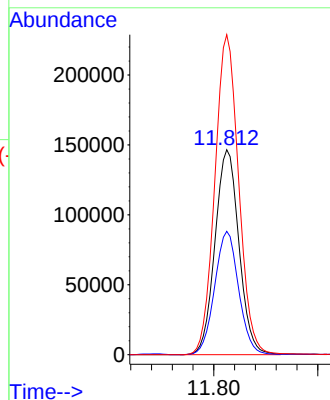
HW-2

Manual Integrations

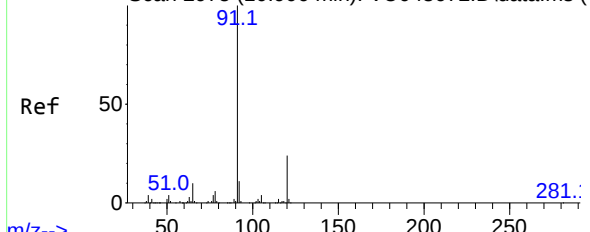
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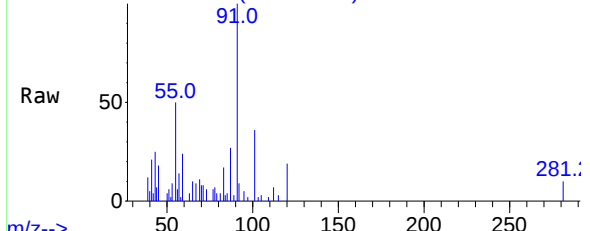


Abundance Scan 2975 (10.906 min): VU048672.D\data.ms (-



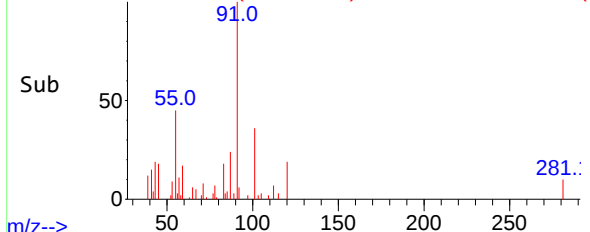
m/z-->

Abundance Scan 2975 (10.906 min): VU048722.D\data.ms (-



m/z-->

Abundance Scan 2975 (10.906 min): VU048722.D\data.ms (-



m/z-->

#78

n-propylbenzene

Concen: 0.446 ug/l

RT: 10.906 min Scan# 2975

Delta R.T. 0.000 min

Lab File: VU048722.D

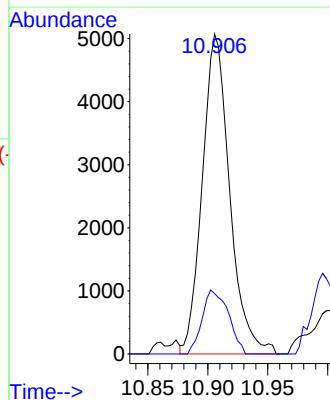
Acq: 28 May 2022 03:35

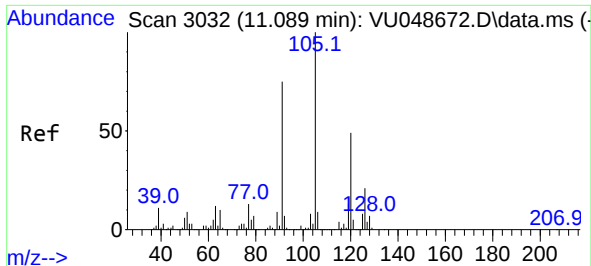
Tgt Ion: 91 Resp: 8057

Ion Ratio Lower Upper

91 100

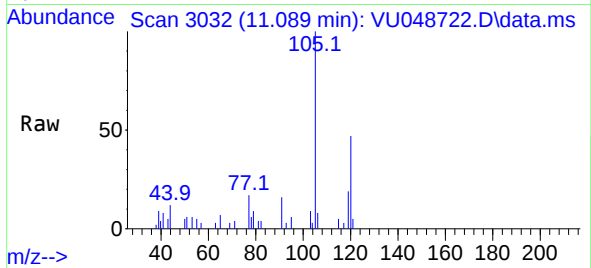
120 19.0 11.6 34.7





#80
1,3,5-Trimethylbenzene
Concen: 0.488 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU048722.D
Acq: 28 May 2022 03:35

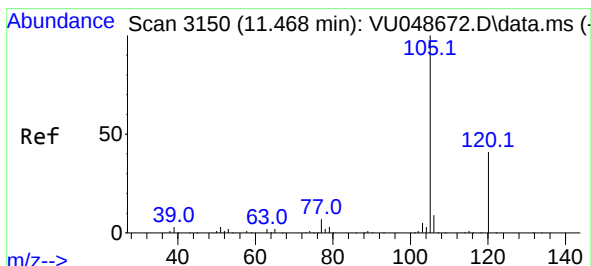
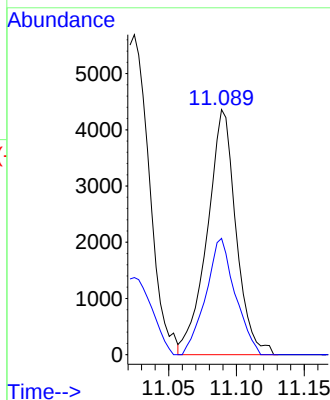
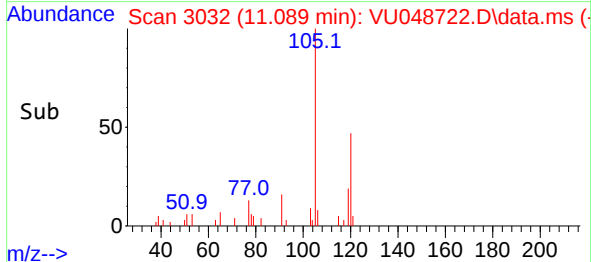
Instrument :
MSVOA_U
ClientSampleId :
HW-2



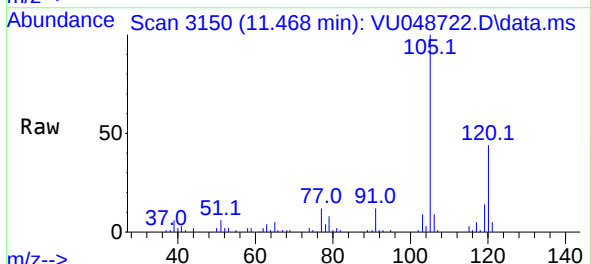
Tgt Ion:105 Resp: 6435
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.3

Manual Integrations
APPROVED

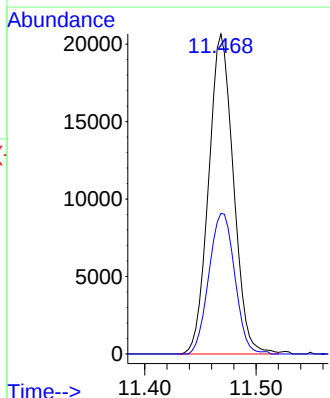
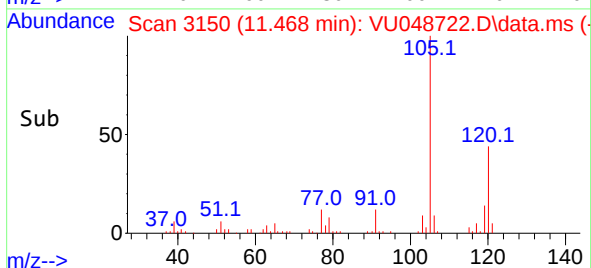
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

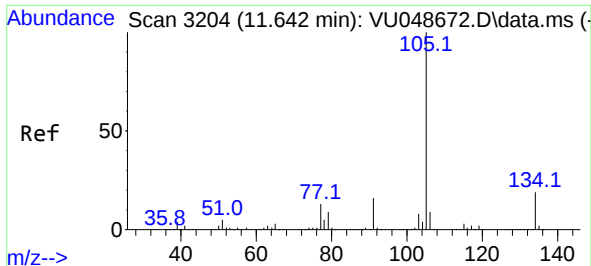


#84
1,2,4-Trimethylbenzene
Concen: 3.383 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU048722.D
Acq: 28 May 2022 03:35



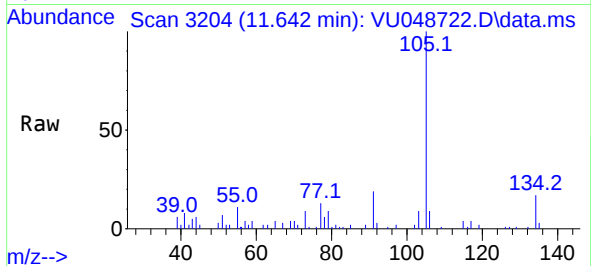
Tgt Ion:105 Resp: 31975
Ion Ratio Lower Upper
105 100
120 45.8 22.5 67.5





#85
 sec-Butylbenzene
 Concen: 1.210 ug/l
 RT: 11.642 min Scan# 3204
 Delta R.T. 0.000 min
 Lab File: VU048722.D
 Acq: 28 May 2022 03:35

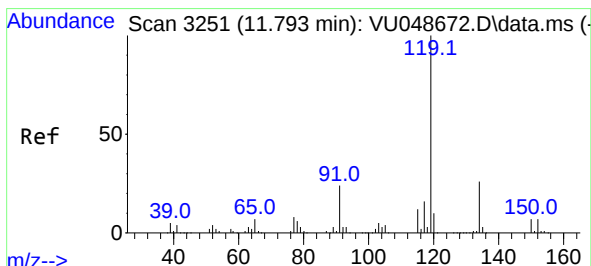
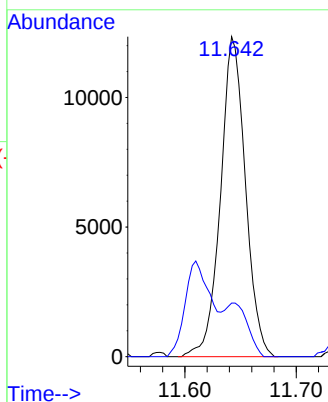
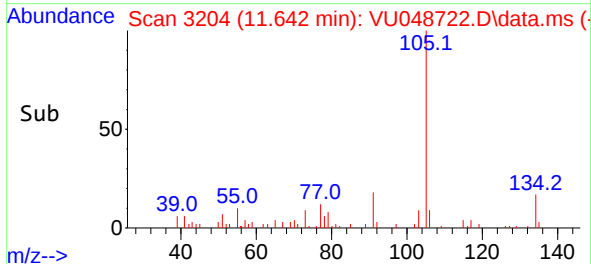
Instrument :
 MSVOA_U
 ClientSampleId :
 HW-2



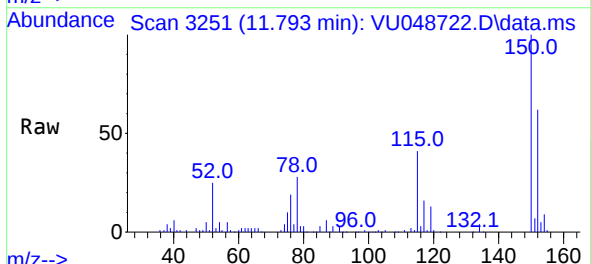
Tgt Ion:105 Resp: 19170
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.6 28.6

Manual Integrations
 APPROVED

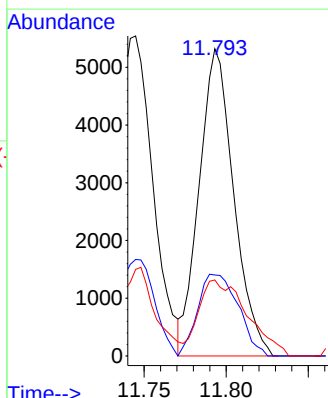
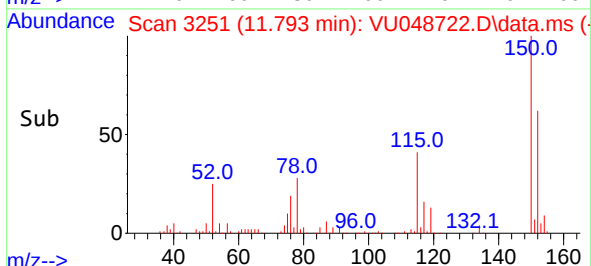
Reviewed By :John Carlone 05/31/2022
 Supervised By :Mahesh Dadoda 05/31/2022

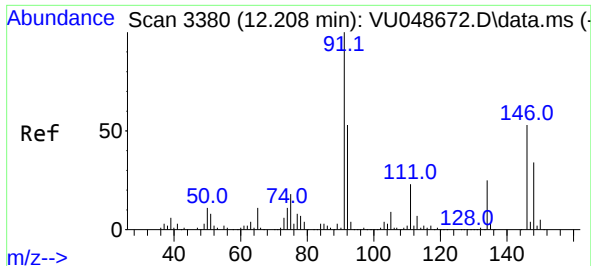


#86
 p-Isopropyltoluene
 Concen: 0.574 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. 0.000 min
 Lab File: VU048722.D
 Acq: 28 May 2022 03:35



Tgt Ion:119 Resp: 7805
 Ion Ratio Lower Upper
 119 100
 134 31.1 12.8 38.4
 91 34.6 12.0 36.0





#89

n-Butylbenzene

Concen: 7.307 ug/l m

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU048722.D

Acq: 28 May 2022 03:35

Instrument :

MSVOA_U

ClientSampleId :

HW-2

Tgt Ion: 91 Resp: 72904

Ion Ratio Lower Upper

91 100

92 53.4 25.9 77.8

134 0.0 12.5 37.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/31/2022

Supervised By :Mahesh Dadoda 05/31/2022

