

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
 Data File : VU048691.D
 Acq On : 27 May 2022 14:17
 Operator : SY/MD
 Sample : N3056-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-12

Manual Integrations
 APPROVED

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

Quant Time: May 28 00:18:38 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	194893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	329510	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	359014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	212142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	161015	55.012	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.020%			
35) Dibromofluoromethane	5.292	113	138212	58.794	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 117.580%			
50) Toluene-d8	7.899	98	424822	50.413	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.820%			
62) 4-Bromofluorobenzene	10.632	95	205190	64.385	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 128.760%#			
Target Compounds					Qvalue	
16) Acetone	2.623	43	4444	2.979	ug/l #	87
17) Carbon Disulfide	2.797	76	4105	0.709	ug/l	97
39) Methylcyclohexane	6.764	83	132425	36.811	ug/l	98
40) Benzene	5.777	78	37669	3.719	ug/l	99
44) Trichloroethene	6.546	130	931	0.357	ug/l	93
52) Toluene	7.973	92	16092	2.656	ug/l	96
67) Ethyl Benzene	9.571	91	4237505	330.882	ug/l	98
68) m/p-Xylenes	9.697	106	166929	33.327	ug/l	99
69) o-Xylene	10.102	106	169241	34.392	ug/l	97
73) Isopropylbenzene	10.484	105	1505839	109.949	ug/l	98
78) n-propylbenzene	10.906	91	1881991	115.320	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	811598	68.143	ug/l	100
84) 1,2,4-Trimethylbenzene	11.468	105	5513271	420.508	ug/l	99
85) sec-Butylbenzene	11.642	105	67042m	4.688	ug/l	
86) p-Isopropyltoluene	11.793	119	175122m	14.260	ug/l	
89) n-Butylbenzene	12.201	91	116939m	11.283	ug/l	

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

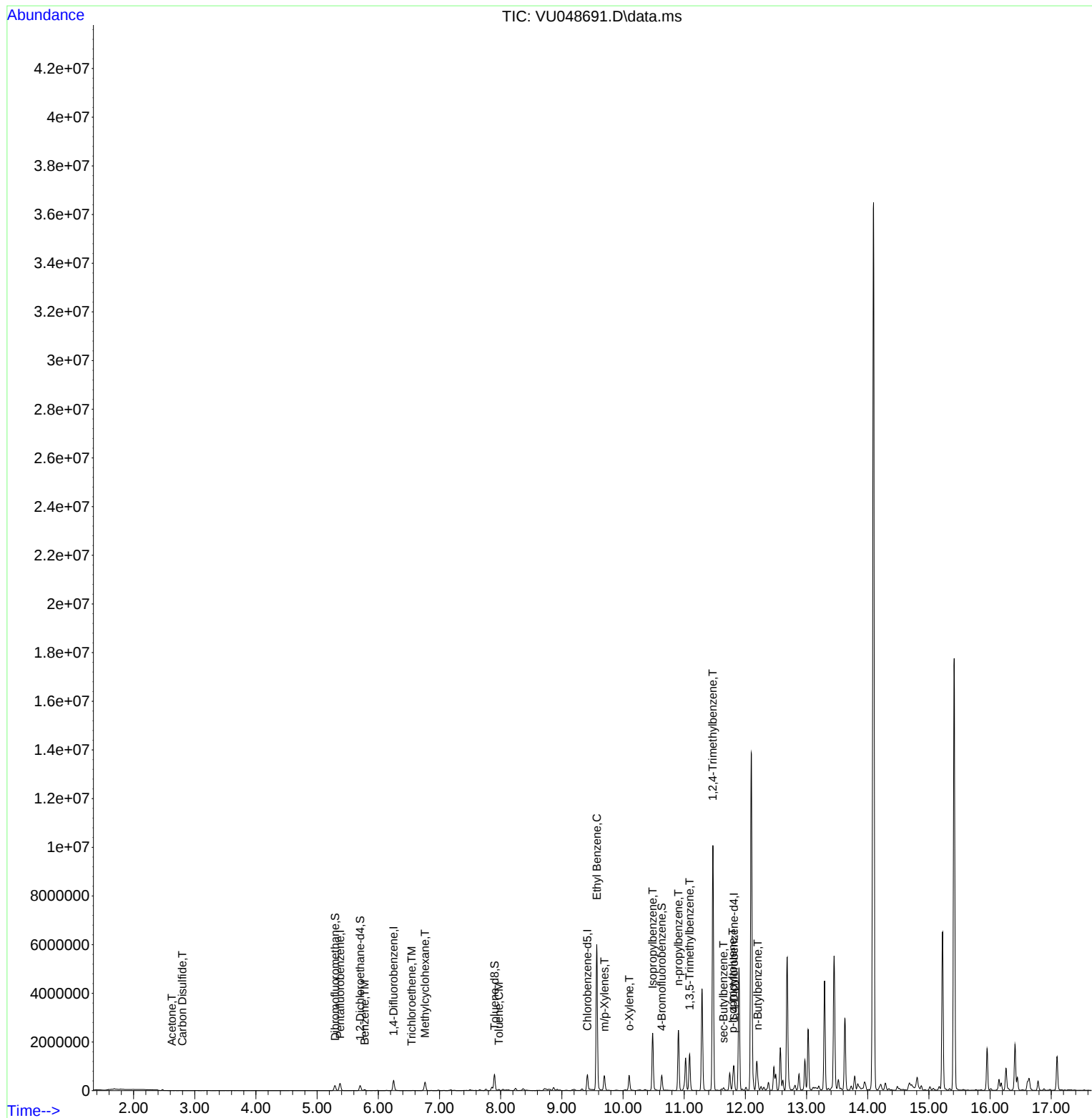
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
Data File : VU048691.D
Acq On : 27 May 2022 14:17
Operator : SY/MD
Sample : N3056-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

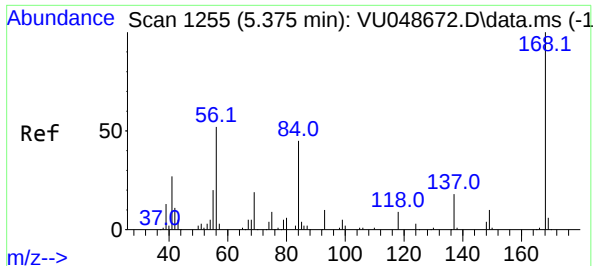
Instrument :
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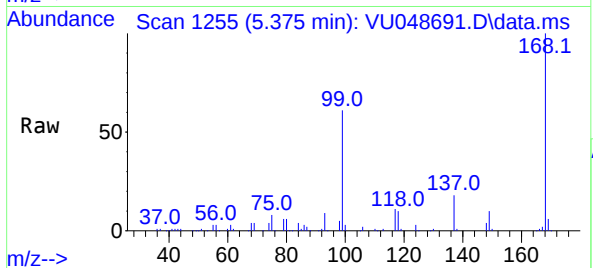
Quant Time: May 28 00:18:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260
QLast Update : Fri May 27 06:42:31 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048691.D
Acq: 27 May 2022 14:17

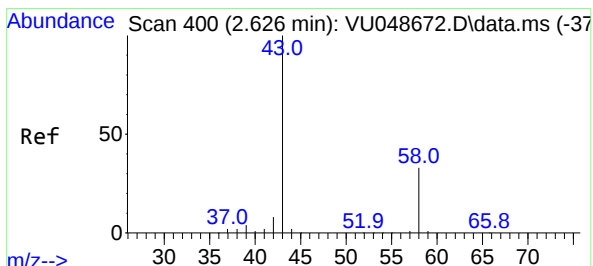
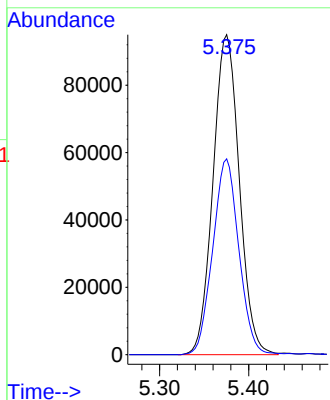
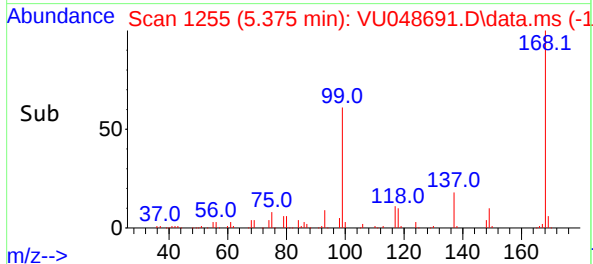
Instrument :
MSVOA_U
ClientSampleId :
MW-12



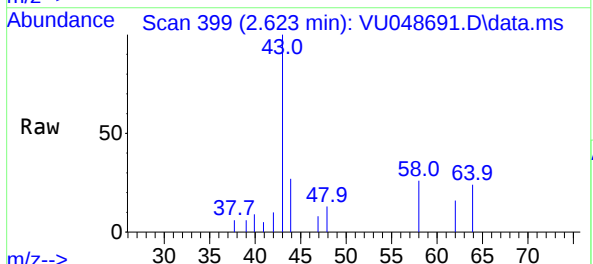
Tgt Ion:168 Resp: 19489
Ion Ratio Lower Upper
168 100
99 61.2 49.3 73.9

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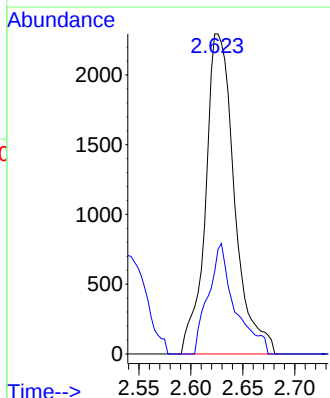
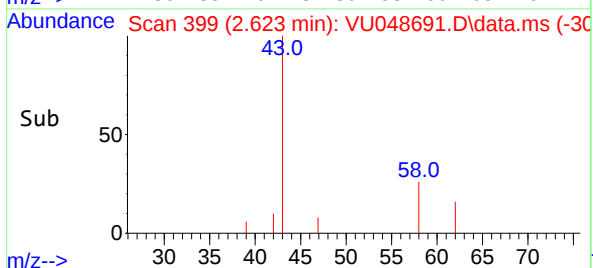
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

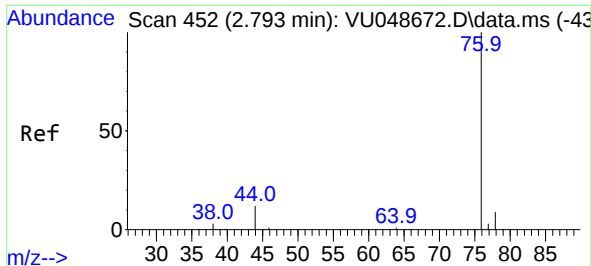


#16
Acetone
Concen: 2.979 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU048691.D
Acq: 27 May 2022 14:17



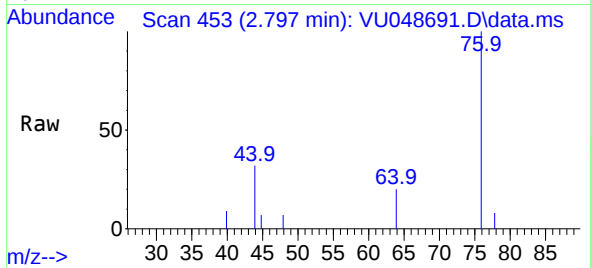
Tgt Ion: 43 Resp: 4444
Ion Ratio Lower Upper
43 100
58 25.7 26.3 39.5#





#17
Carbon Disulfide
Concen: 0.709 ug/l
RT: 2.797 min Scan# 410
Delta R.T. 0.003 min
Lab File: VU048691.D
Acq: 27 May 2022 14:17

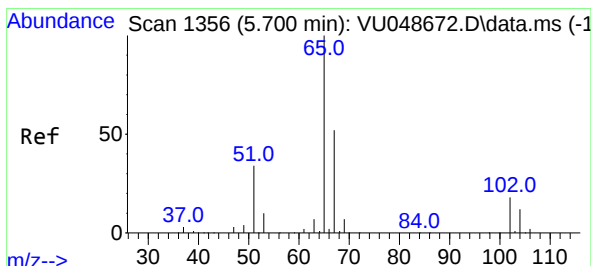
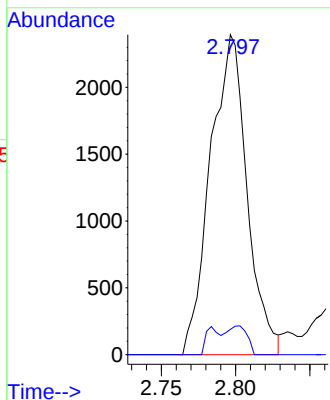
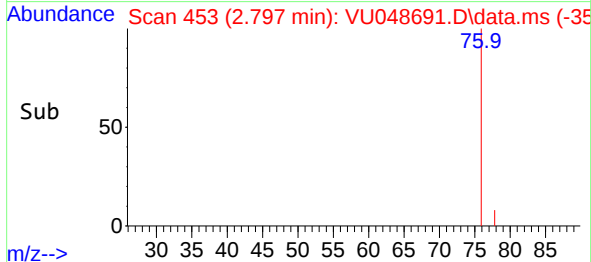
Instrument :
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ClientSampleId :
MW-12



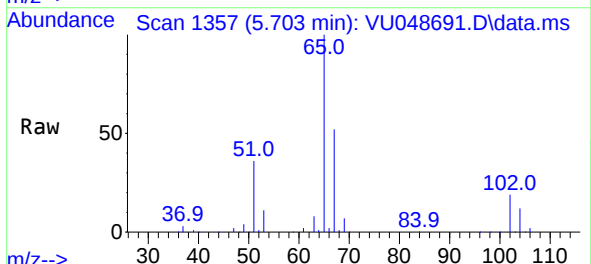
Tgt Ion: 76 Resp: 410
Ion Ratio Lower Upper
76 100
78 7.9 7.3 10.9

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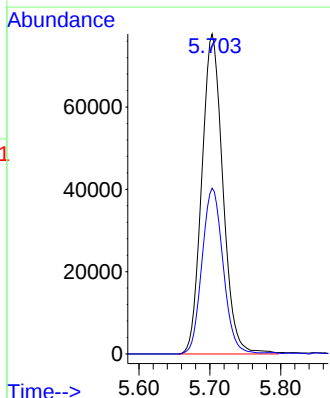
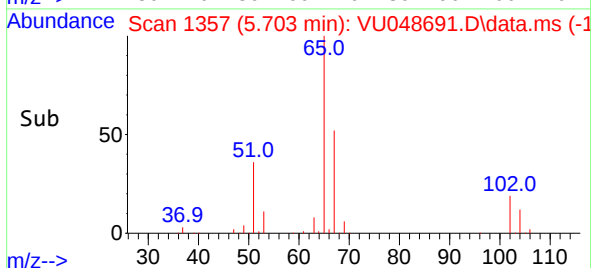
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

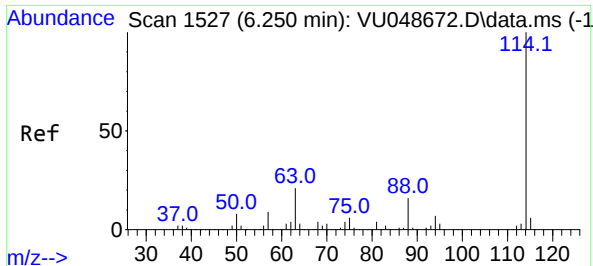


#33
1,2-Dichloroethane-d4
Concen: 55.012 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. 0.003 min
Lab File: VU048691.D
Acq: 27 May 2022 14:17



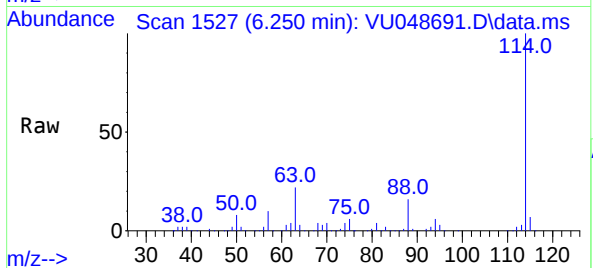
Tgt Ion: 65 Resp: 161015
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 114
Delta R.T. -0.000 min
Lab File: VU048691.D
Acq: 27 May 2022 14:17

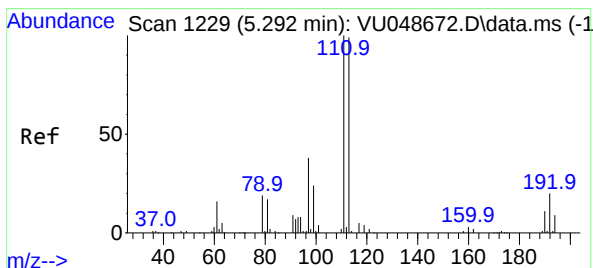
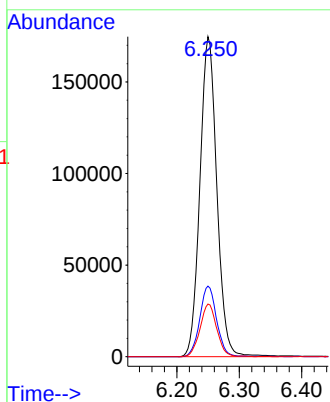
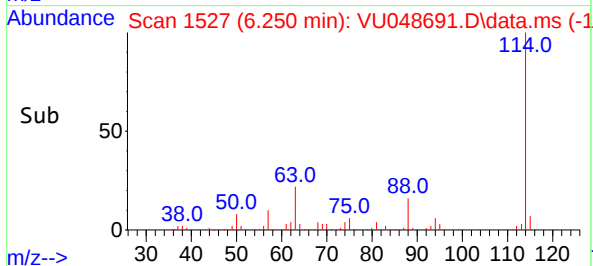
Instrument :
MSVOA_U
ClientSampleId :
MW-12



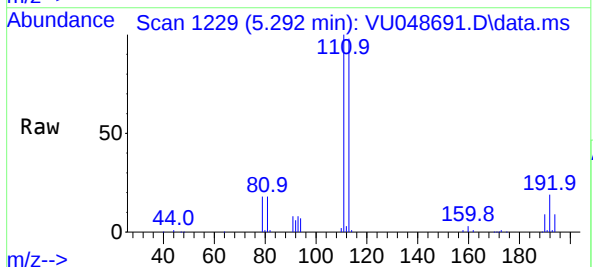
Tgt Ion:114 Resp: 329510
Ion Ratio Lower Upper
114 100
63 22.1 0.0 42.6
88 16.5 0.0 32.2

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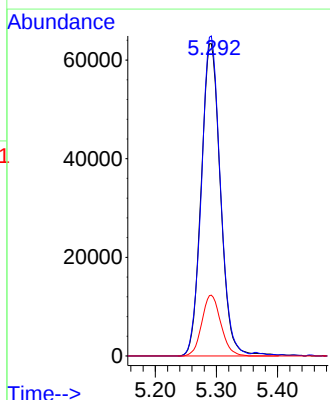
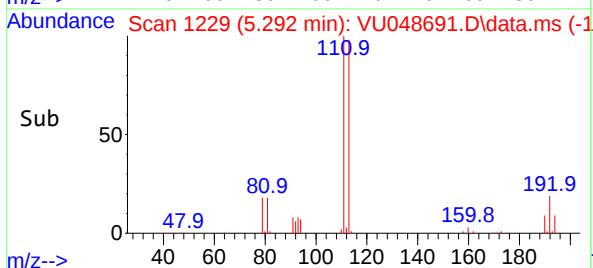
Reviewed By :John Carlone 05/31/2022
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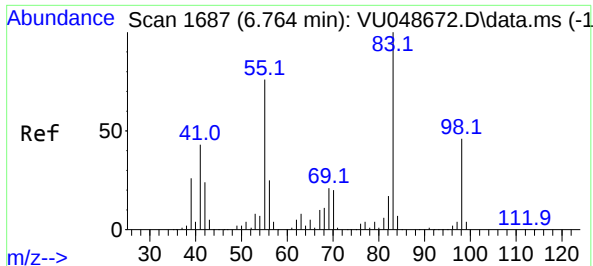


#35
Dibromofluoromethane
Concen: 58.794 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VU048691.D
Acq: 27 May 2022 14:17



Tgt Ion:113 Resp: 138212
Ion Ratio Lower Upper
113 100
111 100.7 80.7 121.1
192 19.3 15.9 23.9





#39

Methylcyclohexane

Concen: 36.811 ug/l

RT: 6.764 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048691.D

Acq: 27 May 2022 14:17

Instrument :

MSVOA_U

ClientSampleId :

MW-12

Tgt Ion: 83 Resp: 13242

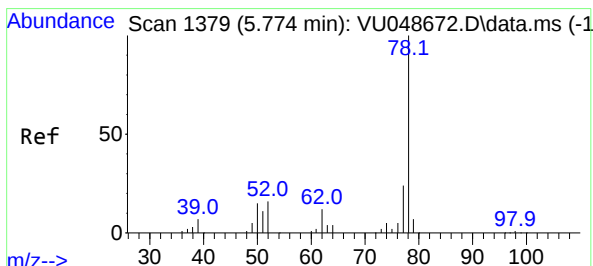
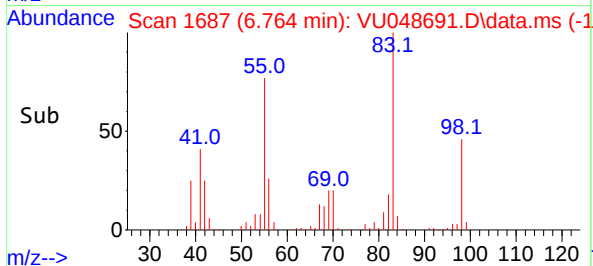
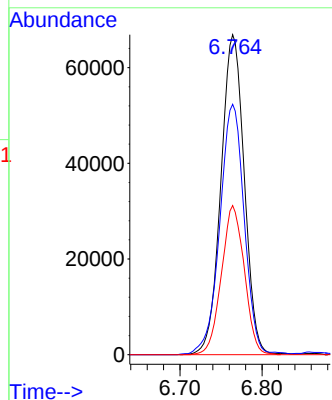
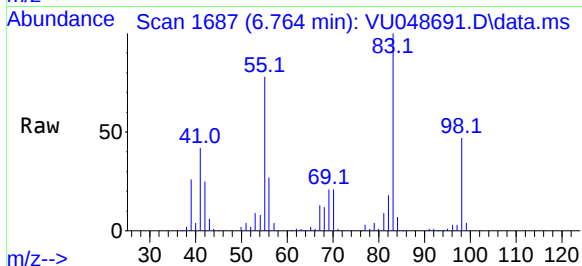
Ion	Ratio	Lower	Upper
83	100		
55	78.1	61.0	91.6
98	46.6	36.8	55.2

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#40

Benzene

Concen: 3.719 ug/l

RT: 5.777 min Scan# 1380

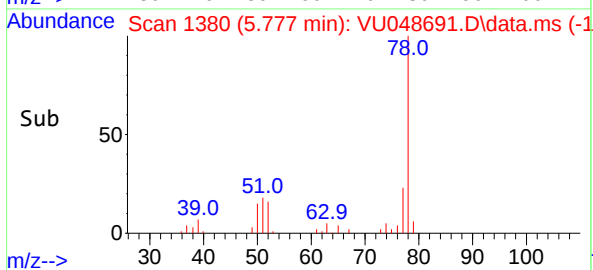
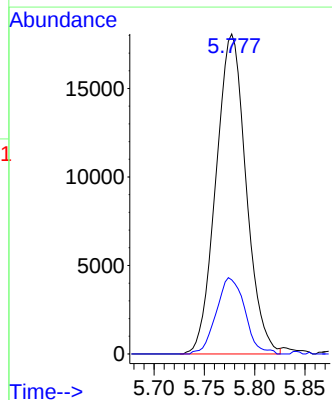
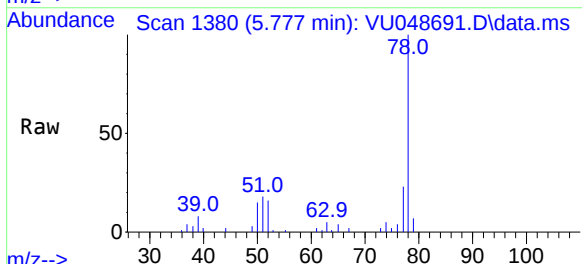
Delta R.T. 0.003 min

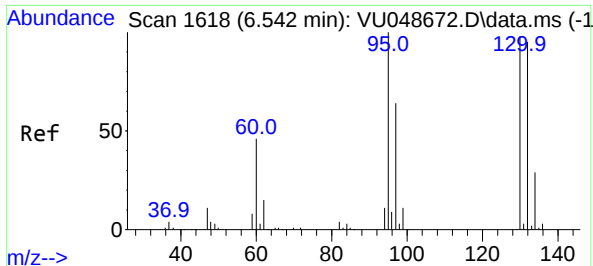
Lab File: VU048691.D

Acq: 27 May 2022 14:17

Tgt Ion: 78 Resp: 37669

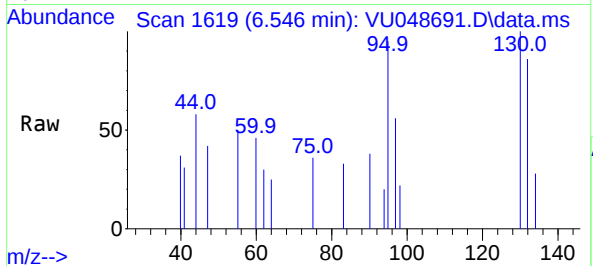
Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.0	28.6





#44
Trichloroethene
Concen: 0.357 ug/l
RT: 6.546 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU048691.D
Acq: 27 May 2022 14:17

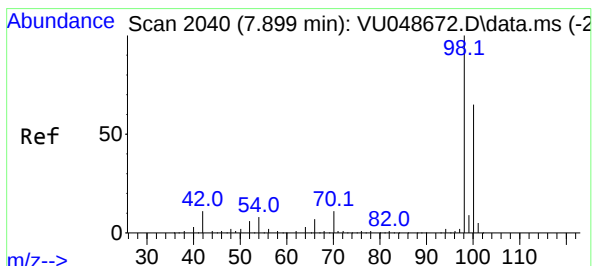
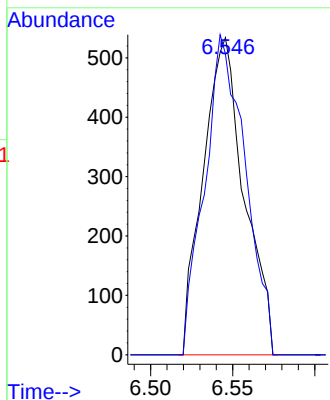
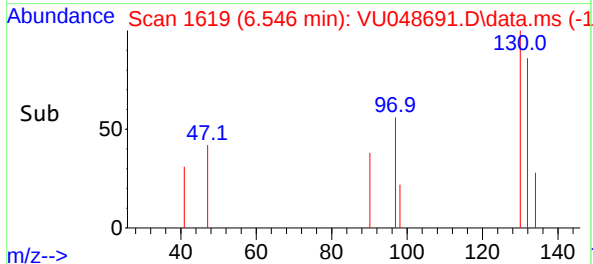
Instrument :
MSVOA_U
ClientSampleId :
MW-12



Tgt Ion:130 Resp: 93
Ion Ratio Lower Upper
130 100
95 94.9 0.0 204.8

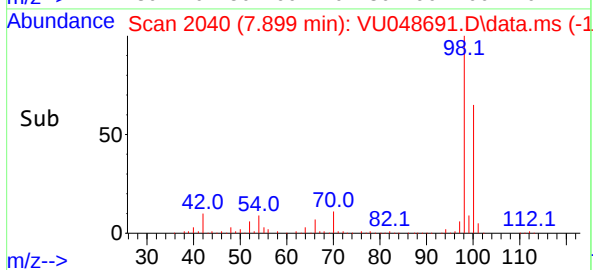
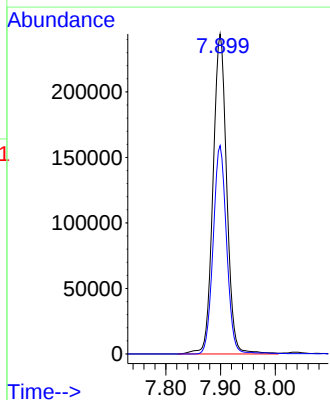
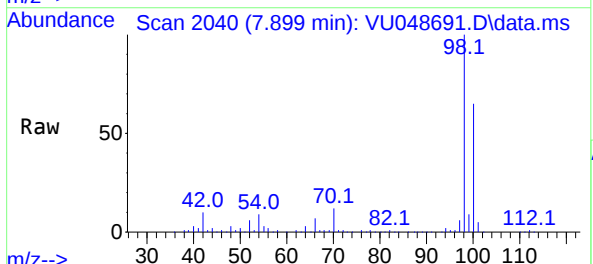
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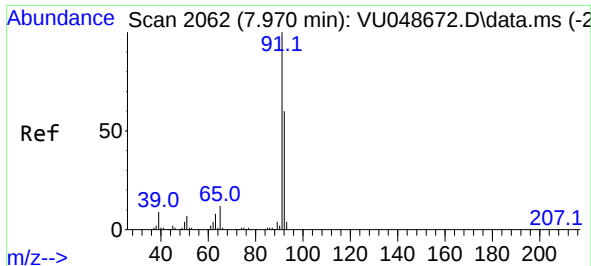
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#50
Toluene-d8
Concen: 50.413 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU048691.D
Acq: 27 May 2022 14:17

Tgt Ion: 98 Resp: 424822
Ion Ratio Lower Upper
98 100
100 63.6 52.2 78.4





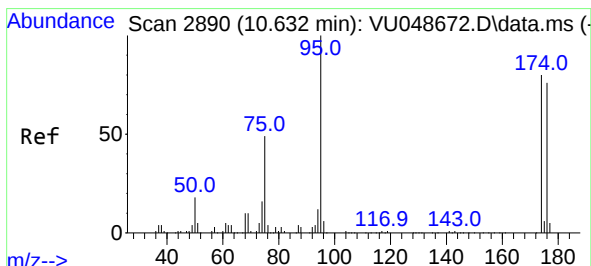
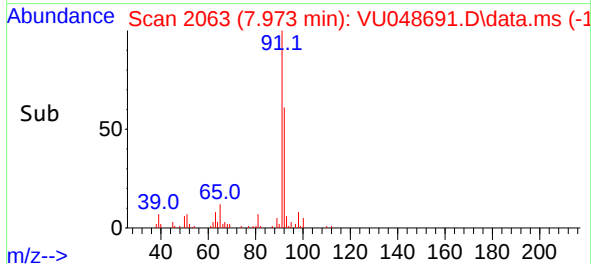
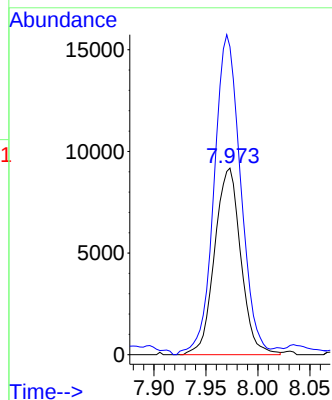
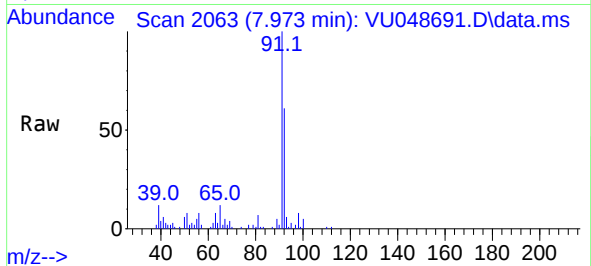
#52
Toluene
Concen: 2.656 ug/l
RT: 7.973 min Scan# 2062
Delta R.T. 0.003 min
Lab File: VU048691.D
Acq: 27 May 2022 14:17

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 92 Resp: 16092
Ion Ratio Lower Upper
92 100
91 173.8 135.0 202.4

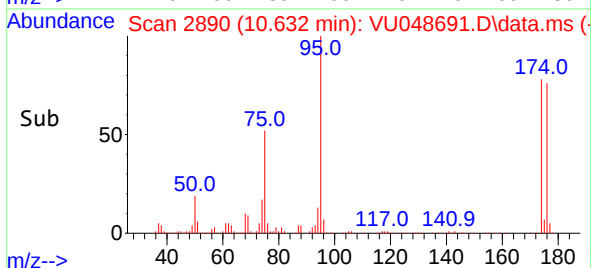
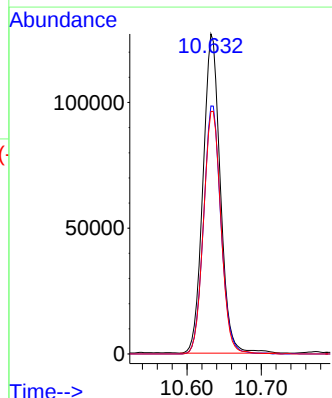
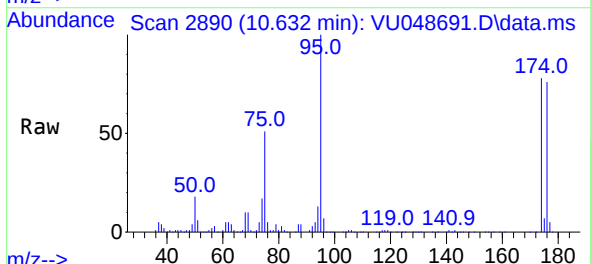
Manual Integrations
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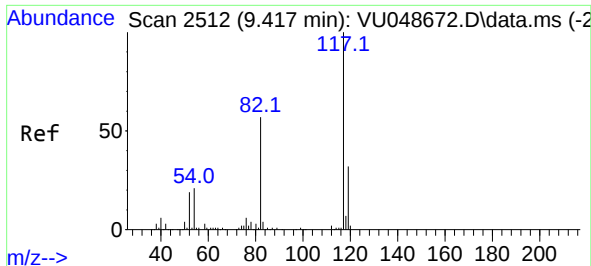
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#62
4-Bromofluorobenzene
Concen: 64.385 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU048691.D
Acq: 27 May 2022 14:17

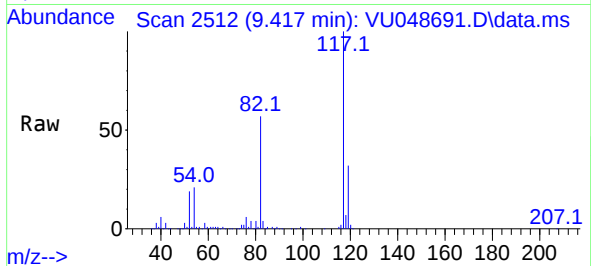
Tgt Ion: 95 Resp: 205190
Ion Ratio Lower Upper
95 100
174 77.9 0.0 159.4
176 76.9 0.0 152.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048691.D
Acq: 27 May 2022 14:17

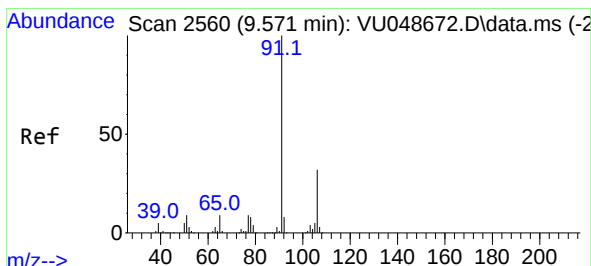
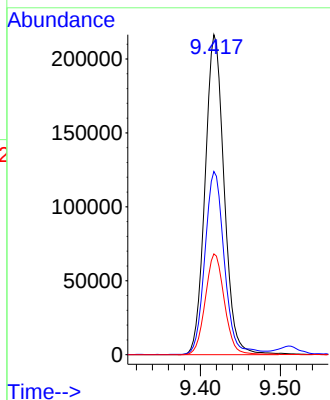
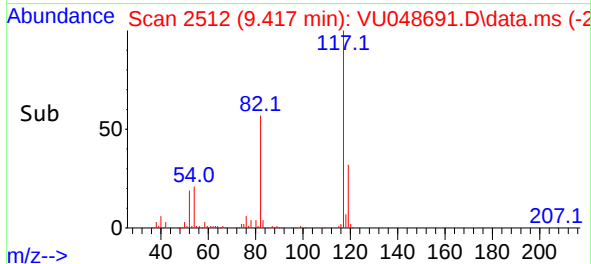
Instrument :
MSVOA_U
ClientSampleId :
MW-12



Tgt Ion: 117 Resp: 359014
Ion Ratio Lower Upper
117 100
82 57.1 45.3 67.9
119 31.5 25.4 38.2

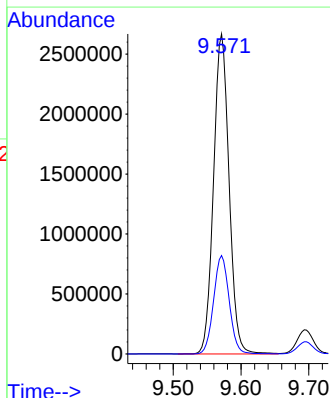
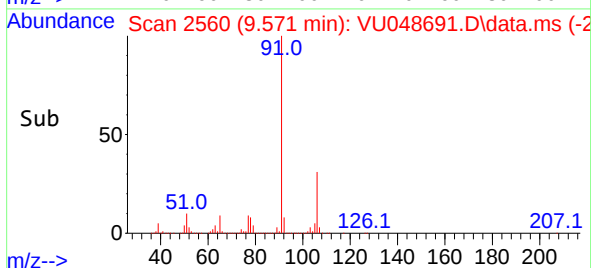
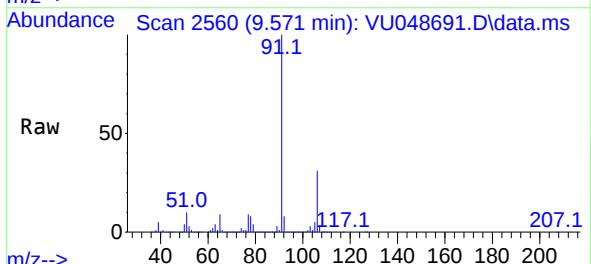
Manual Integrations
APPROVED

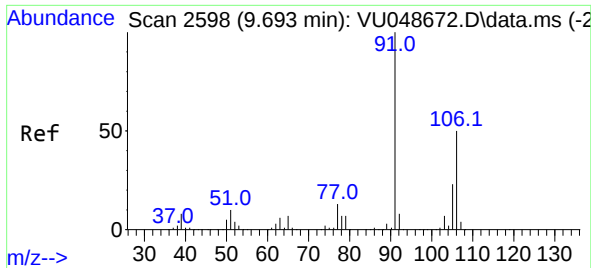
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#67
Ethyl Benzene
Concen: 330.882 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU048691.D
Acq: 27 May 2022 14:17

Tgt Ion: 91 Resp: 4237505
Ion Ratio Lower Upper
91 100
106 30.7 25.4 38.2





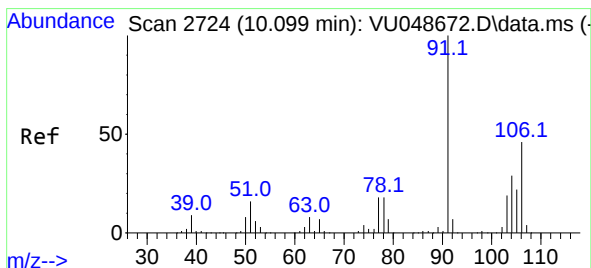
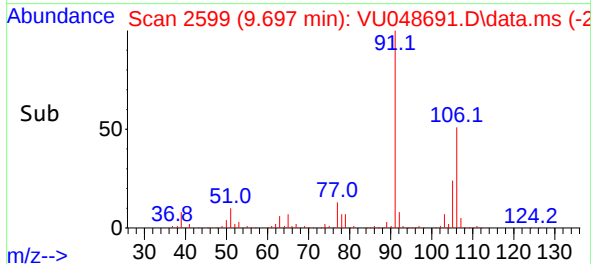
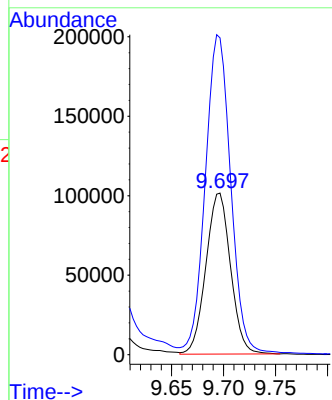
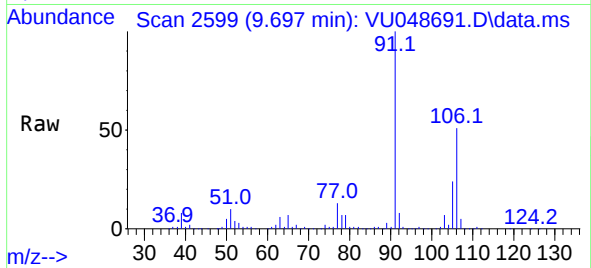
#68
m/p-Xylenes
Concen: 33.327 ug/l
RT: 9.697 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048691.D
Acq: 27 May 2022 14:17

Instrument :
MSVOA_U
ClientSampleId :
MW-12

Tgt Ion:106 Resp: 166929
Ion Ratio Lower Upper
106 100
91 204.8 162.4 243.6

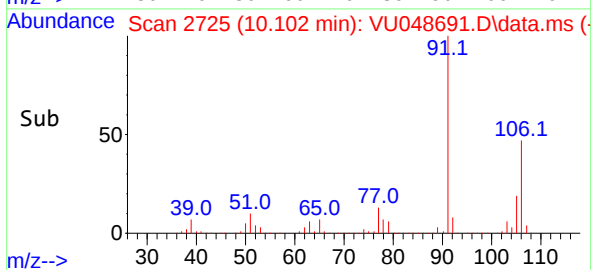
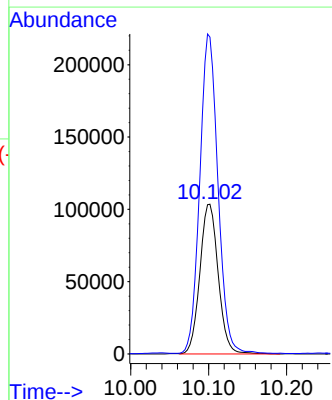
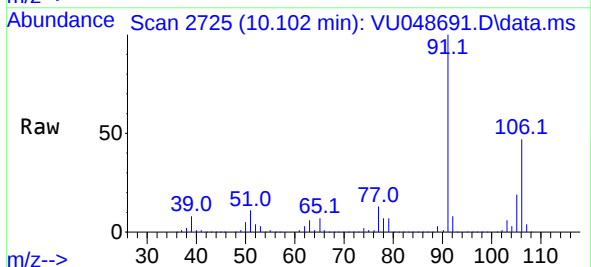
Manual Integrations
APPROVED

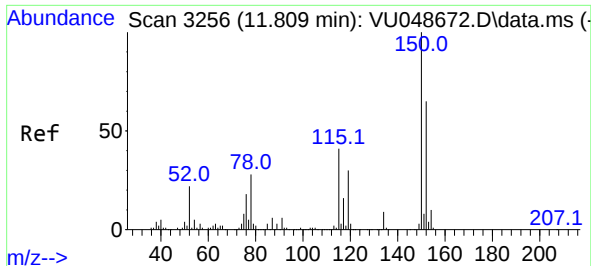
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#69
o-Xylene
Concen: 34.392 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU048691.D
Acq: 27 May 2022 14:17

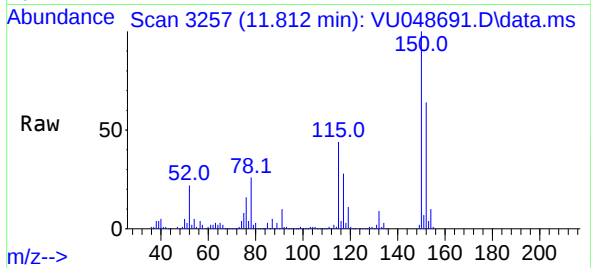
Tgt Ion:106 Resp: 169241
Ion Ratio Lower Upper
106 100
91 210.8 107.7 323.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048691.D
Acq: 27 May 2022 14:17

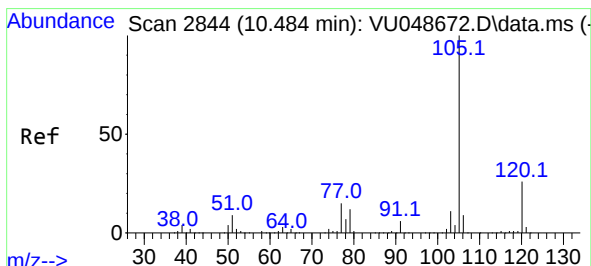
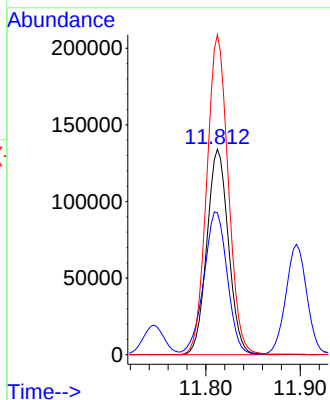
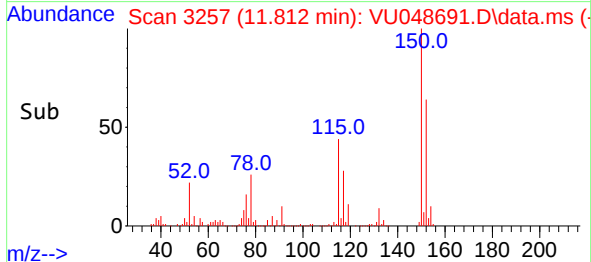
Instrument :
MSVOA_U
ClientSampleId :
MW-12



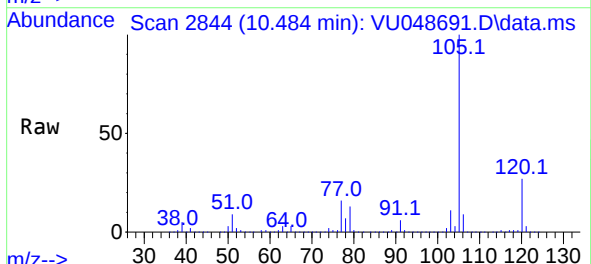
Tgt Ion:152 Resp: 21214
Ion Ratio Lower Upper
152 100
115 75.1 41.8 125.4
150 155.4 0.0 341.0

Manual Integrations
APPROVED

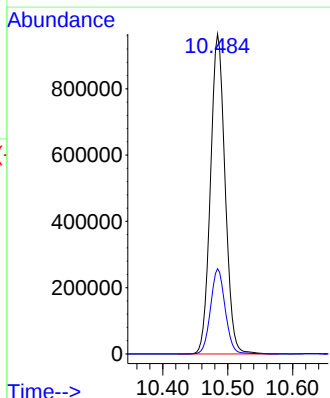
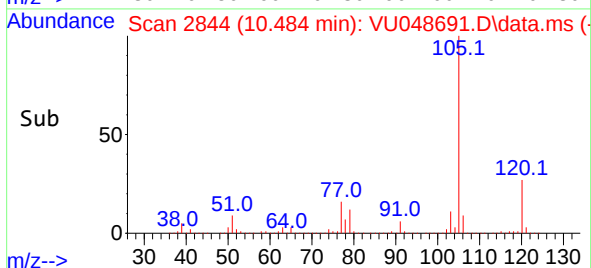
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

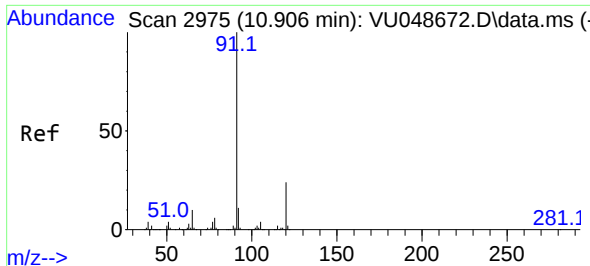


#73
Isopropylbenzene
Concen: 109.949 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU048691.D
Acq: 27 May 2022 14:17



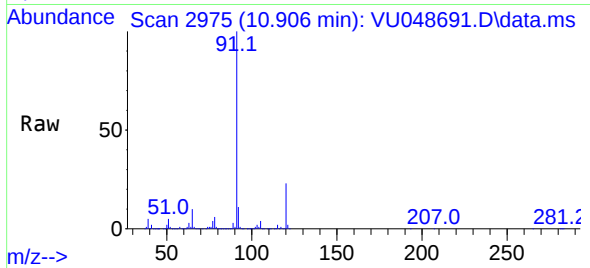
Tgt Ion:105 Resp: 1505839
Ion Ratio Lower Upper
105 100
120 26.7 12.9 38.6





#78
n-propylbenzene
Concen: 115.320 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU048691.D
Acq: 27 May 2022 14:17

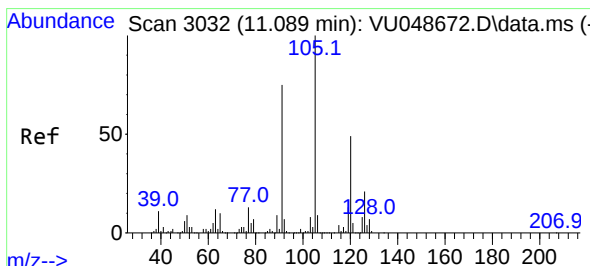
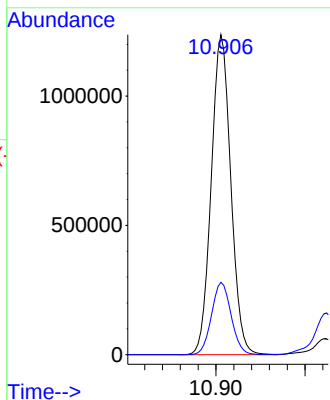
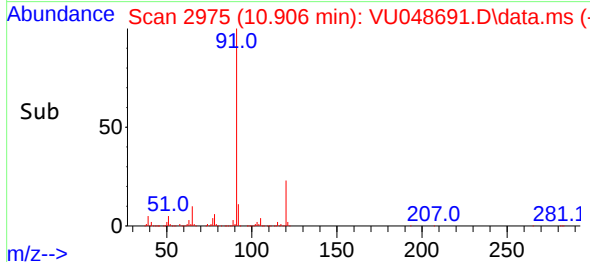
Instrument :
MSVOA_U
ClientSampleId :
MW-12



Tgt Ion: 91 Resp: 188199
Ion Ratio Lower Upper
91 100
120 22.7 11.6 34.7

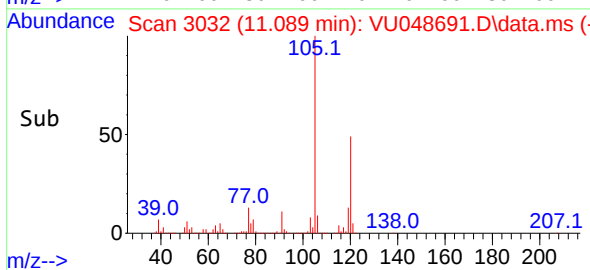
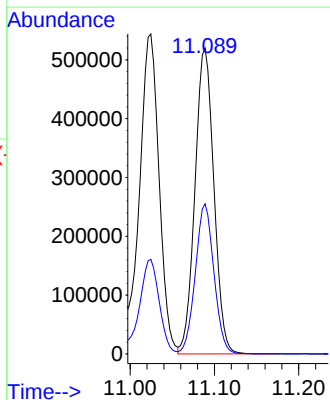
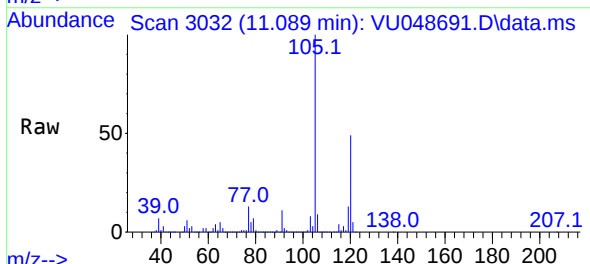
Manual Integrations
APPROVED

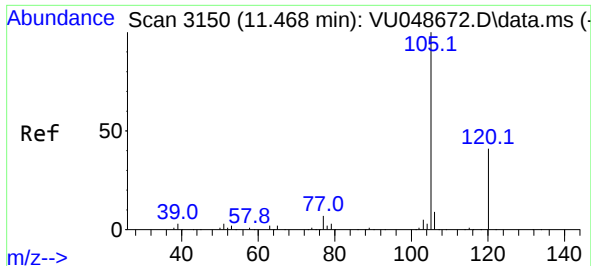
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#80
1,3,5-Trimethylbenzene
Concen: 68.143 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU048691.D
Acq: 27 May 2022 14:17

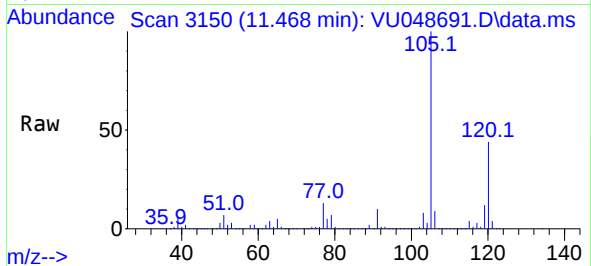
Tgt Ion:105 Resp: 811598
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.3





#84
1,2,4-Trimethylbenzene
Concen: 420.508 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU048691.D
Acq: 27 May 2022 14:17

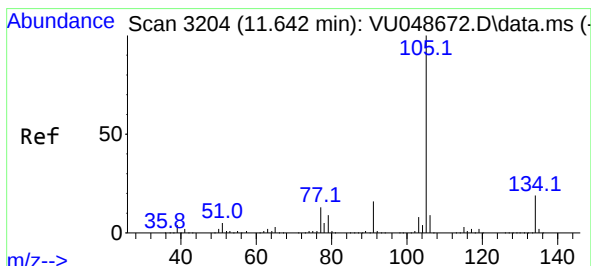
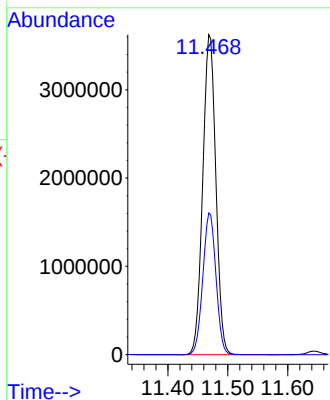
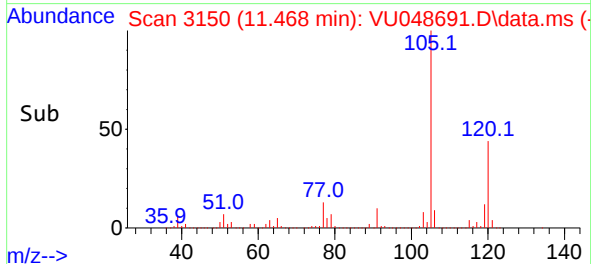
Instrument :
MSVOA_U
ClientSampleId :
MW-12



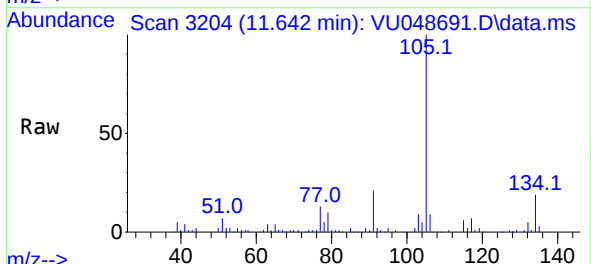
Tgt Ion:105 Resp: 551327
Ion Ratio Lower Upper
105 100
120 44.4 22.5 67.5

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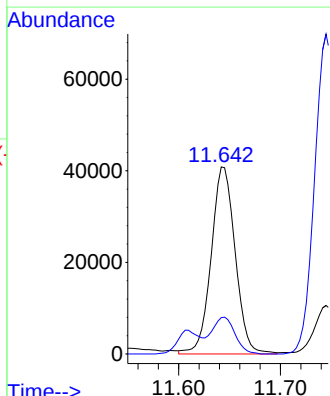
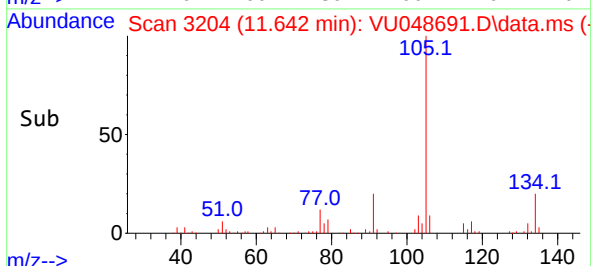
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

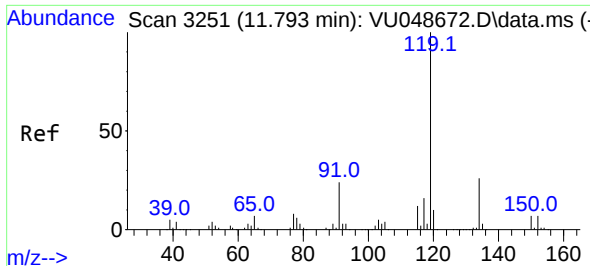


#85
sec-Butylbenzene
Concen: 4.688 ug/l m
RT: 11.642 min Scan# 3204
Delta R.T. -0.000 min
Lab File: VU048691.D
Acq: 27 May 2022 14:17



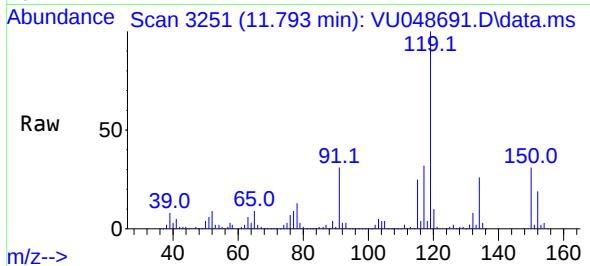
Tgt Ion:105 Resp: 67042
Ion Ratio Lower Upper
105 100
134 0.0 9.6 28.6#





#86
p-Isopropyltoluene
Concen: 14.260 ug/l m
RT: 11.793 min Scan# 3251
Delta R.T. -0.000 min
Lab File: VU048691.D
Acq: 27 May 2022 14:17

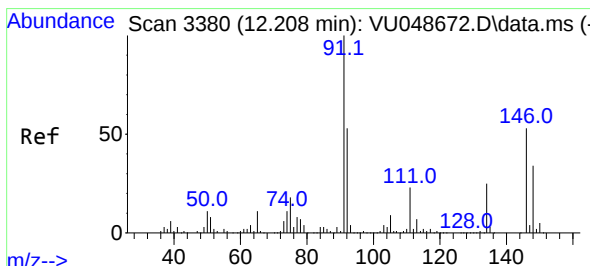
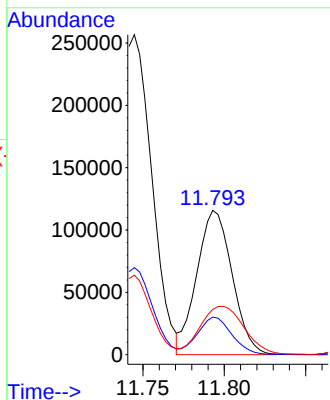
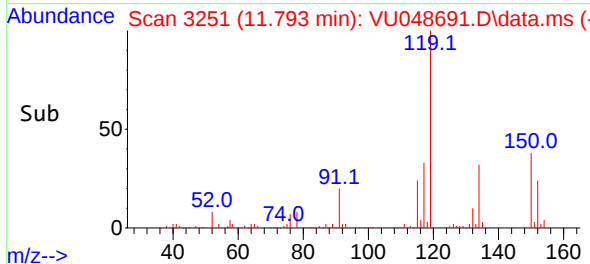
Instrument :
MSVOA_U
ClientSampleId :
MW-12



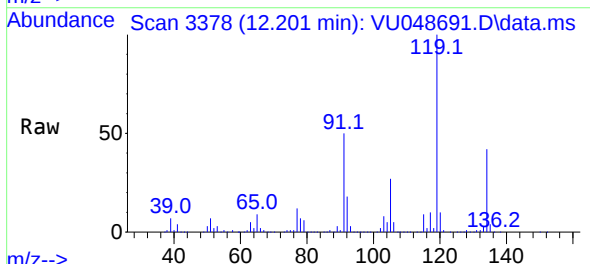
Tgt Ion: 119 Resp: 17512
Ion Ratio Lower Upper
119 100
134 61.5 12.8 38.4
91 54.7 12.0 36.0

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



#89
n-Butylbenzene
Concen: 11.283 ug/l m
RT: 12.201 min Scan# 3378
Delta R.T. -0.007 min
Lab File: VU048691.D
Acq: 27 May 2022 14:17



Tgt Ion: 91 Resp: 116939
Ion Ratio Lower Upper
91 100
92 57.1 25.9 77.8
134 208.5 12.5 37.5

