

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
 Data File : VU048719.D
 Acq On : 28 May 2022 02:24
 Operator : SY/MD
 Sample : N3033-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 HW-1

Quant Time: May 30 02:59:44 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

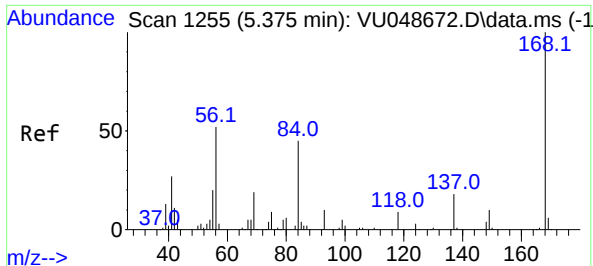
Manual Integrations APPROVED

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

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

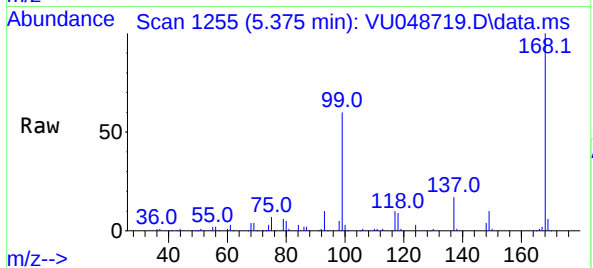
Internal Standards						
1) Pentafluorobenzene	5.375	168	225858	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	372280	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	375381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	223069	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	163237	48.125	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.240%		
35) Dibromofluoromethane	5.292	113	141330	53.213	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.420%		
50) Toluene-d8	7.899	98	450241	47.291	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.580%		
62) 4-Bromofluorobenzene	10.632	95	208449	57.893	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	115.780%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	3.173	59	228595	265.822	ug/l #	42
16) Acetone	2.626	43	9245	5.348	ug/l	96
19) Methyl tert-butyl Ether	3.363	73	1486944	170.475	ug/l	98
22) Diisopropyl ether	3.996	45	2117	0.258	ug/l #	80
40) Benzene	5.774	78	3760	0.329	ug/l	96
67) Ethyl Benzene	9.571	91	31691	2.367	ug/l	98
68) m/p-Xylenes	9.693	106	20010	3.821	ug/l	97
69) o-Xylene	10.099	106	8760	1.703	ug/l	97
78) n-propylbenzene	10.906	91	7681	0.448	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	6571	0.525	ug/l	96
84) 1,2,4-Trimethylbenzene	11.468	105	27704	3.191	ug/l	99
85) sec-Butylbenzene	11.645	105	4946	0.329	ug/l	97
89) n-Butylbenzene	12.211	91	1278m	2.280	ug/l	
95) Naphthalene	14.089	128	137599	9.972	ug/l	99

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048719.D
Acq: 28 May 2022 02:24

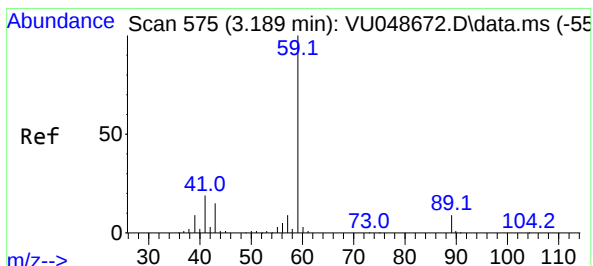
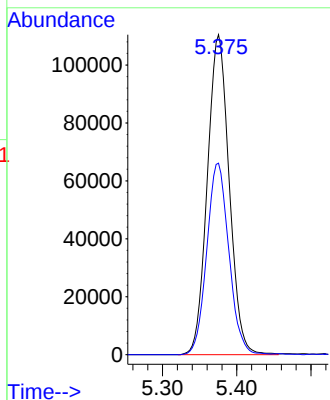
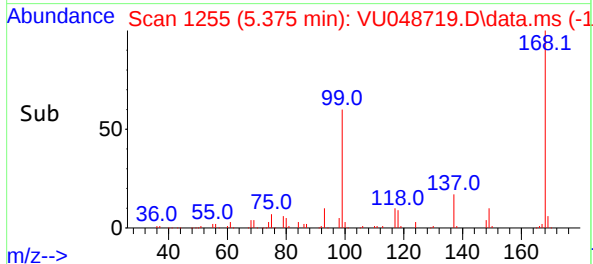
Instrument :
MSVOA_U
ClientSampleId :
HW-1



Tgt Ion:168 Resp: 225858
Ion Ratio Lower Upper
168 100
99 59.8 49.3 73.9

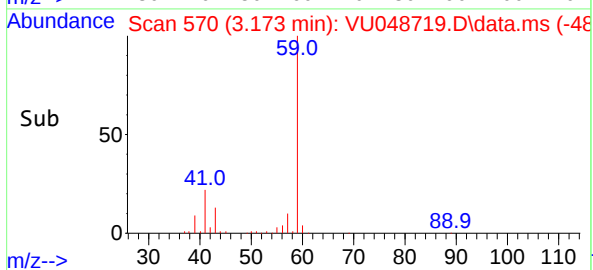
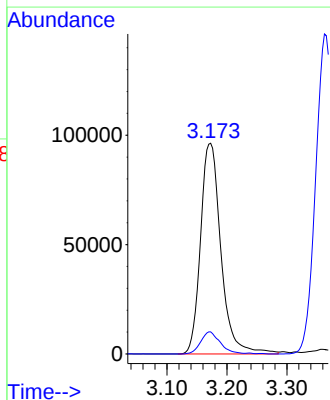
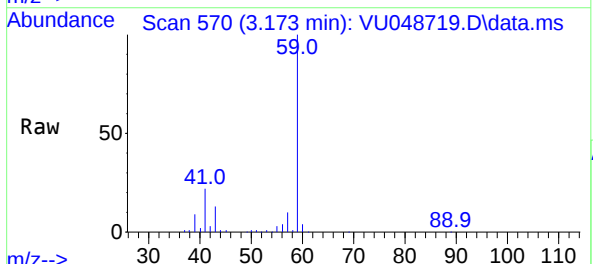
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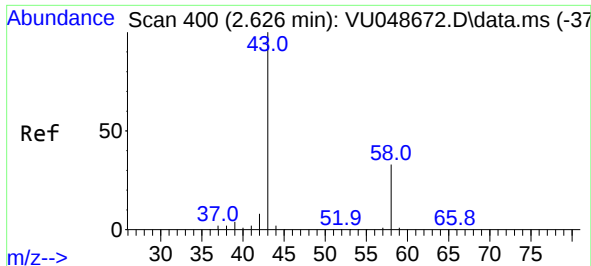
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#11
Tert butyl alcohol
Concen: 265.822 ug/l
RT: 3.173 min Scan# 570
Delta R.T. -0.016 min
Lab File: VU048719.D
Acq: 28 May 2022 02:24

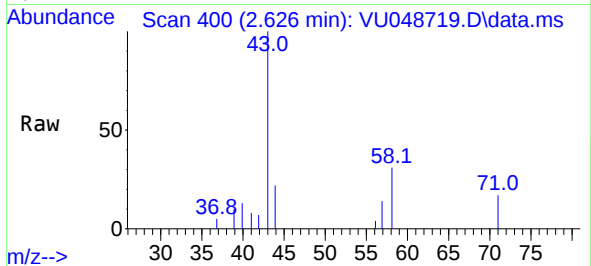
Tgt Ion: 59 Resp: 228595
Ion Ratio Lower Upper
59 100
57 10.0 39.7 59.5#





#16
Acetone
Concen: 5.348 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU048719.D
Acq: 28 May 2022 02:24

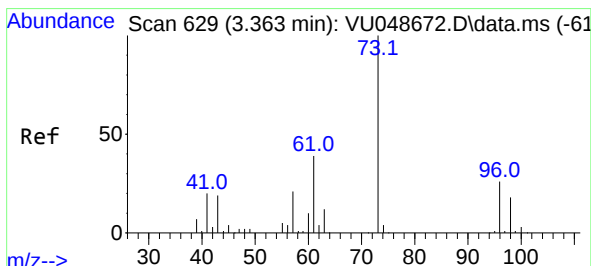
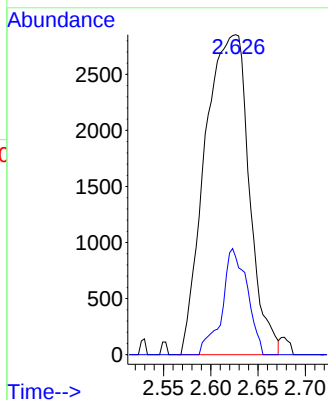
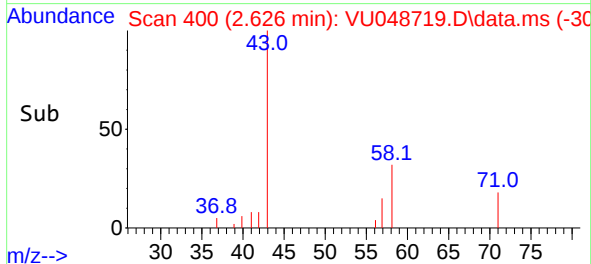
Instrument :
MSVOA_U
ClientSampleId :
HW-1



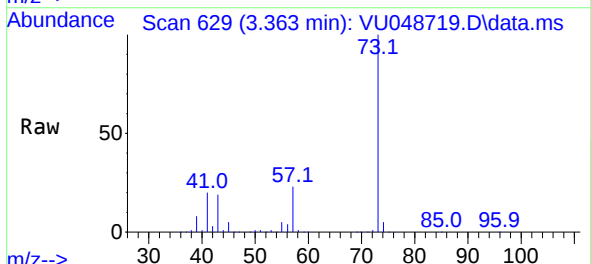
Tgt Ion: 43 Resp: 924
Ion Ratio Lower Upper
43 100
58 30.5 26.3 39.5

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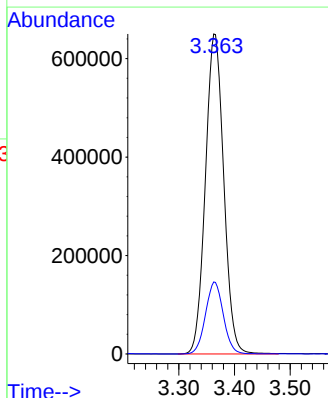
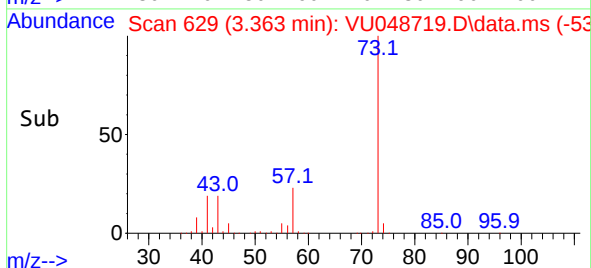
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

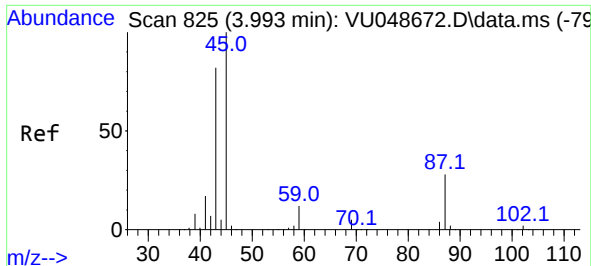


#19
Methyl tert-butyl Ether
Concen: 170.475 ug/l
RT: 3.363 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU048719.D
Acq: 28 May 2022 02:24



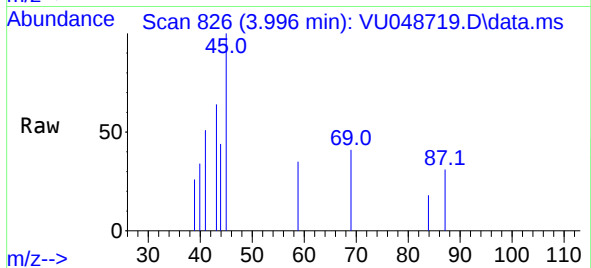
Tgt Ion: 73 Resp: 1486944
Ion Ratio Lower Upper
73 100
57 22.5 17.1 25.7





#22
Diisopropyl ether
Concen: 0.258 ug/l
RT: 3.996 min Scan# 811
Delta R.T. 0.003 min
Lab File: VU048719.D
Acq: 28 May 2022 02:24

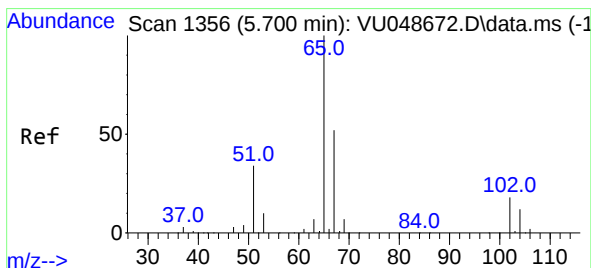
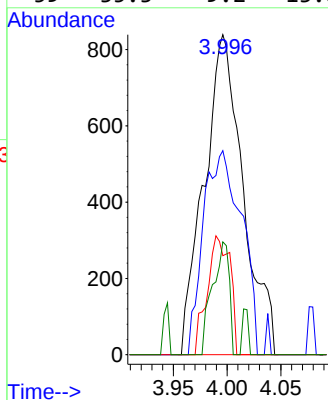
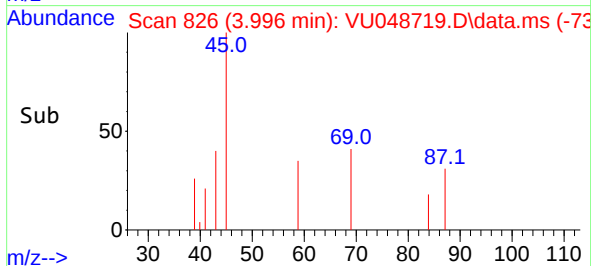
Instrument :
MSVOA_U
ClientSampleId :
HW-1



Tgt Ion: 45 Resp: 211
Ion Ratio Lower Upper
45 100
43 63.8 65.2 97.8
87 31.0 22.7 34.1
59 35.3 9.2 13.8#

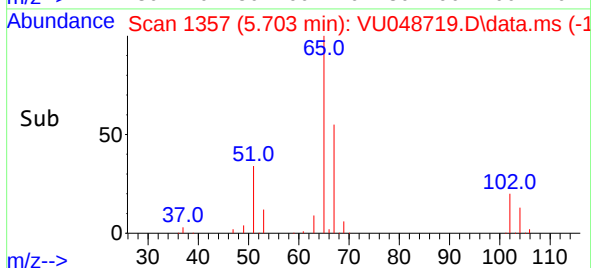
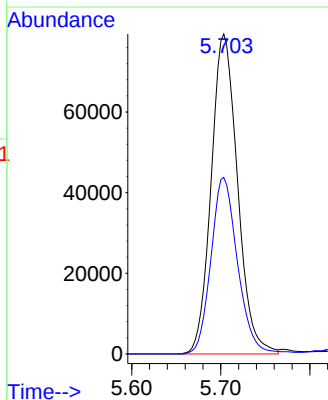
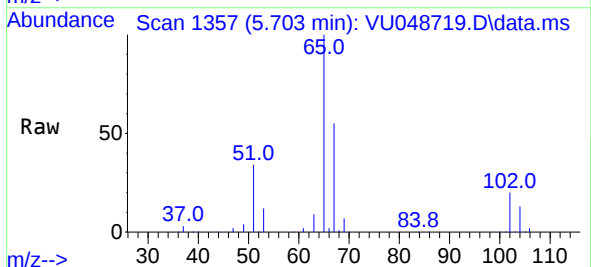
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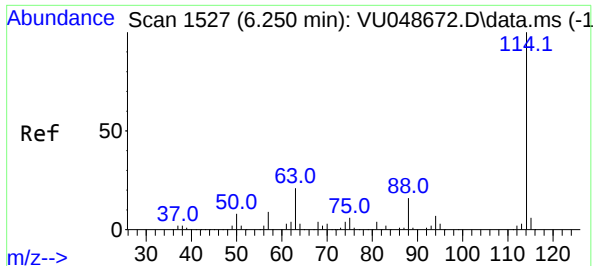
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#33
1,2-Dichloroethane-d4
Concen: 48.125 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. 0.003 min
Lab File: VU048719.D
Acq: 28 May 2022 02:24

Tgt Ion: 65 Resp: 163237
Ion Ratio Lower Upper
65 100
67 55.8 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: VU048719.D

Acq: 28 May 2022 02:24

Instrument :

MSVOA_U

ClientSampleId :

HW-1

Tgt Ion:114 Resp: 372280

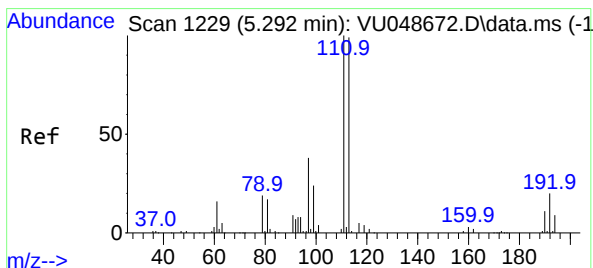
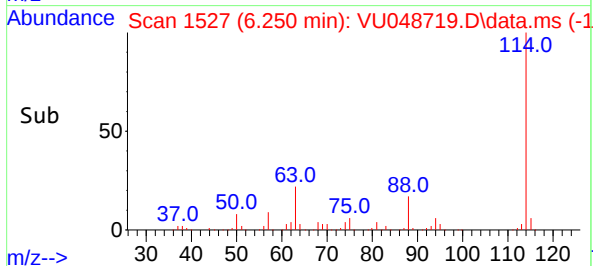
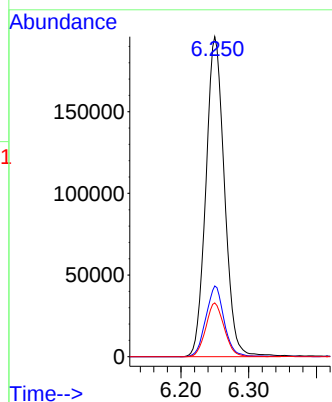
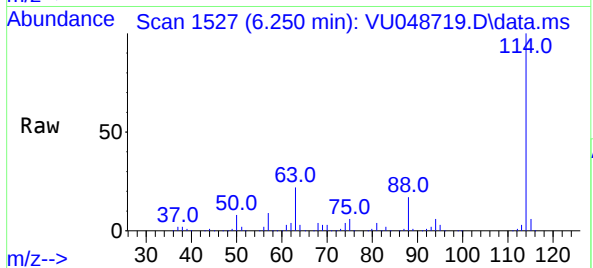
Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	42.6
88	16.8	0.0	32.2

Manual Integrations

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Supervised By :Mahesh Dadoda 05/31/2022



#35

Dibromofluoromethane

Concen: 53.213 ug/l

RT: 5.292 min Scan# 1229

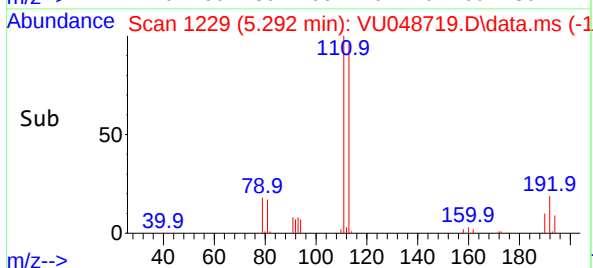
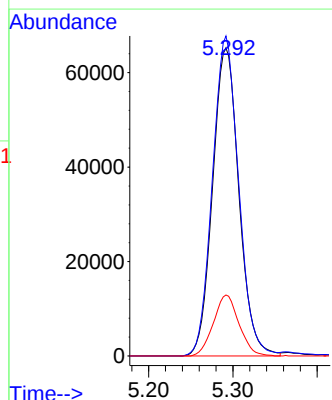
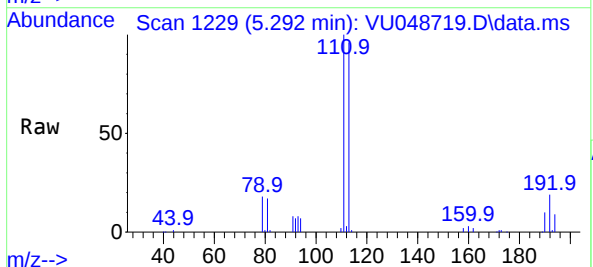
Delta R.T. 0.000 min

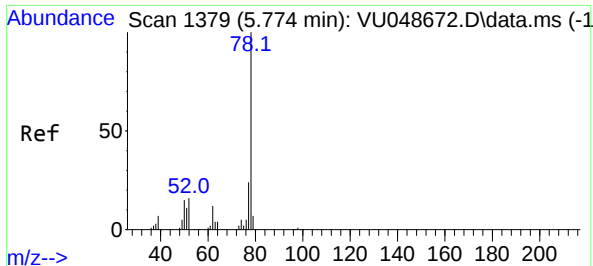
Lab File: VU048719.D

Acq: 28 May 2022 02:24

Tgt Ion:113 Resp: 141330

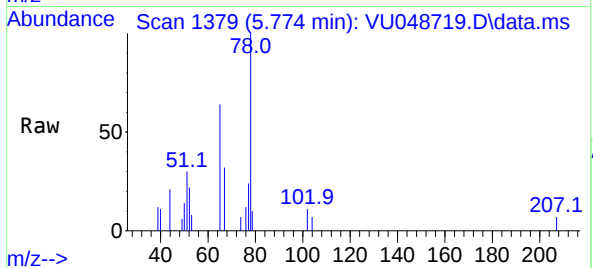
Ion	Ratio	Lower	Upper
113	100		
111	103.4	80.7	121.1
192	19.3	15.9	23.9





#40
Benzene
Concen: 0.329 ug/l
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU048719.D
Acq: 28 May 2022 02:24

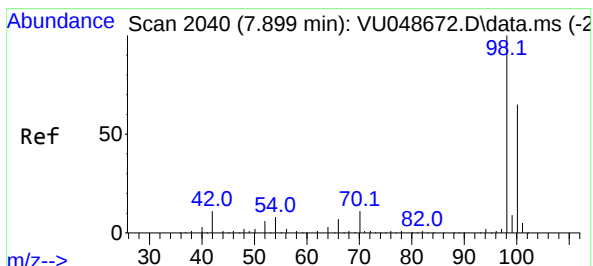
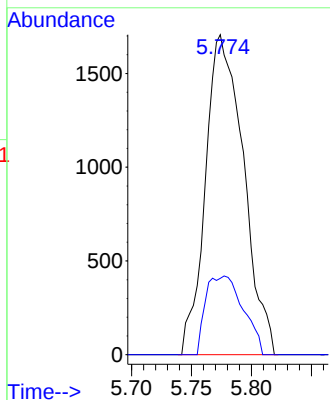
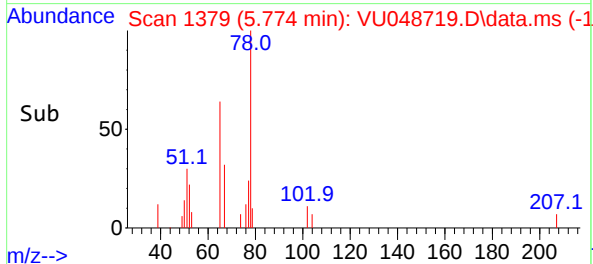
Instrument :
MSVOA_U
ClientSampleId :
HW-1



Tgt Ion: 78 Resp: 3760
Ion Ratio Lower Upper
78 100
77 21.6 19.0 28.6

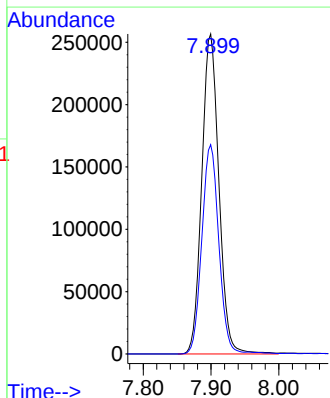
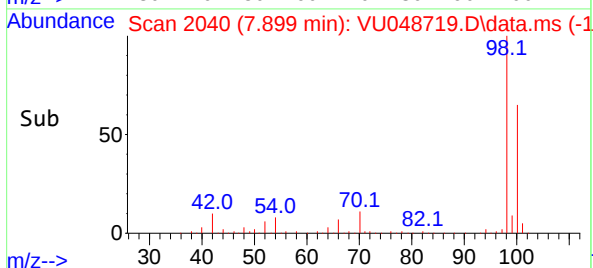
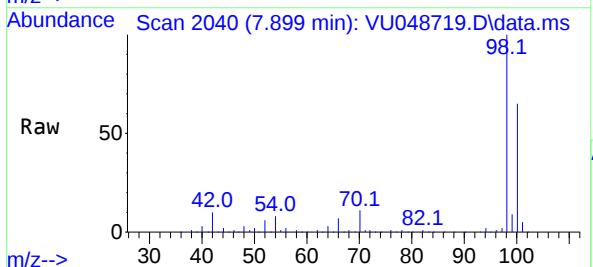
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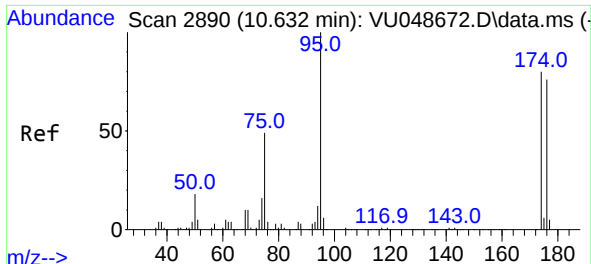
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#50
Toluene-d8
Concen: 47.291 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU048719.D
Acq: 28 May 2022 02:24

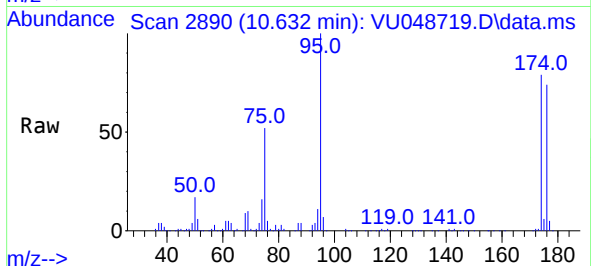
Tgt Ion: 98 Resp: 450241
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.4





#62
4-Bromofluorobenzene
Concen: 57.893 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU048719.D
Acq: 28 May 2022 02:24

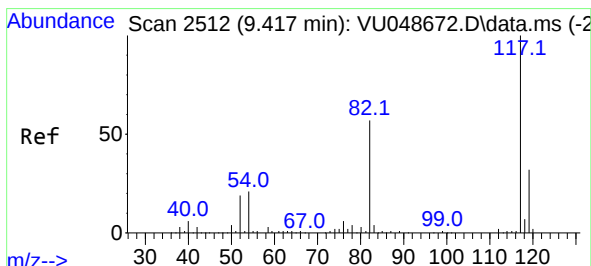
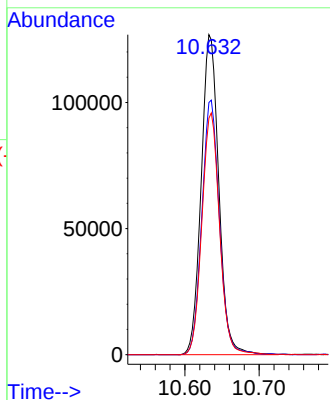
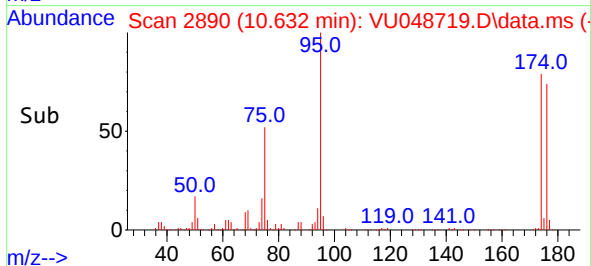
Instrument :
MSVOA_U
ClientSampleId :
HW-1



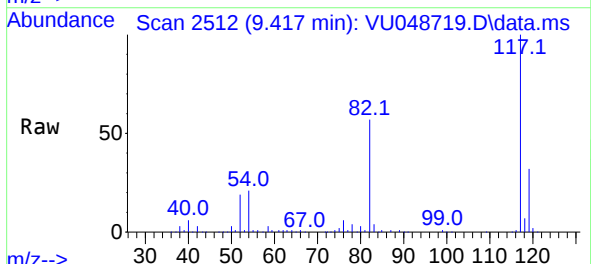
Tgt Ion: 95 Resp: 208449
Ion Ratio Lower Upper
95 100
174 79.5 0.0 159.4
176 75.8 0.0 152.4

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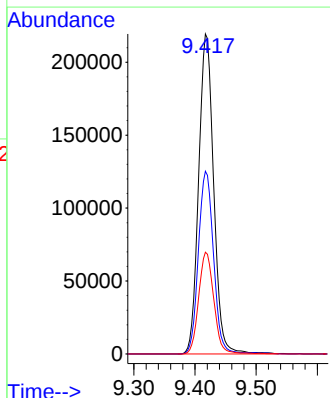
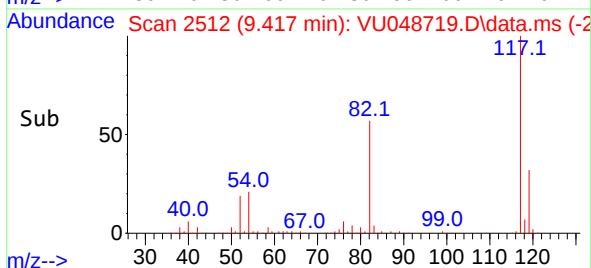
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

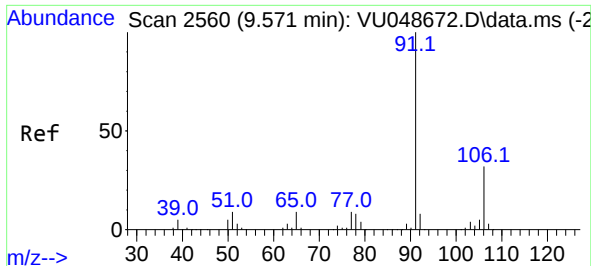


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048719.D
Acq: 28 May 2022 02:24



Tgt Ion:117 Resp: 375381
Ion Ratio Lower Upper
117 100
82 57.1 45.3 67.9
119 31.8 25.4 38.2





#67

Ethyl Benzene

Concen: 2.367 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU048719.D

Acq: 28 May 2022 02:24

Instrument :

MSVOA_U

ClientSampleId :

HW-1

Tgt Ion: 91 Resp: 3169

Ion Ratio Lower Upper

91 100

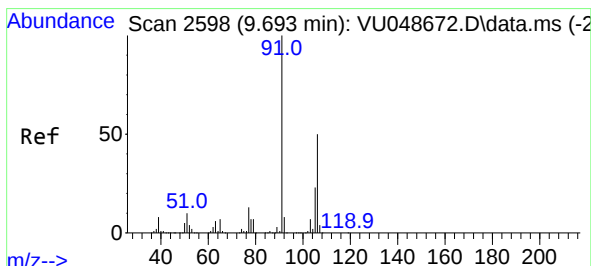
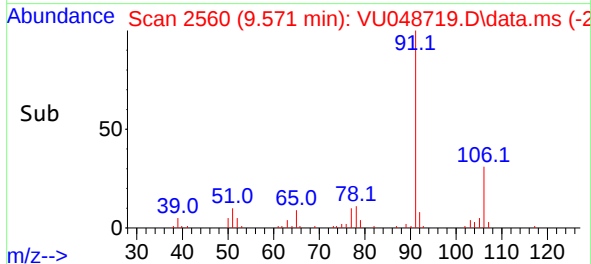
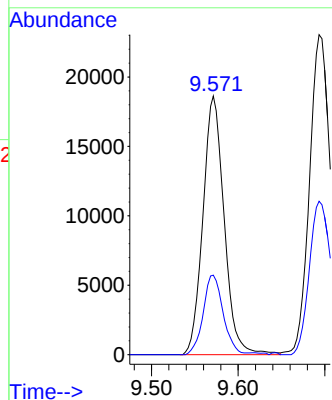
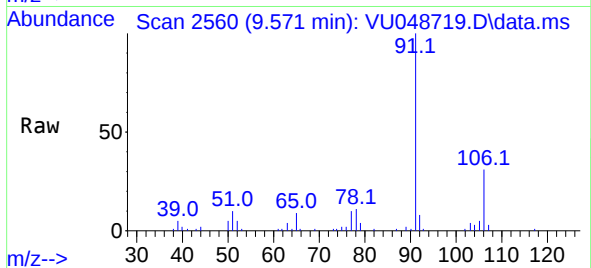
106 30.7 25.4 38.2

Manual Integrations

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Supervised By :Mahesh Dadoda 05/31/2022



#68

m/p-Xylenes

Concen: 3.821 ug/l

RT: 9.693 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU048719.D

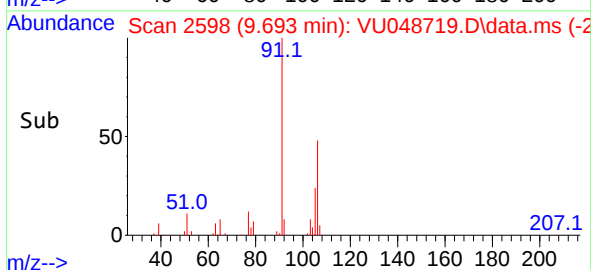
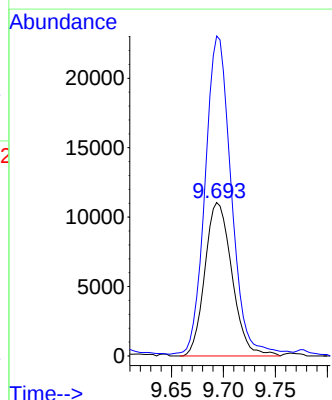
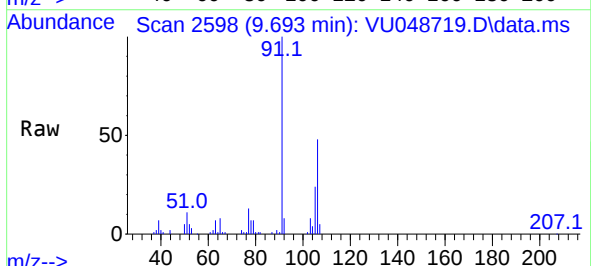
Acq: 28 May 2022 02:24

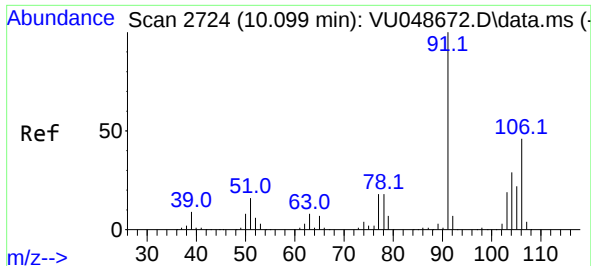
Tgt Ion:106 Resp: 20010

Ion Ratio Lower Upper

106 100

91 199.1 162.4 243.6





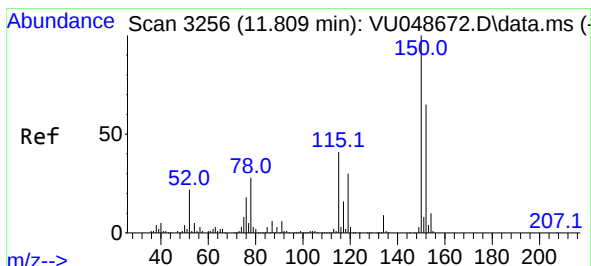
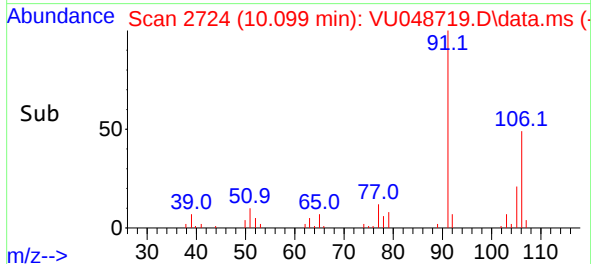
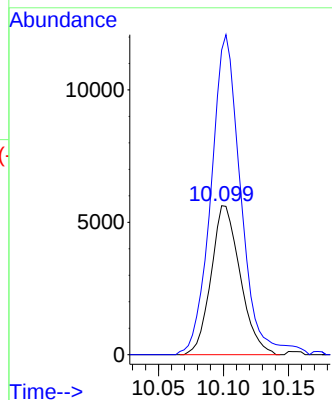
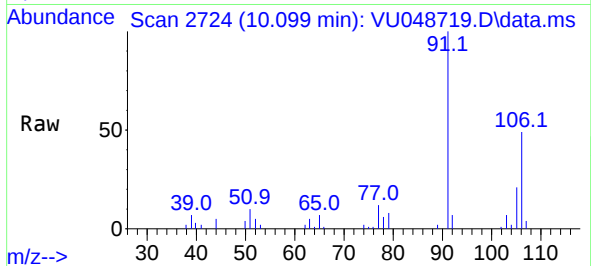
#69
o-Xylene
Concen: 1.703 ug/l
RT: 10.099 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048719.D
Acq: 28 May 2022 02:24

Instrument :
MSVOA_U
ClientSampleId :
HW-1

Tgt Ion:106 Resp: 8760
Ion Ratio Lower Upper
106 100
91 220.0 107.7 323.3

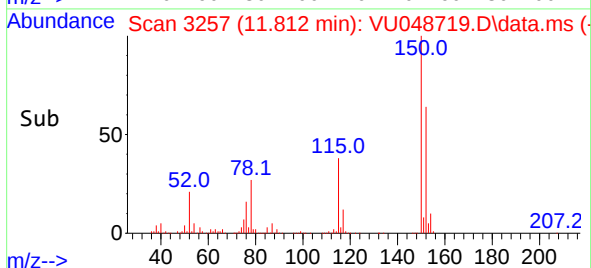
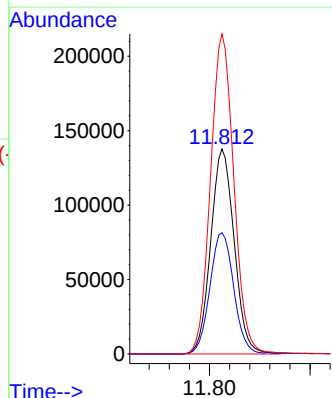
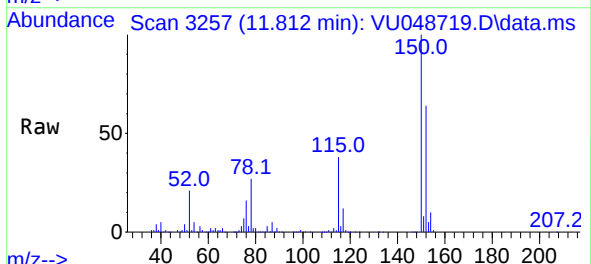
Manual Integrations
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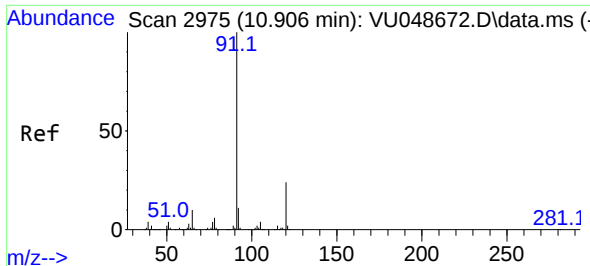
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048719.D
Acq: 28 May 2022 02:24

Tgt Ion:152 Resp: 223069
Ion Ratio Lower Upper
152 100
115 60.0 41.8 125.4
150 155.6 0.0 341.0





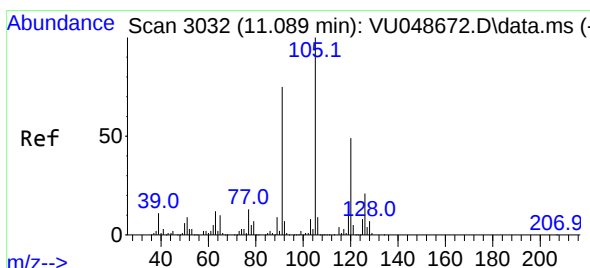
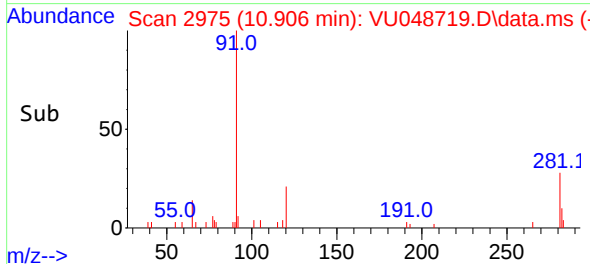
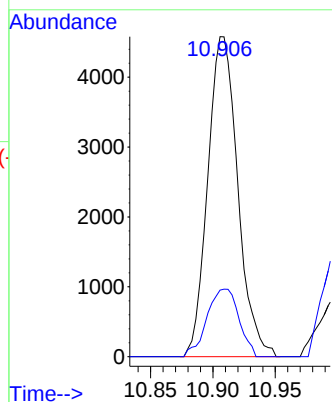
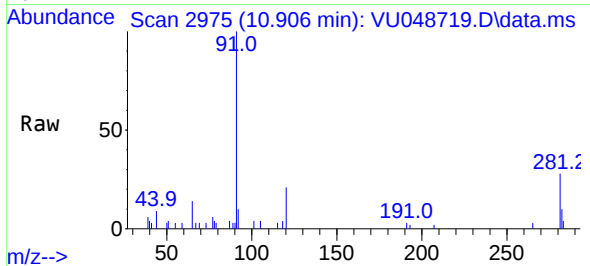
#78
n-propylbenzene
Concen: 0.448 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU048719.D
Acq: 28 May 2022 02:24

Instrument :
MSVOA_U
ClientSampleId :
HW-1

Tgt Ion: 91 Resp: 768
Ion Ratio Lower Upper
91 100
120 22.5 11.6 34.7

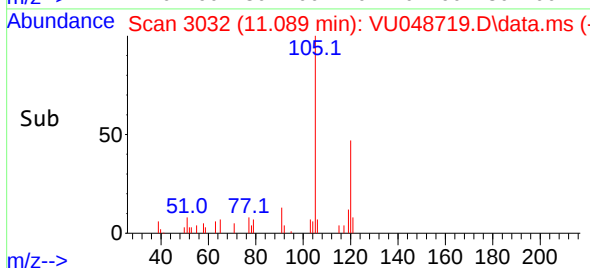
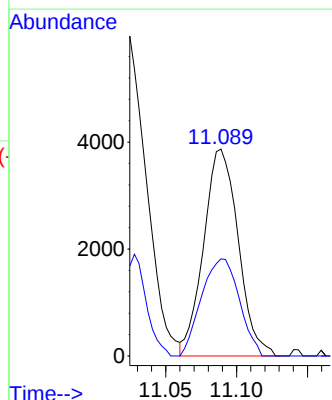
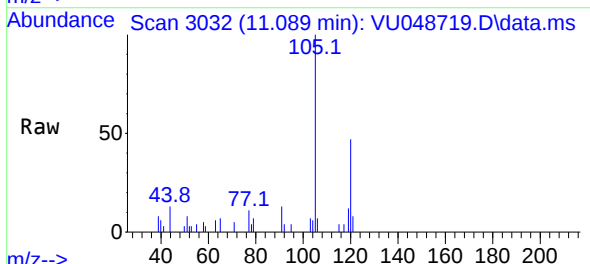
Manual Integrations
APPROVED

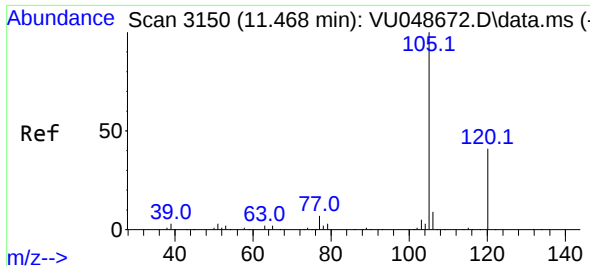
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#80
1,3,5-Trimethylbenzene
Concen: 0.525 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU048719.D
Acq: 28 May 2022 02:24

Tgt Ion:105 Resp: 6571
Ion Ratio Lower Upper
105 100
120 51.2 24.1 72.3





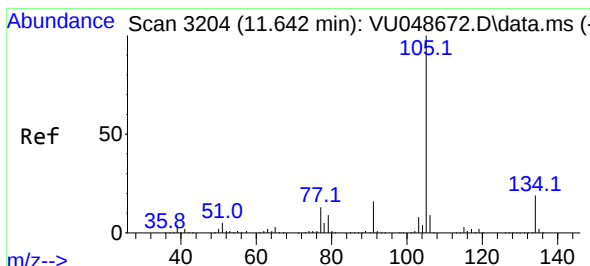
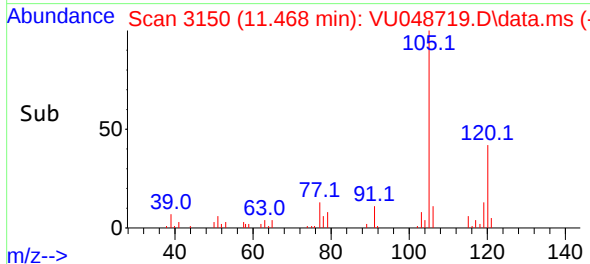
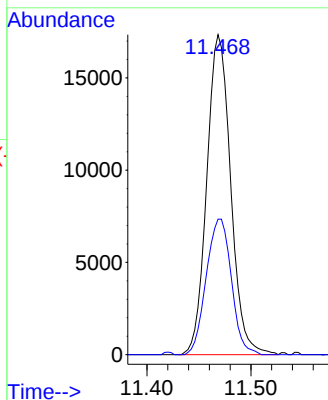
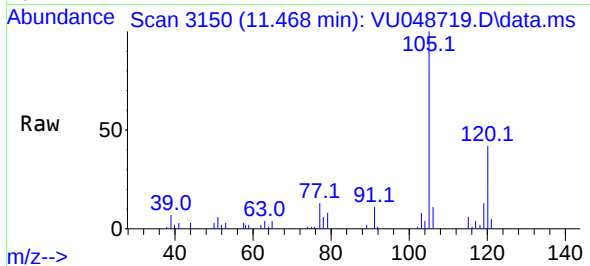
#84
1,2,4-Trimethylbenzene
Concen: 3.191 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU048719.D
Acq: 28 May 2022 02:24

Instrument :
MSVOA_U
ClientSampleId :
HW-1

Tgt Ion:105 Resp: 27704
Ion Ratio Lower Upper
105 100
120 44.6 22.5 67.5

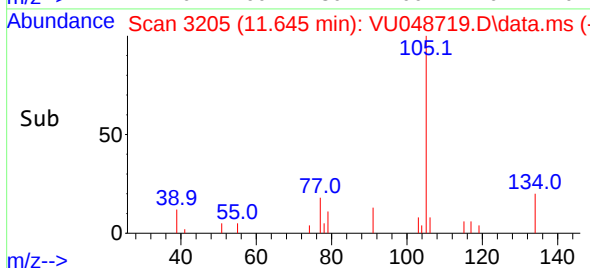
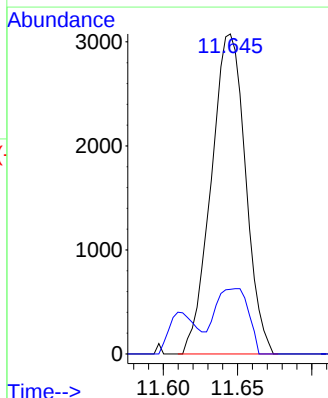
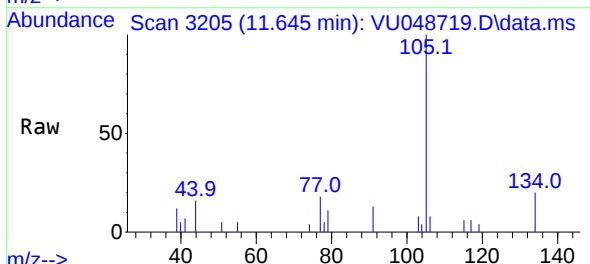
Manual Integrations
APPROVED

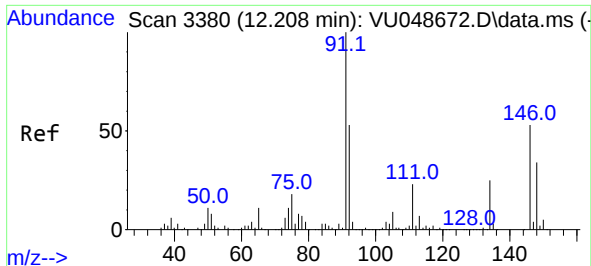
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#85
sec-Butylbenzene
Concen: 0.329 ug/l
RT: 11.645 min Scan# 3205
Delta R.T. 0.003 min
Lab File: VU048719.D
Acq: 28 May 2022 02:24

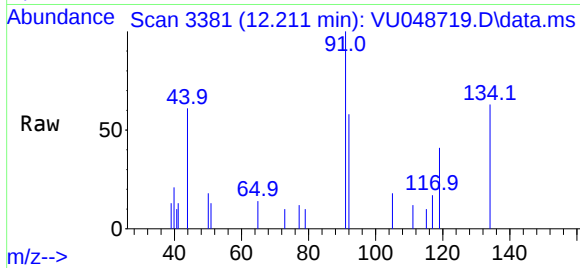
Tgt Ion:105 Resp: 4946
Ion Ratio Lower Upper
105 100
134 20.3 9.6 28.6





#89
n-Butylbenzene
Concen: 2.280 ug/l m
RT: 12.211 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048719.D
Acq: 28 May 2022 02:24

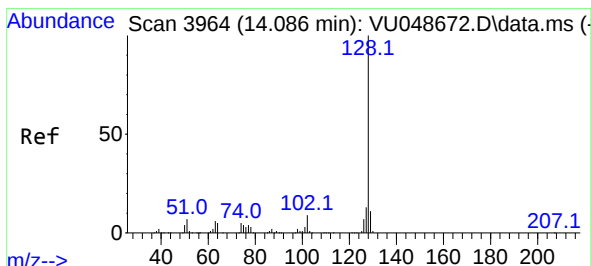
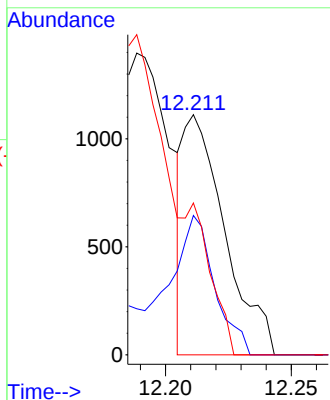
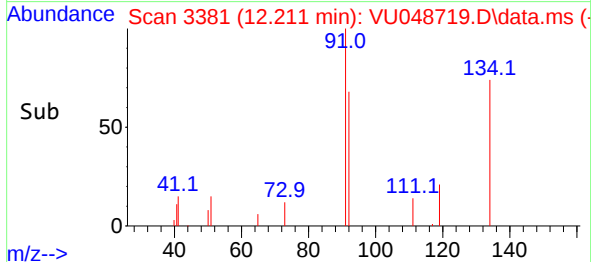
Instrument :
MSVOA_U
ClientSampleId :
HW-1



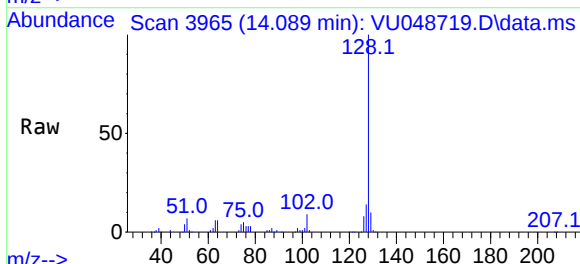
Tgt Ion: 91 Resp: 1278
Ion Ratio Lower Upper
91 100
92 0.0 25.9 77.8
134 228.3 12.5 37.5

Manual Integrations
APPROVED

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



#95
Naphthalene
Concen: 9.972 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU048719.D
Acq: 28 May 2022 02:24



Tgt Ion:128 Resp: 137599
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.4
129 11.2 8.7 13.1

