

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062822\
 Data File : VU049461.D
 Acq On : 28 Jun 2022 16:21
 Operator : SY/MD
 Sample : N3480-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 40814

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022

Quant Time: Jun 28 17:17:20 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	305189	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	523908	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	478198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	229101	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	199080	42.356	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	84.720%		
35) Dibromofluoromethane	5.289	113	163326	44.559	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.120%		
50) Toluene-d8	7.896	98	634288	48.517	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.040%		
62) 4-Bromofluorobenzene	10.632	95	236474	47.219	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.440%		
Target Compounds					Qvalue	
16) Acetone	2.626	43	413121	174.295	ug/l	99
25) 2-Butanone	4.710	43	33707	9.489	ug/l	95
44) Trichloroethene	6.539	130	1112	0.292	ug/l	93
51) 4-Methyl-2-Pentanone	7.793	43	20416	2.867	ug/l	93
52) Toluene	7.970	92	48016	5.035	ug/l	99
59) 2-Hexanone	8.690	43	6758	1.207	ug/l	91
67) Ethyl Benzene	9.571	91	20040	1.117	ug/l	98
68) m/p-Xylenes	9.693	106	10214	1.538	ug/l	87
69) o-Xylene	10.099	106	51769	7.853	ug/l	88
73) Isopropylbenzene	10.484	105	8259	0.506	ug/l	95
78) n-propylbenzene	10.906	91	16185	0.816	ug/l	97
80) 1,3,5-Trimethylbenzene	11.089	105	59478	4.175	ug/l	96
84) 1,2,4-Trimethylbenzene	11.468	105	63530	4.539	ug/l	95
85) sec-Butylbenzene	11.645	105	6635m	0.377	ug/l	
86) p-Isopropyltoluene	11.790	119	7152m	0.502	ug/l	
89) n-Butylbenzene	12.195	91	27127	2.057	ug/l #	23
95) Naphthalene	14.086	128	105719	7.425	ug/l	96

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

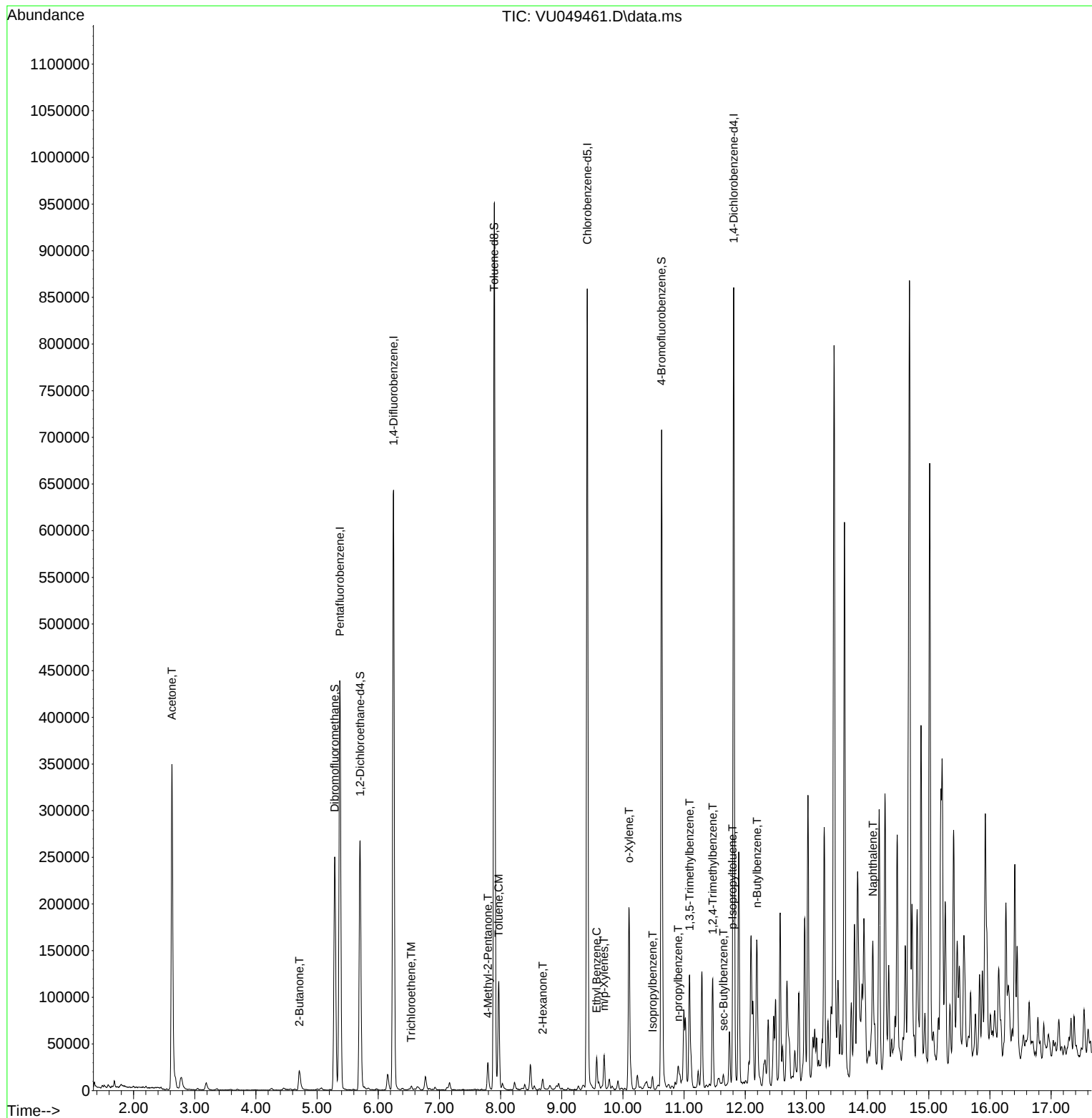
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062822\
Data File : VU049461.D
Acq On : 28 Jun 2022 16:21
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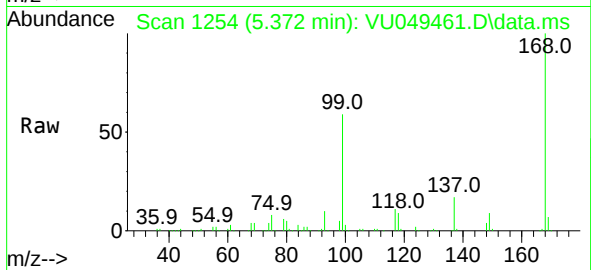
Quant Time: Jun 28 17:17:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 28 10:35:43 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049461.D
Acq: 28 Jun 2022 16:21

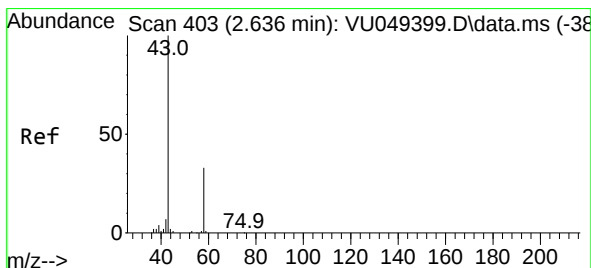
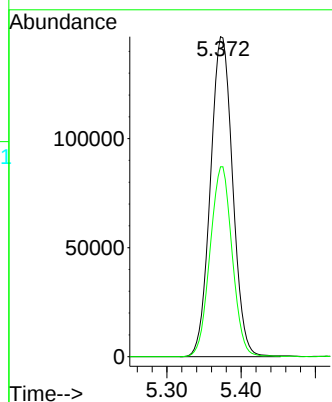
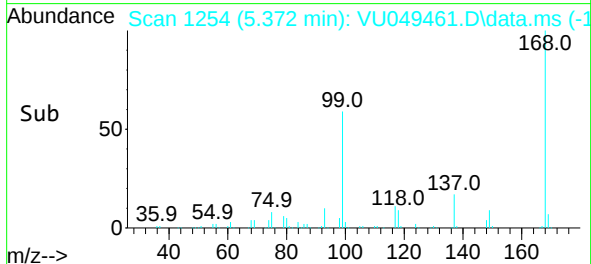
Instrument :
MSVOA_U
ClientSampleId :
40814



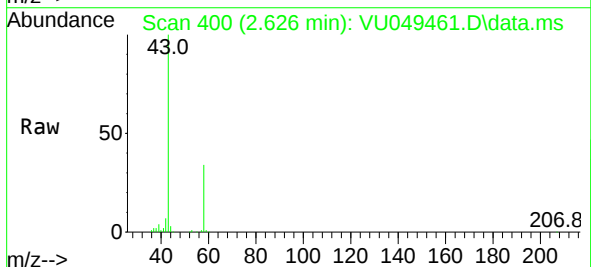
Tgt Ion:168 Resp: 305189
Ion Ratio Lower Upper
168 100
99 59.4 39.3 58.9

Manual Integrations
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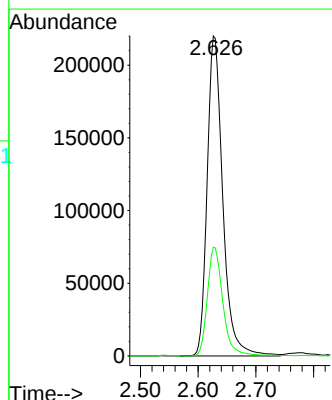
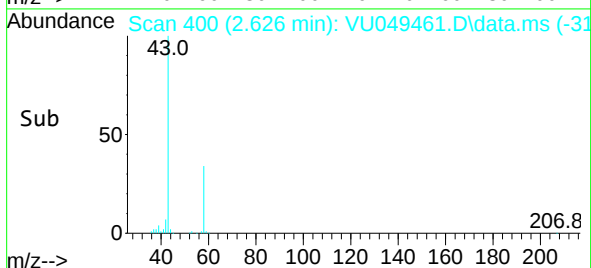
Reviewed By :Krupa Patel 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

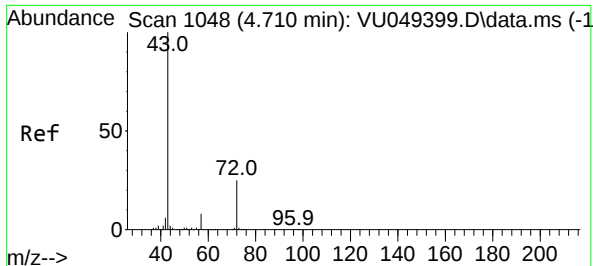


#16
Acetone
Concen: 174.295 ug/l
RT: 2.626 min Scan# 400
Delta R.T. -0.010 min
Lab File: VU049461.D
Acq: 28 Jun 2022 16:21



Tgt Ion: 43 Resp: 413121
Ion Ratio Lower Upper
43 100
58 34.0 27.5 41.3





#25

2-Butanone

Concen: 9.489 ug/l

RT: 4.710 min Scan# 1048

Delta R.T. 0.000 min

Lab File: VU049461.D

Acq: 28 Jun 2022 16:21

Instrument :

MSVOA_U

ClientSampleId :

40814

Tgt Ion: 43 Resp: 3370

Ion Ratio Lower Upper

43 100

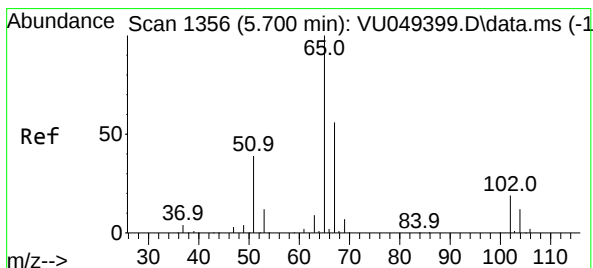
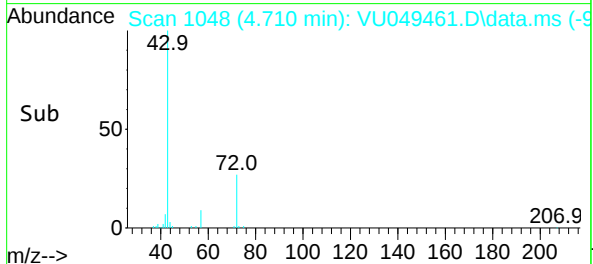
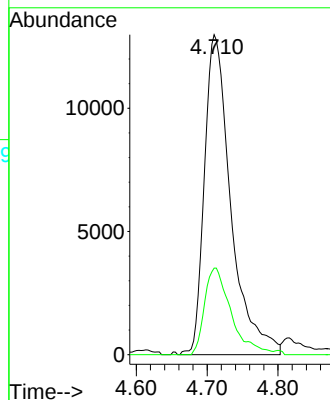
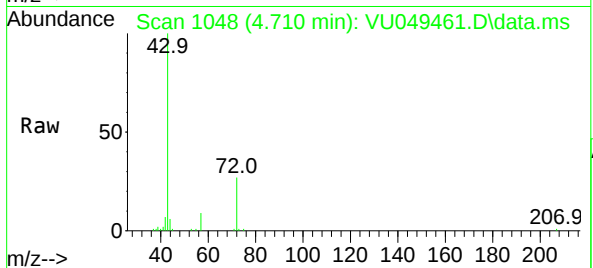
72 27.0 23.8 35.6

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#33

1,2-Dichloroethane-d4

Concen: 42.356 ug/l

RT: 5.703 min Scan# 1357

Delta R.T. 0.003 min

Lab File: VU049461.D

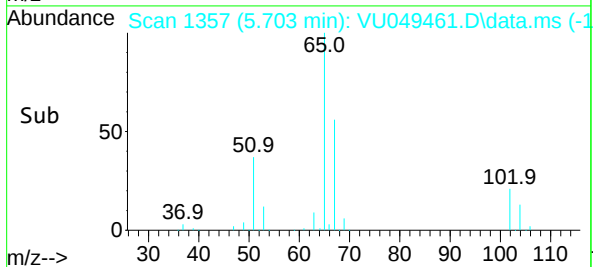
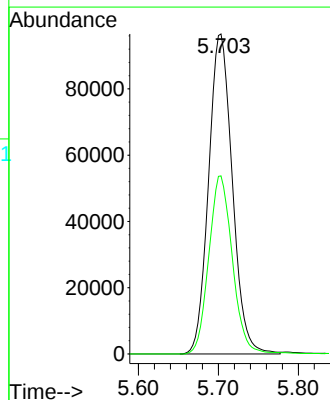
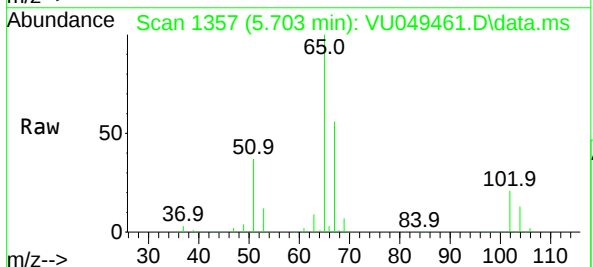
Acq: 28 Jun 2022 16:21

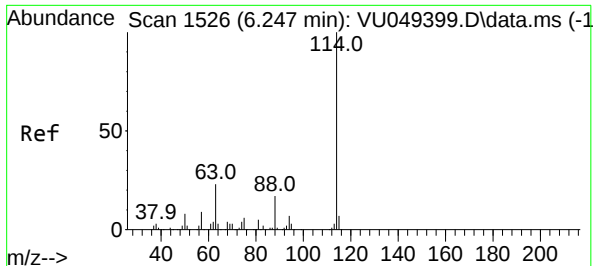
Tgt Ion: 65 Resp: 199080

Ion Ratio Lower Upper

65 100

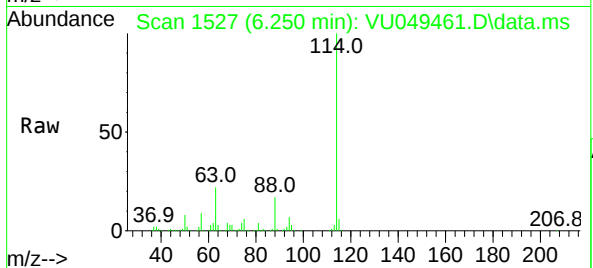
67 55.5 0.0 108.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 114
Delta R.T. 0.003 min
Lab File: VU049461.D
Acq: 28 Jun 2022 16:21

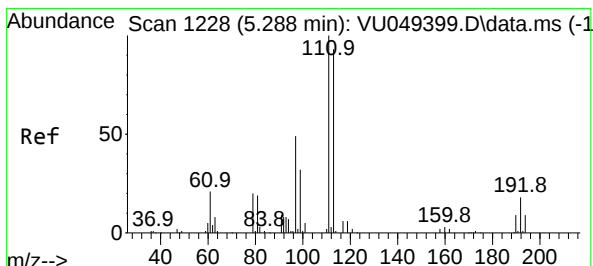
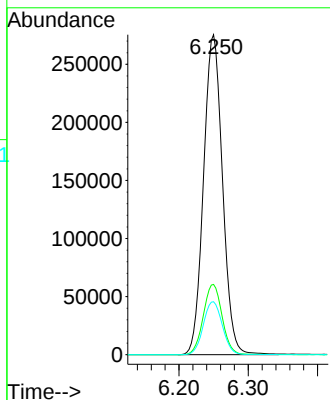
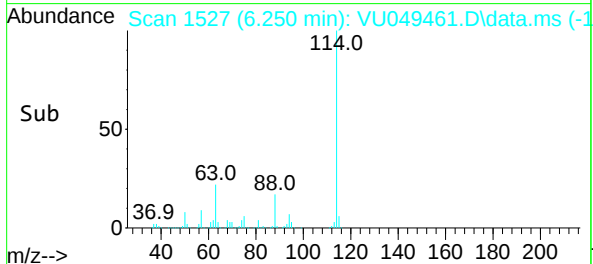
Instrument :
MSVOA_U
ClientSampleId :
40814



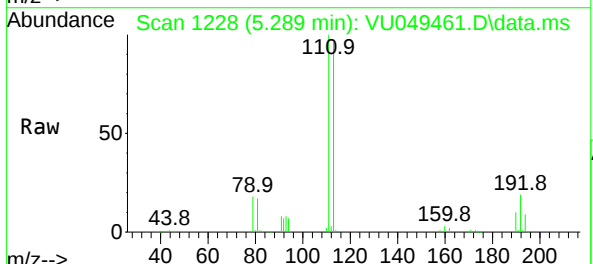
Tgt Ion:114 Resp: 523908
Ion Ratio Lower Upper
114 100
63 21.9 0.0 37.8
88 16.6 0.0 29.2

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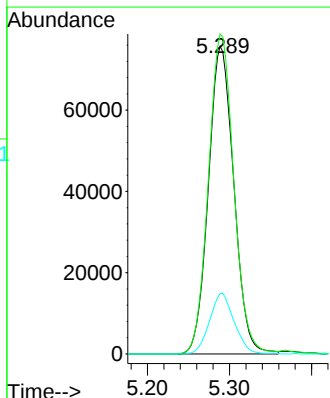
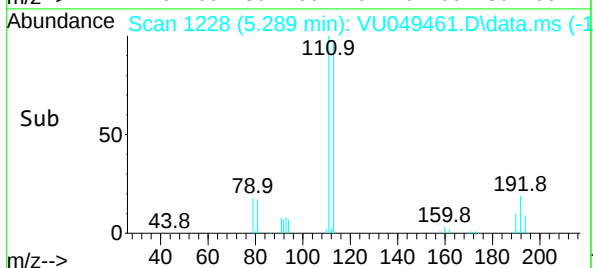
Reviewed By :Krupa Patel 07/01/2022
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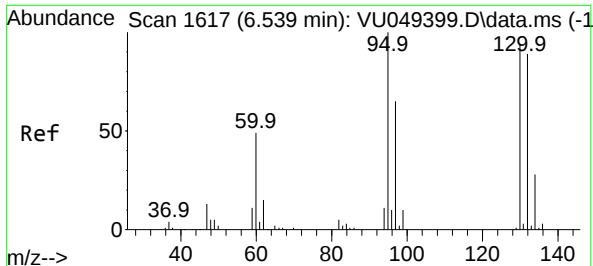


#35
Dibromofluoromethane
Concen: 44.559 ug/l
RT: 5.289 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VU049461.D
Acq: 28 Jun 2022 16:21



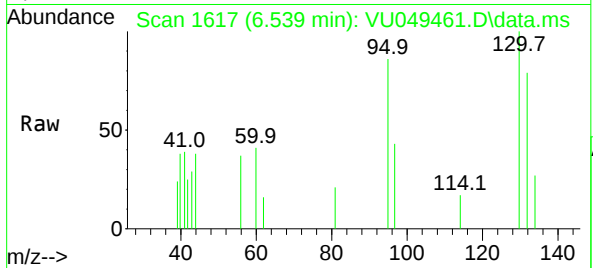
Tgt Ion:113 Resp: 163326
Ion Ratio Lower Upper
113 100
111 103.9 82.1 123.1
192 19.0 18.0 27.0





#44
Trichloroethene
Concen: 0.292 ug/l
RT: 6.539 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU049461.D
Acq: 28 Jun 2022 16:21

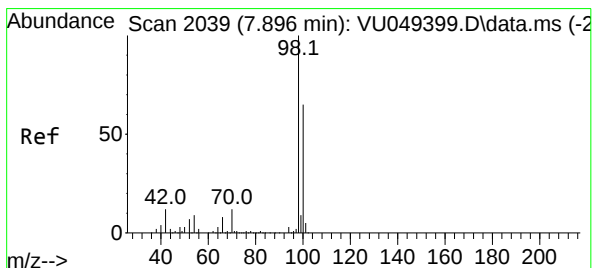
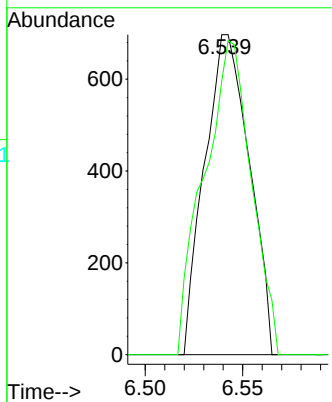
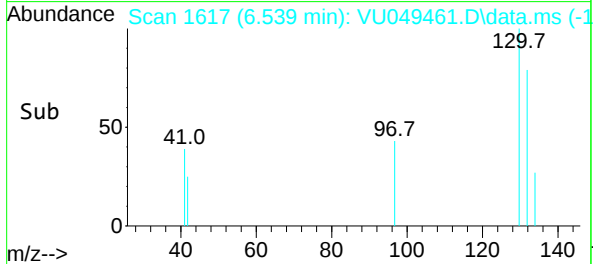
Instrument :
MSVOA_U
ClientSampleId :
40814



Tgt Ion:130 Resp: 111
Ion Ratio Lower Upper
130 100
95 85.5 0.0 184.6

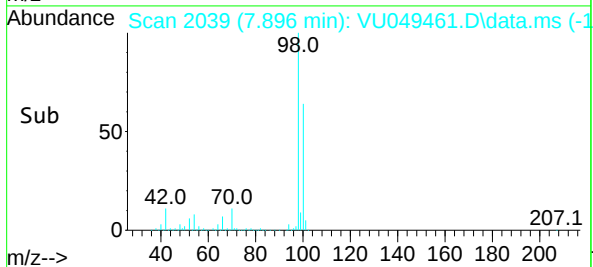
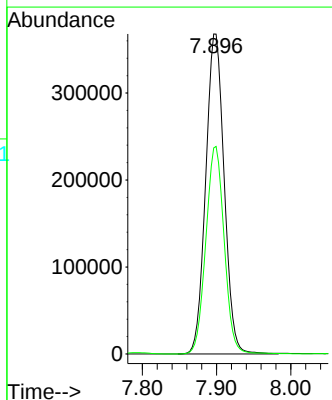
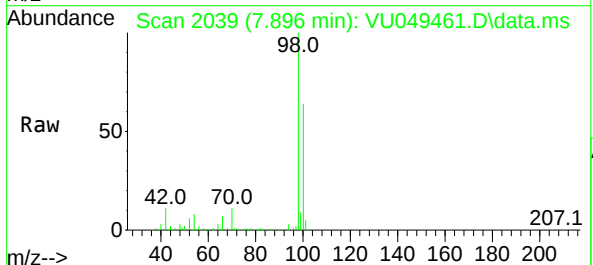
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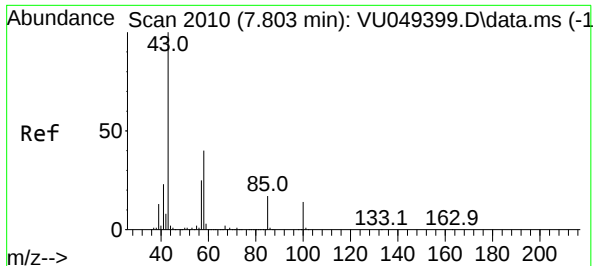
Reviewed By :Krupa Patel 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#50
Toluene-d8
Concen: 48.517 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VU049461.D
Acq: 28 Jun 2022 16:21

Tgt Ion: 98 Resp: 634288
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 2.867 ug/l

RT: 7.793 min Scan# 2010

Delta R.T. -0.010 min

Lab File: VU049461.D

Acq: 28 Jun 2022 16:21

Instrument :

MSVOA_U

ClientSampleId :

40814

Tgt Ion: 43 Resp: 20410

Ion Ratio Lower Upper

43 100

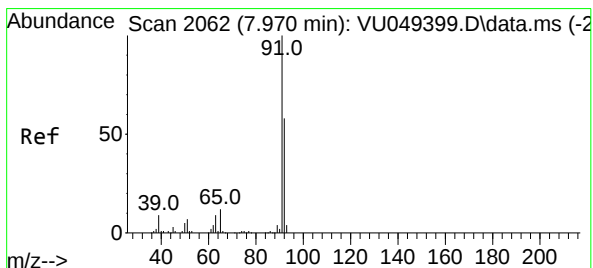
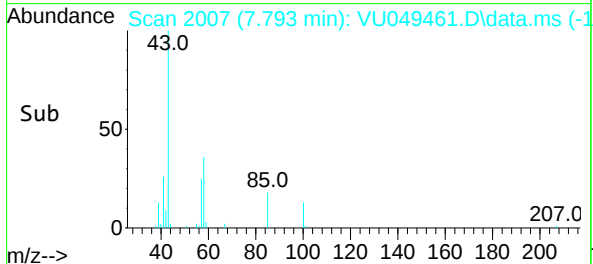
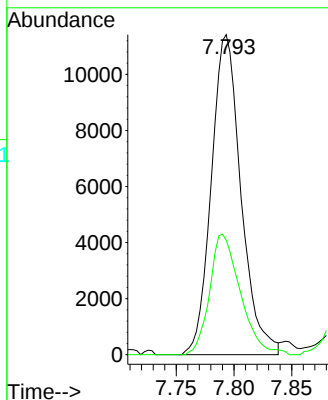
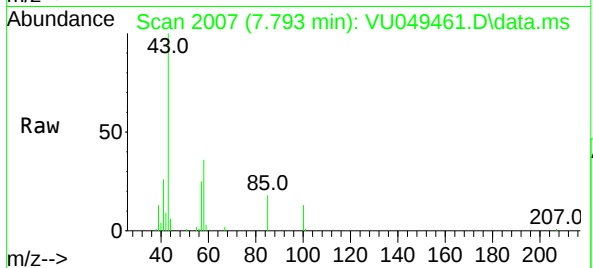
58 38.9 34.7 52.1

Manual Integrations

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Reviewed By :Krupa Patel 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#52

Toluene

Concen: 5.035 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU049461.D

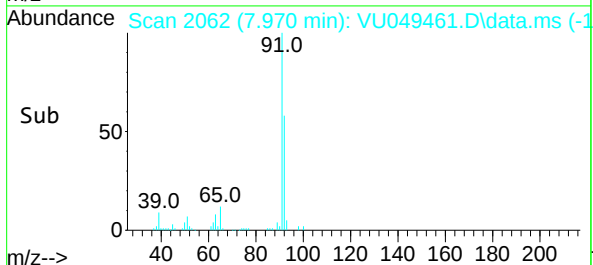
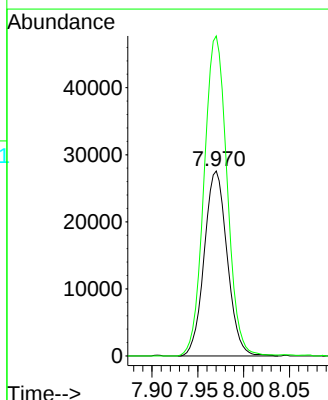
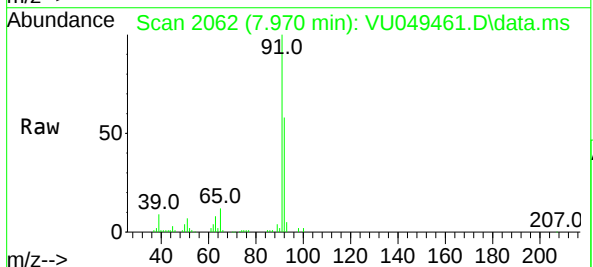
Acq: 28 Jun 2022 16:21

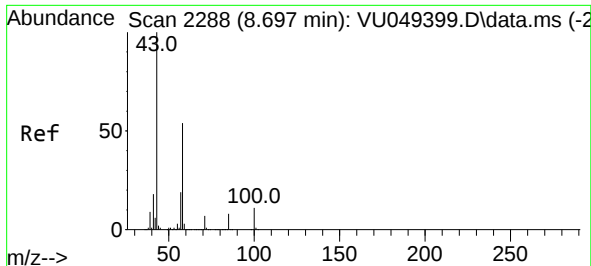
Tgt Ion: 92 Resp: 48016

Ion Ratio Lower Upper

92 100

91 173.5 138.2 207.4





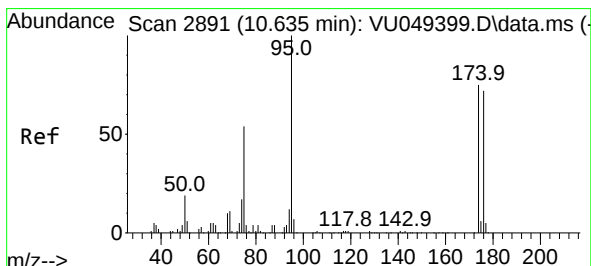
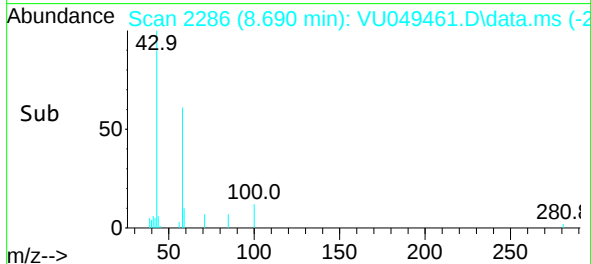
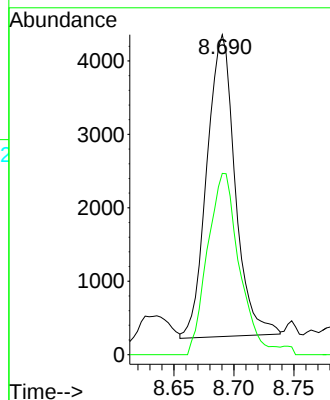
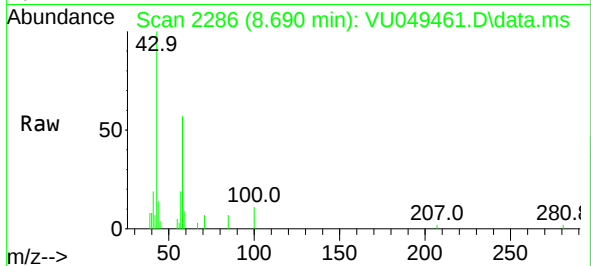
#59
2-Hexanone
Concen: 1.207 ug/l
RT: 8.690 min Scan# 21
Delta R.T. -0.006 min
Lab File: VU049461.D
Acq: 28 Jun 2022 16:21

Instrument :
MSVOA_U
ClientSampleId :
40814

Tgt Ion: 43 Resp: 6758
Ion Ratio Lower Upper
43 100
58 67.3 30.3 90.8

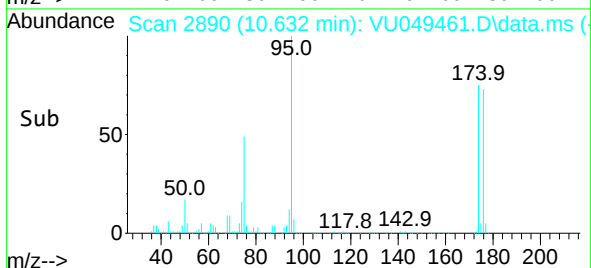
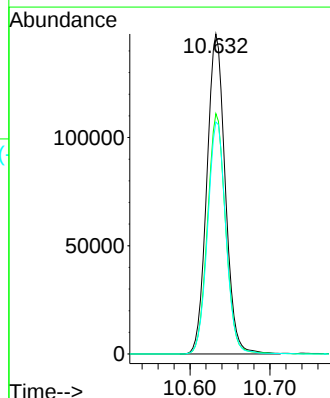
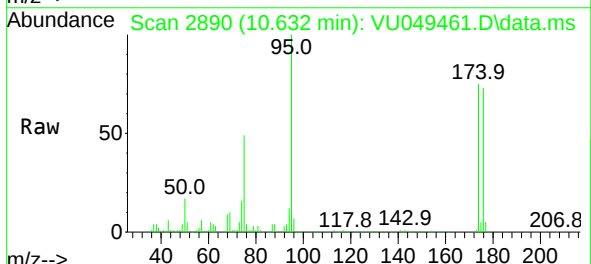
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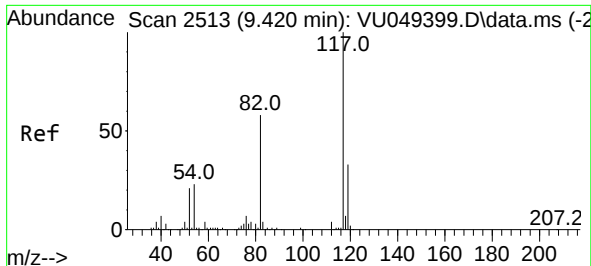
Reviewed By :Krupa Patel 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#62
4-Bromofluorobenzene
Concen: 47.219 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049461.D
Acq: 28 Jun 2022 16:21

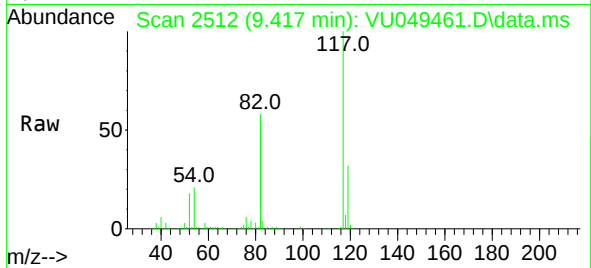
Tgt Ion: 95 Resp: 236474
Ion Ratio Lower Upper
95 100
174 74.1 0.0 182.0
176 72.0 0.0 177.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2513
Delta R.T. -0.003 min
Lab File: VU049461.D
Acq: 28 Jun 2022 16:21

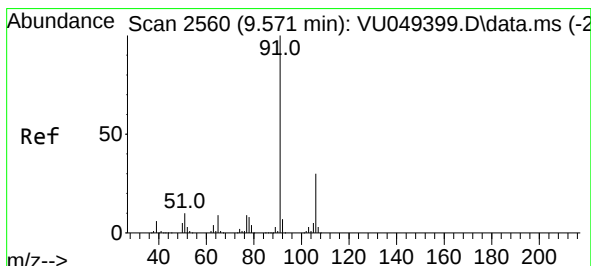
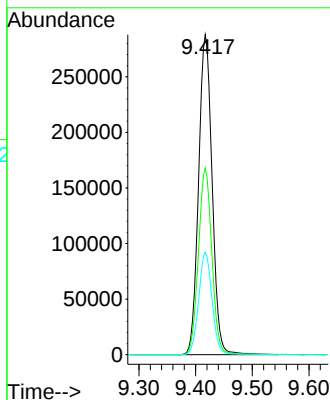
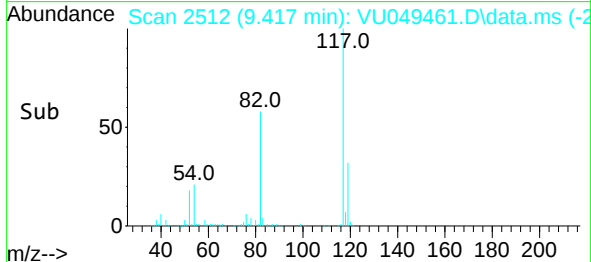
Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:117 Resp: 478198
Ion Ratio Lower Upper
117 100
82 58.4 41.7 62.5
119 32.0 25.7 38.5

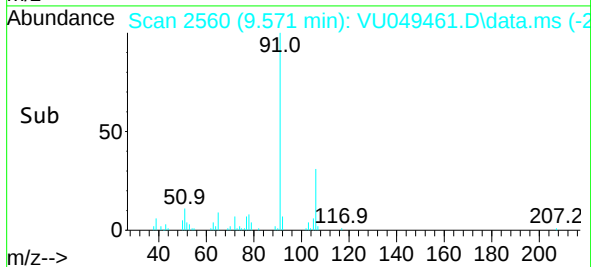
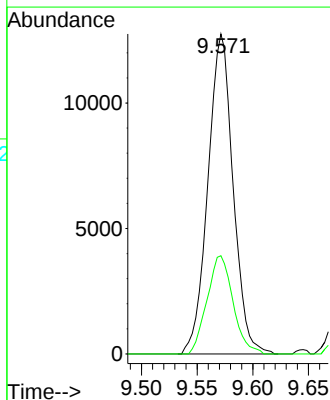
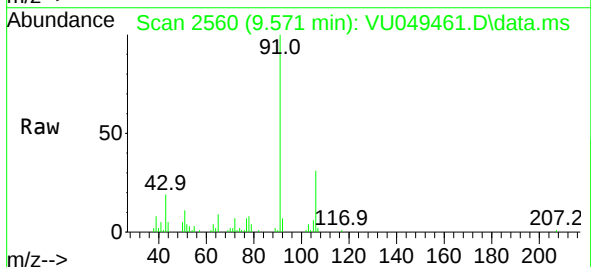
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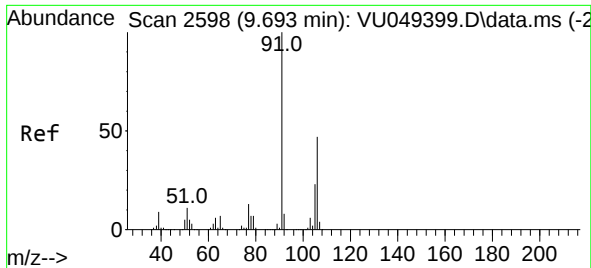
Reviewed By :Krupa Patel 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#67
Ethyl Benzene
Concen: 1.117 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU049461.D
Acq: 28 Jun 2022 16:21

Tgt Ion: 91 Resp: 20040
Ion Ratio Lower Upper
91 100
106 30.7 25.6 38.4





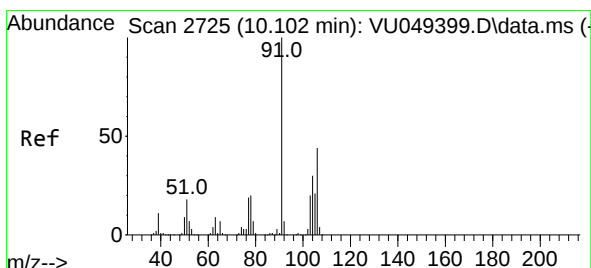
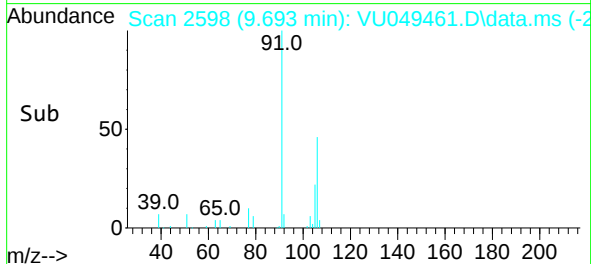
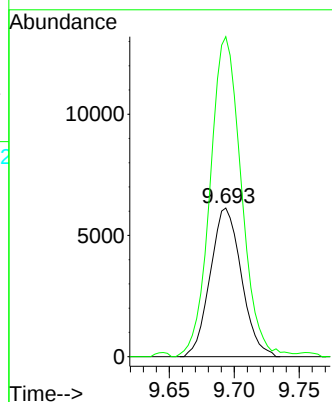
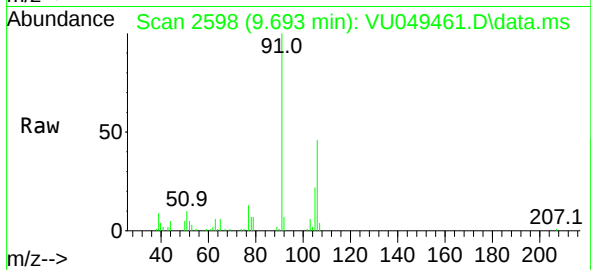
#68
m/p-Xylenes
Concen: 1.538 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU049461.D
Acq: 28 Jun 2022 16:21

Instrument :
MSVOA_U
ClientSampleId :
40814

Tgt Ion:106 Resp: 10214
Ion Ratio Lower Upper
106 100
91 215.7 157.2 235.8

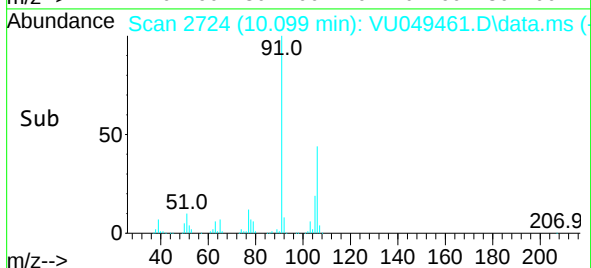
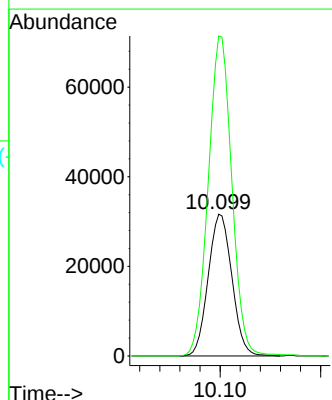
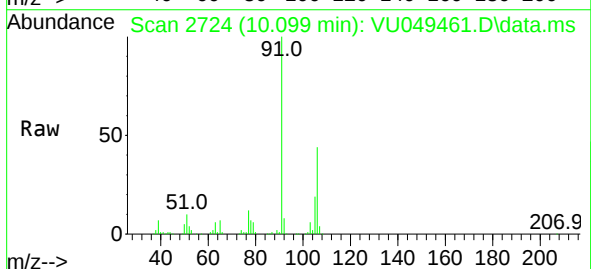
Manual Integrations
APPROVED

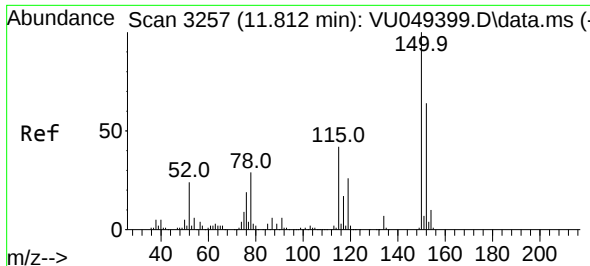
Reviewed By :Krupa Patel 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#69
o-Xylene
Concen: 7.853 ug/l
RT: 10.099 min Scan# 2724
Delta R.T. -0.003 min
Lab File: VU049461.D
Acq: 28 Jun 2022 16:21

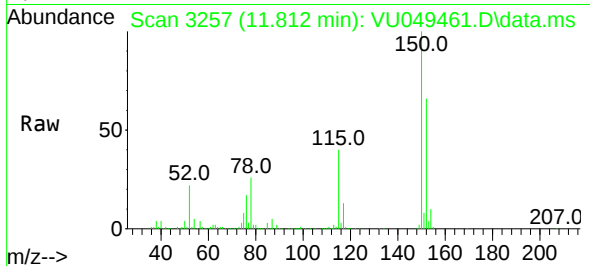
Tgt Ion:106 Resp: 51769
Ion Ratio Lower Upper
106 100
91 224.9 103.5 310.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU049461.D
Acq: 28 Jun 2022 16:21

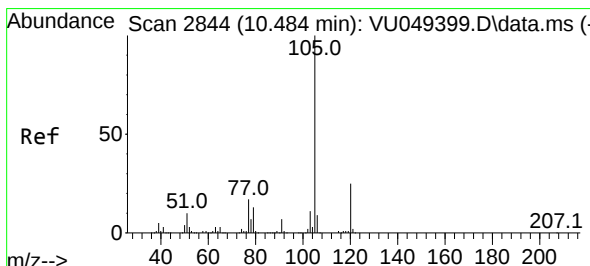
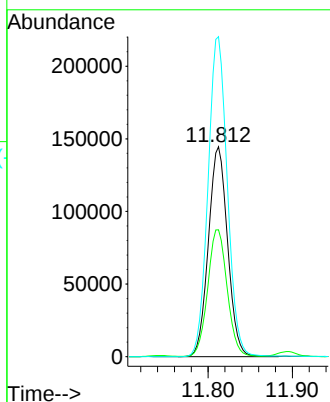
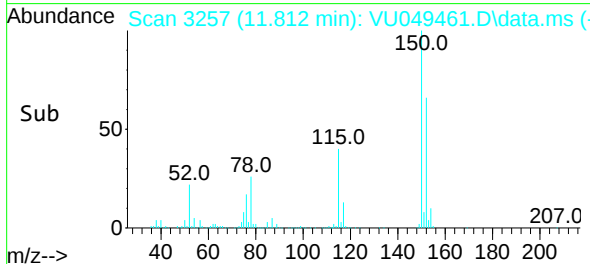
Instrument :
MSVOA_U
ClientSampleId :
40814



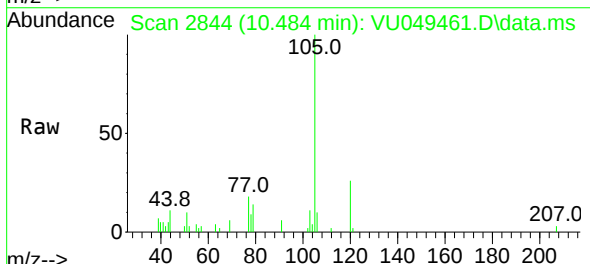
Tgt Ion:152 Resp: 22910
Ion Ratio Lower Upper
152 100
115 61.1 37.0 110.9
150 152.9 0.0 342.2

Manual Integrations
APPROVED

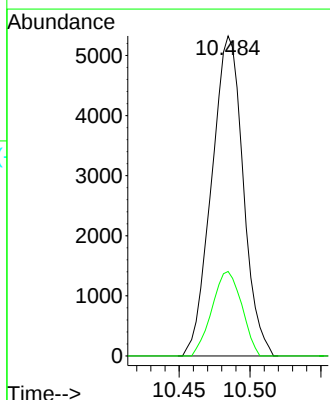
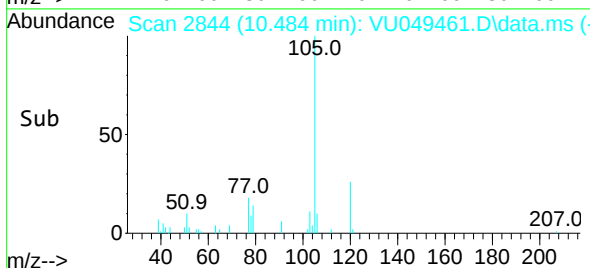
Reviewed By :Krupa Patel 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

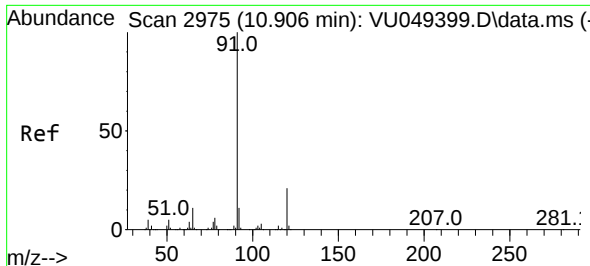


#73
Isopropylbenzene
Concen: 0.506 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU049461.D
Acq: 28 Jun 2022 16:21



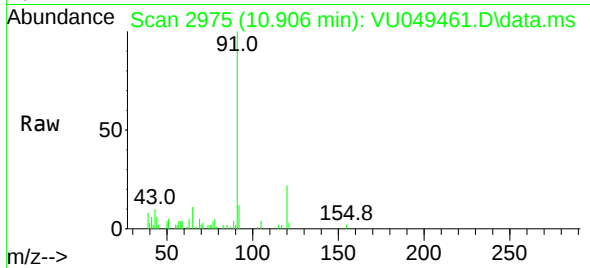
Tgt Ion:105 Resp: 8259
Ion Ratio Lower Upper
105 100
120 24.8 13.8 41.4





#78
n-propylbenzene
Concen: 0.816 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU049461.D
Acq: 28 Jun 2022 16:21

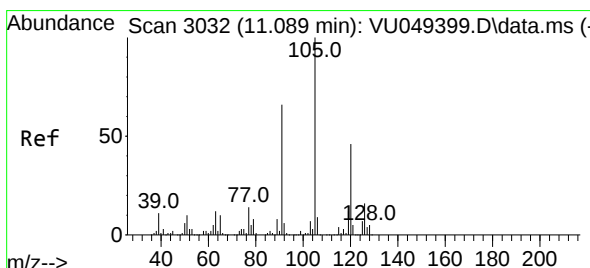
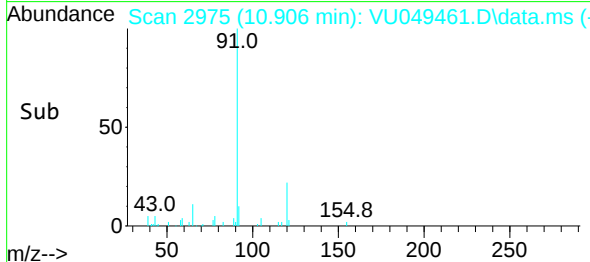
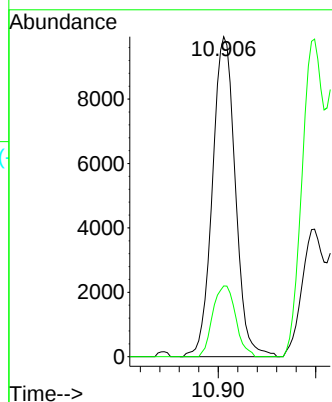
Instrument :
MSVOA_U
ClientSampleId :
40814



Tgt Ion: 91 Resp: 1618
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.5

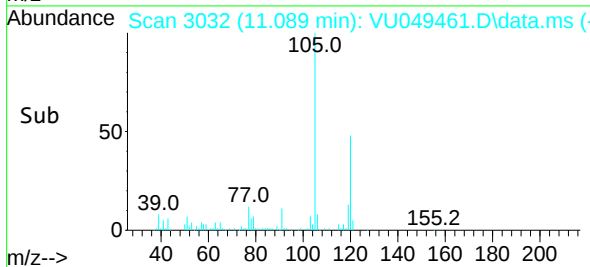
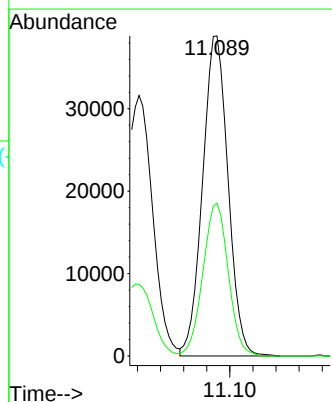
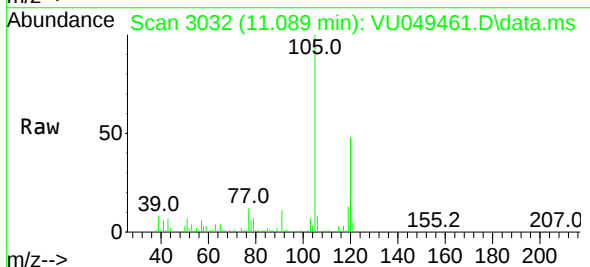
Manual Integrations
APPROVED

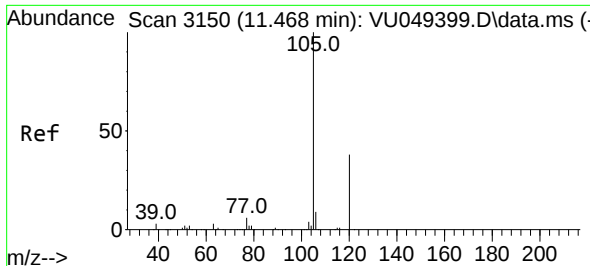
Reviewed By :Krupa Patel 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#80
1,3,5-Trimethylbenzene
Concen: 4.175 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU049461.D
Acq: 28 Jun 2022 16:21

Tgt Ion:105 Resp: 59478
Ion Ratio Lower Upper
105 100
120 47.6 25.3 75.9





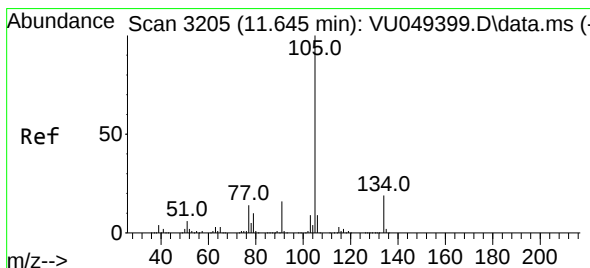
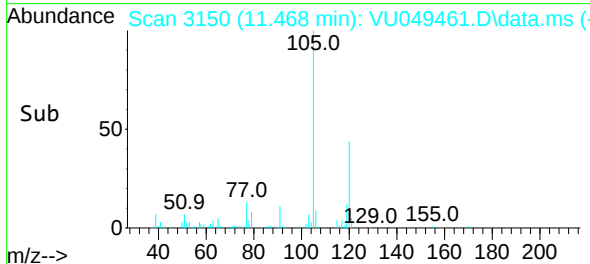
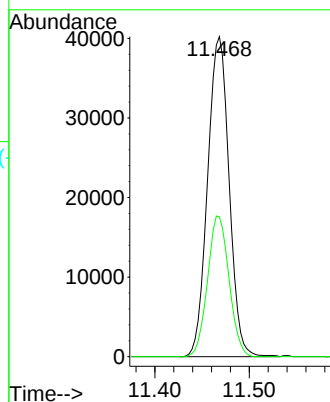
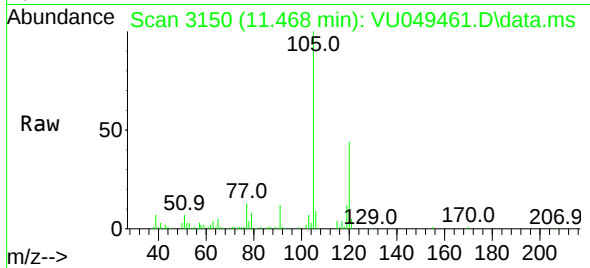
#84
1,2,4-Trimethylbenzene
Concen: 4.539 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU049461.D
Acq: 28 Jun 2022 16:21

Instrument :
MSVOA_U
ClientSampleId :
40814

Tgt Ion:105 Resp: 63530
Ion Ratio Lower Upper
105 100
120 43.8 23.4 70.3

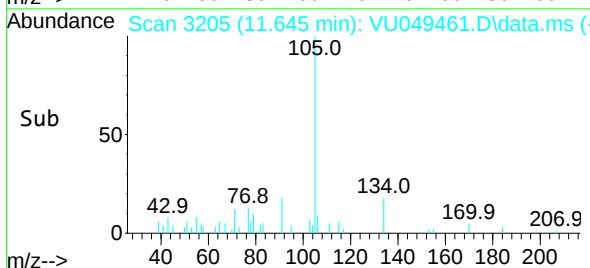
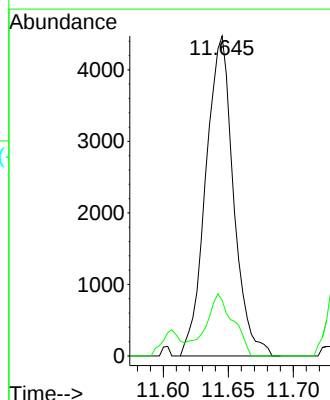
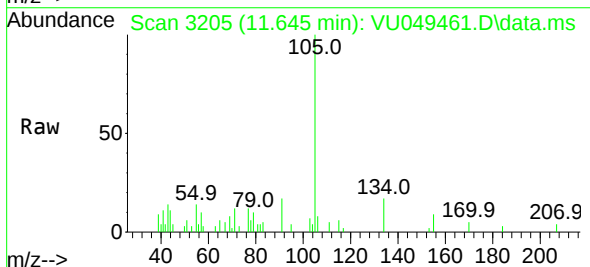
Manual Integrations
APPROVED

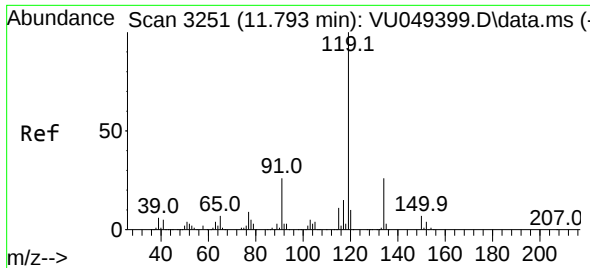
Reviewed By :Krupa Patel 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#85
sec-Butylbenzene
Concen: 0.377 ug/l m
RT: 11.645 min Scan# 3205
Delta R.T. 0.000 min
Lab File: VU049461.D
Acq: 28 Jun 2022 16:21

Tgt Ion:105 Resp: 6635
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#





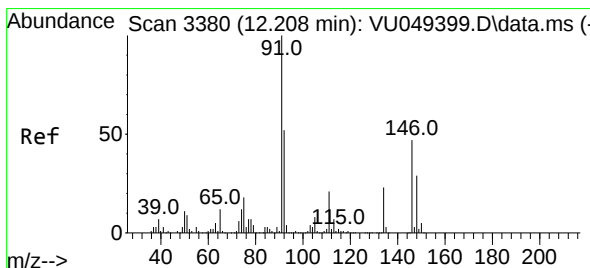
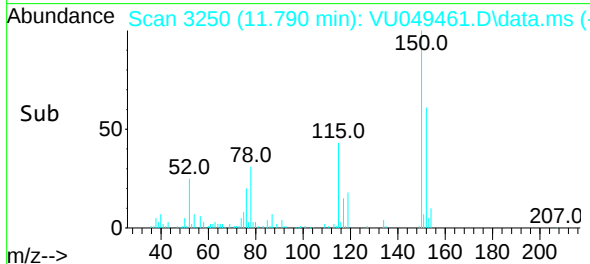
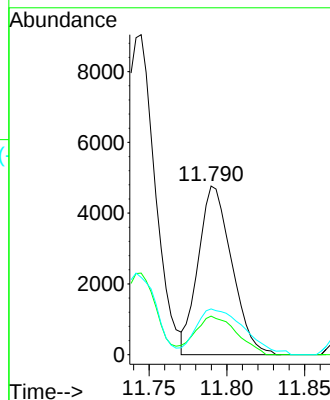
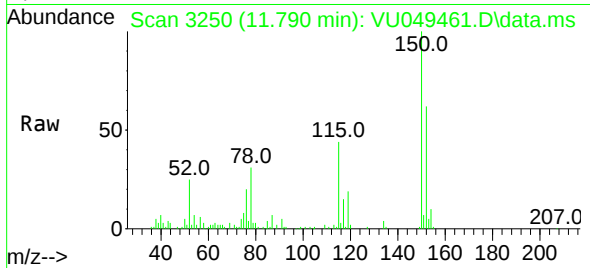
#86
p-Isopropyltoluene
Concen: 0.502 ug/l m
RT: 11.790 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU049461.D
Acq: 28 Jun 2022 16:21

Instrument :
MSVOA_U
ClientSampleId :
40814

Tgt Ion:119 Resp: 7152
Ion Ratio Lower Upper
119 100
134 49.9 13.5 40.4
91 49.3 11.2 33.5

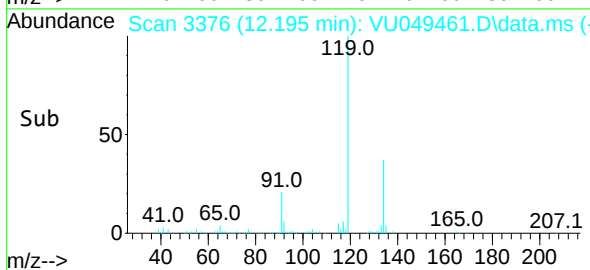
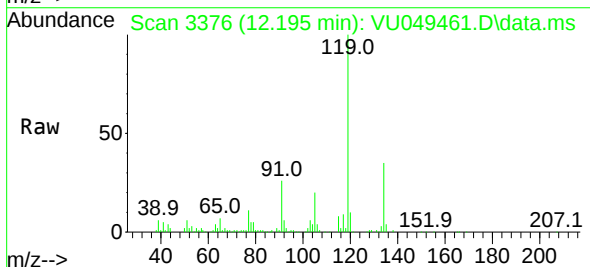
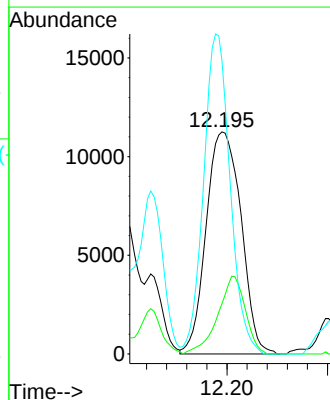
Manual Integrations
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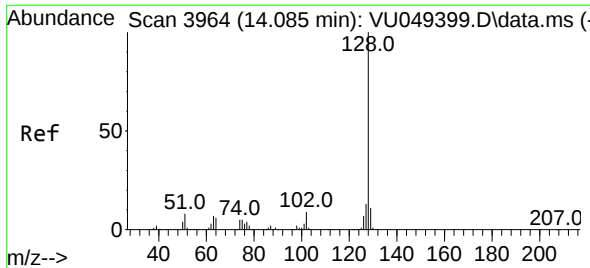
Reviewed By :Krupa Patel 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#89
n-Butylbenzene
Concen: 2.057 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. -0.013 min
Lab File: VU049461.D
Acq: 28 Jun 2022 16:21

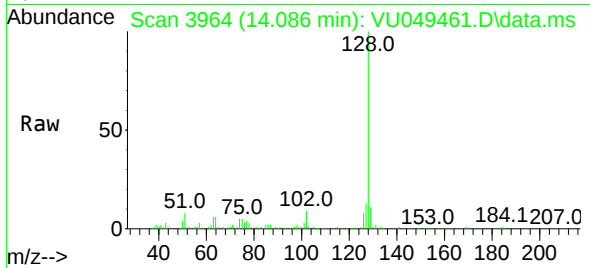
Tgt Ion: 91 Resp: 27127
Ion Ratio Lower Upper
91 100
92 27.6 26.2 78.6
134 109.5 13.5 40.4





#95
Naphthalene
Concen: 7.425 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU049461.D
Acq: 28 Jun 2022 16:21

Instrument :
MSVOA_U
ClientSampleId :
40814



Tgt Ion:128 Resp: 105719
Ion Ratio Lower Upper
128 100
127 14.3 10.3 15.5
129 12.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

