

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062822\
 Data File : VU049469.D
 Acq On : 28 Jun 2022 19:30
 Operator : SY/MD
 Sample : N3480-03DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 61522BDL

Manual Integrations
 APPROVED

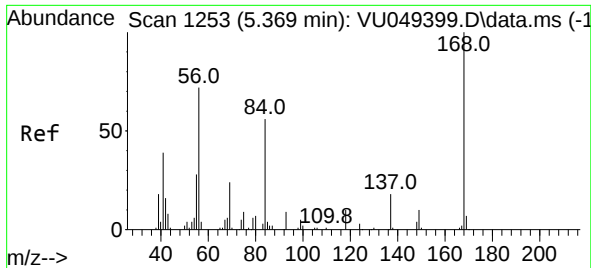
Reviewed By :Krupa Patel 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022

Quant Time: Jun 28 19:44:43 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)

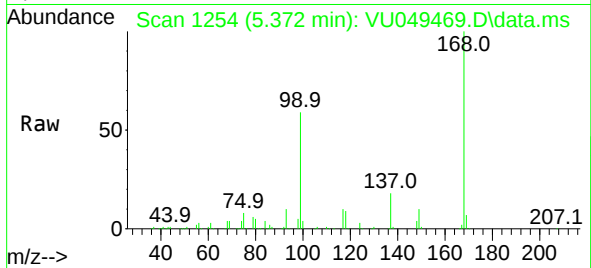
Internal Standards						
1) Pentafluorobenzene	5.372	168	315996	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	548917	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	498499	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	236196	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	210534	43.261	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.520%		
35) Dibromofluoromethane	5.288	113	172579	44.938	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.880%		
50) Toluene-d8	7.896	98	660614	48.229	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.460%		
62) 4-Bromofluorobenzene	10.632	95	245181	46.727	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.460%		
Target Compounds						
						Qvalue
16) Acetone	2.629	43	78477	31.977	ug/l	99
19) Methyl tert-butyl Ether	3.362	73	15362	1.203	ug/l	# 1
25) 2-Butanone	4.716	43	10905	2.965	ug/l	96
39) Methylcyclohexane	6.761	83	4556	0.683	ug/l	95
40) Benzene	5.777	78	25819	1.536	ug/l	100
52) Toluene	7.967	92	347537	34.780	ug/l	100
67) Ethyl Benzene	9.571	91	85435	4.566	ug/l	95
68) m/p-Xylenes	9.693	106	137681	19.889	ug/l	91
69) o-Xylene	10.098	106	85830	12.489	ug/l	89
73) Isopropylbenzene	10.484	105	10003	0.595	ug/l	97
78) n-propylbenzene	10.906	91	23670	1.158	ug/l	94
80) 1,3,5-Trimethylbenzene	11.089	105	47737	3.250	ug/l	95
84) 1,2,4-Trimethylbenzene	11.468	105	161911	11.220	ug/l	94
85) sec-Butylbenzene	11.642	105	7739	0.426	ug/l	94
86) p-Isopropyltoluene	11.793	119	4750m	0.323	ug/l	
89) n-Butylbenzene	12.205	91	13968	1.027	ug/l	# 34
95) Naphthalene	14.085	128	28115	3.204	ug/l	# 93

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049469.D
Acq: 28 Jun 2022 19:30

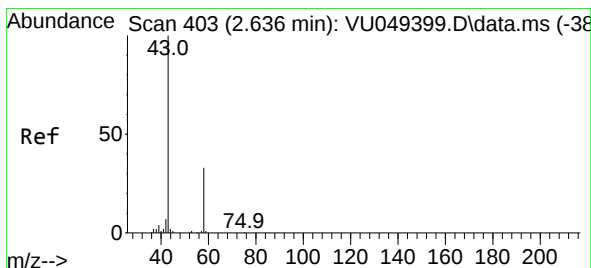
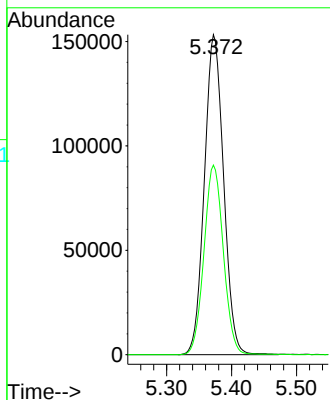
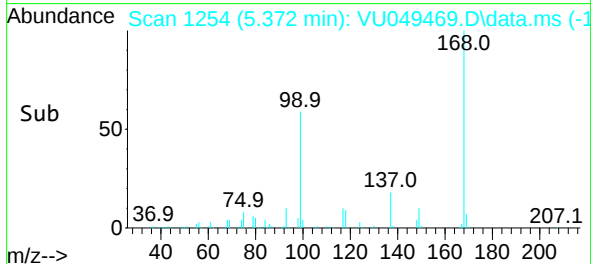
Instrument :
MSVOA_U
ClientSampleId :
61522BDL



Tgt Ion:168 Resp: 315990
Ion Ratio Lower Upper
168 100
99 59.3 39.3 58.9

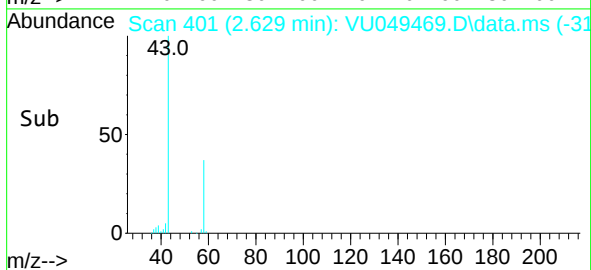
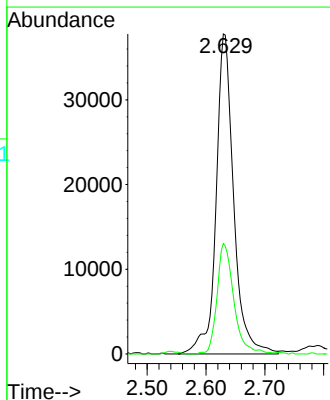
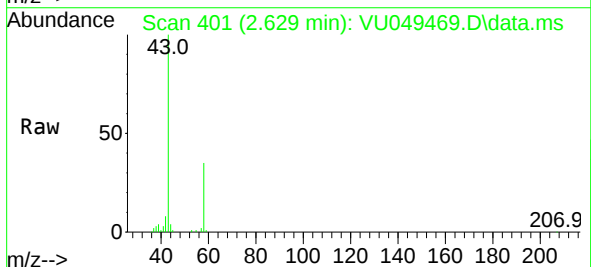
Manual Integrations
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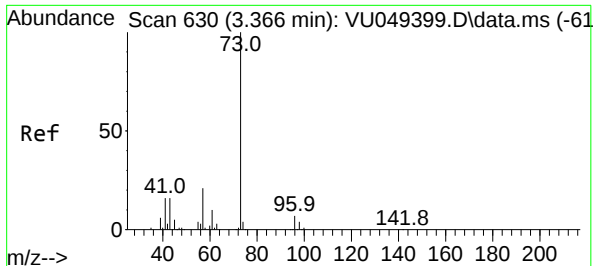
Reviewed By :Krupa Patel 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#16
Acetone
Concen: 31.977 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.006 min
Lab File: VU049469.D
Acq: 28 Jun 2022 19:30

Tgt Ion: 43 Resp: 78477
Ion Ratio Lower Upper
43 100
58 34.1 27.5 41.3





#19

Methyl tert-butyl Ether

Concen: 1.203 ug/l

RT: 3.362 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU049469.D

Acq: 28 Jun 2022 19:30

Instrument :

MSVOA_U

ClientSampleId :

61522BDL

Tgt Ion: 73 Resp: 1536

Ion Ratio Lower Upper

73 100

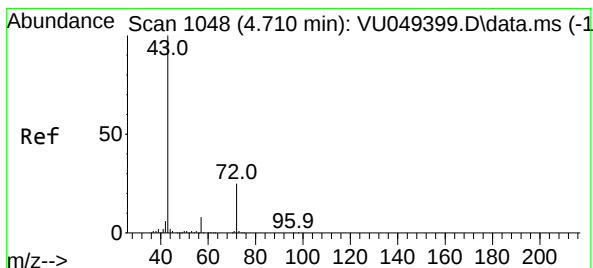
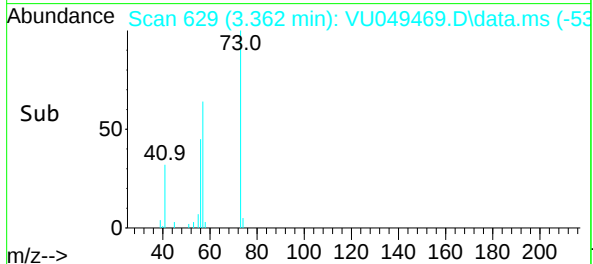
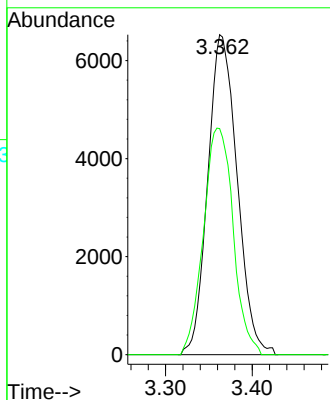
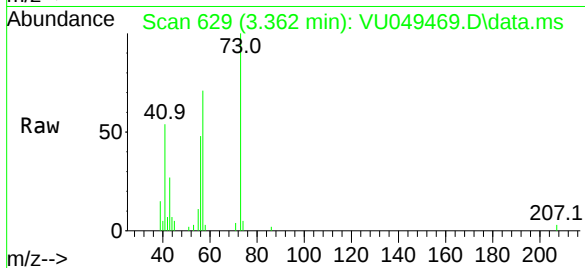
57 70.6 17.1 25.7

Manual Integrations

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#25

2-Butanone

Concen: 2.965 ug/l

RT: 4.716 min Scan# 1050

Delta R.T. 0.006 min

Lab File: VU049469.D

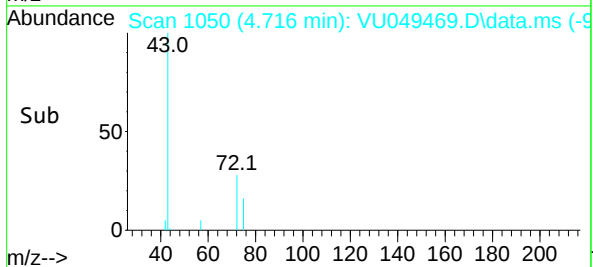
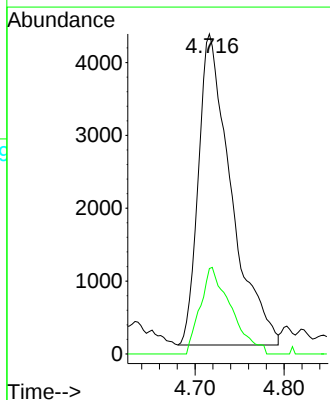
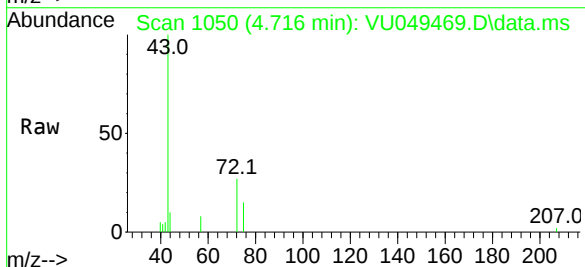
Acq: 28 Jun 2022 19:30

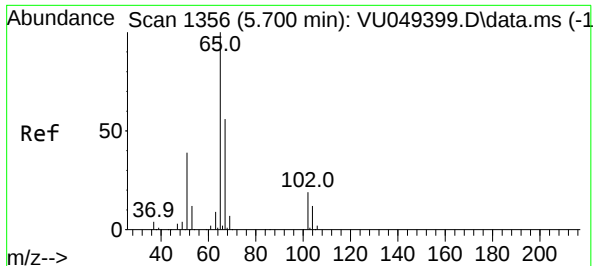
Tgt Ion: 43 Resp: 10905

Ion Ratio Lower Upper

43 100

72 27.5 23.8 35.6





#33

1,2-Dichloroethane-d4

Concen: 43.261 ug/l

RT: 5.703 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU049469.D

Acq: 28 Jun 2022 19:30

Instrument :

MSVOA_U

ClientSampleId :

61522BDL

Tgt Ion: 65 Resp: 210534

Ion Ratio Lower Upper

65 100

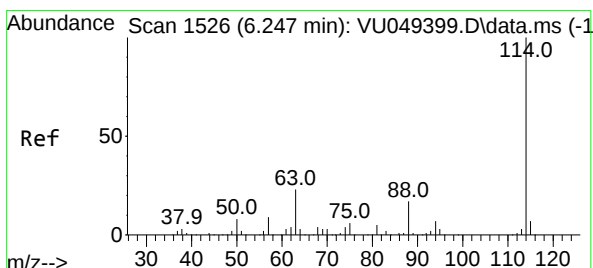
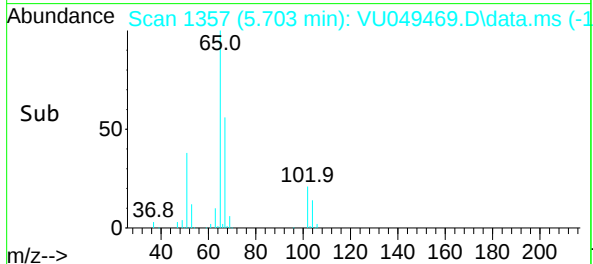
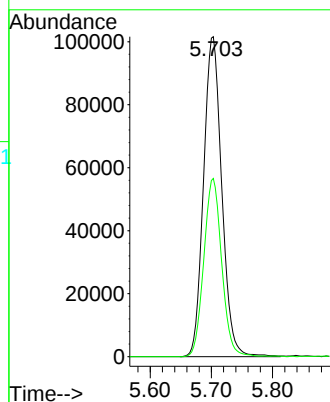
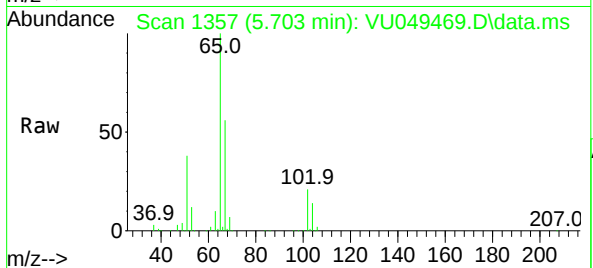
67 54.6 0.0 108.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. 0.003 min

Lab File: VU049469.D

Acq: 28 Jun 2022 19:30

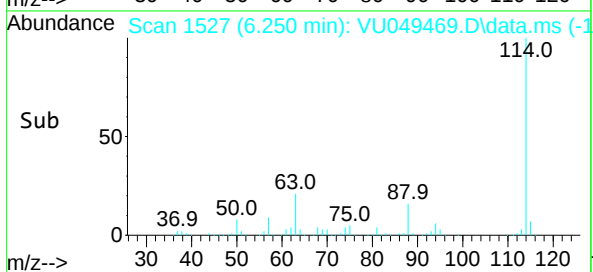
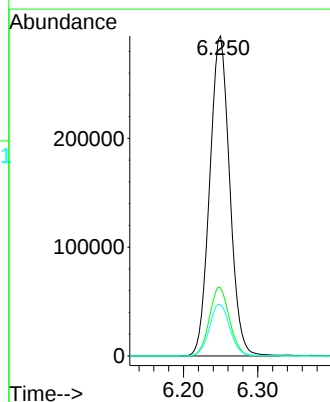
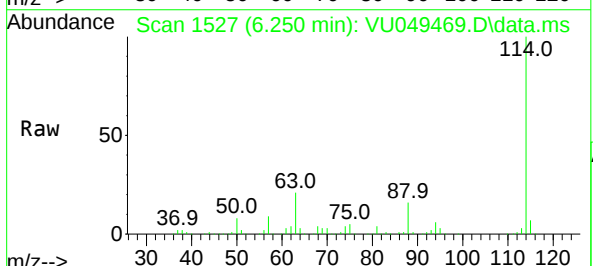
Tgt Ion:114 Resp: 548917

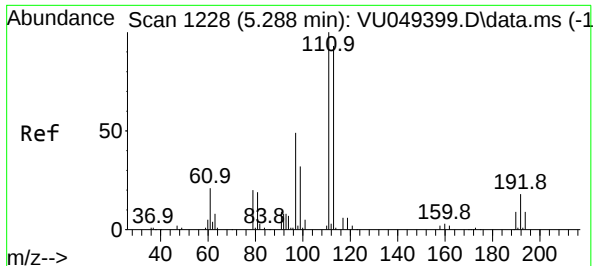
Ion Ratio Lower Upper

114 100

63 21.3 0.0 37.8

88 16.0 0.0 29.2





#35

Dibromofluoromethane

Concen: 44.938 ug/l

RT: 5.288 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049469.D

Acq: 28 Jun 2022 19:30

Instrument :

MSVOA_U

ClientSampleId :

61522BDL

Tgt Ion:113 Resp: 172579

Ion Ratio Lower Upper

113 100

111 102.8 82.1 123.1

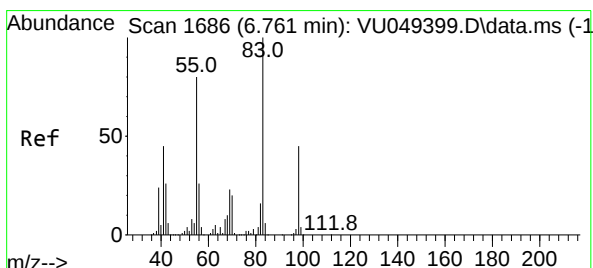
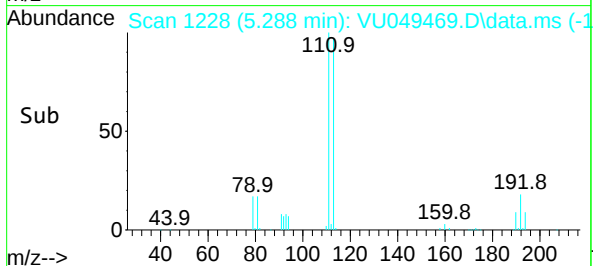
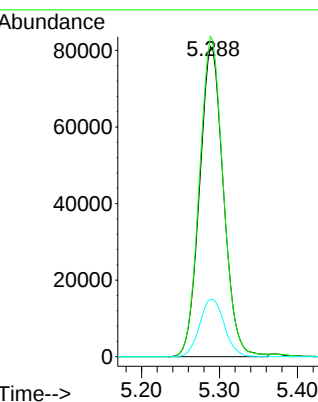
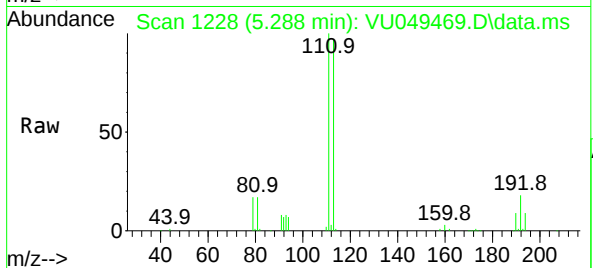
192 19.2 18.0 27.0

Manual Integrations

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Supervised By :Mahesh Dadoda 07/01/2022



#39

Methylcyclohexane

Concen: 0.683 ug/l

RT: 6.761 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VU049469.D

Acq: 28 Jun 2022 19:30

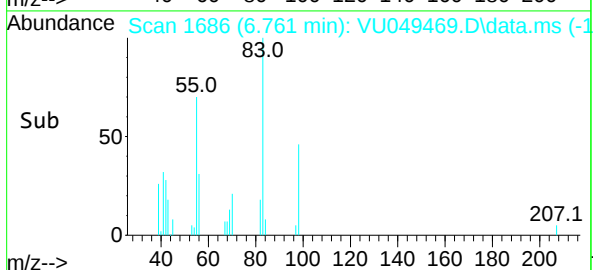
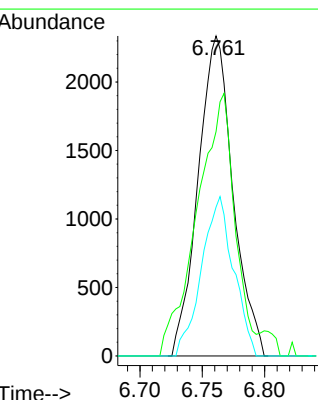
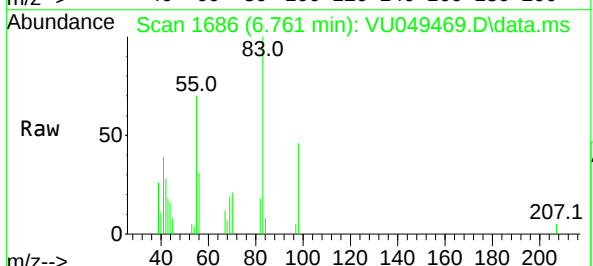
Tgt Ion: 83 Resp: 4556

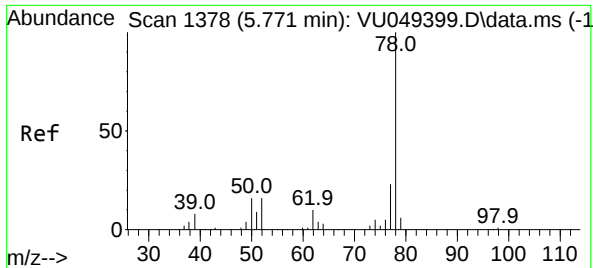
Ion Ratio Lower Upper

83 100

55 62.5 55.3 82.9

98 46.5 37.3 55.9





#40

Benzene

Concen: 1.536 ug/l

RT: 5.777 min Scan# 11

Delta R.T. 0.006 min

Lab File: VU049469.D

Acq: 28 Jun 2022 19:30

Instrument :

MSVOA_U

ClientSampleId :

61522BDL

Tgt Ion: 78 Resp: 25819

Ion Ratio Lower Upper

78 100

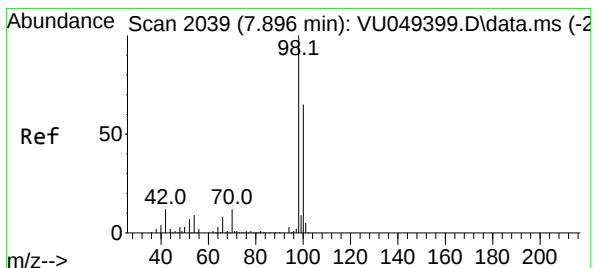
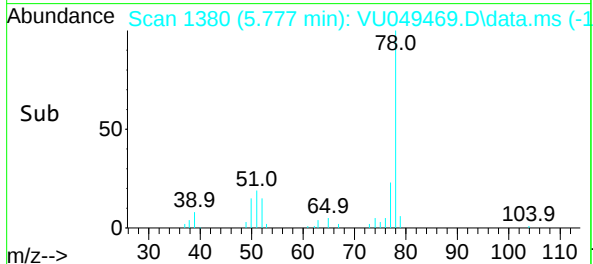
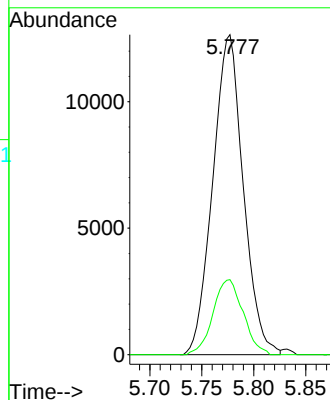
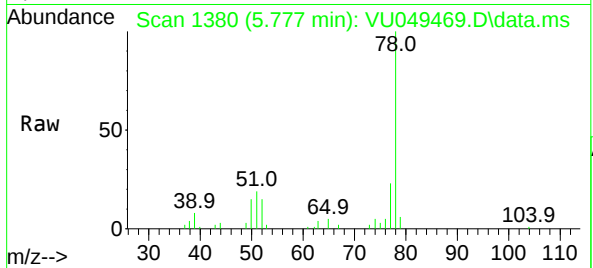
77 23.4 18.8 28.2

Manual Integrations

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Reviewed By :Krupa Patel 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#50

Toluene-d8

Concen: 48.229 ug/l

RT: 7.896 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VU049469.D

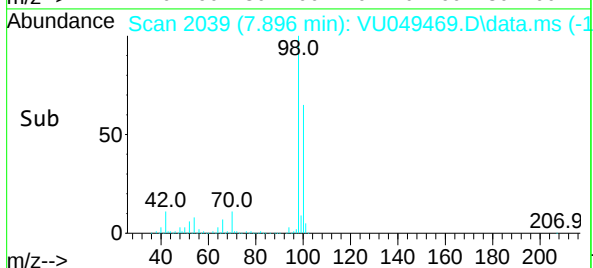
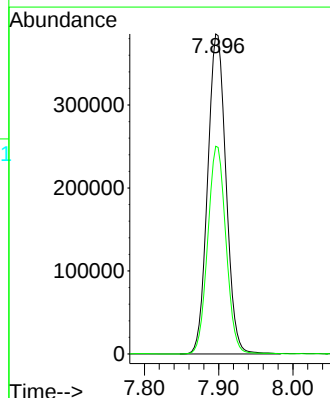
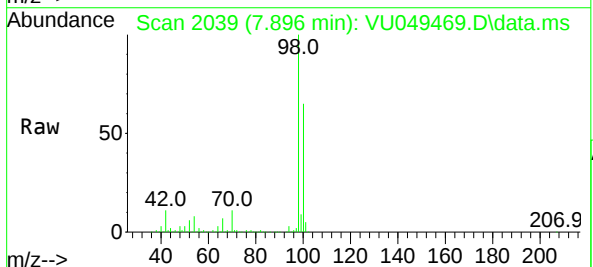
Acq: 28 Jun 2022 19:30

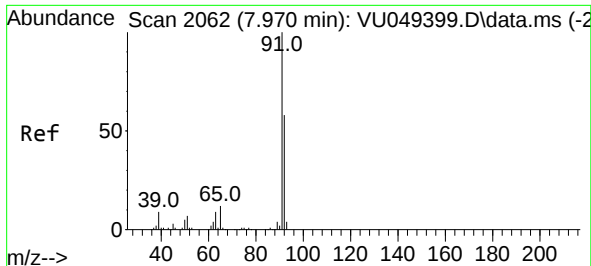
Tgt Ion: 98 Resp: 660614

Ion Ratio Lower Upper

98 100

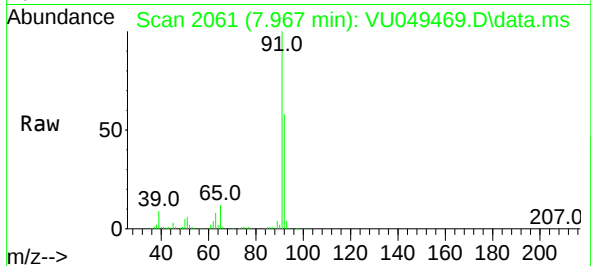
100 64.5 51.7 77.5





#52
Toluene
Concen: 34.780 ug/l
RT: 7.967 min Scan# 2062
Delta R.T. -0.003 min
Lab File: VU049469.D
Acq: 28 Jun 2022 19:30

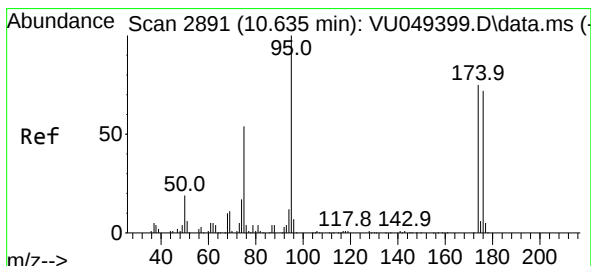
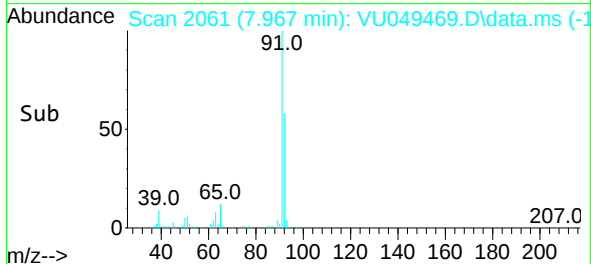
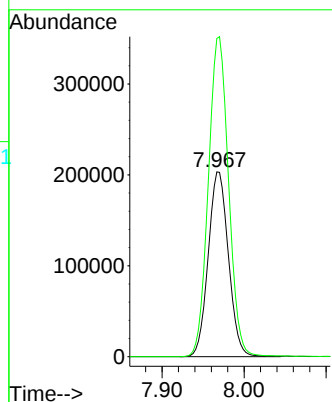
Instrument :
MSVOA_U
ClientSampleId :
61522BDL



Tgt Ion: 92 Resp: 34753
Ion Ratio Lower Upper
92 100
91 173.5 138.2 207.4

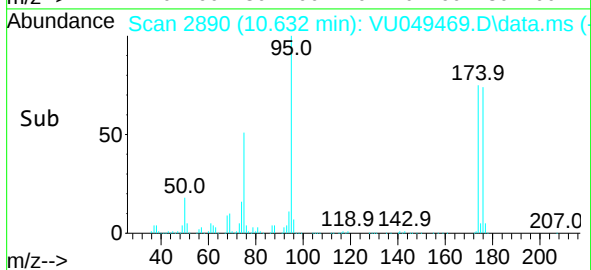
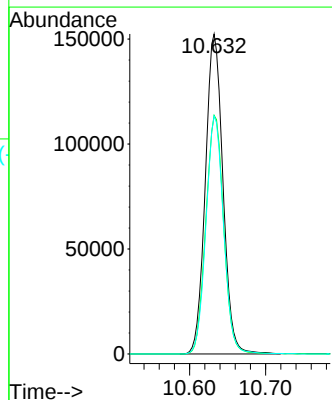
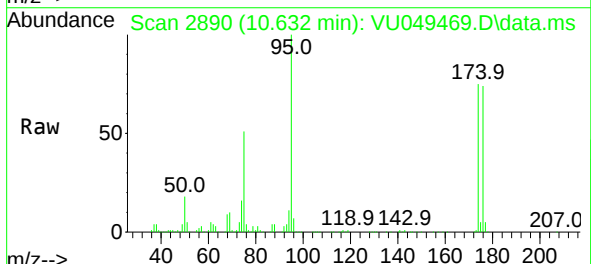
Manual Integrations
APPROVED

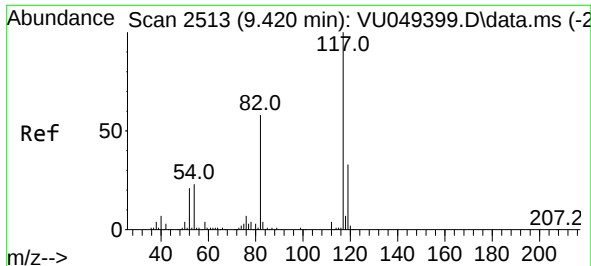
Reviewed By :Krupa Patel 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#62
4-Bromofluorobenzene
Concen: 46.727 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049469.D
Acq: 28 Jun 2022 19:30

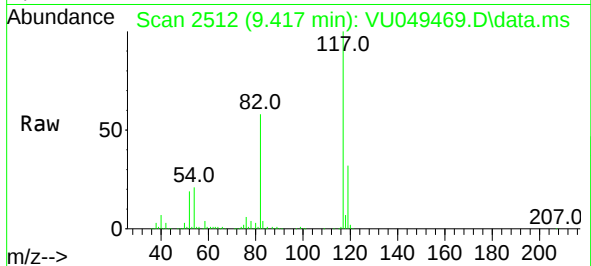
Tgt Ion: 95 Resp: 245181
Ion Ratio Lower Upper
95 100
174 75.6 0.0 182.0
176 74.2 0.0 177.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.003 min
Lab File: VU049469.D
Acq: 28 Jun 2022 19:30

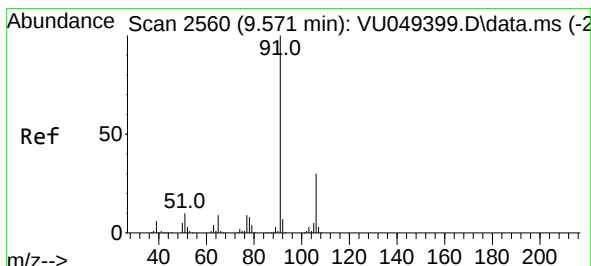
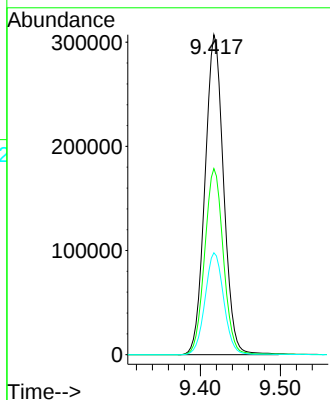
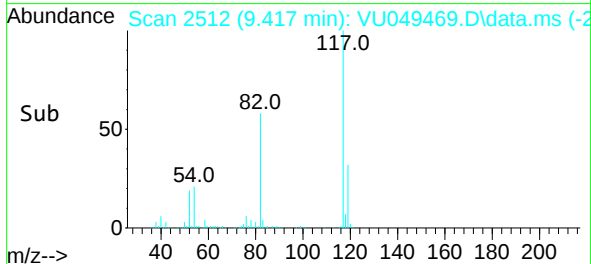
Instrument :
MSVOA_U
ClientSampleId :
61522BDL



Tgt Ion:117 Resp: 498499
Ion Ratio Lower Upper
117 100
82 58.2 41.7 62.5
119 31.9 25.7 38.5

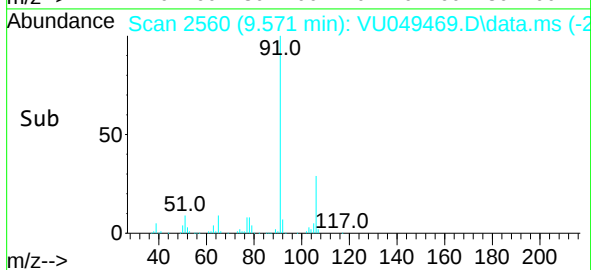
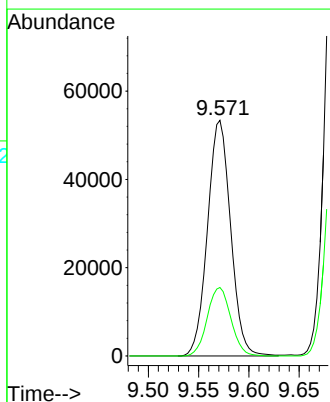
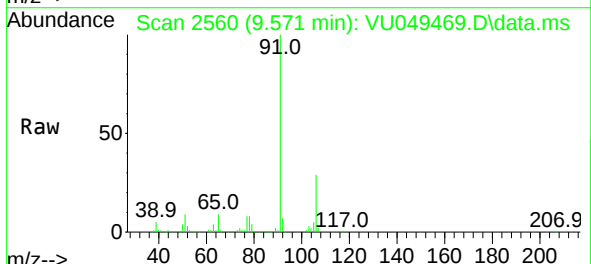
Manual Integrations
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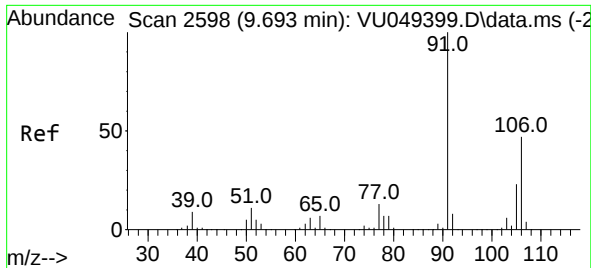
Reviewed By :Krupa Patel 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#67
Ethyl Benzene
Concen: 4.566 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU049469.D
Acq: 28 Jun 2022 19:30

Tgt Ion: 91 Resp: 85435
Ion Ratio Lower Upper
91 100
106 29.1 25.6 38.4





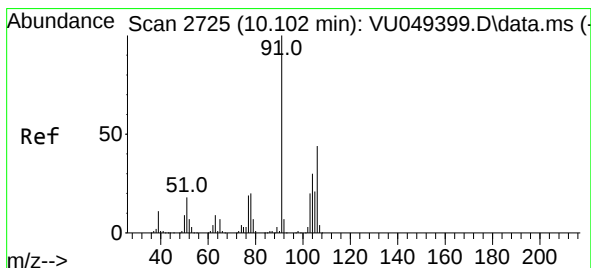
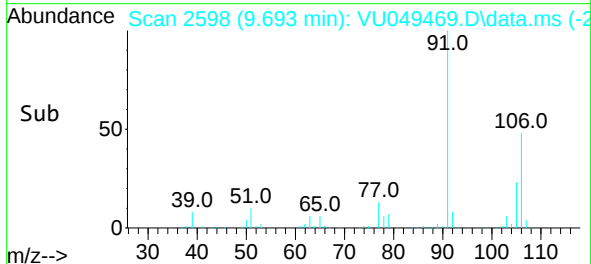
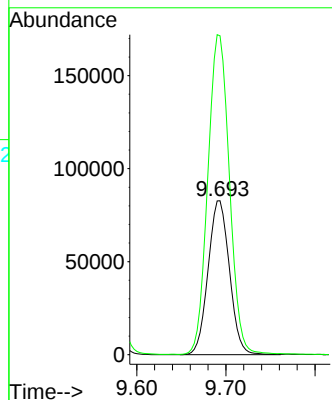
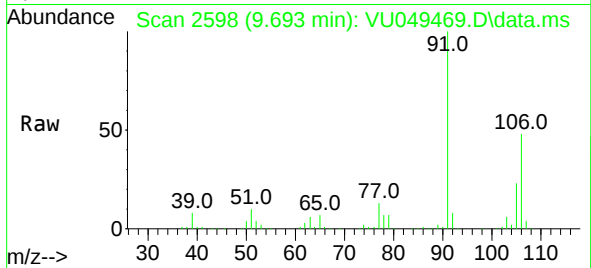
#68
m/p-Xylenes
Concen: 19.889 ug/l
RT: 9.693 min Scan# 2106
Delta R.T. 0.000 min
Lab File: VU049469.D
Acq: 28 Jun 2022 19:30

Instrument :
MSVOA_U
ClientSampleId :
61522BDL

Tgt Ion:106 Resp: 13768
Ion Ratio Lower Upper
106 100
91 210.1 157.2 235.8

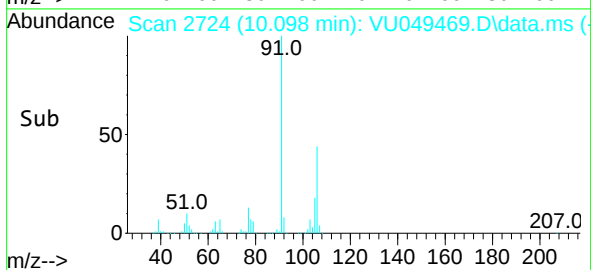
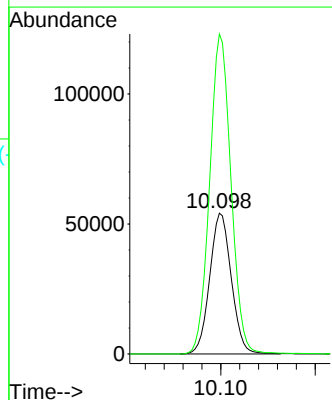
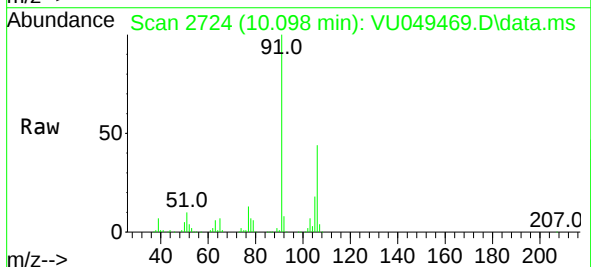
Manual Integrations
APPROVED

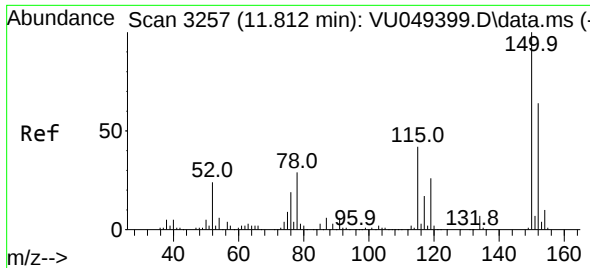
Reviewed By :Krupa Patel 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#69
o-Xylene
Concen: 12.489 ug/l
RT: 10.098 min Scan# 2724
Delta R.T. -0.003 min
Lab File: VU049469.D
Acq: 28 Jun 2022 19:30

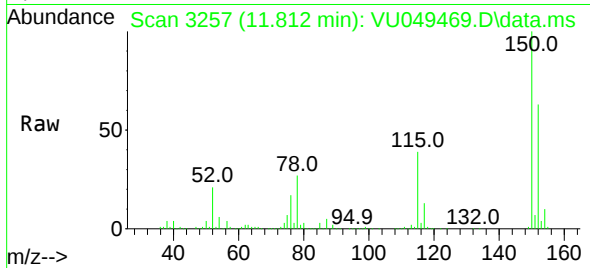
Tgt Ion:106 Resp: 85830
Ion Ratio Lower Upper
106 100
91 224.6 103.5 310.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU049469.D
Acq: 28 Jun 2022 19:30

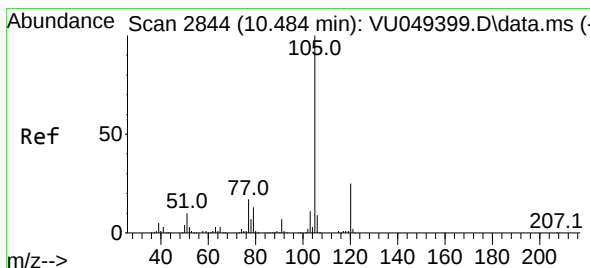
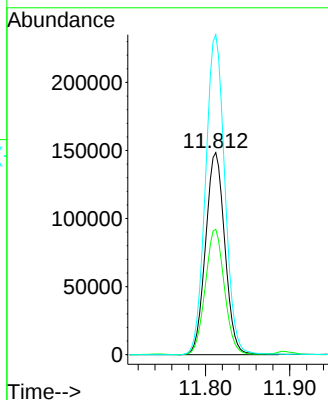
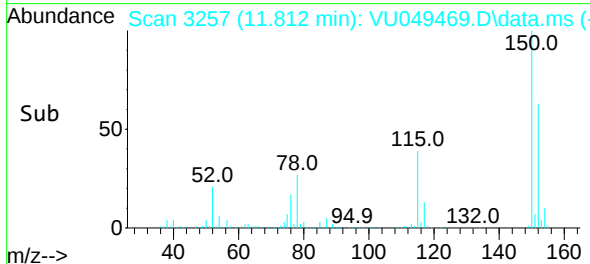
Instrument :
MSVOA_U
ClientSampleId :
61522BDL



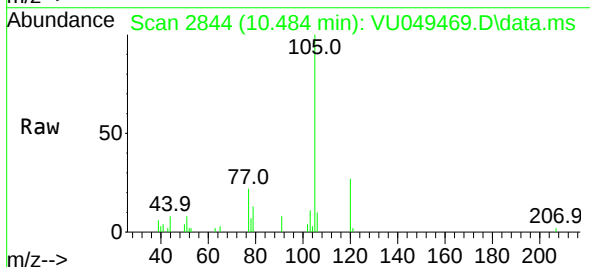
Tgt Ion:152 Resp: 236190
Ion Ratio Lower Upper
152 100
115 61.7 37.0 110.9
150 158.4 0.0 342.2

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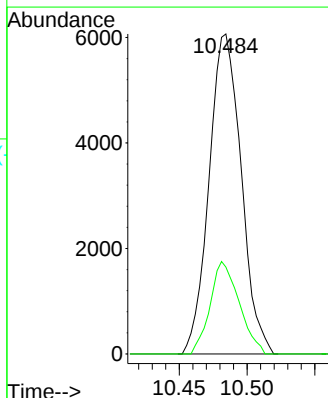
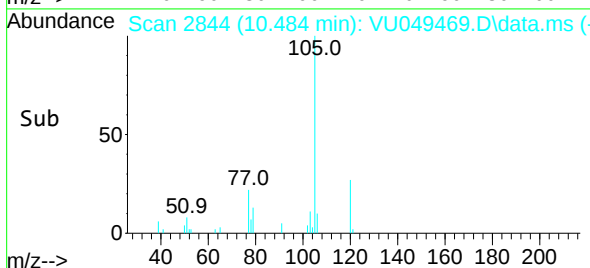
Reviewed By :Krupa Patel 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

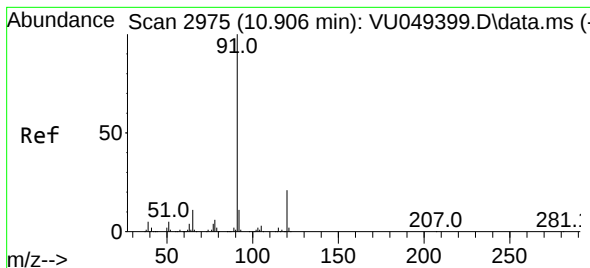


#73
Isopropylbenzene
Concen: 0.595 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU049469.D
Acq: 28 Jun 2022 19:30



Tgt Ion:105 Resp: 10003
Ion Ratio Lower Upper
105 100
120 26.1 13.8 41.4





#78

n-propylbenzene

Concen: 1.158 ug/l

RT: 10.906 min Scan# 2975

Delta R.T. 0.000 min

Lab File: VU049469.D

Acq: 28 Jun 2022 19:30

Instrument :

MSVOA_U

ClientSampleId :

61522BDL

Tgt Ion: 91 Resp: 23670

Ion Ratio Lower Upper

91 100

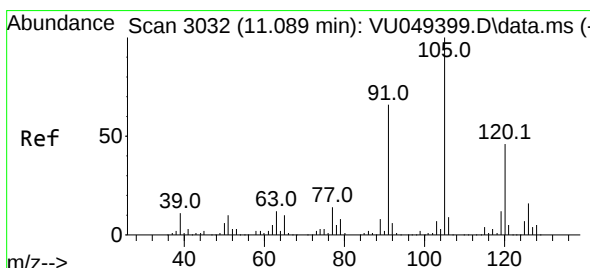
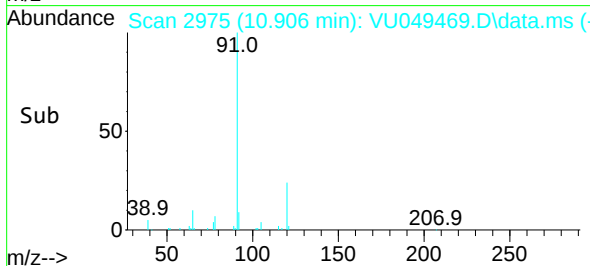
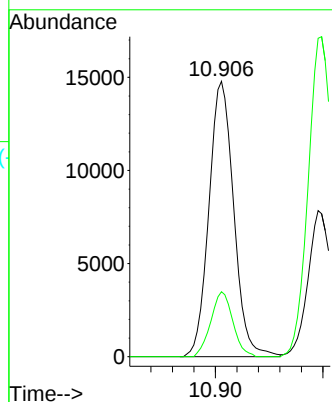
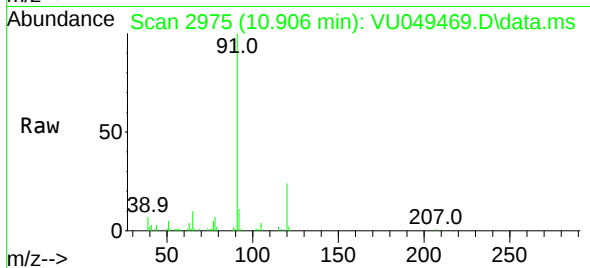
120 20.9 11.9 35.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#80

1,3,5-Trimethylbenzene

Concen: 3.250 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU049469.D

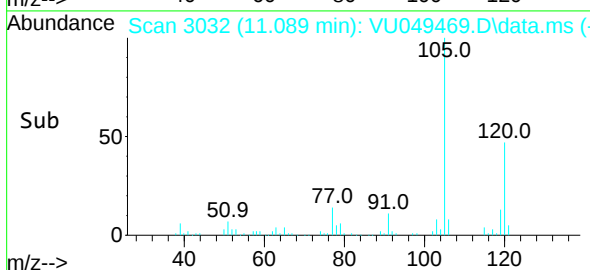
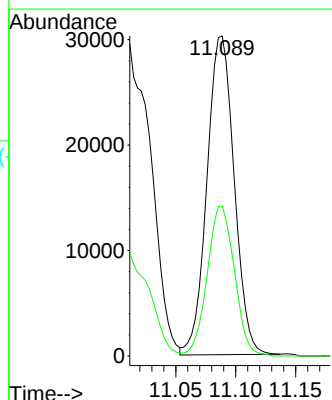
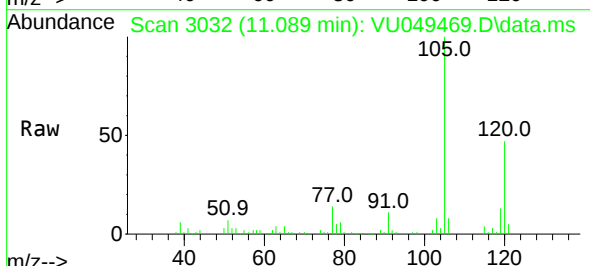
Acq: 28 Jun 2022 19:30

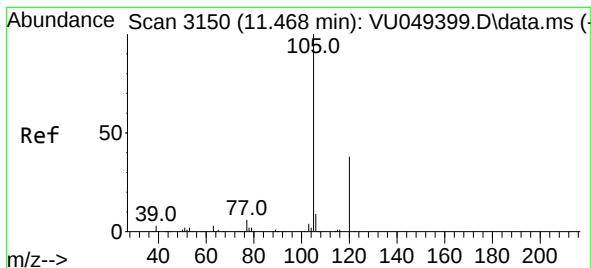
Tgt Ion:105 Resp: 47737

Ion Ratio Lower Upper

105 100

120 47.0 25.3 75.9





#84

1,2,4-Trimethylbenzene

Concen: 11.220 ug/l

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU049469.D

Acq: 28 Jun 2022 19:30

Instrument :

MSVOA_U

ClientSampleId :

61522BDL

Tgt Ion:105 Resp: 16191

Ion Ratio Lower Upper

105 100

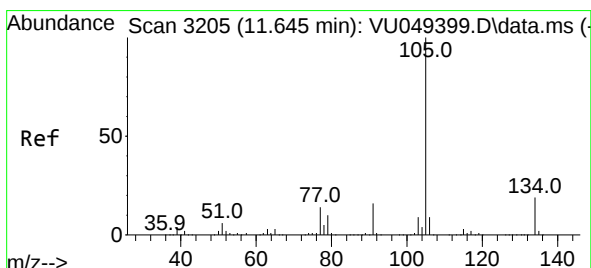
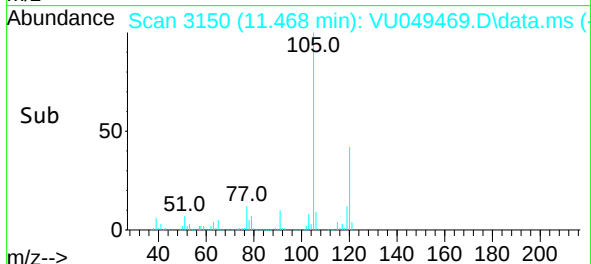
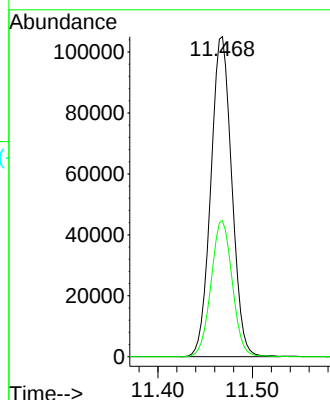
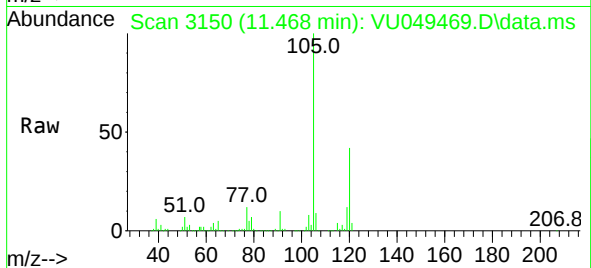
120 43.0 23.4 70.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#85

sec-Butylbenzene

Concen: 0.426 ug/l

RT: 11.642 min Scan# 3204

Delta R.T. -0.003 min

Lab File: VU049469.D

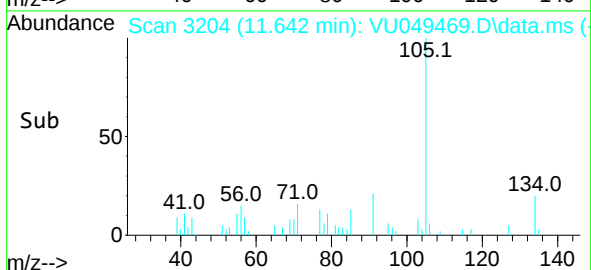
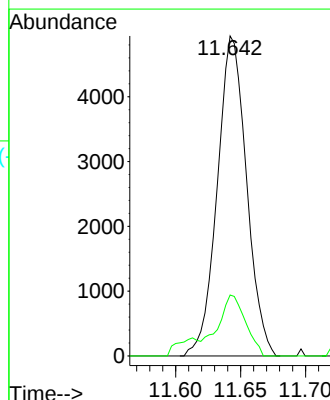
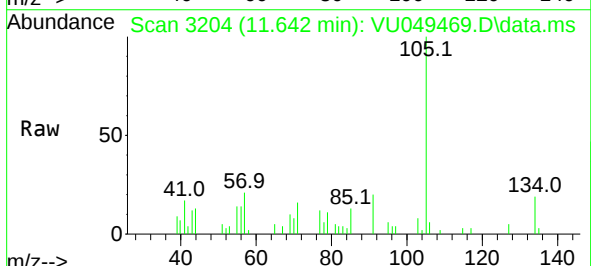
Acq: 28 Jun 2022 19:30

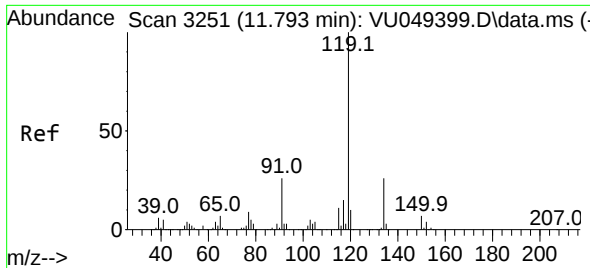
Tgt Ion:105 Resp: 7739

Ion Ratio Lower Upper

105 100

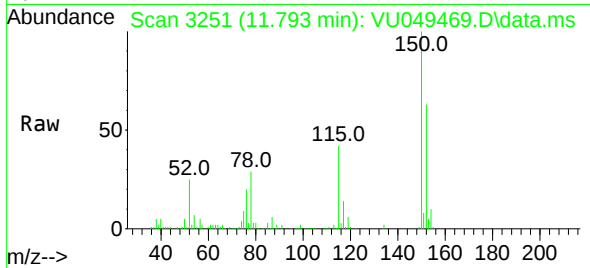
134 17.9 10.4 31.1





#86
p-Isopropyltoluene
Concen: 0.323 ug/l m
RT: 11.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU049469.D
Acq: 28 Jun 2022 19:30

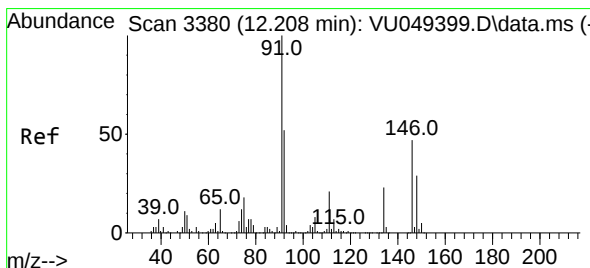
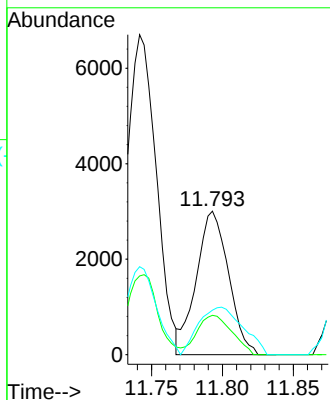
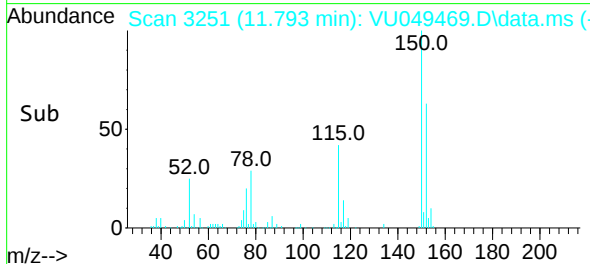
Instrument :
MSVOA_U
ClientSampleId :
61522BDL



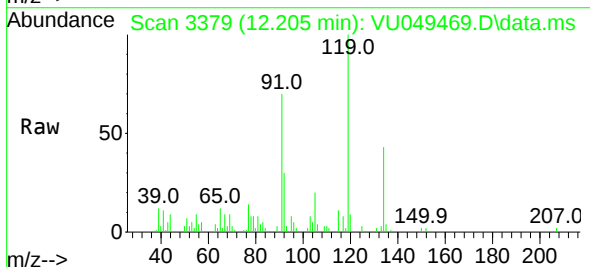
Tgt Ion: 119 Resp: 4750
Ion Ratio Lower Upper
119 100
134 53.8 13.5 40.4
91 57.6 11.2 33.5

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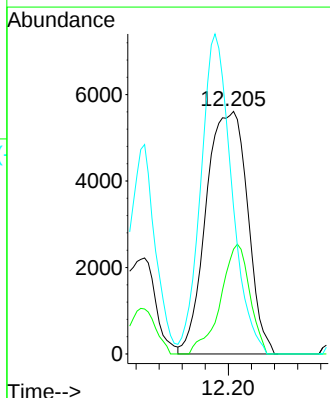
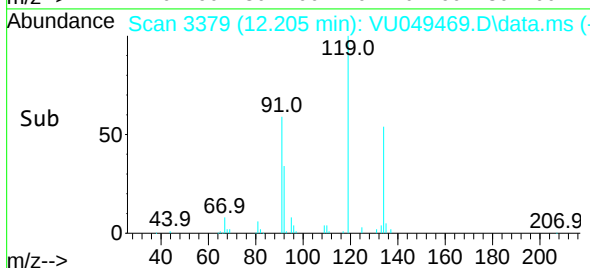
Reviewed By :Krupa Patel 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

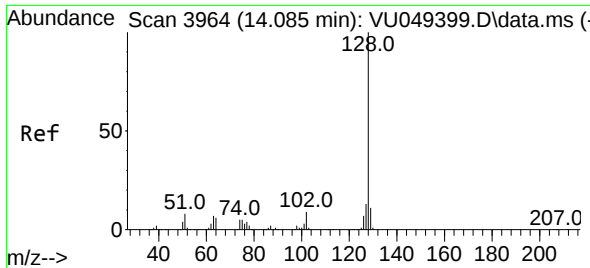


#89
n-Butylbenzene
Concen: 1.027 ug/l
RT: 12.205 min Scan# 3379
Delta R.T. -0.003 min
Lab File: VU049469.D
Acq: 28 Jun 2022 19:30



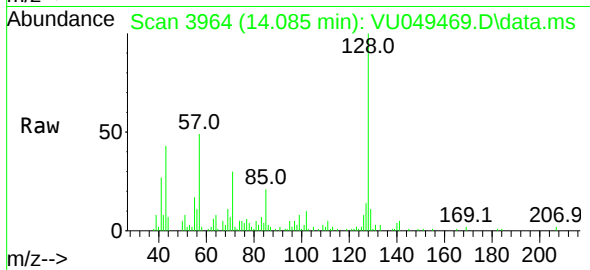
Tgt Ion: 91 Resp: 13968
Ion Ratio Lower Upper
91 100
92 31.8 26.2 78.6
134 98.0 13.5 40.4





#95
Naphthalene
Concen: 3.204 ug/l
RT: 14.085 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU049469.D
Acq: 28 Jun 2022 19:30

Instrument : MSVOA_U
ClientSampleId : 61522BDL



Tgt Ion:	128	Resp:	2811
Ion Ratio	Lower	Upper	
128	100		
127	11.1	10.3	15.5
129	14.5	8.6	13.0

Manual Integrations
APPROVED

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

