

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110922\
 Data File : VD074838.D
 Acq On : 09 Nov 2022 19:50
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/10/2022
 Supervised By :Mahesh Dadoda 11/10/2022

Quant Time: Nov 10 00:37:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	248144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	409639	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	349669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	136118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	85923	43.719	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	87.440%		
35) Dibromofluoromethane	7.810	113	112118	46.269	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.540%		
50) Toluene-d8	10.269	98	409822	46.365	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.720%		
62) 4-Bromofluorobenzene	12.575	95	114611	44.908	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	89.820%		
Target Compounds					Qvalue	
31) Cyclohexane	7.857	56	44320	11.138	ug/l #	47
39) Methylcyclohexane	9.275	83	56960	12.728	ug/l	92
67) Ethyl Benzene	11.687	91	19976	1.628	ug/l	95
68) m/p-Xylenes	11.792	106	338910	69.565	ug/l	96
69) o-Xylene	12.122	106	66921	14.942	ug/l	97
73) Isopropylbenzene	12.422	105	47246	4.751	ug/l	100
78) n-propylbenzene	12.763	91	65856	5.528	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	136675	16.845	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	419535	52.404	ug/l	98
85) sec-Butylbenzene	13.345	105	20378	1.889	ug/l #	50
86) p-Isopropyltoluene	13.463	119	9744	1.073	ug/l	99
89) n-Butylbenzene	13.786	91	33870m	4.076	ug/l	
95) Naphthalene	15.328	128	167651	34.956	ug/l	99

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

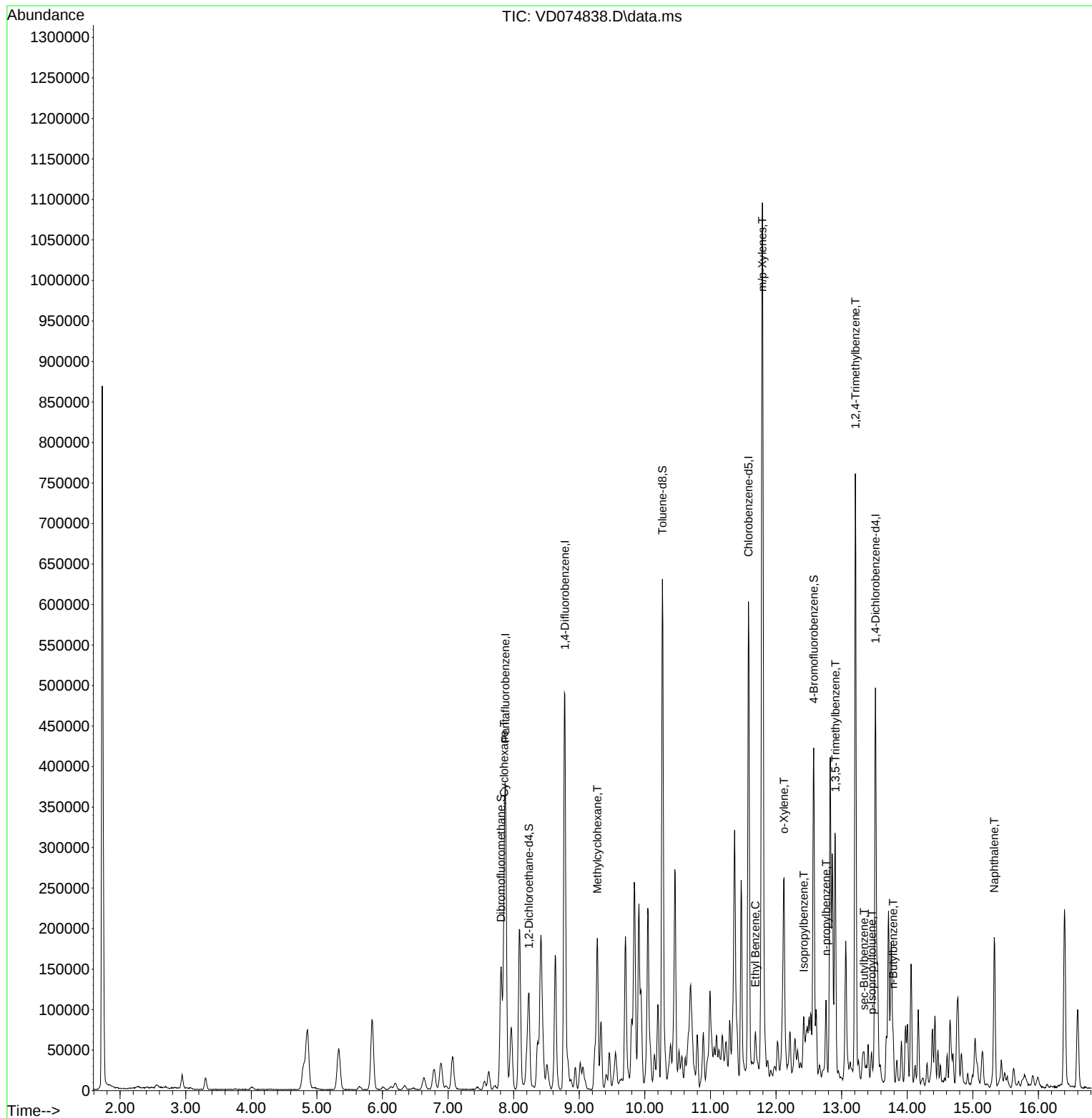
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110922\
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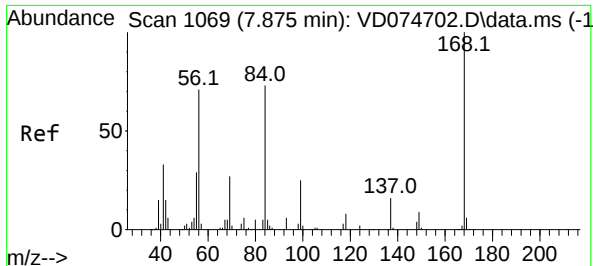
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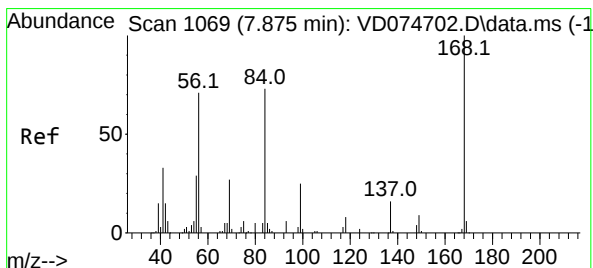
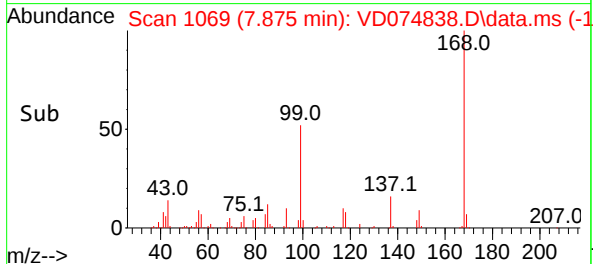
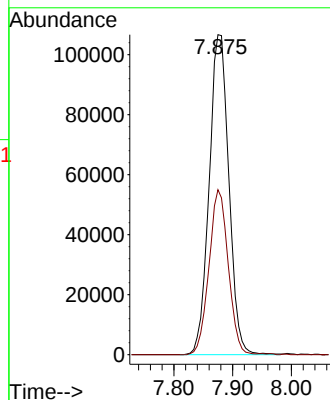
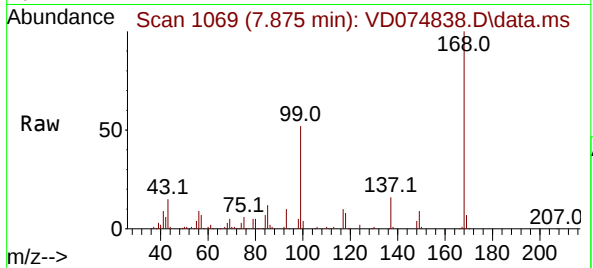
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074838.D
Acq: 09 Nov 2022 19:50

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 248144
Ion Ratio Lower Upper
168 100
99 51.6 40.9 61.3

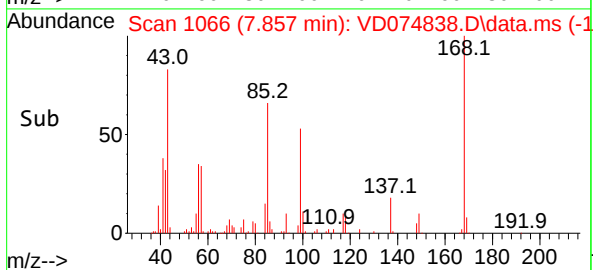
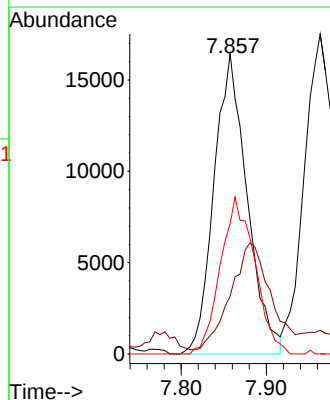
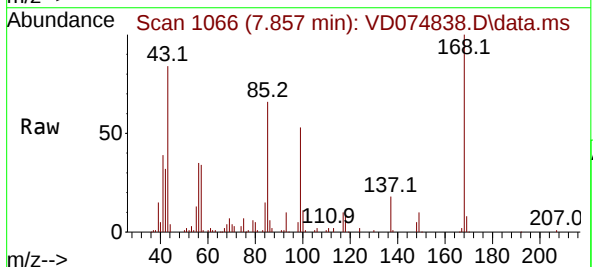
Manual Integrations
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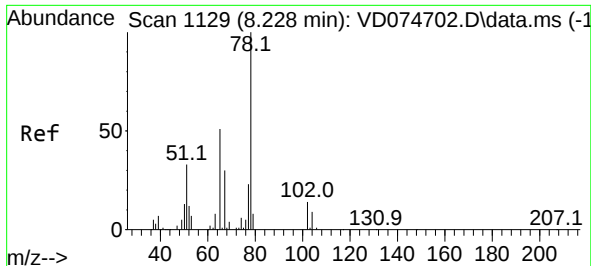
Reviewed By :Krupa Patel 11/10/2022
Supervised By :Mahesh Dadoda 11/10/2022



#31
Cyclohexane
Concen: 11.138 ug/l
RT: 7.857 min Scan# 1066
Delta R.T. -0.018 min
Lab File: VD074838.D
Acq: 09 Nov 2022 19:50

Tgt Ion: 56 Resp: 44320
Ion Ratio Lower Upper
56 100
69 16.6 29.2 43.8#
84 43.4 83.4 125.2#





#33

1,2-Dichloroethane-d4

Concen: 43.719 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD074838.D

Acq: 09 Nov 2022 19:50

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

Tgt Ion: 65 Resp: 8592

Ion Ratio Lower Upper

65 100

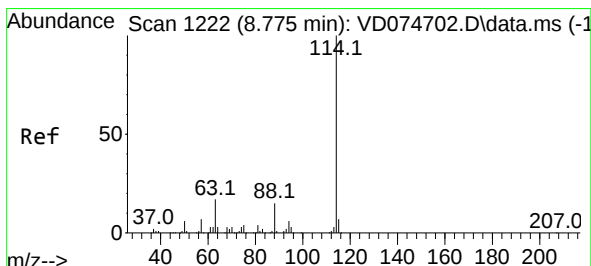
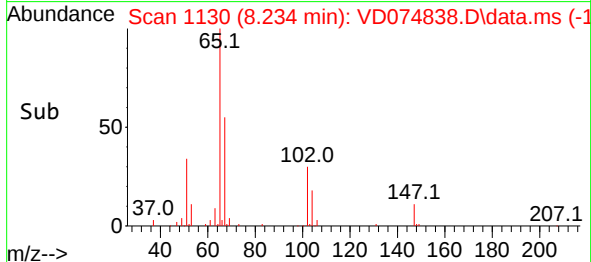
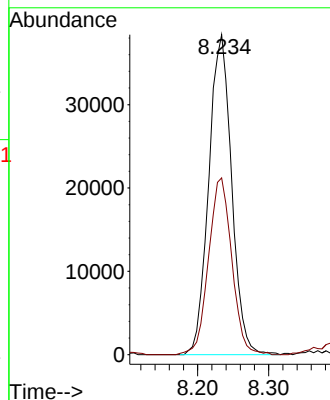
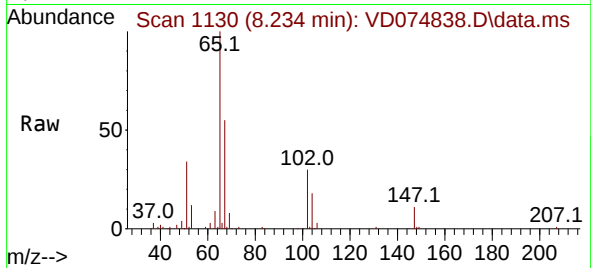
67 56.1 0.0 110.2

Manual Integrations

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Supervised By :Mahesh Dadoda 11/10/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD074838.D

Acq: 09 Nov 2022 19:50

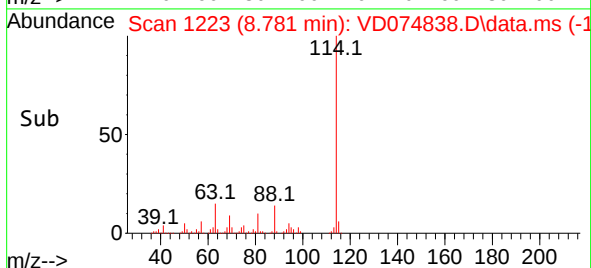
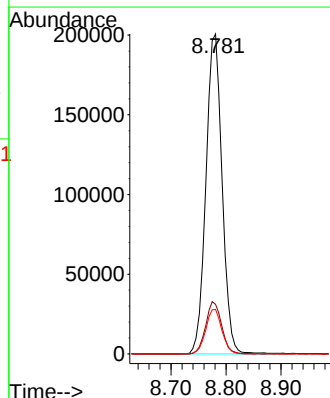
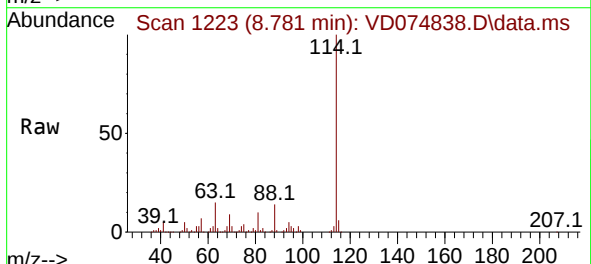
Tgt Ion:114 Resp: 409639

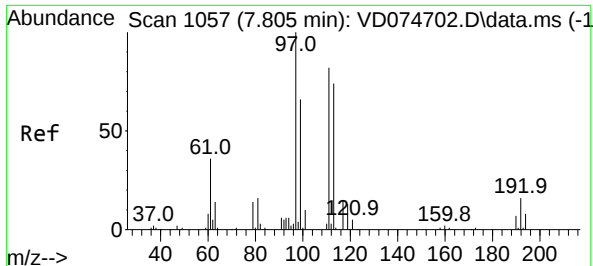
Ion Ratio Lower Upper

114 100

63 15.5 0.0 33.2

88 13.9 0.0 28.2





#35

Dibromofluoromethane

Concen: 46.269 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD074838.D

Acq: 09 Nov 2022 19:50

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

Tgt Ion: 113 Resp: 112118

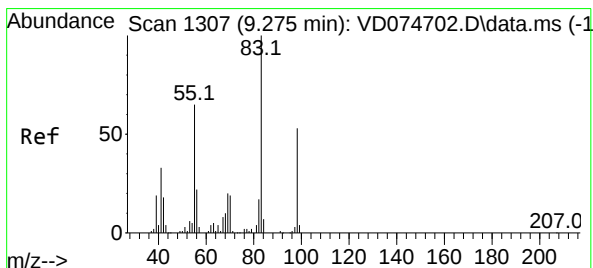
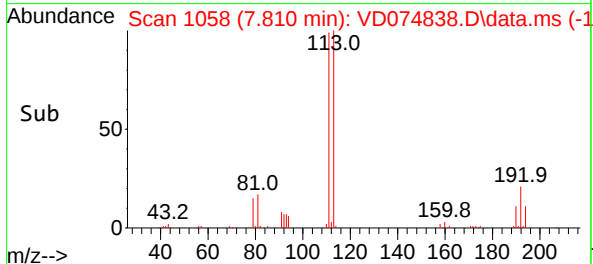
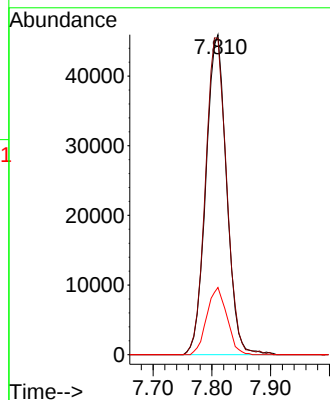
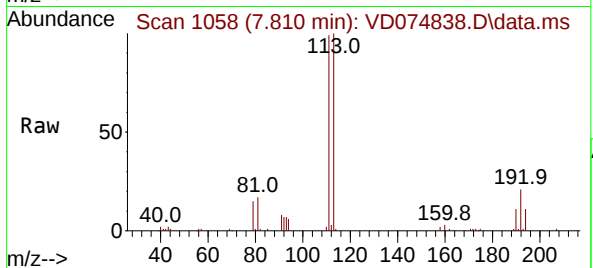
Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.3	123.5
192	20.5	16.4	24.6

Manual Integrations

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Supervised By :Mahesh Dadoda 11/10/2022



#39

Methylcyclohexane

Concen: 12.728 ug/l

RT: 9.275 min Scan# 1307

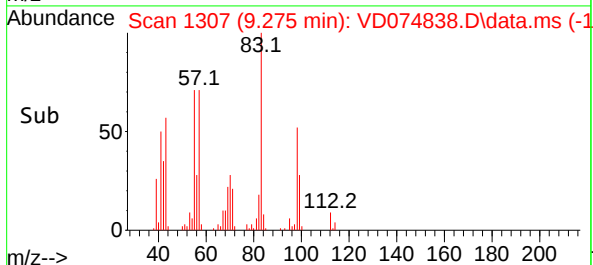
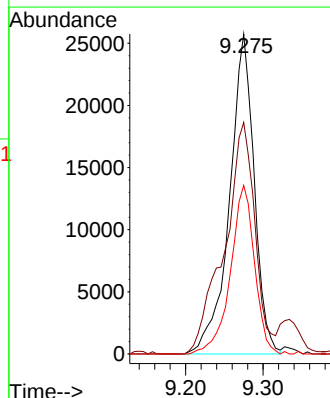
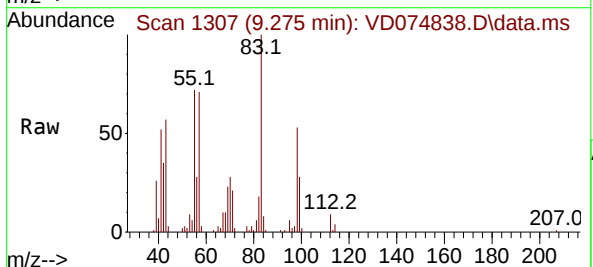
Delta R.T. -0.000 min

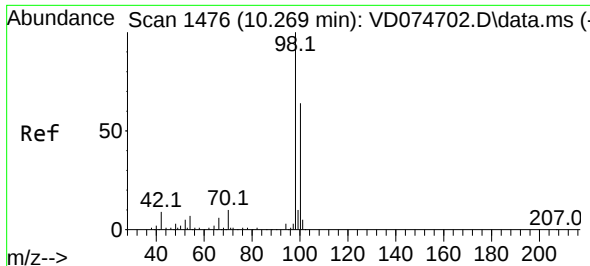
Lab File: VD074838.D

Acq: 09 Nov 2022 19:50

Tgt Ion: 83 Resp: 56960

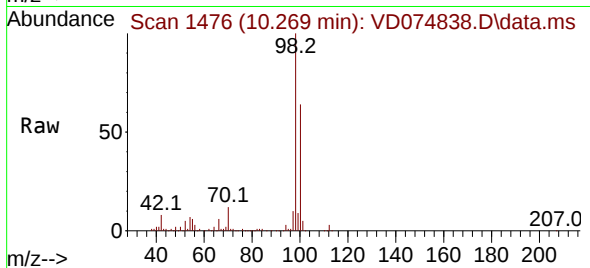
Ion	Ratio	Lower	Upper
83	100		
55	72.4	49.0	73.4
98	52.7	41.7	62.5





#50
Toluene-d8
Concen: 46.365 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074838.D
Acq: 09 Nov 2022 19:50

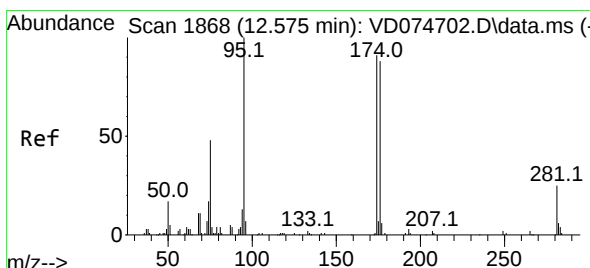
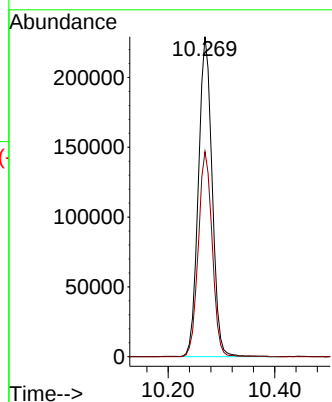
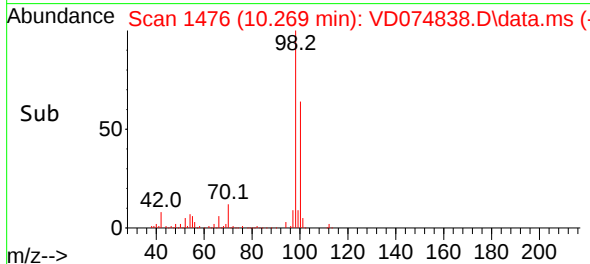
Instrument :
MSVOA_D
ClientSampleId :
VIBLK



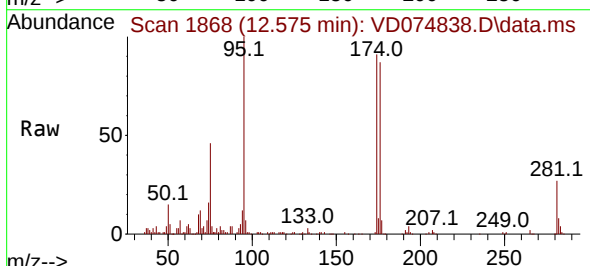
Tgt Ion: 98 Resp: 40982
Ion Ratio Lower Upper
98 100
100 64.7 51.4 77.0

Manual Integrations
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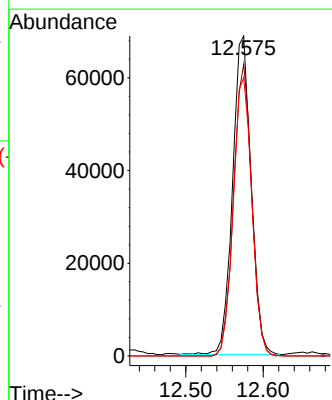
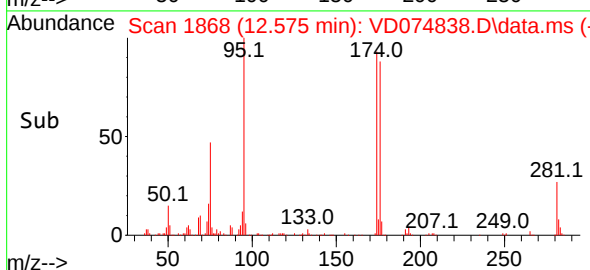
Reviewed By :Krupa Patel 11/10/2022
Supervised By :Mahesh Dadoda 11/10/2022

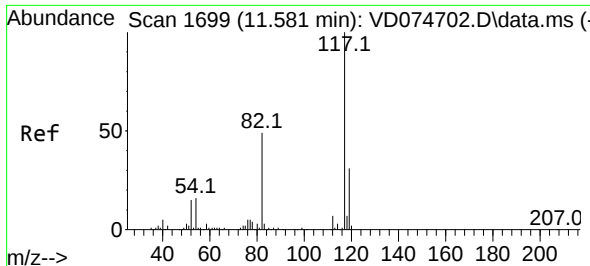


#62
4-Bromofluorobenzene
Concen: 44.908 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074838.D
Acq: 09 Nov 2022 19:50



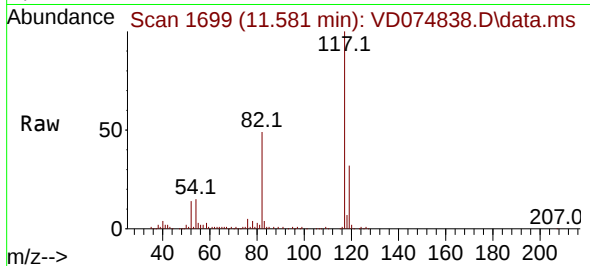
Tgt Ion: 95 Resp: 114611
Ion Ratio Lower Upper
95 100
174 89.6 0.0 197.0
176 87.0 0.0 182.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074838.D
Acq: 09 Nov 2022 19:50

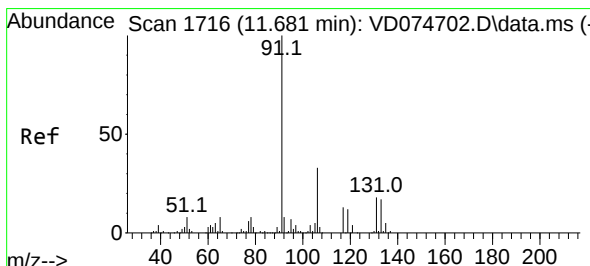
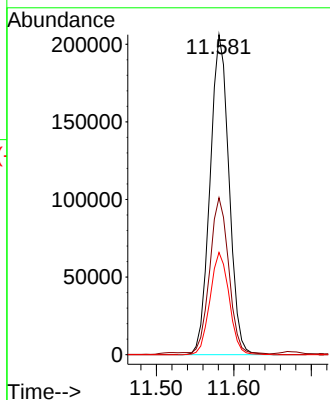
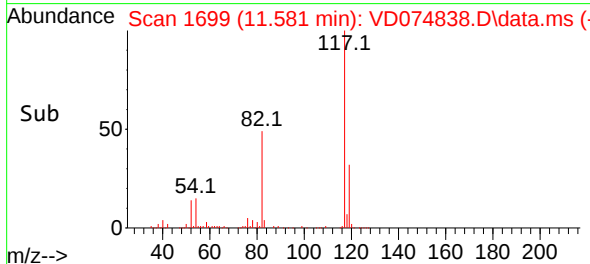
Instrument :
MSVOA_D
ClientSampleId :
VIBLK



Tgt Ion:117 Resp: 349669
Ion Ratio Lower Upper
117 100
82 48.6 41.6 62.4
119 32.0 25.2 37.8

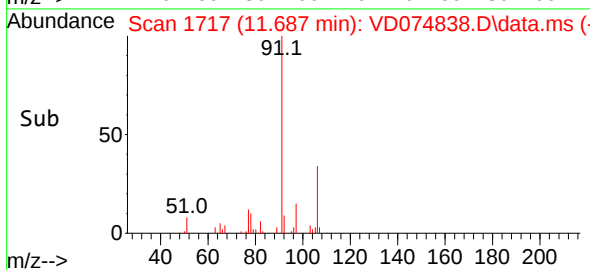
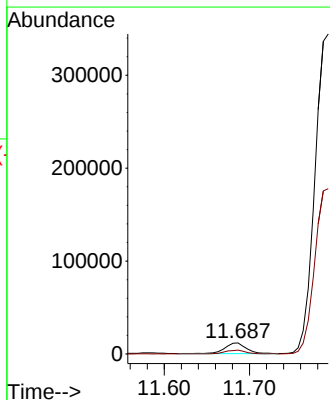
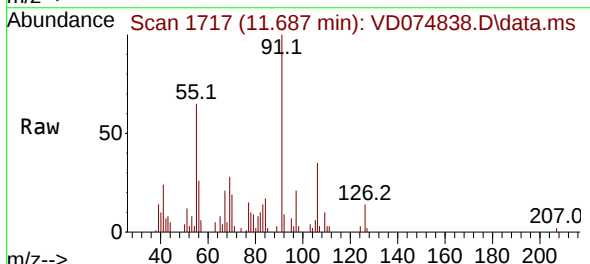
Manual Integrations
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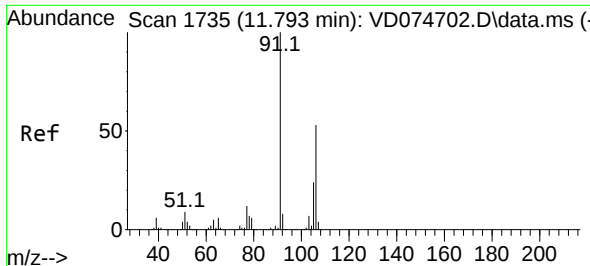
Reviewed By :Krupa Patel 11/10/2022
Supervised By :Mahesh Dadoda 11/10/2022



#67
Ethyl Benzene
Concen: 1.628 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VD074838.D
Acq: 09 Nov 2022 19:50

Tgt Ion: 91 Resp: 19976
Ion Ratio Lower Upper
91 100
106 35.9 26.6 40.0





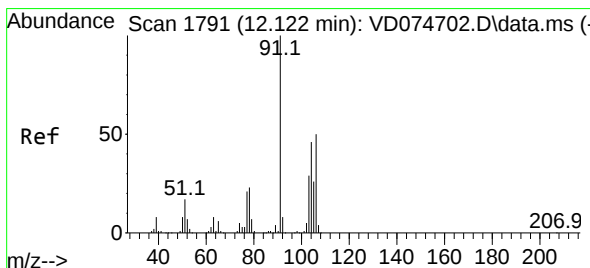
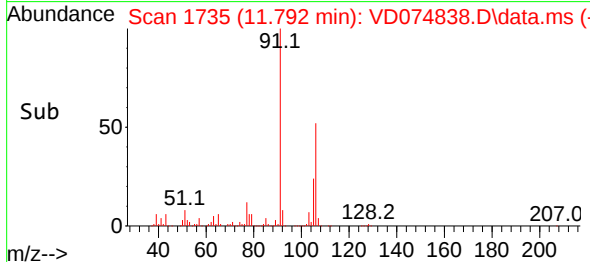
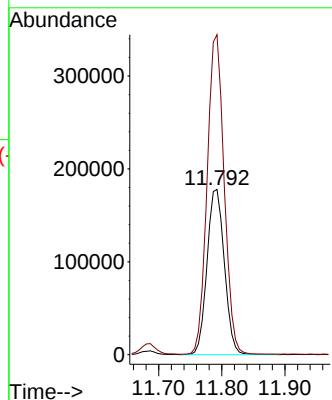
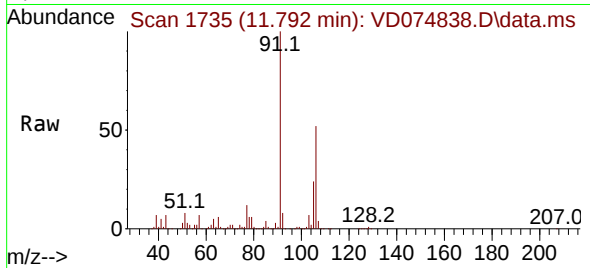
#68
m/p-Xylenes
Concen: 69.565 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.001 min
Lab File: VD074838.D
Acq: 09 Nov 2022 19:50

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:106 Resp: 338910
Ion Ratio Lower Upper
106 100
91 189.4 156.2 234.4

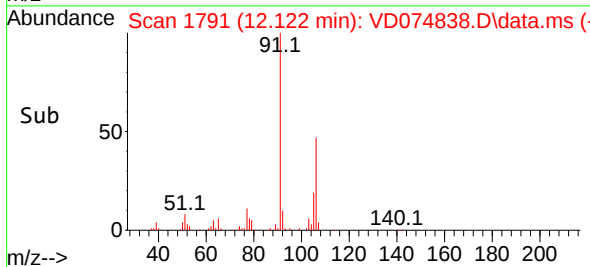
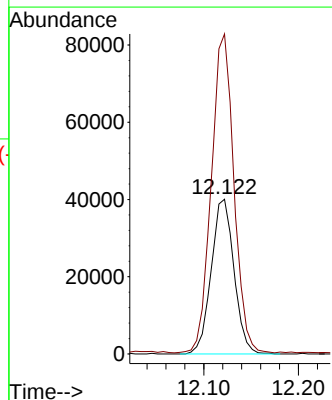
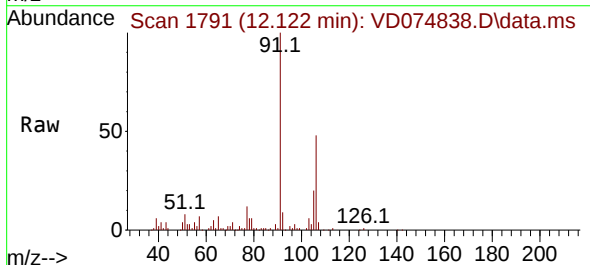
Manual Integrations
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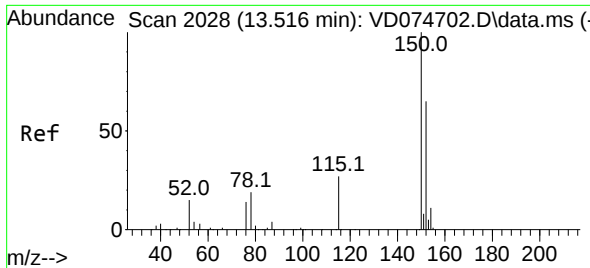
Reviewed By :Krupa Patel 11/10/2022
Supervised By :Mahesh Dadoda 11/10/2022



#69
o-Xylene
Concen: 14.942 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD074838.D
Acq: 09 Nov 2022 19:50

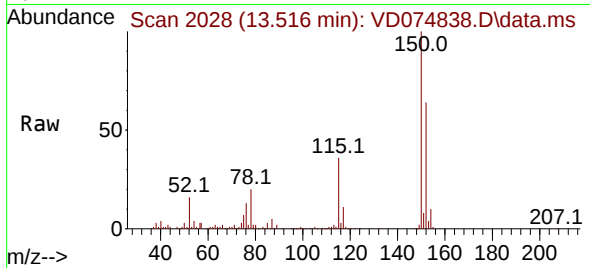
Tgt Ion:106 Resp: 66921
Ion Ratio Lower Upper
106 100
91 204.0 104.5 313.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD074838.D
Acq: 09 Nov 2022 19:50

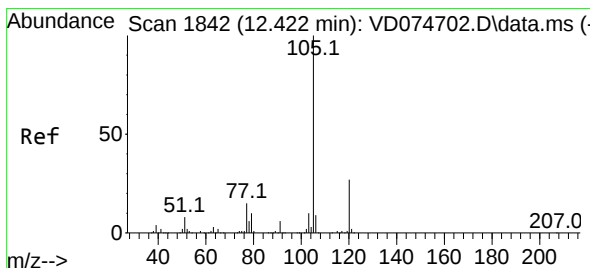
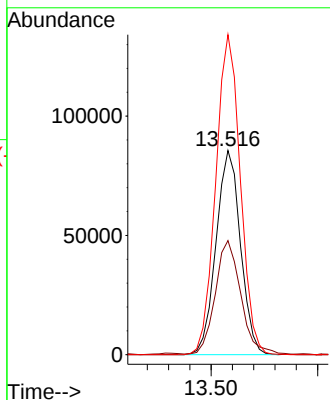
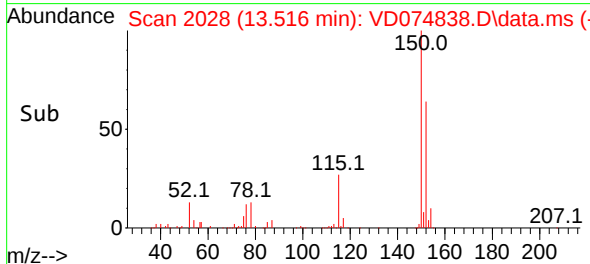
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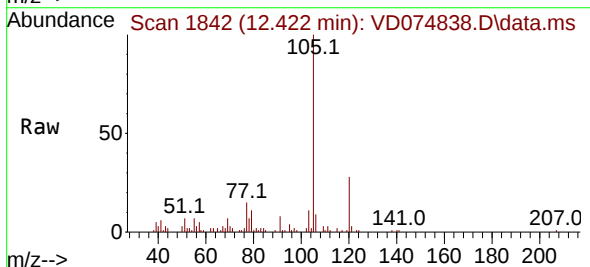
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Ion Ratio Lower Upper
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150 157.6 0.0 348.2

Manual Integrations
APPROVED

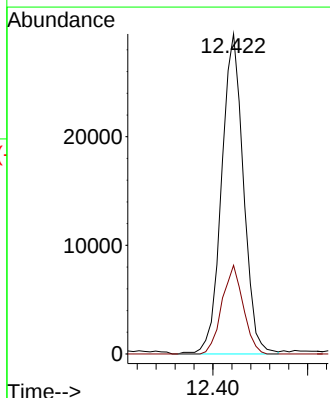
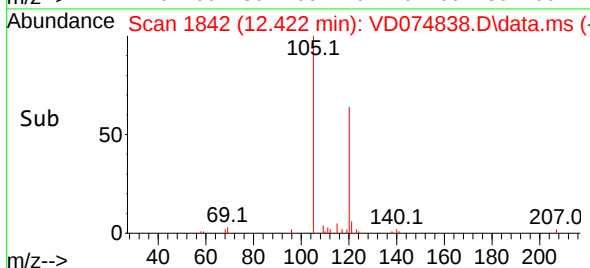
Reviewed By :Krupa Patel 11/10/2022
Supervised By :Mahesh Dadoda 11/10/2022

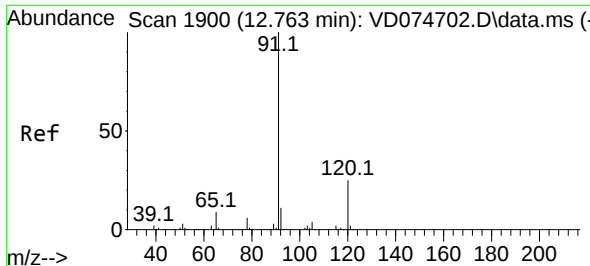


#73
Isopropylbenzene
Concen: 4.751 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD074838.D
Acq: 09 Nov 2022 19:50



Tgt Ion:105 Resp: 47246
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.4





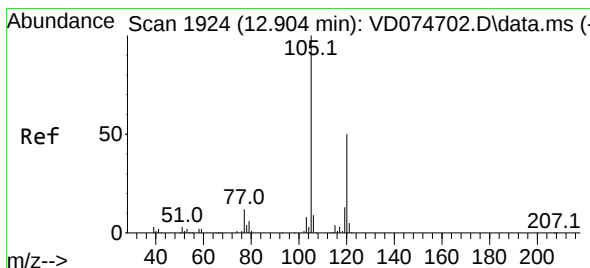
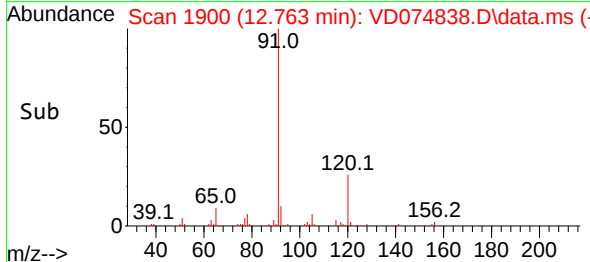
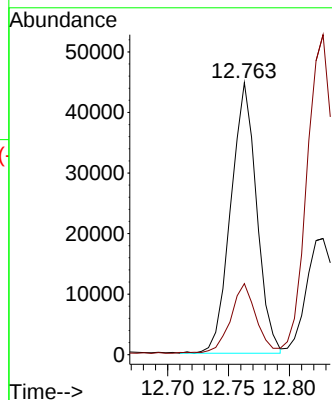
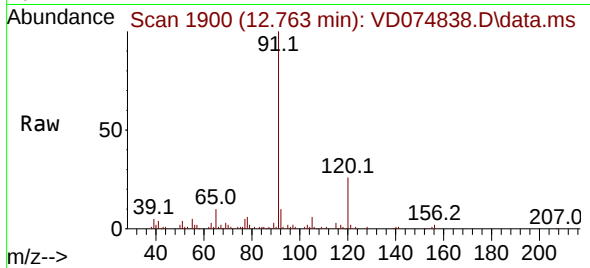
#78
n-propylbenzene
Concen: 5.528 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD074838.D
Acq: 09 Nov 2022 19:50

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion: 91 Resp: 65850
Ion Ratio Lower Upper
91 100
120 25.2 11.9 35.7

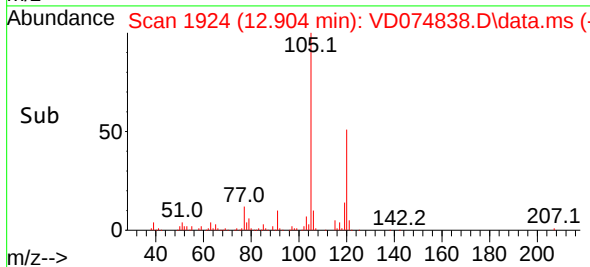
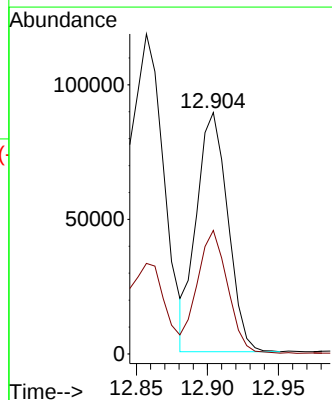
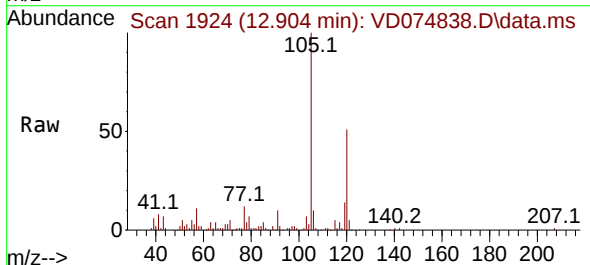
Manual Integrations
APPROVED

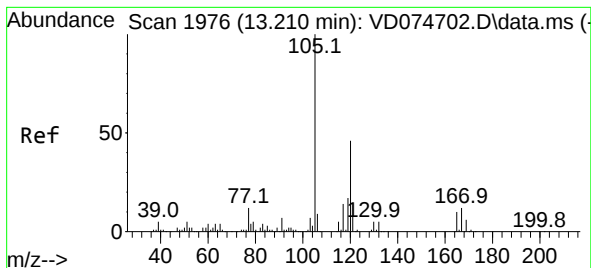
Reviewed By :Krupa Patel 11/10/2022
Supervised By :Mahesh Dadoda 11/10/2022



#80
1,3,5-Trimethylbenzene
Concen: 16.845 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD074838.D
Acq: 09 Nov 2022 19:50

Tgt Ion:105 Resp: 136675
Ion Ratio Lower Upper
105 100
120 49.8 25.7 77.0





#84

1,2,4-Trimethylbenzene

Concen: 52.404 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VD074838.D

Acq: 09 Nov 2022 19:50

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

Tgt Ion:105 Resp: 41953

Ion Ratio Lower Upper

105 100

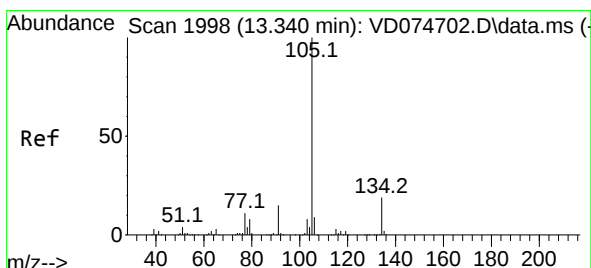
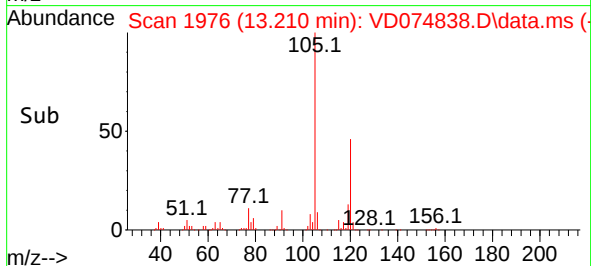
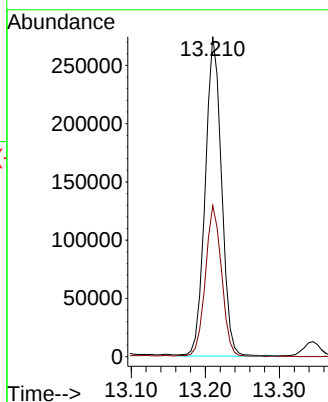
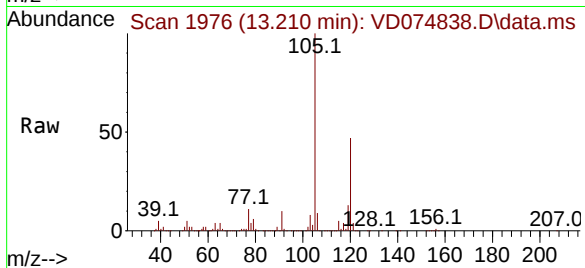
120 46.9 22.9 68.7

Manual Integrations

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Reviewed By :Krupa Patel 11/10/2022

Supervised By :Mahesh Dadoda 11/10/2022



#85

sec-Butylbenzene

Concen: 1.889 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.005 min

Lab File: VD074838.D

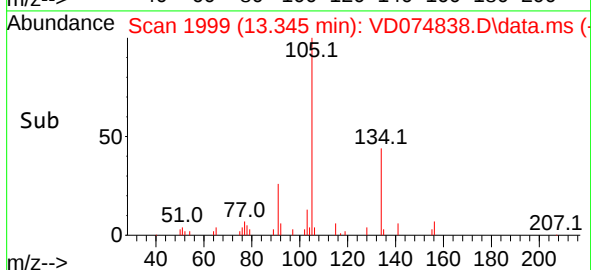
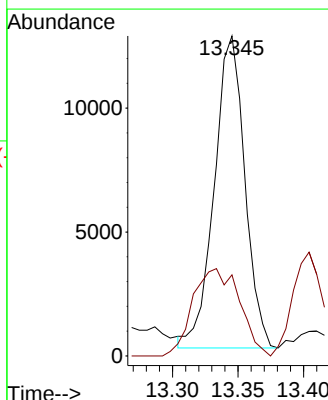
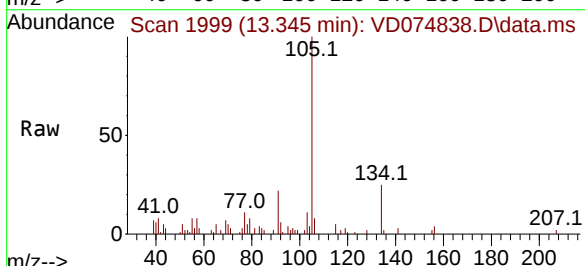
Acq: 09 Nov 2022 19:50

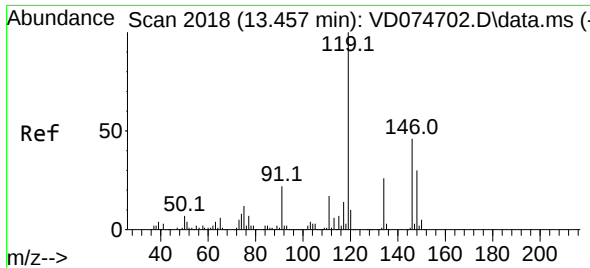
Tgt Ion:105 Resp: 20378

Ion Ratio Lower Upper

105 100

134 42.9 10.0 30.0#





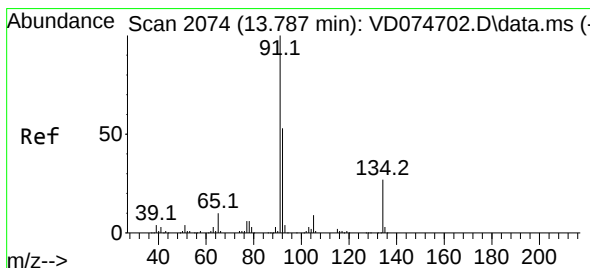
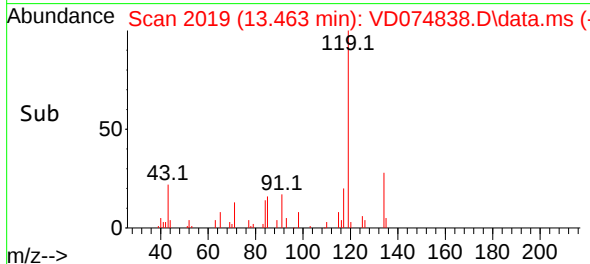
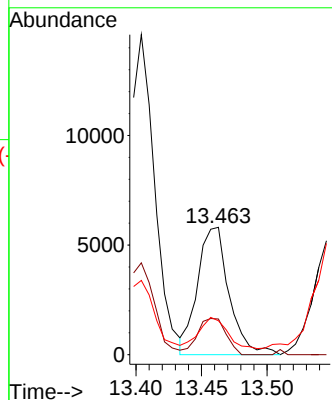
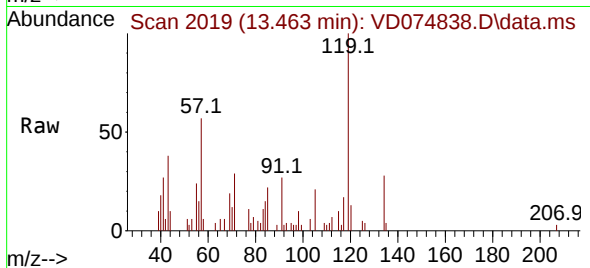
#86
p-Isopropyltoluene
Concen: 1.073 ug/l
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD074838.D
Acq: 09 Nov 2022 19:50

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:119 Resp: 9744
Ion Ratio Lower Upper
119 100
134 25.7 13.5 40.4
91 21.5 10.8 32.4

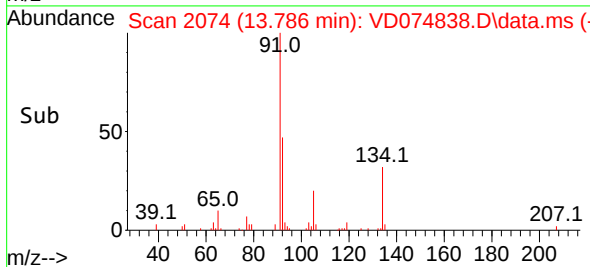
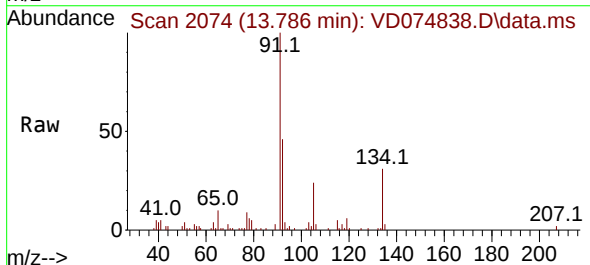
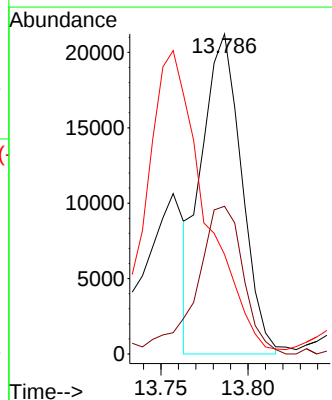
Manual Integrations
APPROVED

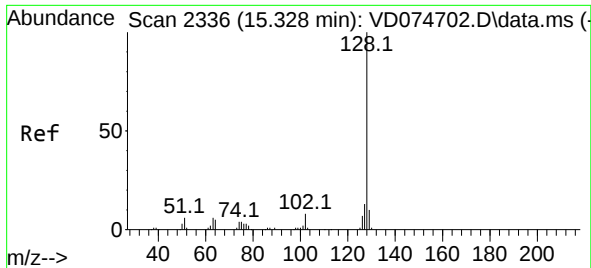
Reviewed By :Krupa Patel 11/10/2022
Supervised By :Mahesh Dadoda 11/10/2022



#89
n-Butylbenzene
Concen: 4.076 ug/l m
RT: 13.786 min Scan# 2074
Delta R.T. -0.001 min
Lab File: VD074838.D
Acq: 09 Nov 2022 19:50

Tgt Ion: 91 Resp: 33870
Ion Ratio Lower Upper
91 100
92 53.8 26.9 80.7
134 0.0 13.4 40.2#





#95

Naphthalene

Concen: 34.956 ug/l

RT: 15.328 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD074838.D

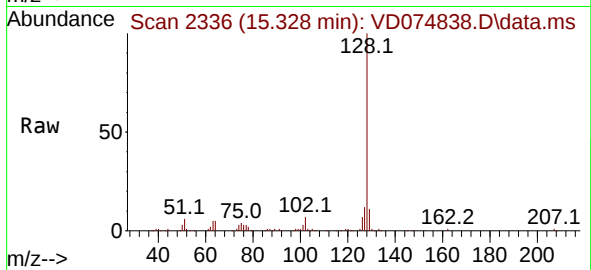
Acq: 09 Nov 2022 19:50

Instrument :

MSVOA_D

ClientSampleId :

VIBLK



Tgt Ion:128 Resp: 16765

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 11.1 8.3 12.5

Manual Integrations

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Reviewed By :Krupa Patel 11/10/2022

Supervised By :Mahesh Dadoda 11/10/2022

