

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110922\
 Data File : VD074837.D
 Acq On : 09 Nov 2022 19:23
 Operator : VA/SY
 Sample : N5511-05
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-05-110722

Quant Time: Nov 10 00:37:40 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	220793	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	393579	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	219012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.527	152	214975	50.000	ug/l	# 0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.233	65	59211	33.860	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	67.720%		
35) Dibromofluoromethane	7.810	113	92222	39.611	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	79.220%		
50) Toluene-d8	10.275	98	514100	60.536	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	121.080%		
62) 4-Bromofluorobenzene	12.569	95	651576	265.726	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	531.460%#		
Target Compounds					Qvalue	
16) Acetone	4.010	43	115947	317.726	ug/l #	54
31) Cyclohexane	7.863	56	2751580	777.170	ug/l #	48
39) Methylcyclohexane	9.281	83	4715760	1096.799	ug/l	96
52) Toluene	10.339	92	113743	17.785	ug/l	98
67) Ethyl Benzene	11.692	91	4003816	520.921	ug/l	98
68) m/p-Xylenes	11.833	106	21191028m	6944.616	ug/l	
69) o-Xylene	12.145	106	16483187	5875.765	ug/l #	1
73) Isopropylbenzene	12.427	105	15892055	1011.843	ug/l	87
78) n-propylbenzene	12.769	91	19255217	1023.379	ug/l	80
80) 1,3,5-Trimethylbenzene	12.822	105	66414570m	5182.938	ug/l	
84) 1,2,4-Trimethylbenzene	13.204	105	33334251m	2636.396	ug/l	
85) sec-Butylbenzene	13.351	105	9883435	580.124	ug/l #	38
86) p-Isopropyltoluene	13.469	119	5705867	397.668	ug/l	97
89) n-Butylbenzene	13.798	91	18600168	1417.416	ug/l #	75

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

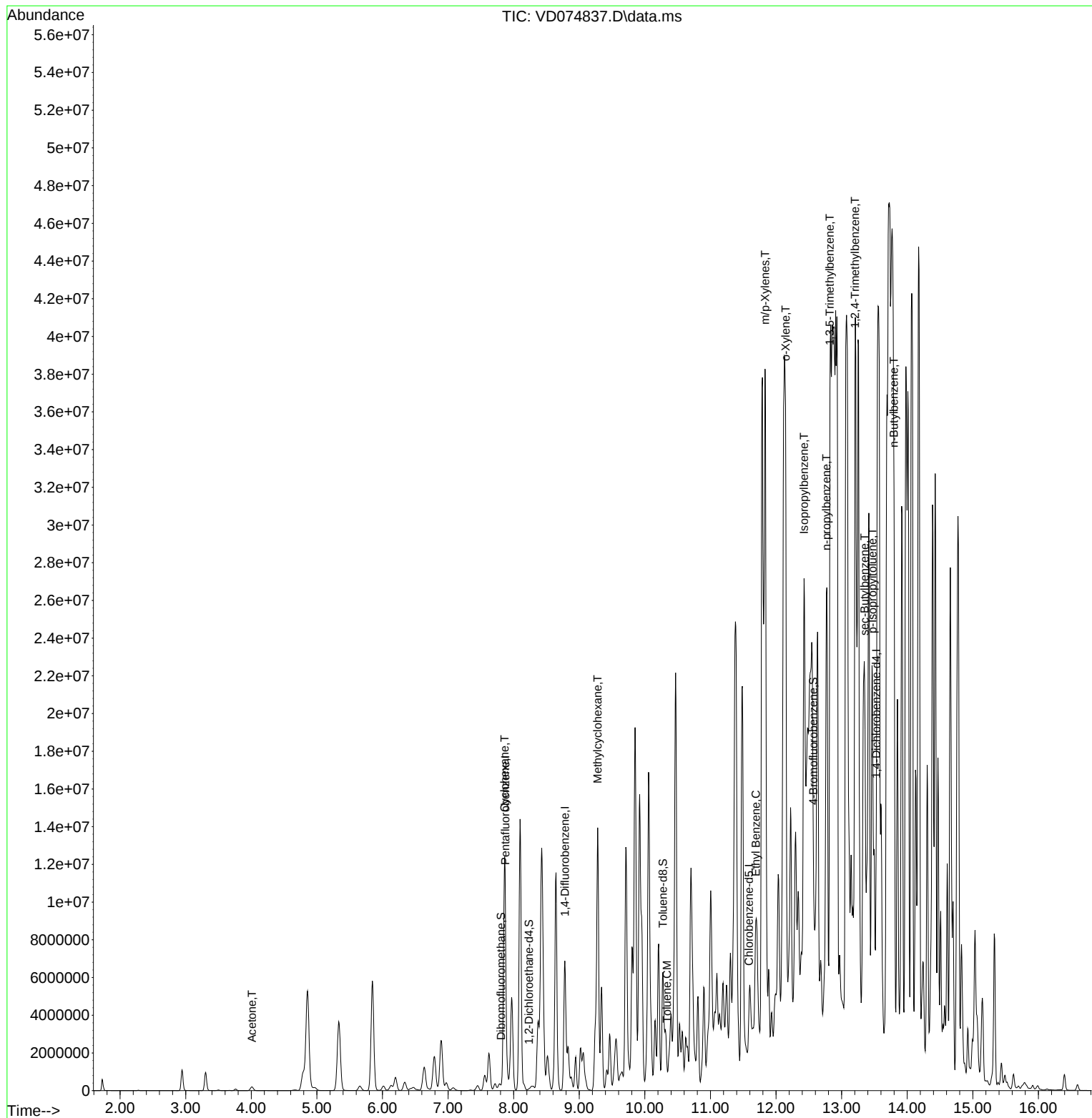
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110922\
Data File : VD074837.D
Acq On : 09 Nov 2022 19:23
Operator : VA/SY
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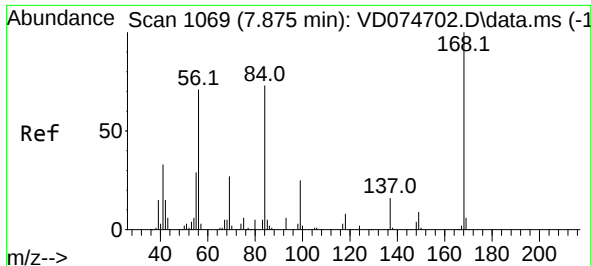
Instrument :
MSVOA_D
ClientSampleId :
PL-05-110722

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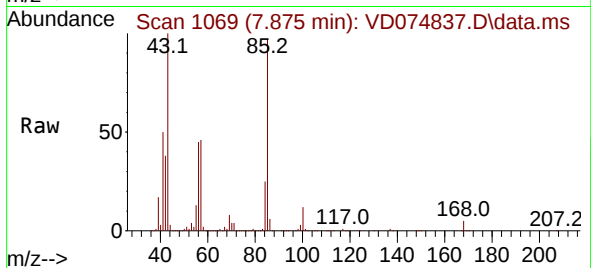
Quant Time: Nov 10 00:37:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 03 02:30:45 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

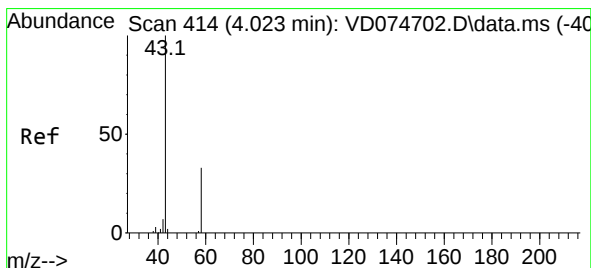
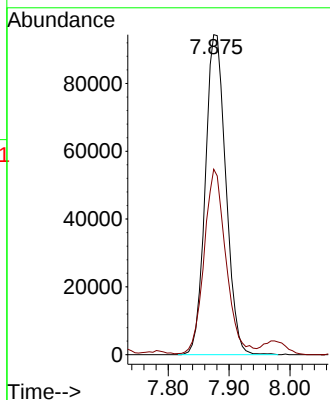
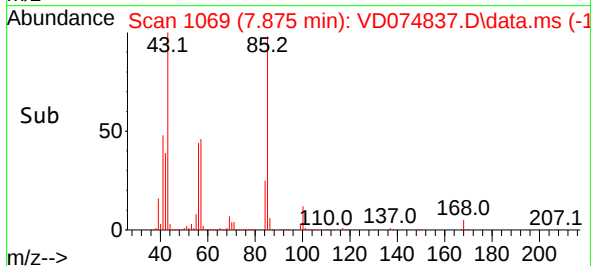
Instrument :
MSVOA_D
ClientSampleId :
PL-05-110722



Tgt Ion:168 Resp: 22079
Ion Ratio Lower Upper
168 100
99 57.6 40.9 61.3

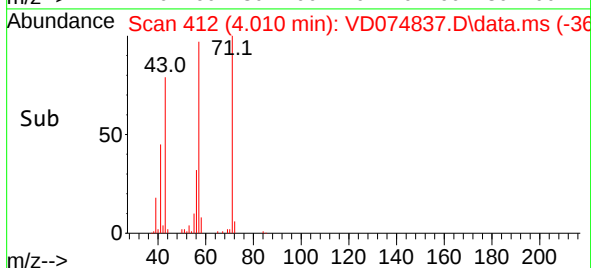
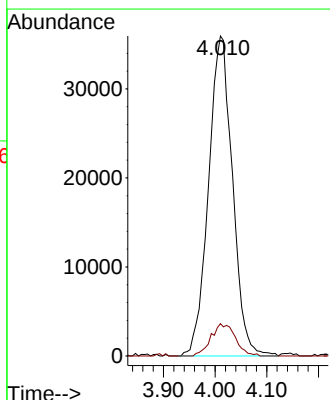
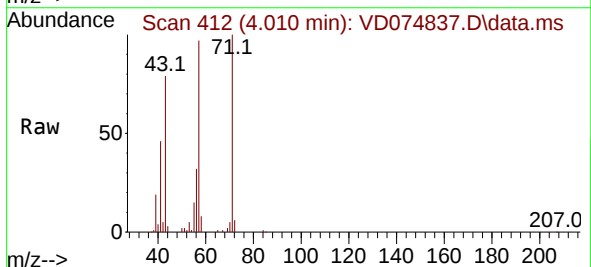
Manual Integrations
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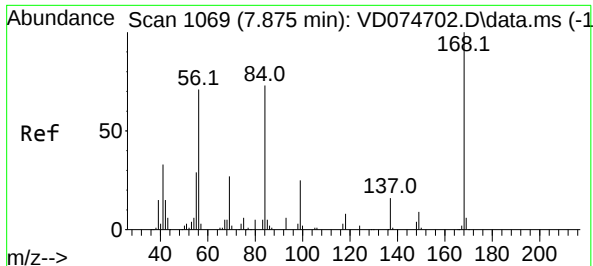
Reviewed By :Krupa Patel 11/10/2022
Supervised By :Mahesh Dadoda 11/10/2022



#16
Acetone
Concen: 317.726 ug/l
RT: 4.010 min Scan# 412
Delta R.T. -0.013 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

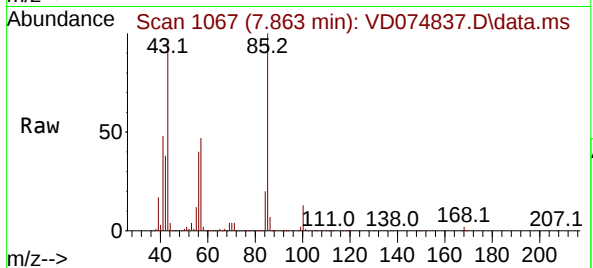
Tgt Ion: 43 Resp: 115947
Ion Ratio Lower Upper
43 100
58 10.1 30.2 45.2#





#31
Cyclohexane
Concen: 777.170 ug/l
RT: 7.863 min Scan# 1067
Delta R.T. -0.012 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

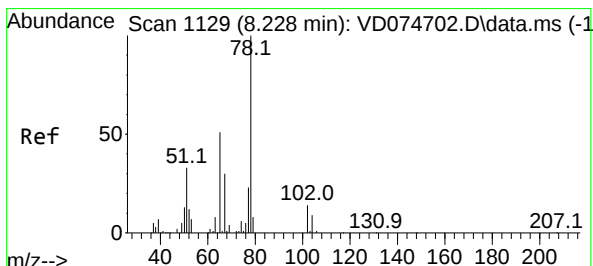
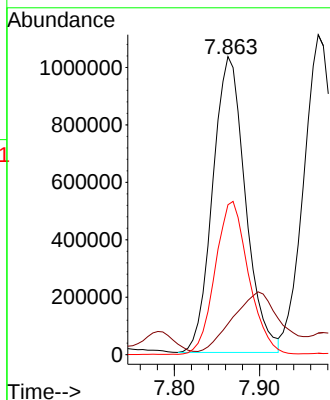
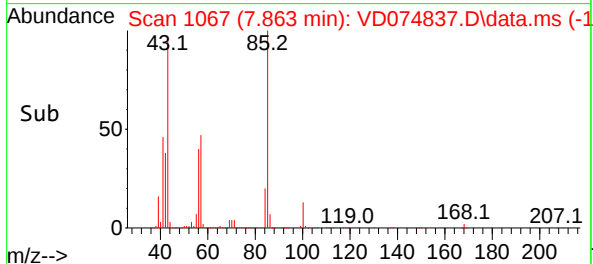
Instrument :
MSVOA_D
ClientSampleId :
PL-05-110722



Tgt Ion: 56 Resp: 2751580
Ion Ratio Lower Upper
56 100
69 6.9 29.2 43.8
84 50.6 83.4 125.2

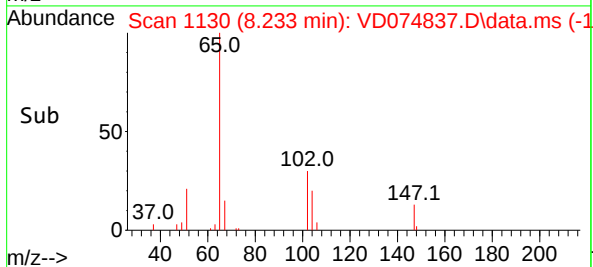
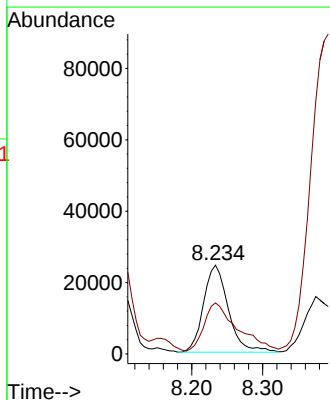
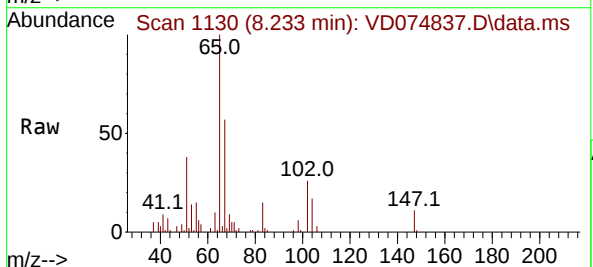
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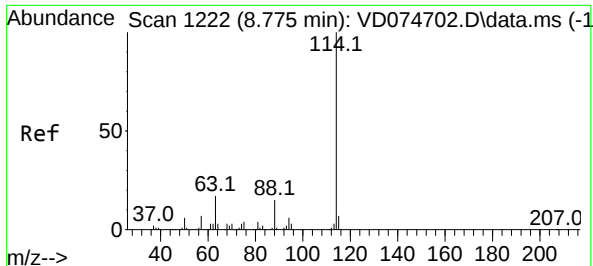
Reviewed By :Krupa Patel 11/10/2022
Supervised By :Mahesh Dadoda 11/10/2022



#33
1,2-Dichloroethane-d4
Concen: 33.860 ug/l
RT: 8.233 min Scan# 1130
Delta R.T. 0.005 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

Tgt Ion: 65 Resp: 59211
Ion Ratio Lower Upper
65 100
67 73.8 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1114

Delta R.T. 0.006 min

Lab File: VD074837.D

Acq: 09 Nov 2022 19:23

Instrument :

MSVOA_D

ClientSampleId :

PL-05-110722

Tgt Ion:114 Resp: 393579

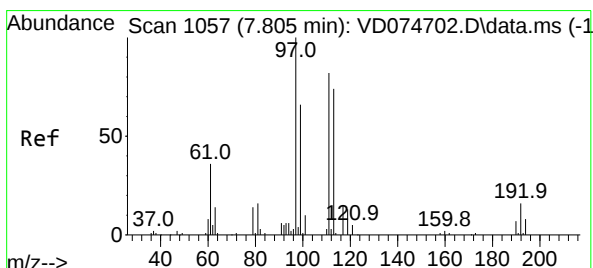
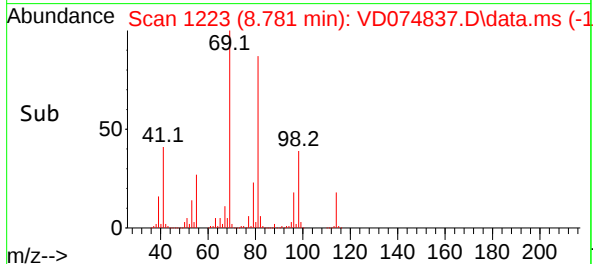
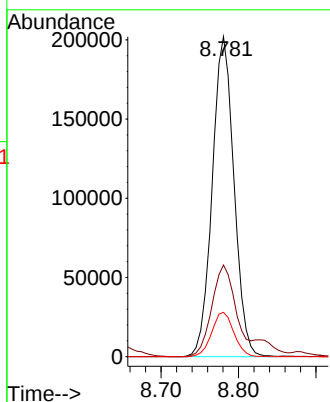
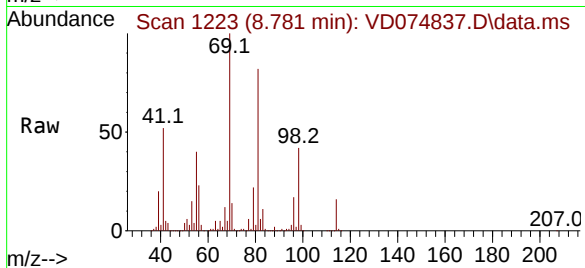
Ion	Ratio	Lower	Upper
114	100		
63	28.6	0.0	33.2
88	13.9	0.0	28.2

Manual Integrations

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Supervised By :Mahesh Dadoda 11/10/2022



#35

Dibromofluoromethane

Concen: 39.611 ug/l

RT: 7.810 min Scan# 1058

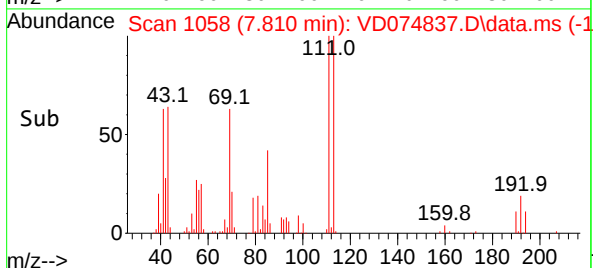
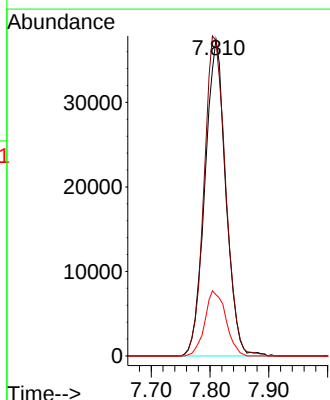
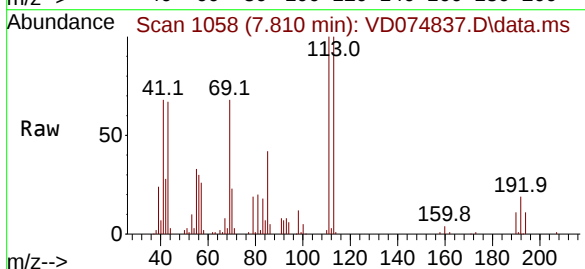
Delta R.T. 0.005 min

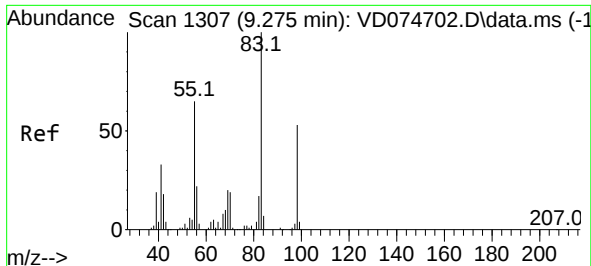
Lab File: VD074837.D

Acq: 09 Nov 2022 19:23

Tgt Ion:113 Resp: 92222

Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.3	123.5
192	20.8	16.4	24.6





#39

Methylcyclohexane

Concen: 1096.799 ug/l

RT: 9.281 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074837.D

Acq: 09 Nov 2022 19:23

Instrument :

MSVOA_D

ClientSampleId :

PL-05-110722

Tgt Ion: 83 Resp: 471576

Ion Ratio Lower Upper

83 100

55 64.2 49.0 73.4

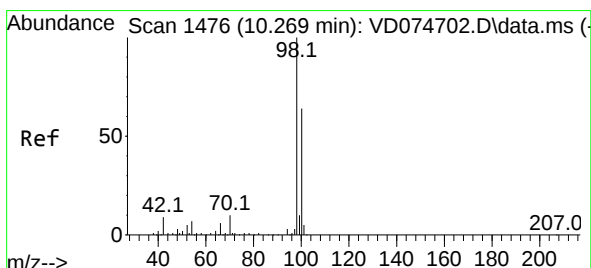
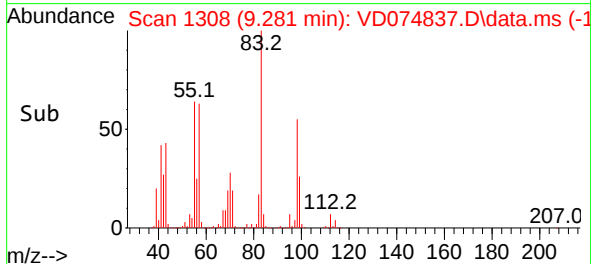
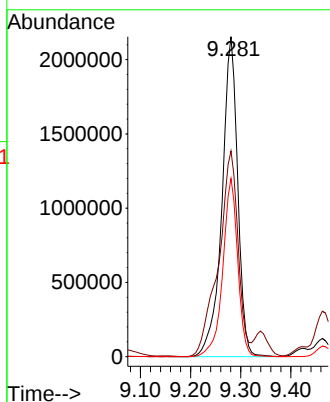
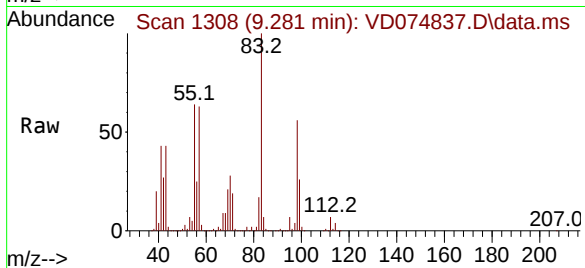
98 55.7 41.7 62.5

Manual Integrations

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Reviewed By :Krupa Patel 11/10/2022

Supervised By :Mahesh Dadoda 11/10/2022



#50

Toluene-d8

Concen: 60.536 ug/l

RT: 10.275 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VD074837.D

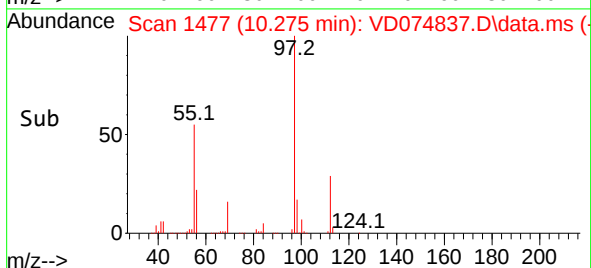
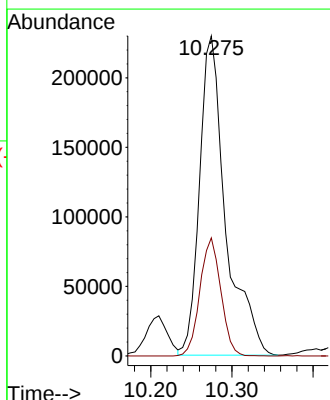
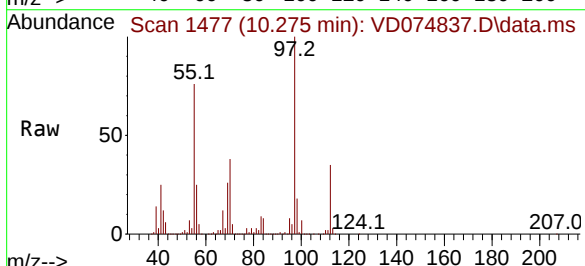
Acq: 09 Nov 2022 19:23

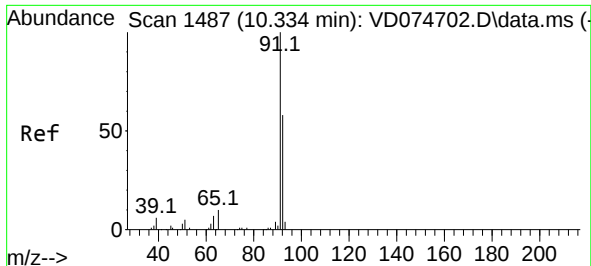
Tgt Ion: 98 Resp: 514100

Ion Ratio Lower Upper

98 100

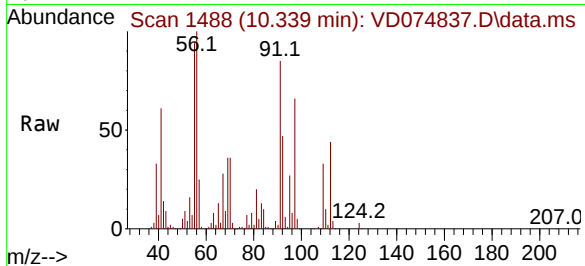
100 29.5 51.4 77.0#





#52
Toluene
Concen: 17.785 ug/l
RT: 10.339 min Scan# 1487
Delta R.T. 0.005 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

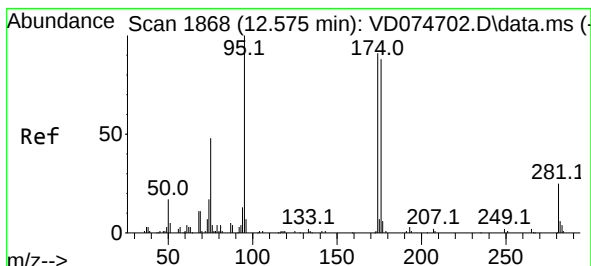
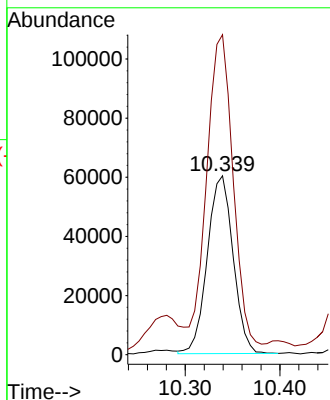
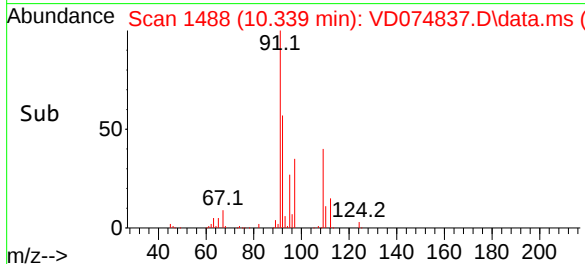
Instrument :
MSVOA_D
ClientSampleId :
PL-05-110722



Tgt Ion: 92 Resp: 11374
Ion Ratio Lower Upper
92 100
91 176.7 139.0 208.4

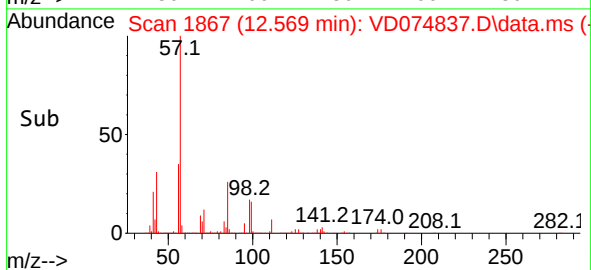
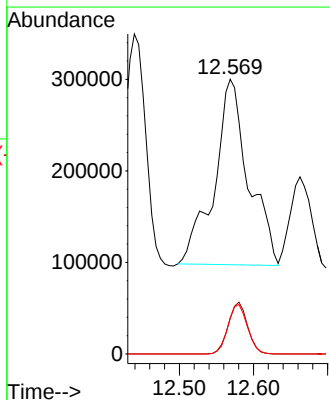
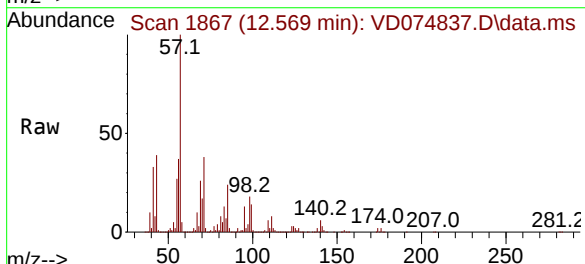
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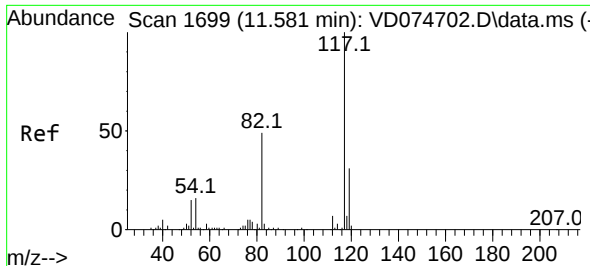
Reviewed By :Krupa Patel 11/10/2022
Supervised By :Mahesh Dadoda 11/10/2022



#62
4-Bromofluorobenzene
Concen: 265.726 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

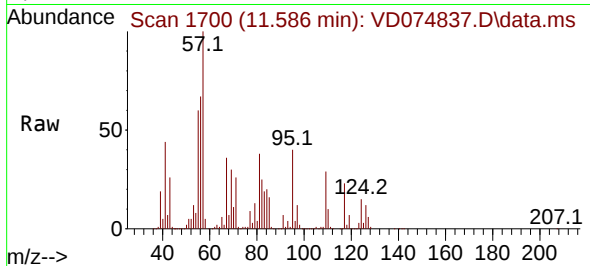
Tgt Ion: 95 Resp: 651576
Ion Ratio Lower Upper
95 100
174 15.6 0.0 197.0
176 15.1 0.0 182.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 1159
Delta R.T. 0.005 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

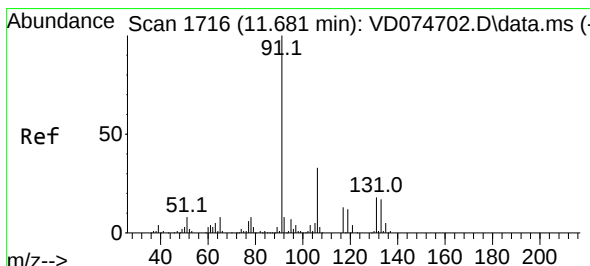
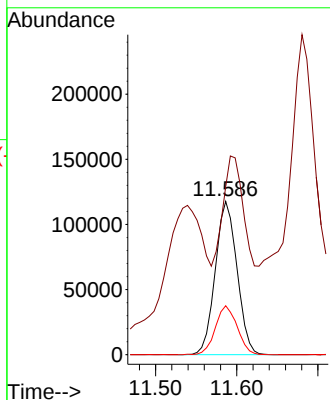
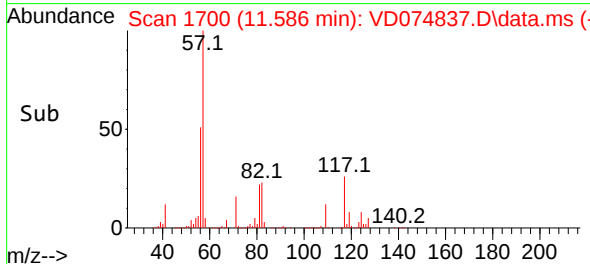
Instrument :
MSVOA_D
ClientSampleId :
PL-05-110722



Tgt Ion:117 Resp: 219012
Ion Ratio Lower Upper
117 100
82 42.3 41.6 62.4
119 32.0 25.2 37.8

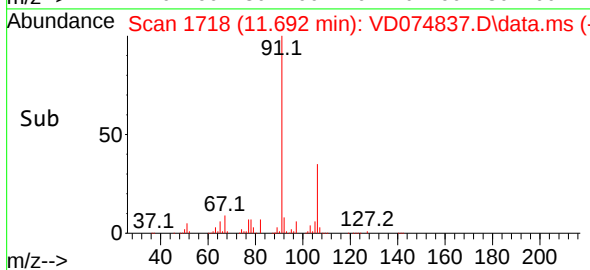
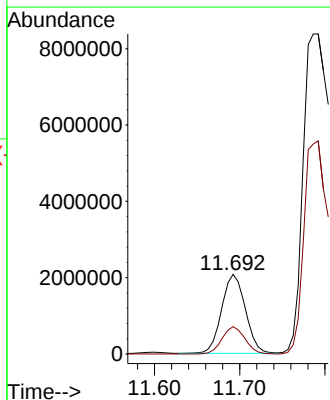
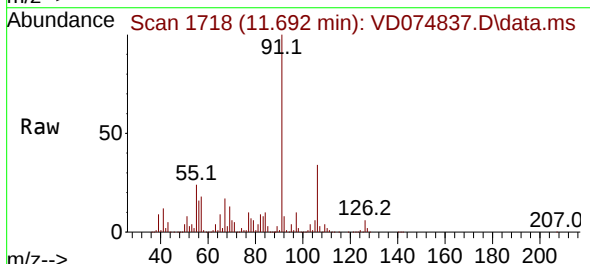
Manual Integrations
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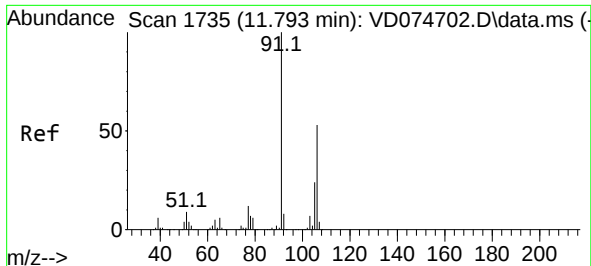
Reviewed By :Krupa Patel 11/10/2022
Supervised By :Mahesh Dadoda 11/10/2022



#67
Ethyl Benzene
Concen: 520.921 ug/l
RT: 11.692 min Scan# 1718
Delta R.T. 0.011 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

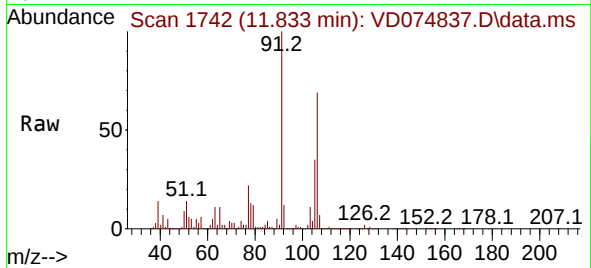
Tgt Ion: 91 Resp: 4003816
Ion Ratio Lower Upper
91 100
106 34.7 26.6 40.0





#68
m/p-Xylenes
Concen: 6944.616 ug/l m
RT: 11.833 min Scan# 1742
Delta R.T. 0.040 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

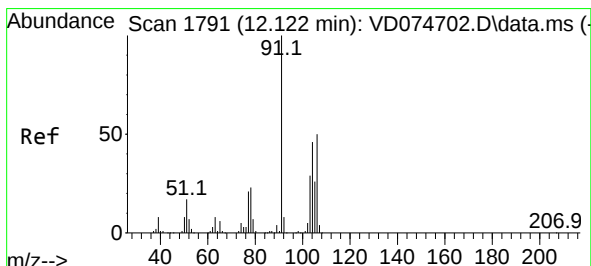
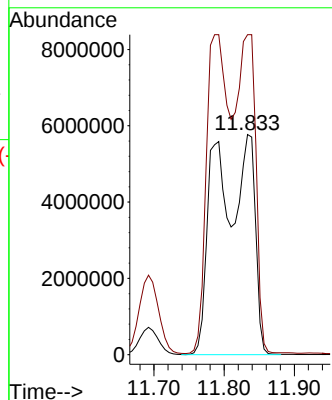
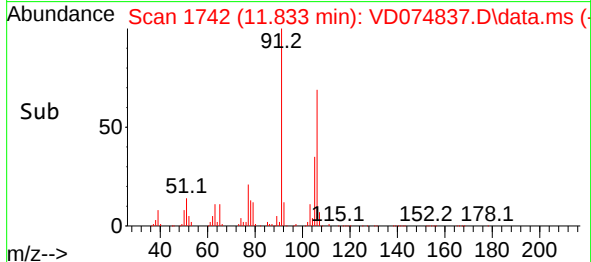
Instrument :
MSVOA_D
ClientSampleId :
PL-05-110722



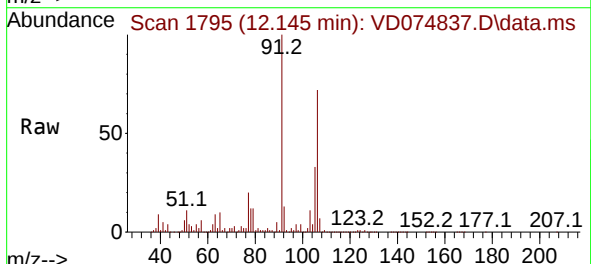
Tgt Ion:106 Resp:21191028
Ion Ratio Lower Upper
106 100
91 87.0 156.2 234.4

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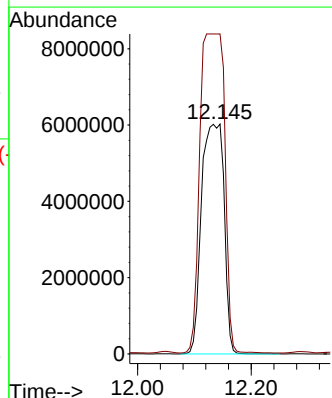
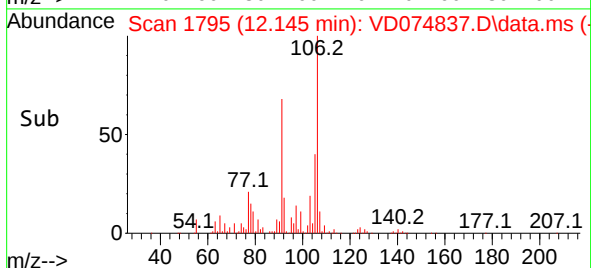
Reviewed By :Krupa Patel 11/10/2022
Supervised By :Mahesh Dadoda 11/10/2022

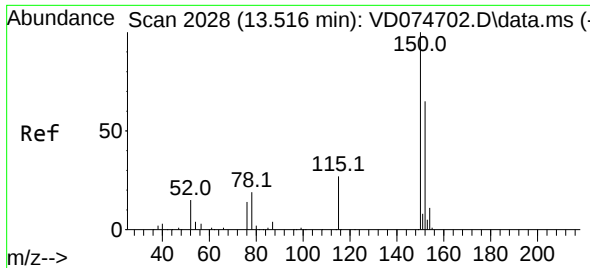


#69
o-Xylene
Concen: 5875.765 ug/l
RT: 12.145 min Scan# 1795
Delta R.T. 0.023 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23



Tgt Ion:106 Resp:16483187
Ion Ratio Lower Upper
106 100
91 0.0 104.5 313.3





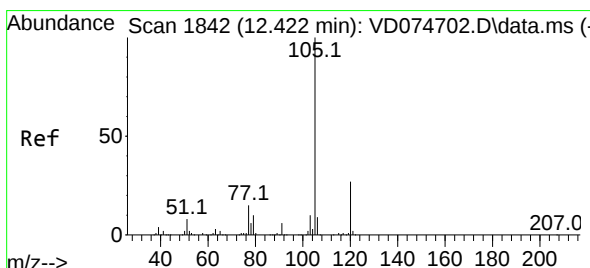
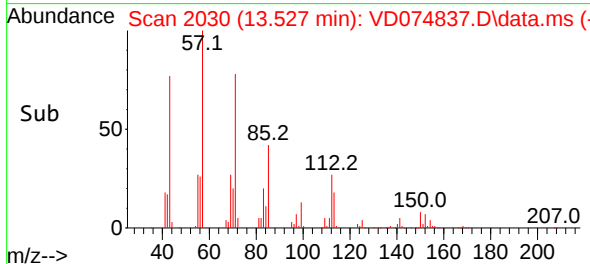
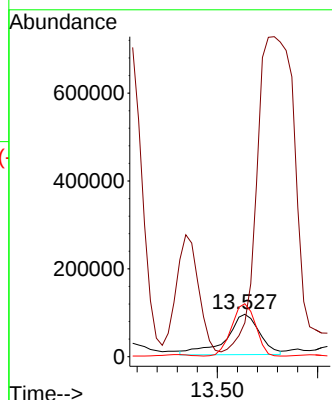
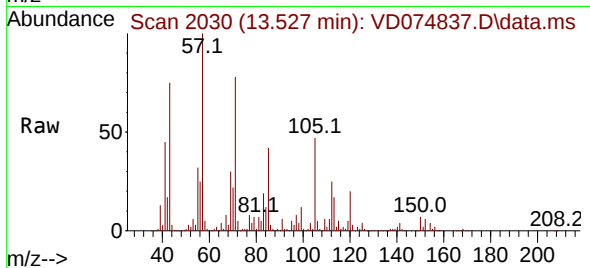
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.527 min Scan# 2028
Delta R.T. 0.011 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

Instrument :
MSVOA_D
ClientSampleId :
PL-05-110722

Tgt Ion:152 Resp: 214975
Ion Ratio Lower Upper
152 100
115 0.0 26.8 80.4
150 92.6 0.0 348.2

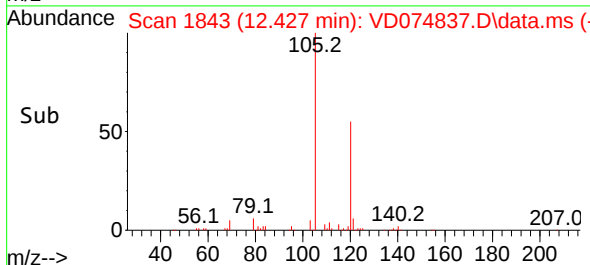
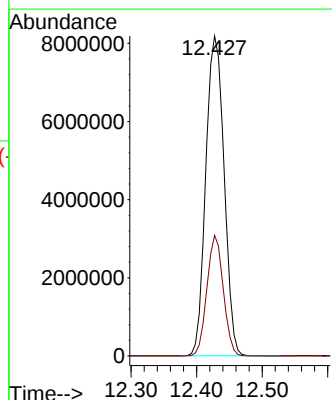
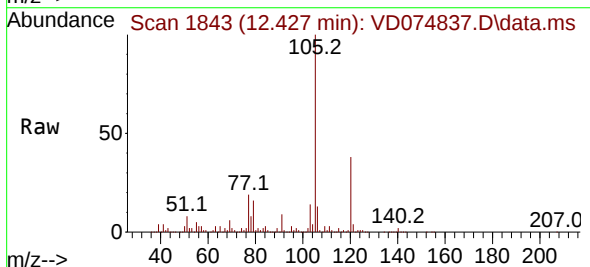
Manual Integrations
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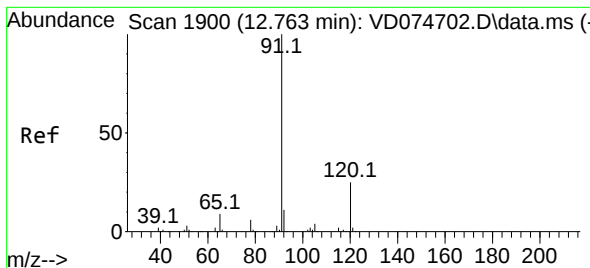
Reviewed By :Krupa Patel 11/10/2022
Supervised By :Mahesh Dadoda 11/10/2022



#73
Isopropylbenzene
Concen: 1011.843 ug/l
RT: 12.427 min Scan# 1843
Delta R.T. 0.005 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

Tgt Ion:105 Resp:15892055
Ion Ratio Lower Upper
105 100
120 33.8 13.5 40.4





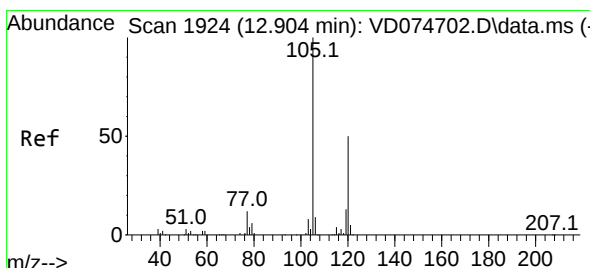
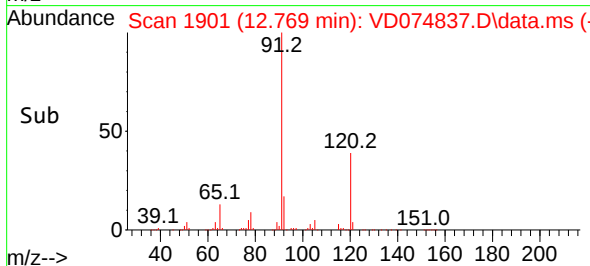
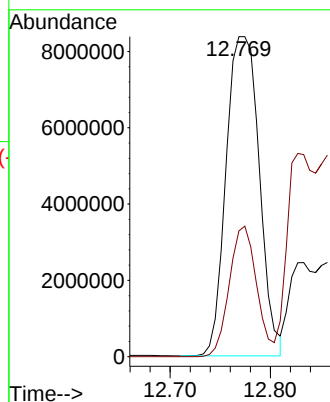
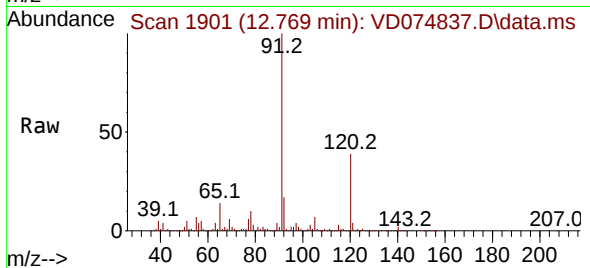
#78
n-propylbenzene
Concen: 1023.379 ug/l
RT: 12.769 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

Instrument :
MSVOA_D
ClientSampleId :
PL-05-110722

Tgt Ion: 91 Resp:1925521
Ion Ratio Lower Upper
91 100
120 33.8 11.9 35.7

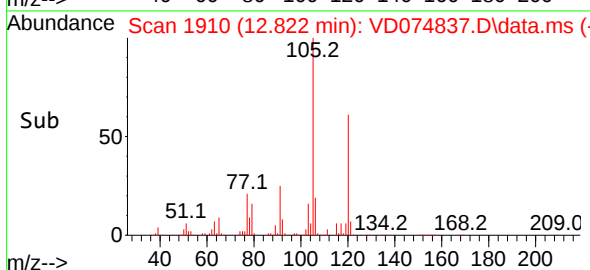
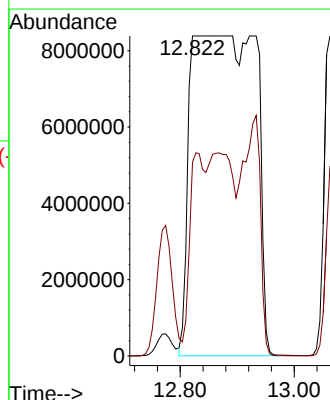
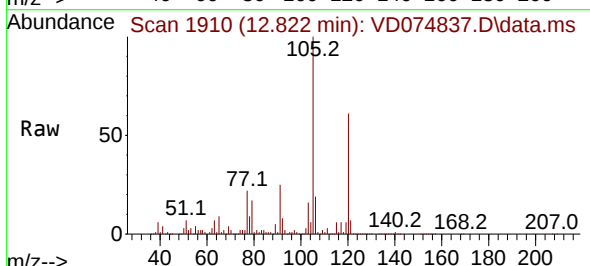
Manual Integrations
APPROVED

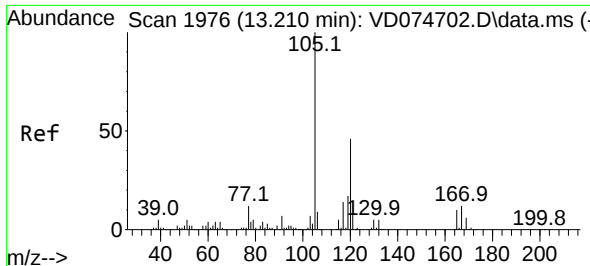
Reviewed By :Krupa Patel 11/10/2022
Supervised By :Mahesh Dadoda 11/10/2022



#80
1,3,5-Trimethylbenzene
Concen: 5182.938 ug/l m
RT: 12.822 min Scan# 1910
Delta R.T. -0.082 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

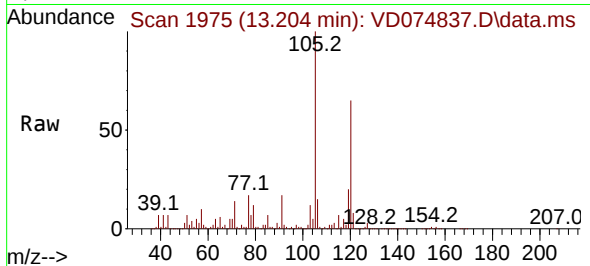
Tgt Ion:105 Resp:66414570
Ion Ratio Lower Upper
105 100
120 14.1 25.7 77.0#





#84
1,2,4-Trimethylbenzene
Concen: 2636.396 ug/l m
RT: 13.204 min Scan# 1975
Delta R.T. -0.006 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

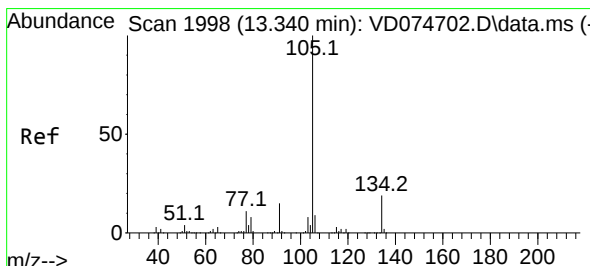
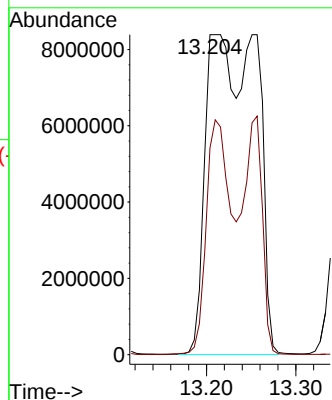
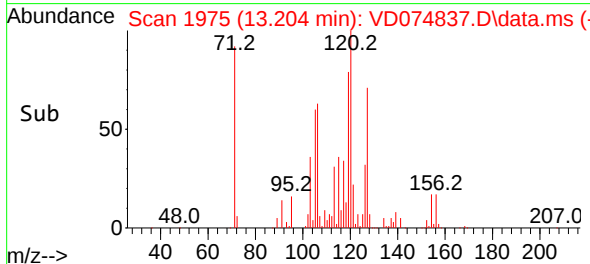
Instrument :
MSVOA_D
ClientSampleId :
PL-05-110722



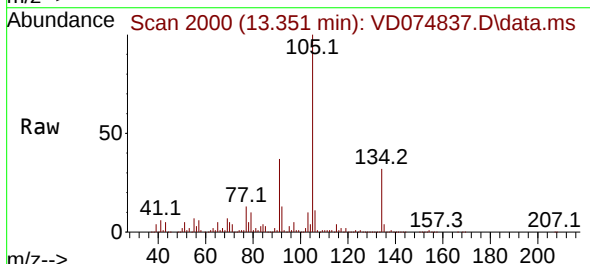
Tgt Ion:105 Resp:3333425
Ion Ratio Lower Upper
105 100
120 35.1 22.9 68.7

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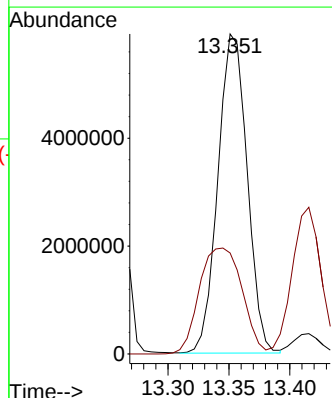
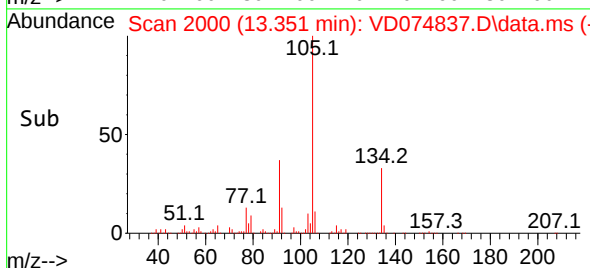
Reviewed By :Krupa Patel 11/10/2022
Supervised By :Mahesh Dadoda 11/10/2022

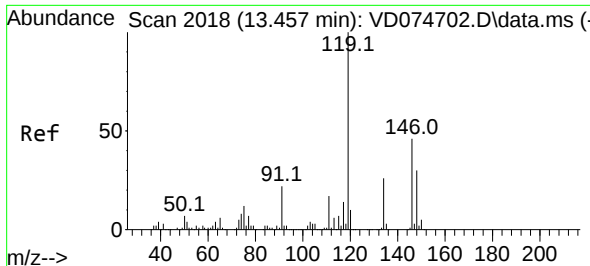


#85
sec-Butylbenzene
Concen: 580.124 ug/l
RT: 13.351 min Scan# 2000
Delta R.T. 0.011 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23



Tgt Ion:105 Resp: 9883435
Ion Ratio Lower Upper
105 100
134 48.4 10.0 30.0#





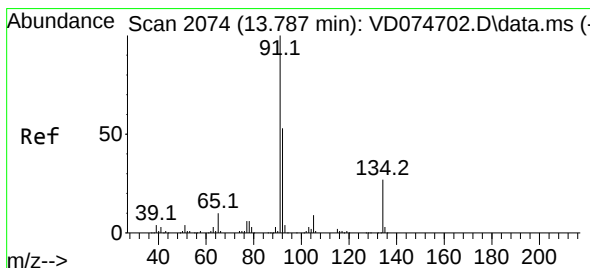
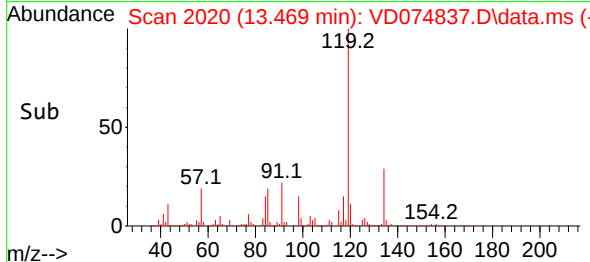
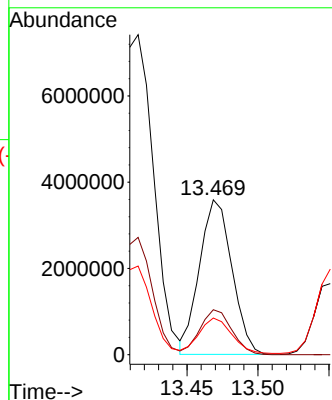
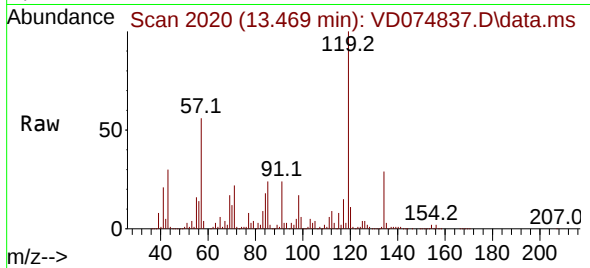
#86
p-Isopropyltoluene
Concen: 397.668 ug/l
RT: 13.469 min Scan# 2018
Delta R.T. 0.012 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

Instrument :
MSVOA_D
ClientSampleId :
PL-05-110722

Tgt Ion:119 Resp: 570586
Ion Ratio Lower Upper
119 100
134 28.6 13.5 40.4
91 22.7 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: 1417.416 ug/l
RT: 13.798 min Scan# 2076
Delta R.T. 0.011 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

Tgt Ion: 91 Resp:18600168
Ion Ratio Lower Upper
91 100
92 45.5 26.9 80.7
134 0.0 13.4 40.2#

