

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111221\
 Data File : VW020876.D
 Acq On : 13 Nov 2021 00:25
 Operator : SY/VA
 Sample : M4654-03
 Misc : 6.55g/5mL/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PARKINGLOT-BOTTOM-U-SP-1-2

Quant Time: Nov 15 00:14:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 13 07:30:48 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	76097	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	118593	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	102804	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	54118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	36603	58.166	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.340%			
35) Dibromofluoromethane	7.884	113	34989	52.774	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.540%			
50) Toluene-d8	10.323	98	124280	47.911	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.820%			
62) 4-Bromofluorobenzene	12.615	95	49407	52.793	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.580%			
Target Compounds						Qvalue
16) Acetone	4.123	43	2070	16.901	ug/l	97
39) Methylcyclohexane	9.335	83	16354	12.719	ug/l	96
67) Ethyl Benzene	11.725	91	14351	4.343	ug/l	97
68) m/p-Xylenes	11.841	106	8141	6.230	ug/l	96
69) o-Xylene	12.164	106	11591	9.558	ug/l	99
73) Isopropylbenzene	12.463	105	17396	5.153	ug/l	100
78) n-propylbenzene	12.804	91	64702	15.776	ug/l	99
80) 1,3,5-Trimethylbenzene	12.938	105	88451	31.448	ug/l	96
84) 1,2,4-Trimethylbenzene	13.249	105	57107	20.659	ug/l	99
85) sec-Butylbenzene	13.383	105	54689	14.488	ug/l	82
86) p-Isopropyltoluene	13.493	119	34126	10.549	ug/l	97
89) n-Butylbenzene	13.822	91	74220m	24.644	ug/l	

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

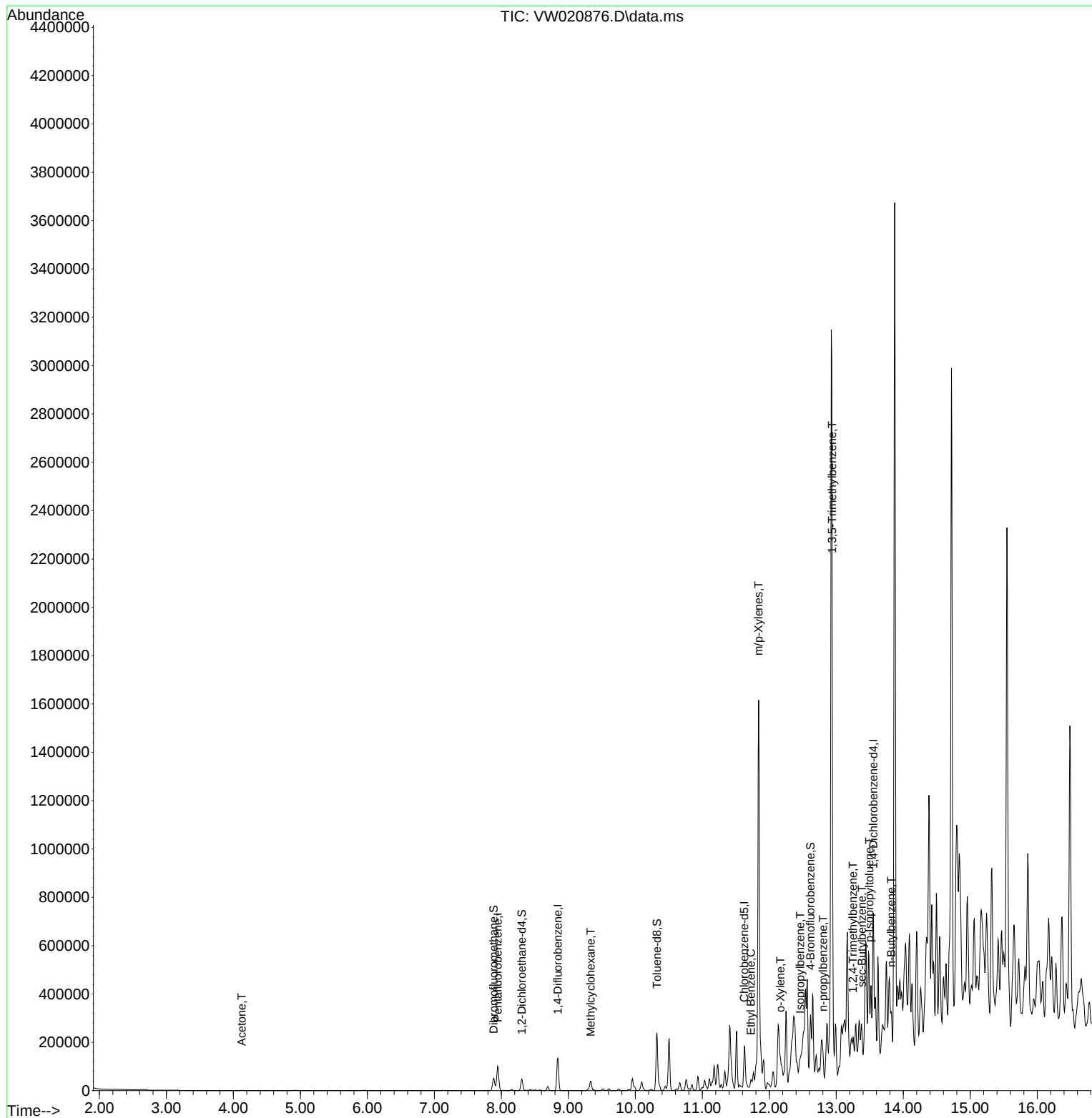
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Data File : VW020876.D
Acq On : 13 Nov 2021 00:25
Operator : SY/VA
Sample : M4654-03
Misc : 6.55g/5mL/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

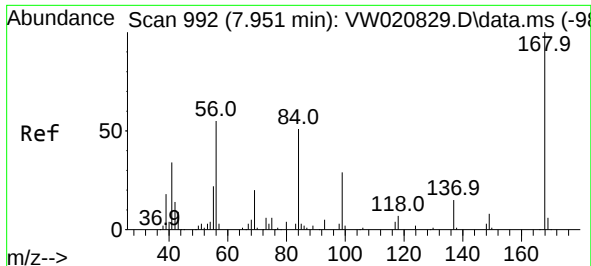
Instrument :
MSVOA_W
ClientSampleId :
PARKINGLOT-BOTTOM-U-SP-1-2

Quant Time: Nov 15 00:14:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 13 07:30:48 2021
Response via : Initial Calibration

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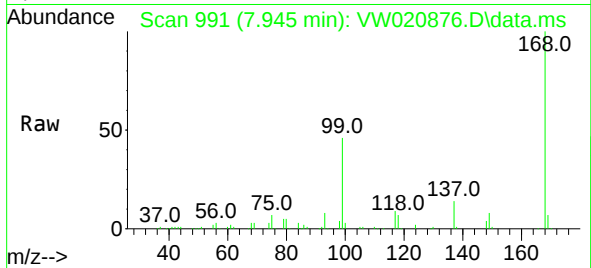
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW020876.D
Acq: 13 Nov 2021 00:25

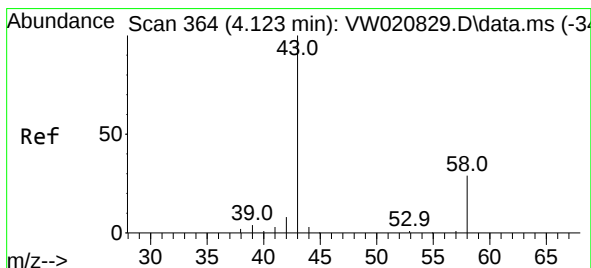
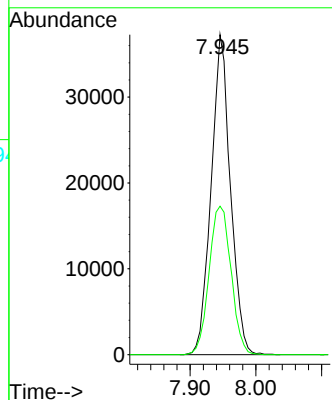
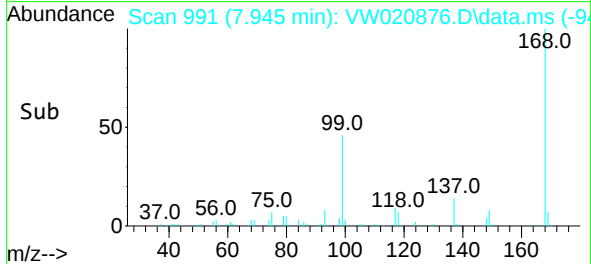
Instrument :
MSVOA_W
ClientSampleId :
PARKINGLOT-BOTTOM-U-SP-1-2



Tgt Ion:168 Resp: 7609
Ion Ratio Lower Upper
168 100
99 46.4 45.4 68.0

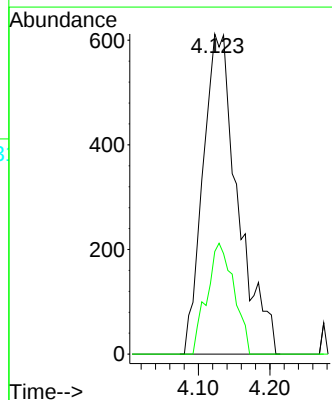
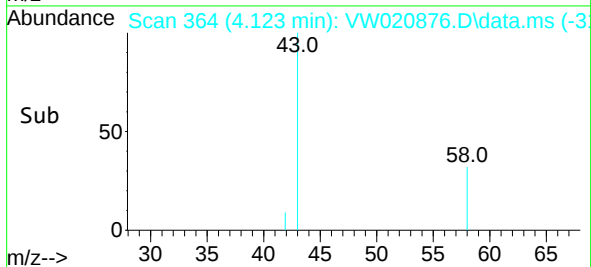
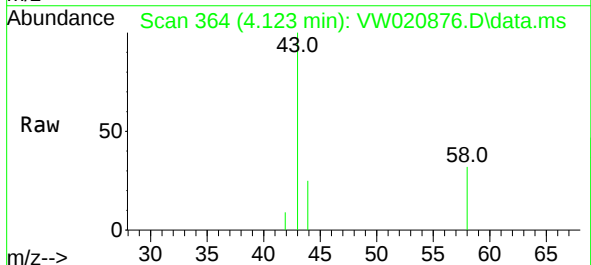
Manual Integrations
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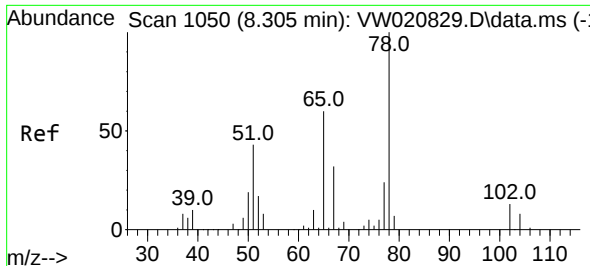
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#16
Acetone
Concen: 16.901 ug/l
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW020876.D
Acq: 13 Nov 2021 00:25

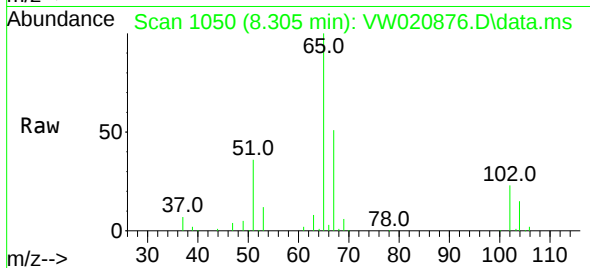
Tgt Ion: 43 Resp: 2070
Ion Ratio Lower Upper
43 100
58 32.0 24.2 36.2





#33
1,2-Dichloroethane-d4
Concen: 58.166 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW020876.D
Acq: 13 Nov 2021 00:25

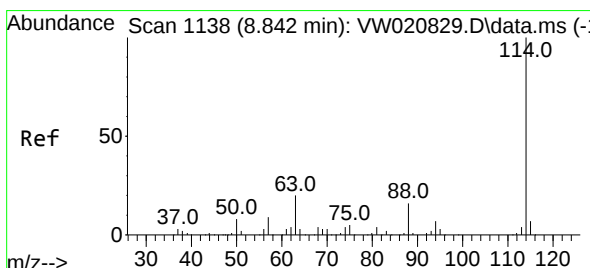
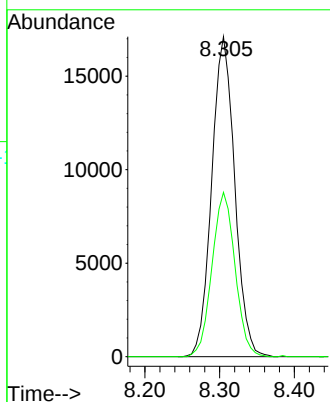
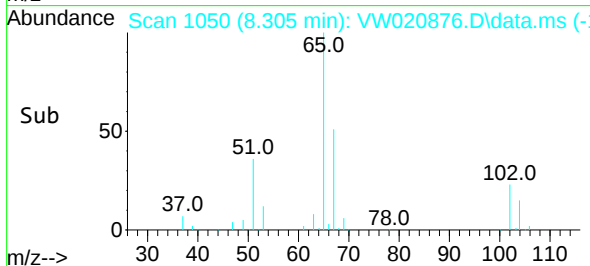
Instrument :
MSVOA_W
ClientSampleId :
PARKINGLOT-BOTTOM-U-SP-1-2



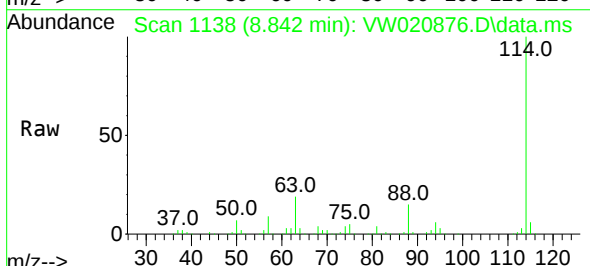
Tgt Ion: 65 Resp: 3660
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.2

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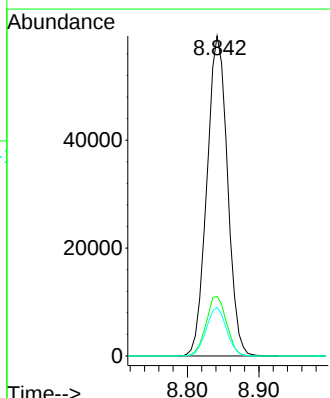
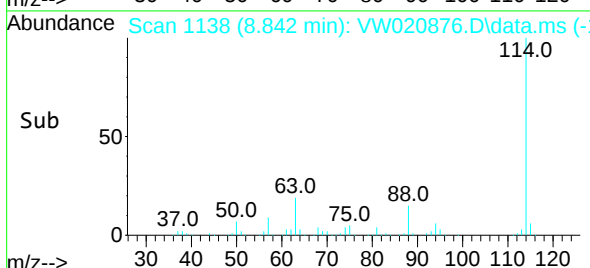
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

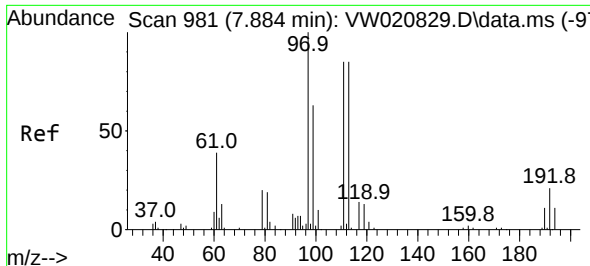


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. 0.000 min
Lab File: VW020876.D
Acq: 13 Nov 2021 00:25



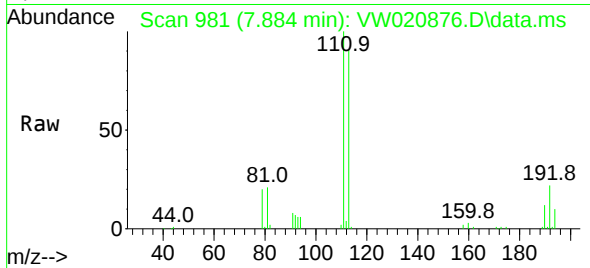
Tgt Ion:114 Resp: 118593
Ion Ratio Lower Upper
114 100
63 18.6 0.0 42.8
88 15.2 0.0 33.0





#35
Dibromofluoromethane
Concen: 52.774 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW020876.D
Acq: 13 Nov 2021 00:25

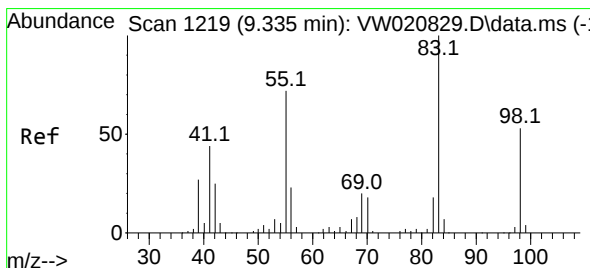
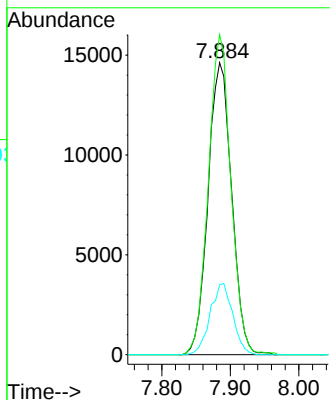
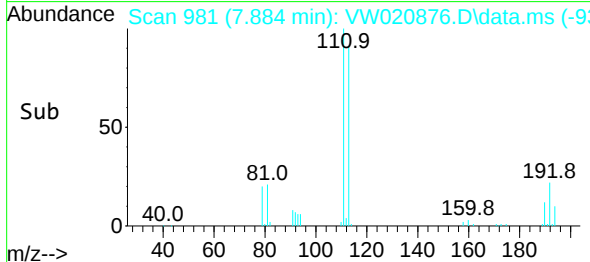
Instrument :
MSVOA_W
ClientSampleId :
PARKINGLOT-BOTTOM-U-SP-1-2



Tgt Ion: 113 Resp: 34989
Ion Ratio Lower Upper
113 100
111 104.8 82.1 123.1
192 23.4 17.8 26.8

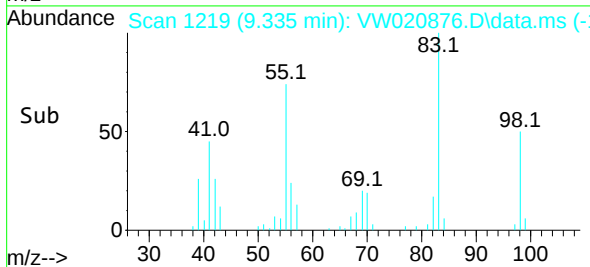
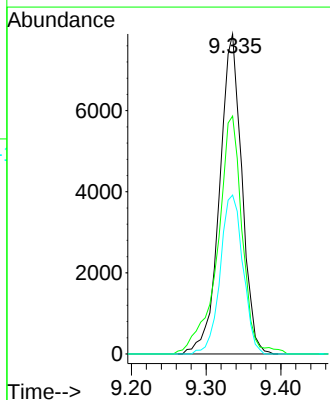
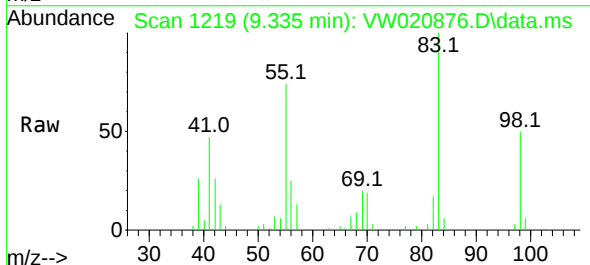
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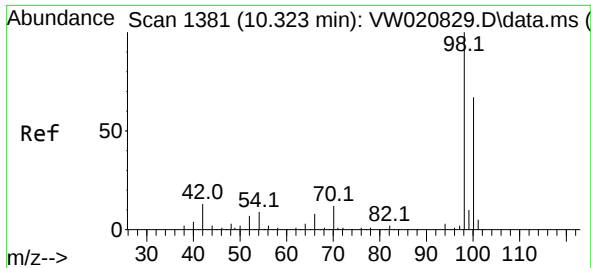
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#39
Methylcyclohexane
Concen: 12.719 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW020876.D
Acq: 13 Nov 2021 00:25

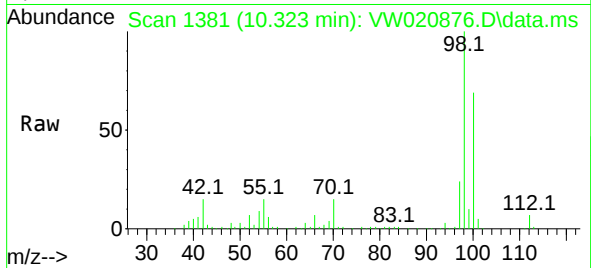
Tgt Ion: 83 Resp: 16354
Ion Ratio Lower Upper
83 100
55 73.5 62.6 94.0
98 49.6 38.8 58.2





#50
Toluene-d8
Concen: 47.911 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW020876.D
Acq: 13 Nov 2021 00:25

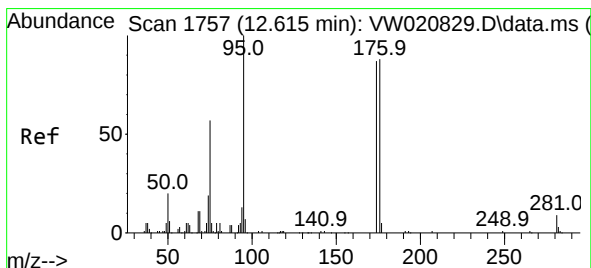
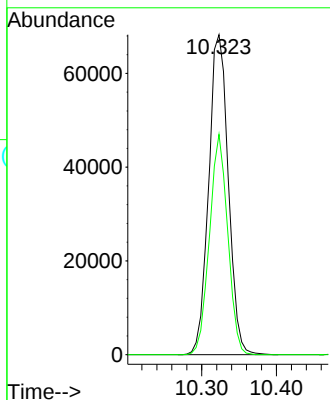
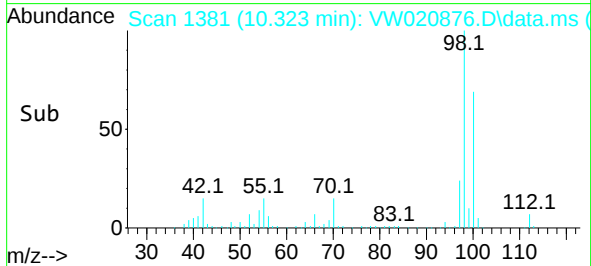
Instrument : MSVOA_W
ClientSampleId : PARKINGLOT-BOTTOM-U-SP-1-2



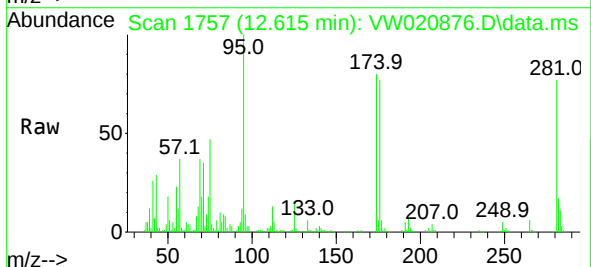
Tgt Ion: 98 Resp: 124280
Ion Ratio Lower Upper
98 100
100 64.0 53.2 79.8

Manual Integrations
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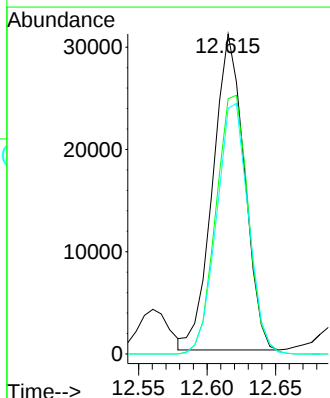
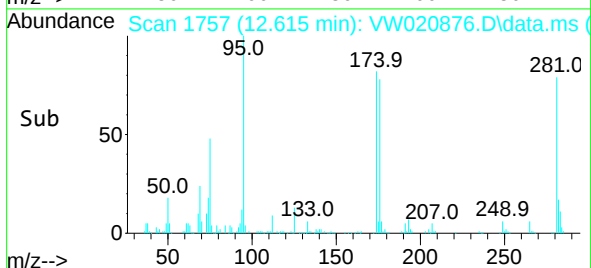
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

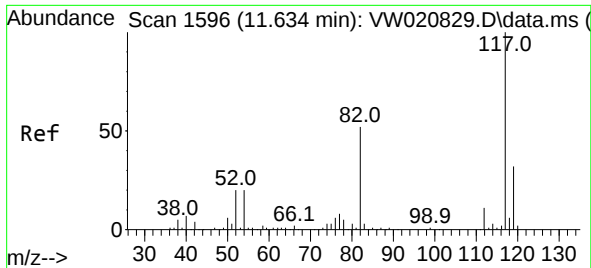


#62
4-Bromofluorobenzene
Concen: 52.793 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW020876.D
Acq: 13 Nov 2021 00:25



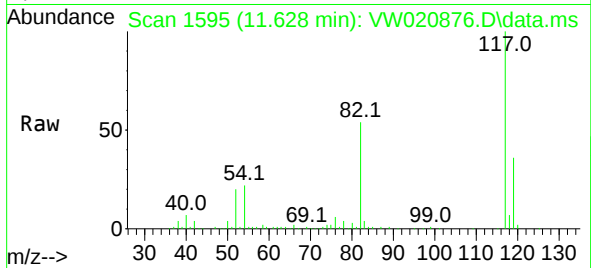
Tgt Ion: 95 Resp: 49407
Ion Ratio Lower Upper
95 100
174 84.0 0.0 166.4
176 80.2 0.0 159.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.628 min Scan# 11595
Delta R.T. -0.006 min
Lab File: VW020876.D
Acq: 13 Nov 2021 00:25

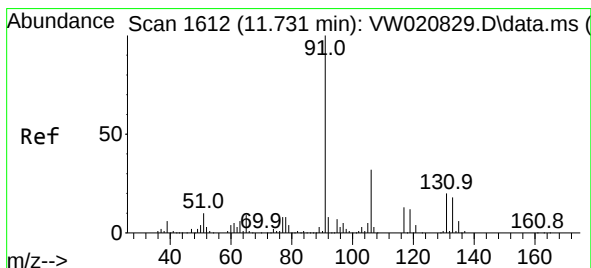
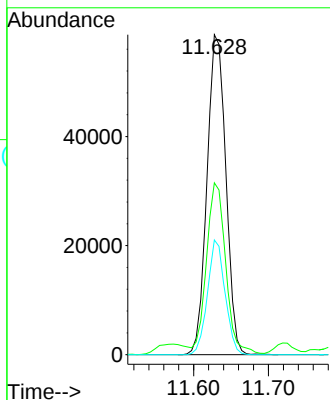
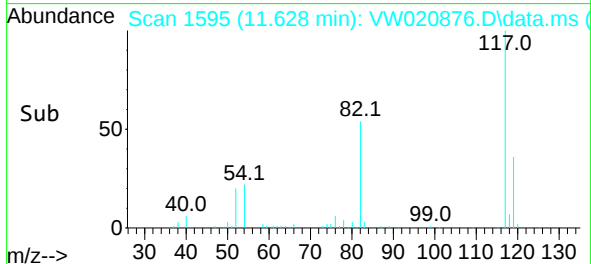
Instrument : MSVOA_W
ClientSampleId : PARKINGLOT-BOTTOM-U-SP-1-2



Tgt Ion: 117 Resp: 102804
Ion Ratio Lower Upper
117 100
82 50.6 45.6 68.4
119 35.9 25.0 37.4

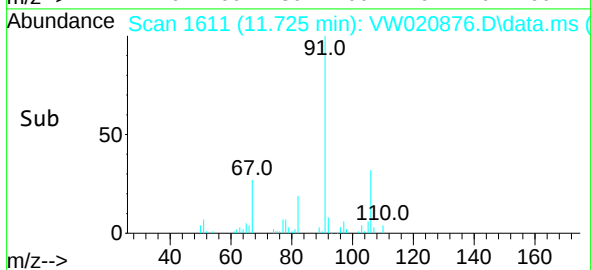
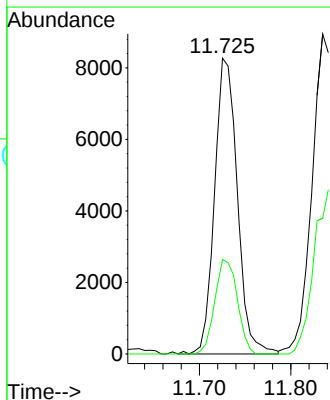
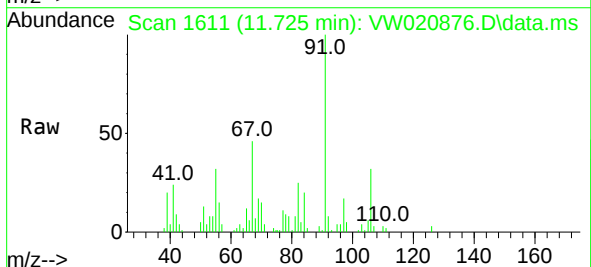
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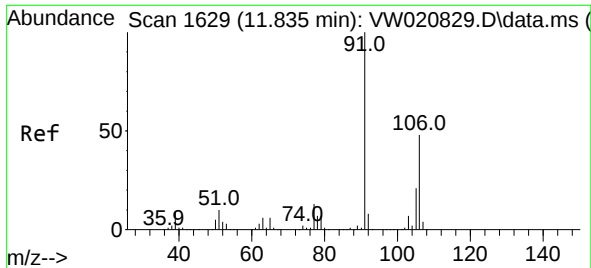
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#67
Ethyl Benzene
Concen: 4.343 ug/l
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW020876.D
Acq: 13 Nov 2021 00:25

Tgt Ion: 91 Resp: 14351
Ion Ratio Lower Upper
91 100
106 31.9 24.4 36.6





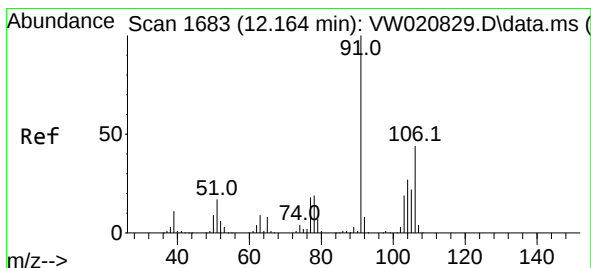
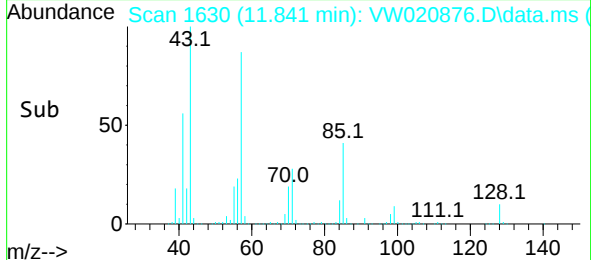
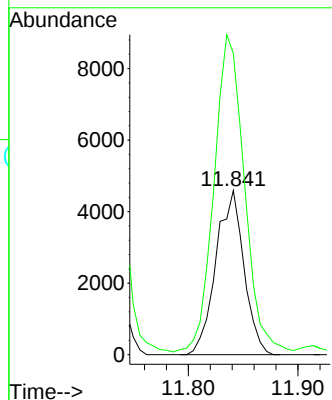
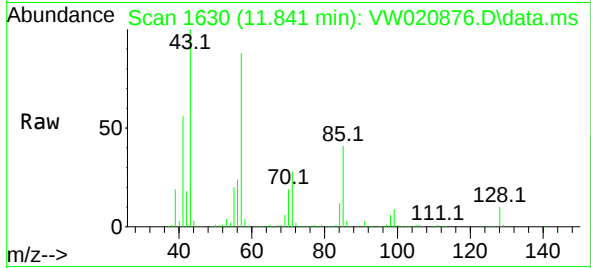
#68
m/p-Xylenes
Concen: 6.230 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW020876.D
Acq: 13 Nov 2021 00:25

Instrument :
MSVOA_W
ClientSampleId :
PARKINGLOT-BOTTOM-U-SP-1-2

Tgt Ion:106 Resp: 814
Ion Ratio Lower Upper
106 100
91 214.6 166.4 249.6

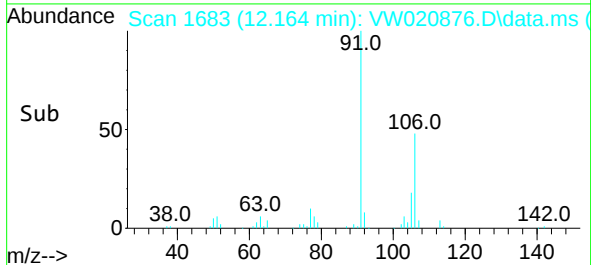
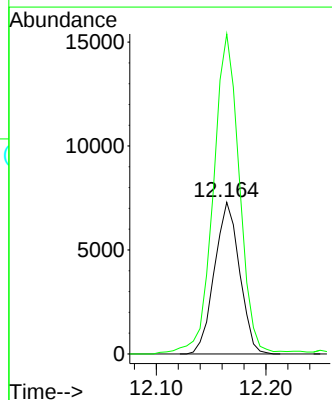
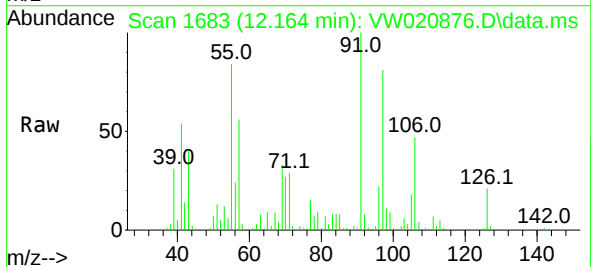
Manual Integrations
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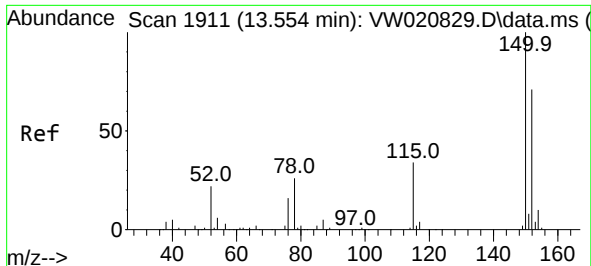
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#69
o-Xylene
Concen: 9.558 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW020876.D
Acq: 13 Nov 2021 00:25

Tgt Ion:106 Resp: 11591
Ion Ratio Lower Upper
106 100
91 219.4 110.9 332.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.554 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VW020876.D

Acq: 13 Nov 2021 00:25

Instrument :

MSVOA_W

ClientSampleId :

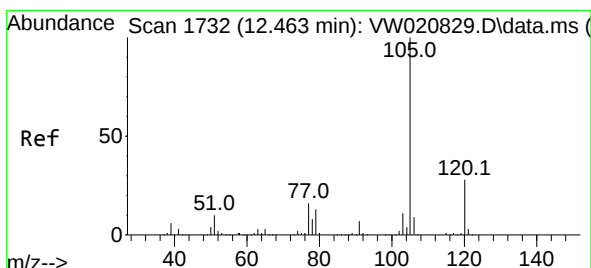
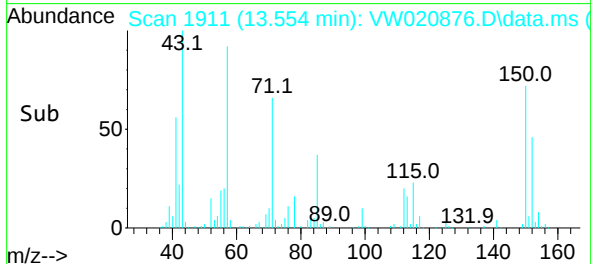
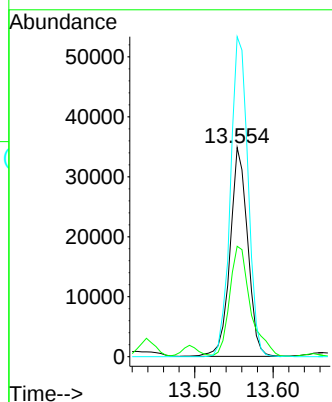
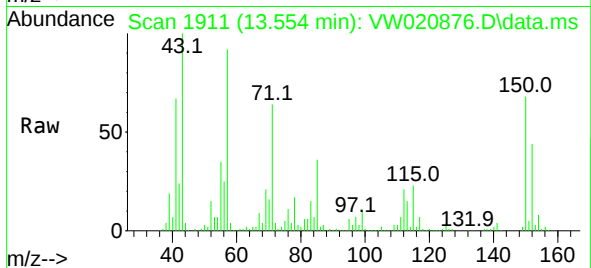
PARKINGLOT-BOTTOM-U-SP-1-2

Tgt Ion:152 Resp: 54118
 Ion Ratio Lower Upper
 152 100
 115 62.5 29.6 88.9
 150 153.2 0.0 352.6

Manual Integrations

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#73

Isopropylbenzene

Concen: 5.153 ug/l

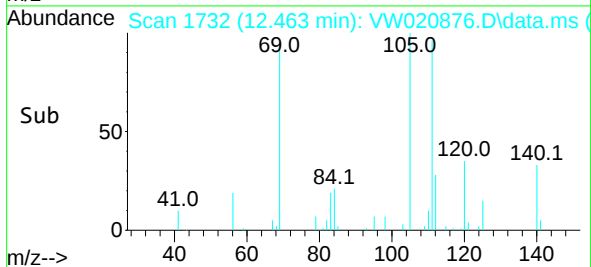
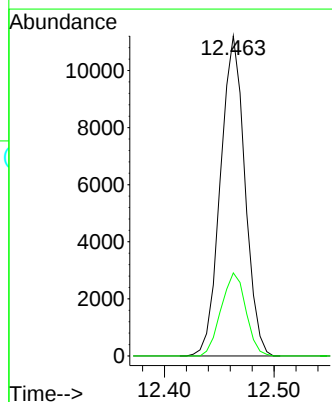
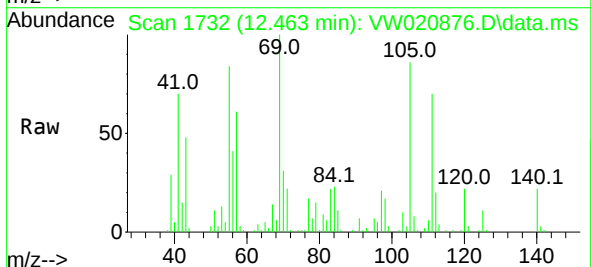
RT: 12.463 min Scan# 1732

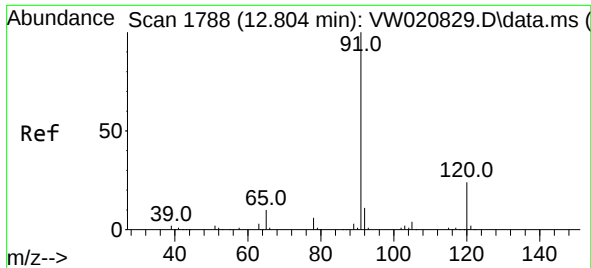
Delta R.T. 0.000 min

Lab File: VW020876.D

Acq: 13 Nov 2021 00:25

Tgt Ion:105 Resp: 17396
 Ion Ratio Lower Upper
 105 100
 120 26.2 13.0 39.0





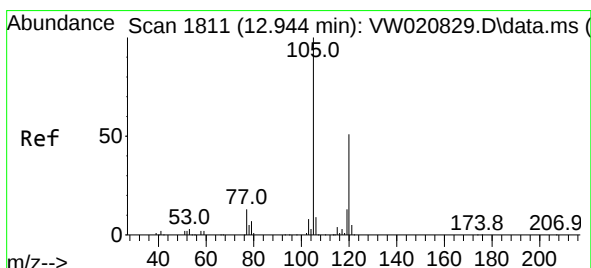
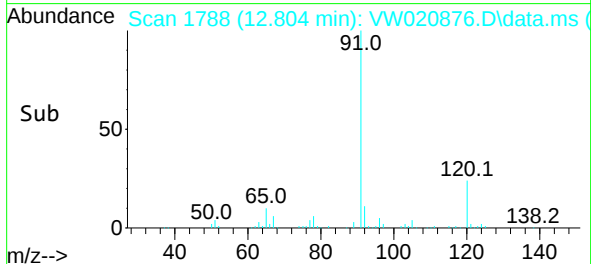
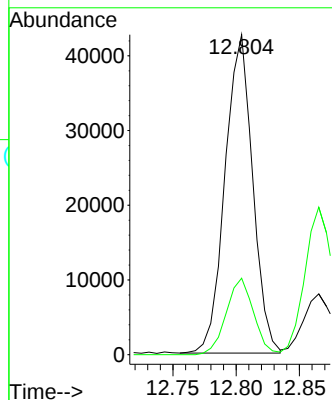
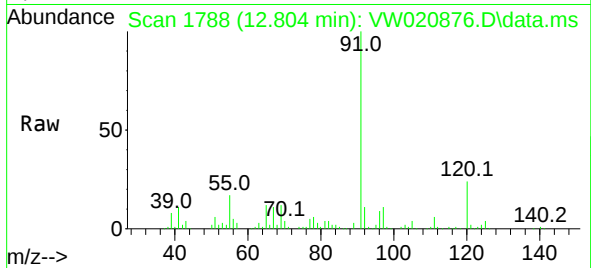
#78
n-propylbenzene
Concen: 15.776 ug/l
RT: 12.804 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW020876.D
Acq: 13 Nov 2021 00:25

Instrument :
MSVOA_W
ClientSampleId :
PARKINGLOT-BOTTOM-U-SP-1-2

Tgt Ion: 91 Resp: 6470
Ion Ratio Lower Upper
91 100
120 23.8 11.7 35.0

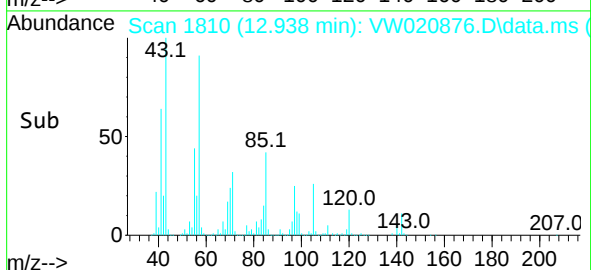
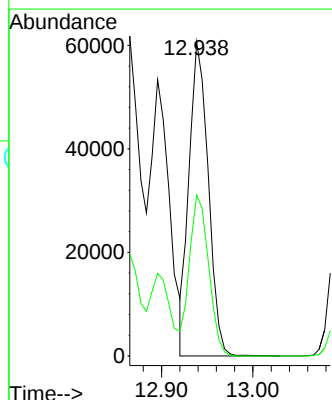
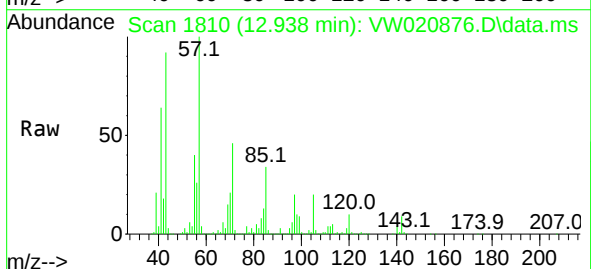
Manual Integrations
APPROVED

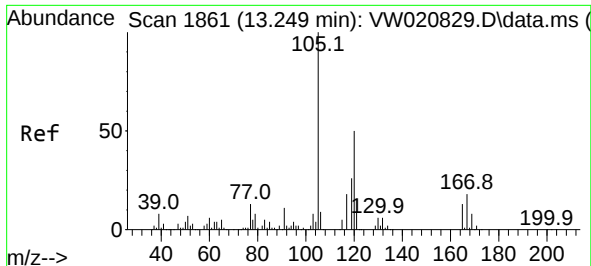
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#80
1,3,5-Trimethylbenzene
Concen: 31.448 ug/l
RT: 12.938 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VW020876.D
Acq: 13 Nov 2021 00:25

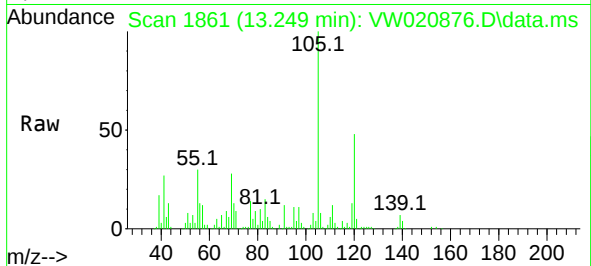
Tgt Ion:105 Resp: 88451
Ion Ratio Lower Upper
105 100
120 51.4 24.3 72.9





#84
1,2,4-Trimethylbenzene
Concen: 20.659 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020876.D
Acq: 13 Nov 2021 00:25

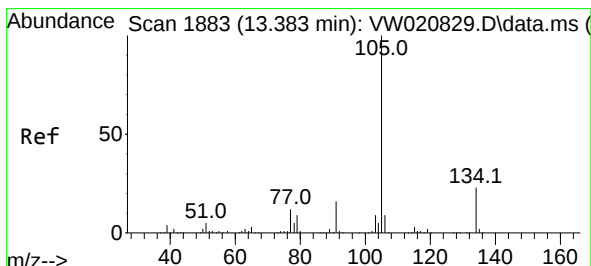
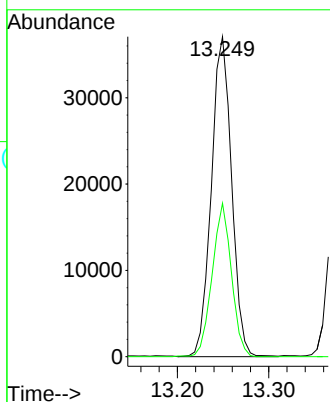
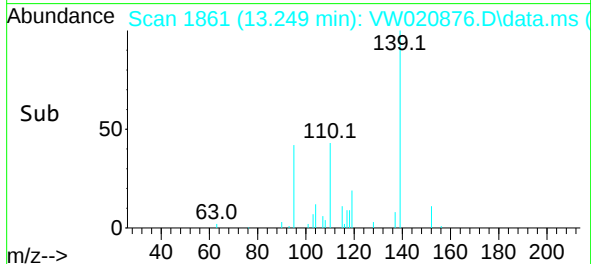
Instrument : MSVOA_W
ClientSampleId : PARKINGLOT-BOTTOM-U-SP-1-2



Tgt Ion:105 Resp: 5710
Ion Ratio Lower Upper
105 100
120 45.5 22.6 67.7

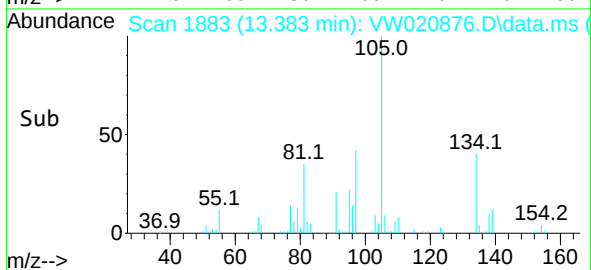
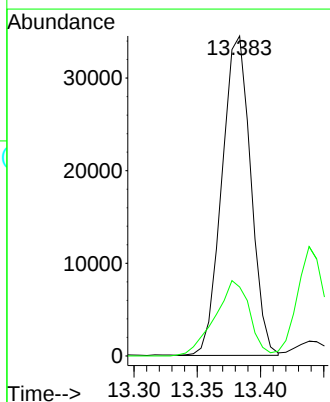
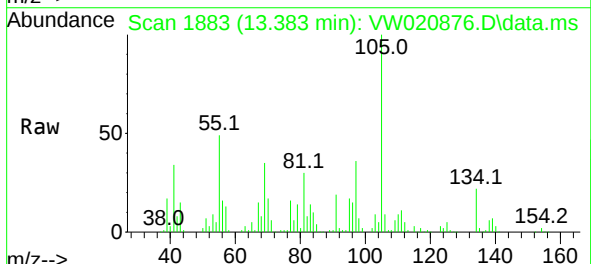
Manual Integrations
APPROVED

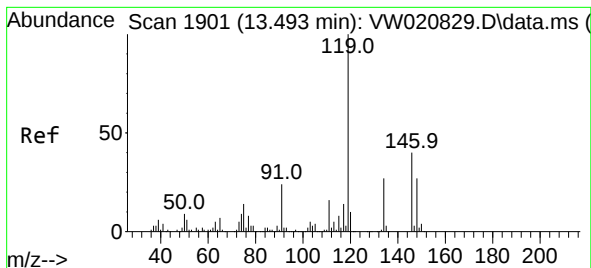
Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#85
sec-Butylbenzene
Concen: 14.488 ug/l
RT: 13.383 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VW020876.D
Acq: 13 Nov 2021 00:25

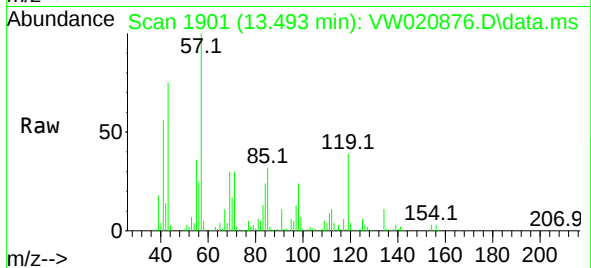
Tgt Ion:105 Resp: 54689
Ion Ratio Lower Upper
105 100
134 28.4 10.1 30.3





#86
p-Isopropyltoluene
Concen: 10.549 ug/l
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW020876.D
Acq: 13 Nov 2021 00:25

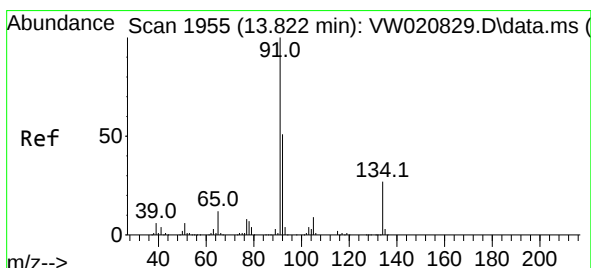
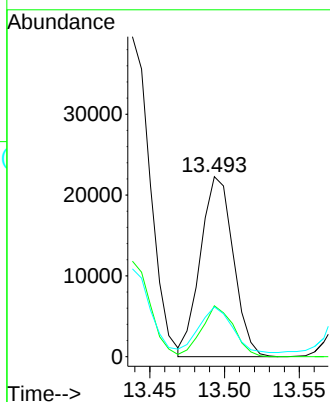
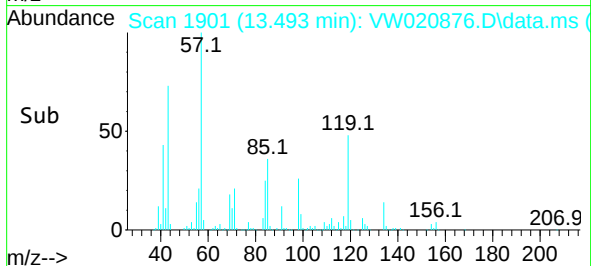
Instrument :
MSVOA_W
ClientSampleId :
PARKINGLOT-BOTTOM-U-SP-1-2



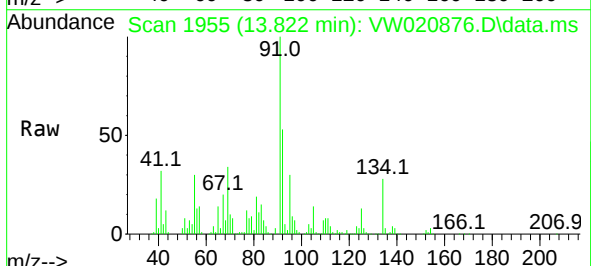
Tgt Ion:119 Resp: 34120
Ion Ratio Lower Upper
119 100
134 27.4 13.0 38.9
91 25.1 12.0 36.0

Manual Integrations
APPROVED

Reviewed By :Vimala Arumugam 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#89
n-Butylbenzene
Concen: 24.644 ug/l m
RT: 13.822 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VW020876.D
Acq: 13 Nov 2021 00:25



Tgt Ion: 91 Resp: 74220
Ion Ratio Lower Upper
91 100
92 52.8 27.1 81.2
134 0.0 13.4 40.1#

