

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042022\
 Data File : VD072657.D
 Acq On : 20 Apr 2022 19:55
 Operator : VA/SY
 Sample : N2480-05
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-16-1A-2-GR

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/21/2022
 Supervised By :Mahesh Dadoda 04/21/2022

Quant Time: Apr 21 01:56:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	522984	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	866518	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	623478	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	202392	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	262188	41.443	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	82.880%		
35) Dibromofluoromethane	7.914	113	270053	40.102	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	80.200%		
50) Toluene-d8	10.331	98	1720012	73.480	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	146.960%#		
62) 4-Bromofluorobenzene	12.614	95	746212	81.626	ug/l	-0.01
Spiked Amount 50.000	Range 25 - 144		Recovery =	163.260%#		
Target Compounds					Qvalue	
16) Acetone	4.149	43	188830	160.068	ug/l	99
17) Carbon Disulfide	4.408	76	51204	8.294	ug/l	100
25) 2-Butanone	7.202	43	100874	61.828	ug/l #	89
31) Cyclohexane	7.979	56	3313712	400.577	ug/l	89
39) Methylcyclohexane	9.349	83	12158288	1146.233	ug/l	95
52) Toluene	10.396	92	23560	1.508	ug/l #	60
68) m/p-Xylenes	11.843	106	101036	10.949	ug/l #	43
69) o-Xylene	12.173	106	181367	20.371	ug/l	85
73) Isopropylbenzene	12.467	105	1084426	66.345	ug/l	99
78) n-propylbenzene	12.808	91	338237	17.153	ug/l	89
80) 1,3,5-Trimethylbenzene	12.949	105	1561376	111.535	ug/l	99
83) tert-Butylbenzene	13.208	119	98141m	8.098	ug/l	
84) 1,2,4-Trimethylbenzene	13.255	105	1962790	143.383	ug/l	98
85) sec-Butylbenzene	13.390	105	682163	37.369	ug/l #	77
86) p-Isopropyltoluene	13.502	119	78939	5.290	ug/l #	75
89) n-Butylbenzene	13.825	91	496739	34.947	ug/l #	79

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

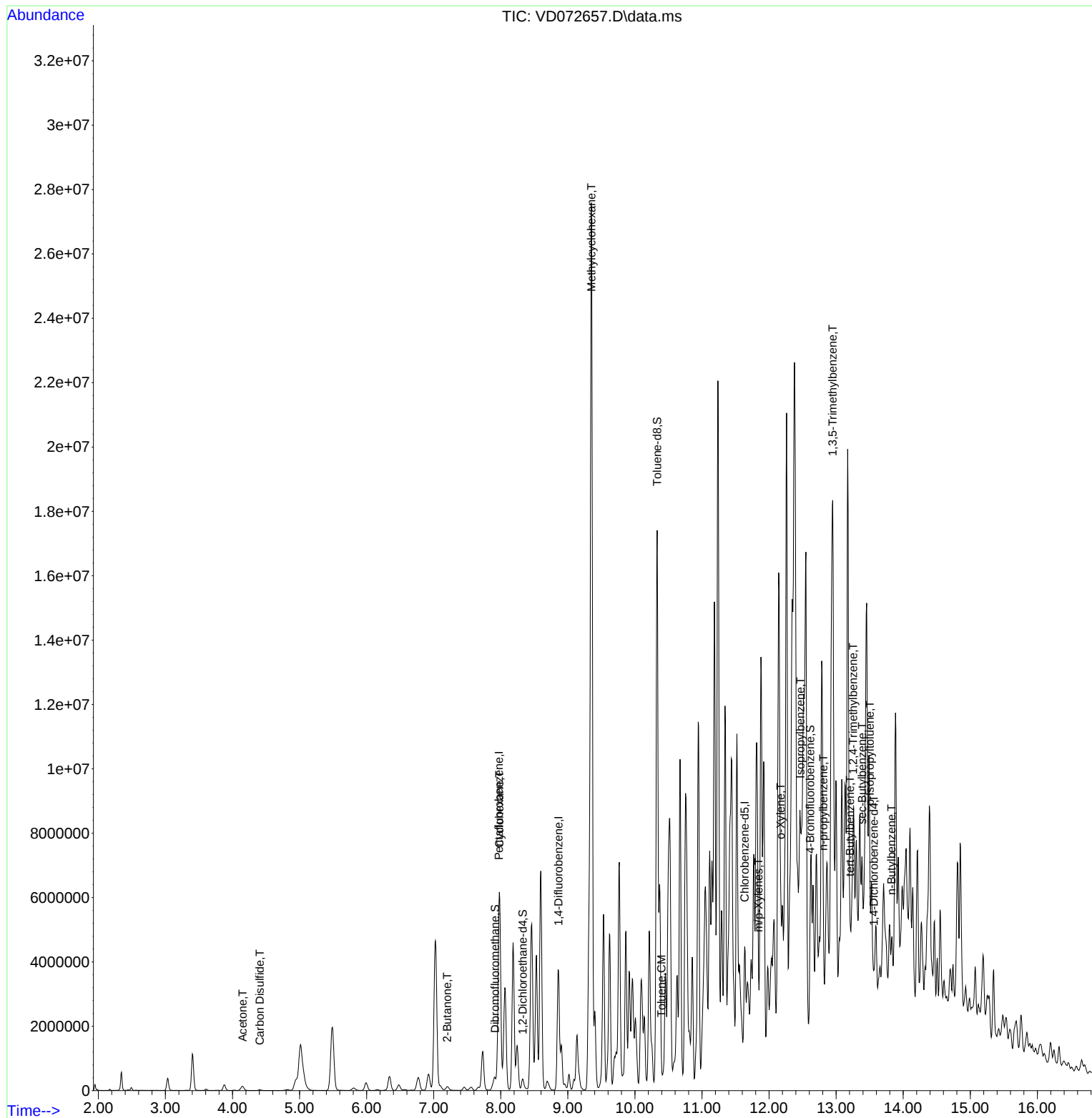
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042022\
Data File : VD072657.D
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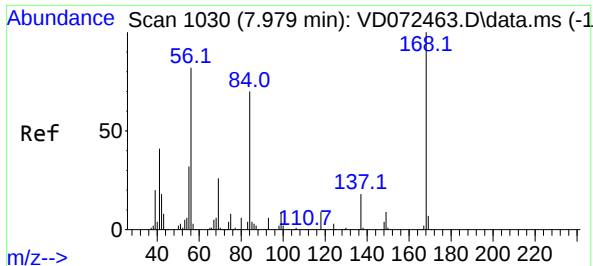
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-2-GR

Quant Time: Apr 21 01:56:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 02:44:36 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

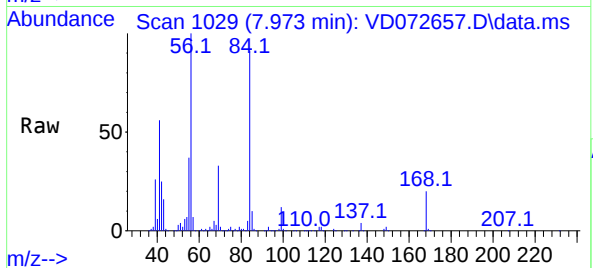
Reviewed By :Krupa Patel 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072657.D
Acq: 20 Apr 2022 19:55

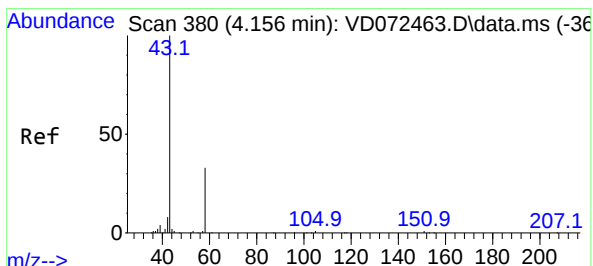
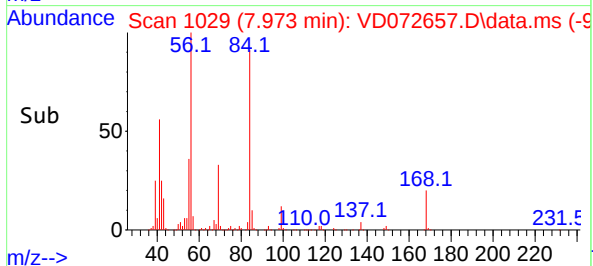
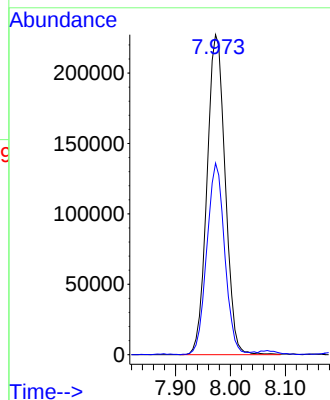
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-2-GR



Tgt Ion:168 Resp: 522984
Ion Ratio Lower Upper
168 100
99 59.8 49.8 74.6

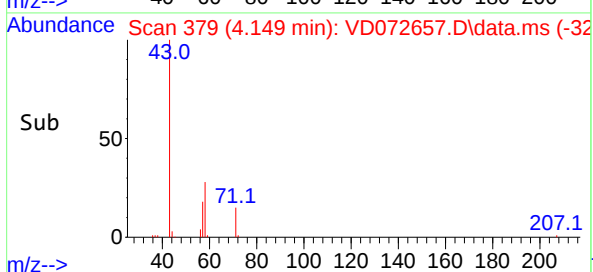
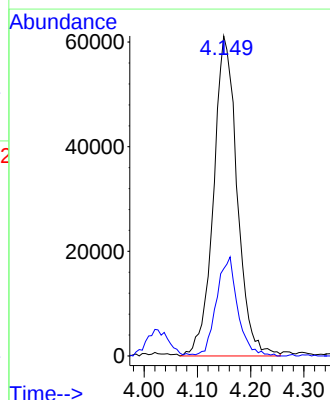
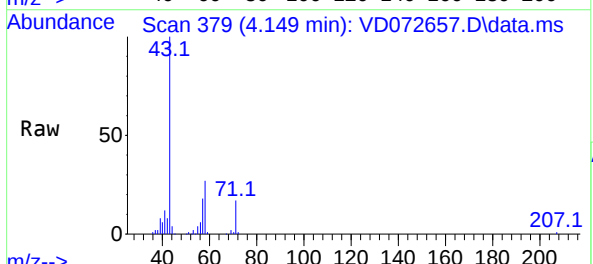
Manual Integrations
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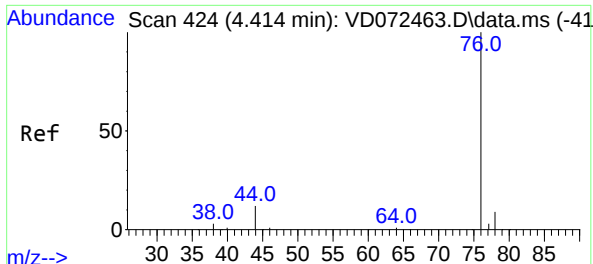
Reviewed By :Krupa Patel 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#16
Acetone
Concen: 160.068 ug/l
RT: 4.149 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD072657.D
Acq: 20 Apr 2022 19:55

Tgt Ion: 43 Resp: 188830
Ion Ratio Lower Upper
43 100
58 27.3 22.1 33.1





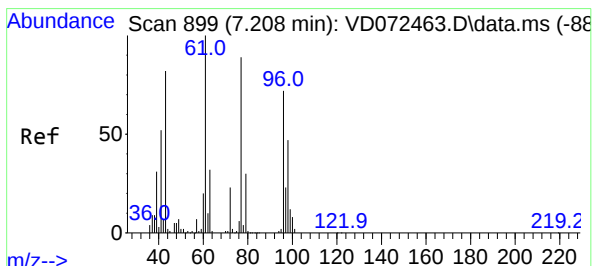
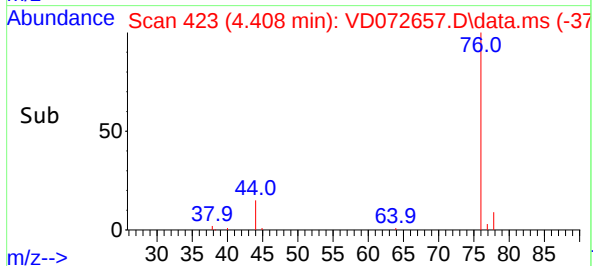
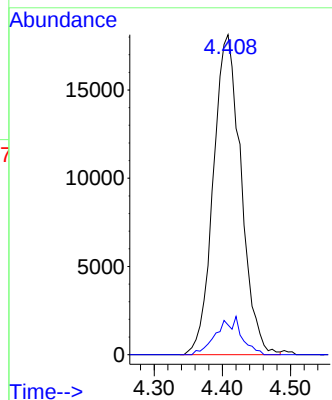
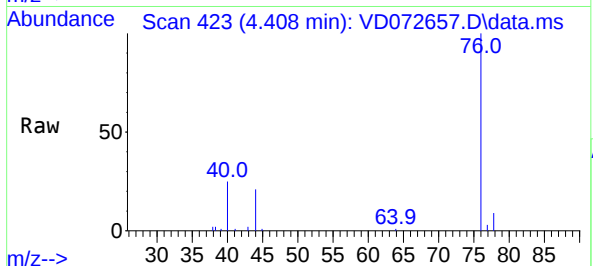
#17
Carbon Disulfide
Concen: 8.294 ug/l
RT: 4.408 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD072657.D
Acq: 20 Apr 2022 19:55

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WC-16-1A-2-GR

Tgt Ion: 76 Resp: 51204
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3

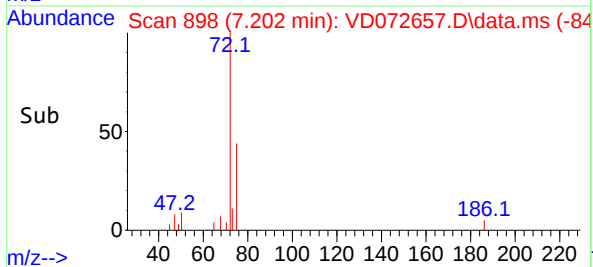
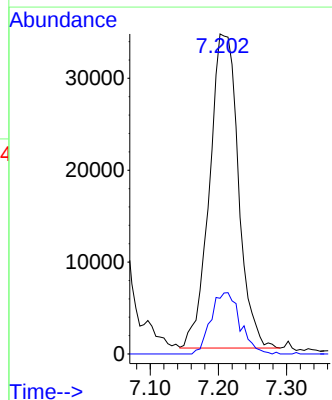
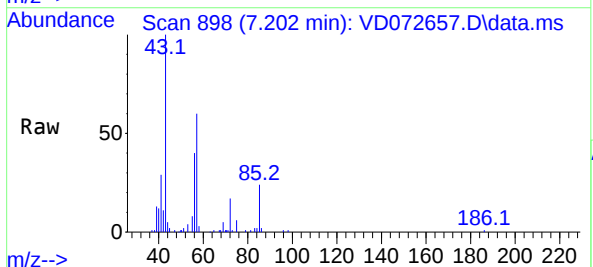
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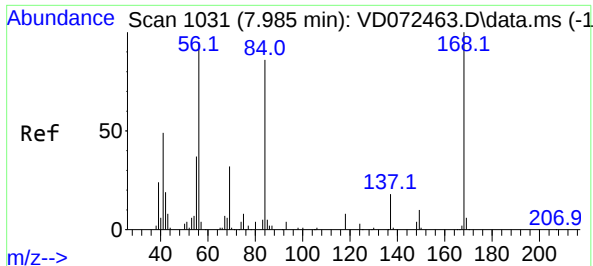
Reviewed By :Krupa Patel 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#25
2-Butanone
Concen: 61.828 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD072657.D
Acq: 20 Apr 2022 19:55

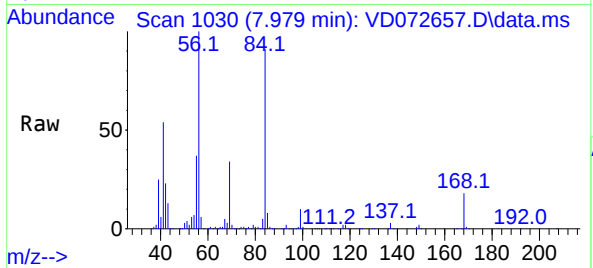
Tgt Ion: 43 Resp: 100874
Ion Ratio Lower Upper
43 100
72 17.7 18.6 27.8#





#31
Cyclohexane
Concen: 400.577 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072657.D
Acq: 20 Apr 2022 19:55

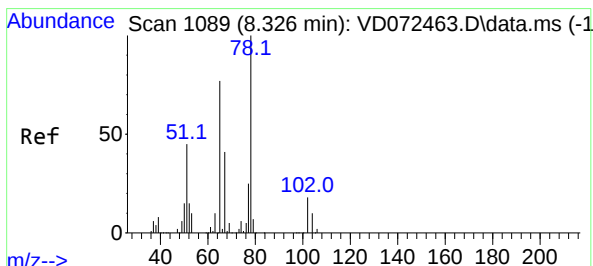
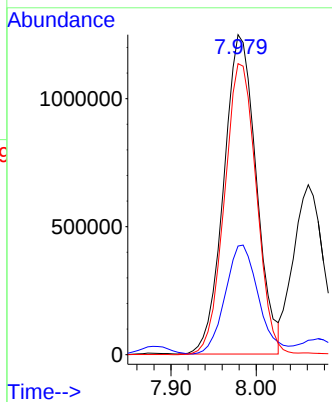
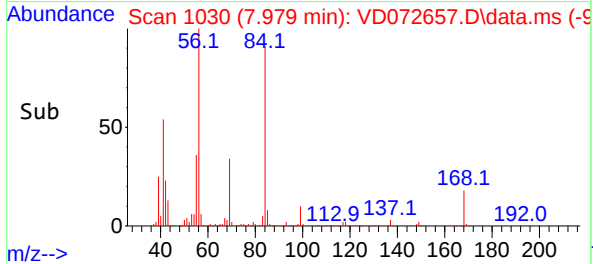
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-2-GR



Tgt Ion: 56 Resp: 331371
Ion Ratio Lower Upper
56 100
69 33.3 25.4 38.2
84 91.1 63.0 94.4

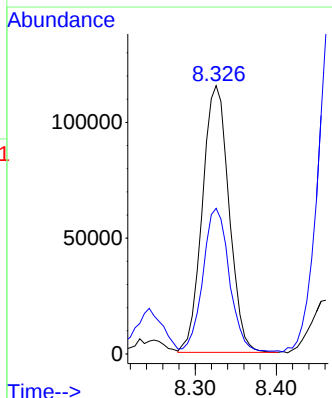
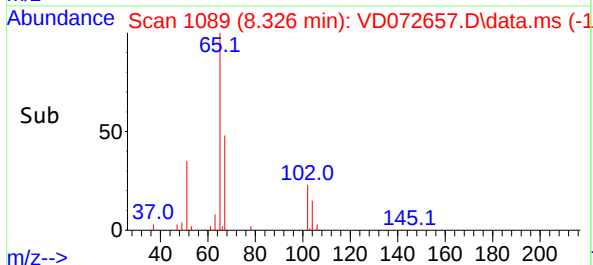
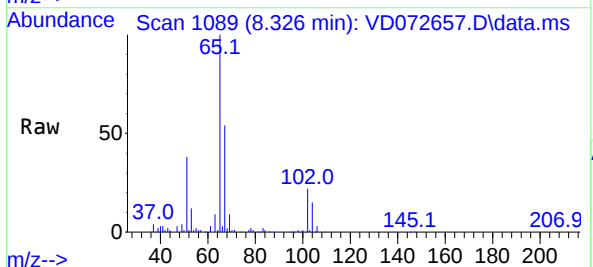
Manual Integrations
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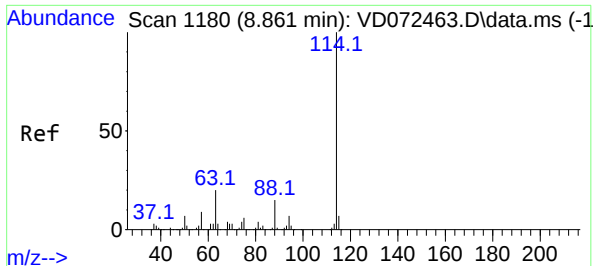
Reviewed By :Krupa Patel 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#33
1,2-Dichloroethane-d4
Concen: 41.443 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072657.D
Acq: 20 Apr 2022 19:55

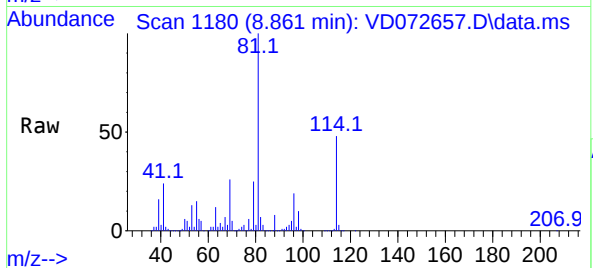
Tgt Ion: 65 Resp: 262188
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072657.D
Acq: 20 Apr 2022 19:55

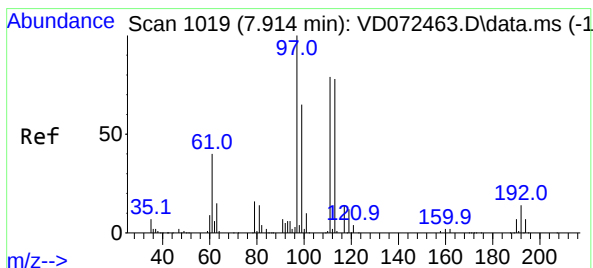
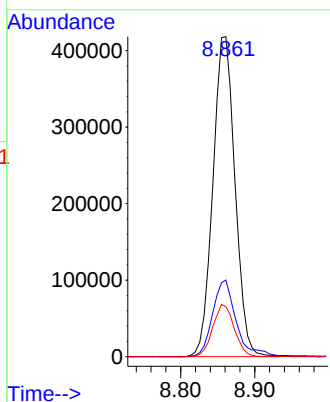
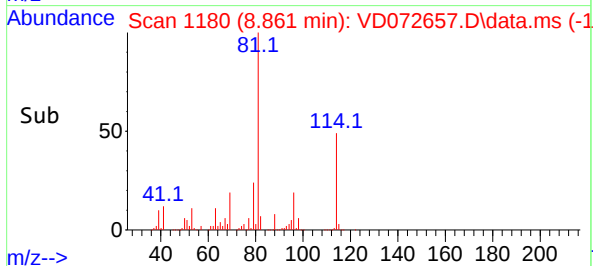
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-2-GR



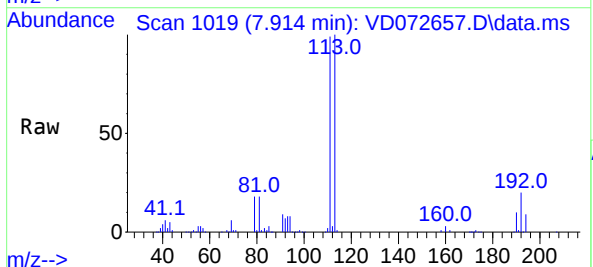
Tgt Ion:114 Resp: 866518
Ion Ratio Lower Upper
114 100
63 24.0 0.0 46.6
88 15.6 0.0 33.2

Manual Integrations
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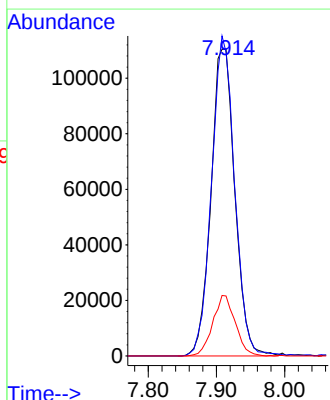
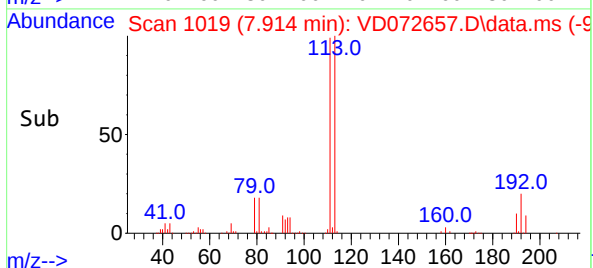
Reviewed By :Krupa Patel 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

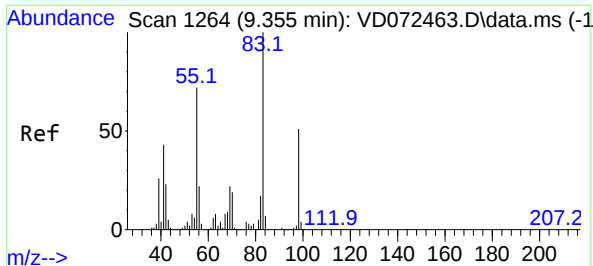


#35
Dibromofluoromethane
Concen: 40.102 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD072657.D
Acq: 20 Apr 2022 19:55



Tgt Ion:113 Resp: 270053
Ion Ratio Lower Upper
113 100
111 100.5 83.8 125.6
192 18.5 14.6 21.8





#39

Methylcyclohexane

Concen: 1146.233 ug/l

RT: 9.349 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD072657.D

Acq: 20 Apr 2022 19:55

Instrument :

MSVOA_D

ClientSampleId :

WC-16-1A-2-GR

Tgt Ion: 83 Resp:1215828

Ion Ratio Lower Upper

83 100

55 75.9 63.2 94.8

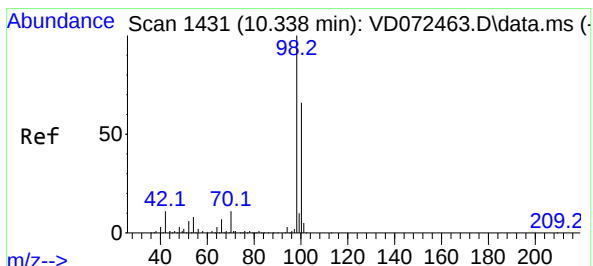
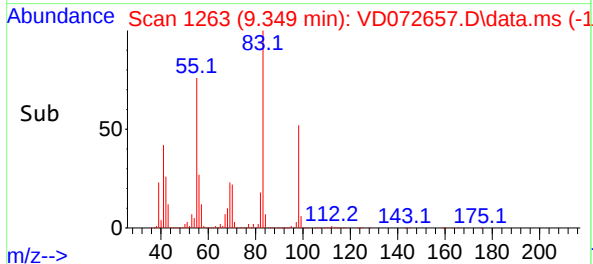
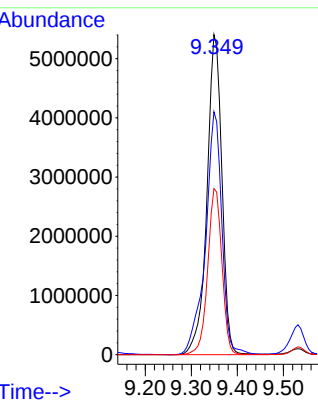
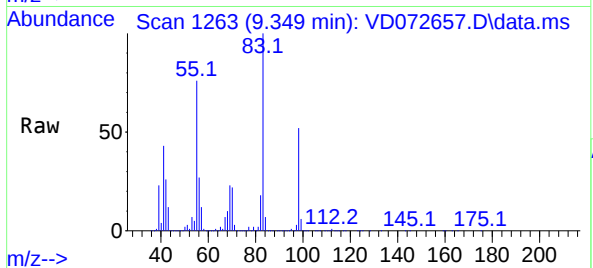
98 51.9 38.2 57.4

Manual Integrations

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Supervised By :Mahesh Dadoda 04/21/2022



#50

Toluene-d8

Concen: 73.480 ug/l

RT: 10.331 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VD072657.D

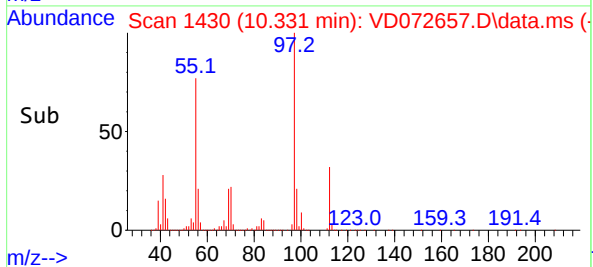
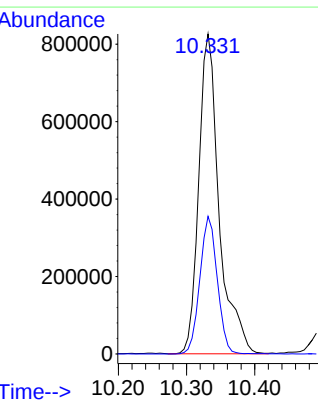
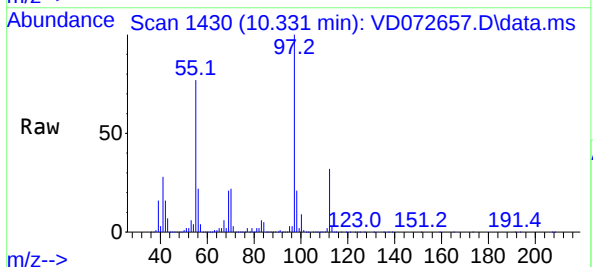
Acq: 20 Apr 2022 19:55

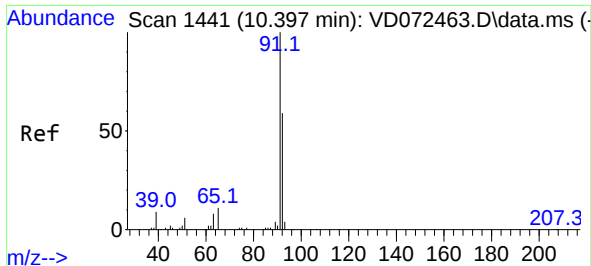
Tgt Ion: 98 Resp: 1720012

Ion Ratio Lower Upper

98 100

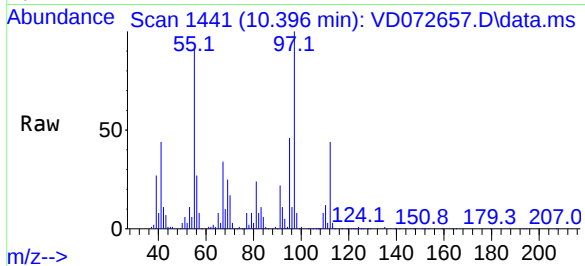
100 36.7 52.4 78.6#





#52
Toluene
Concen: 1.508 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD072657.D
Acq: 20 Apr 2022 19:55

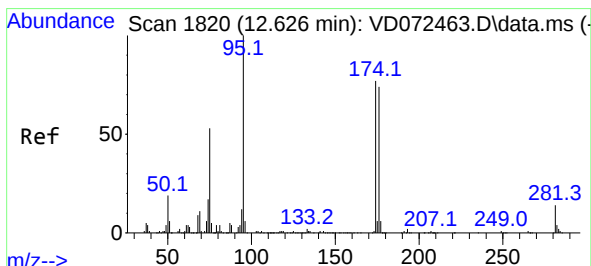
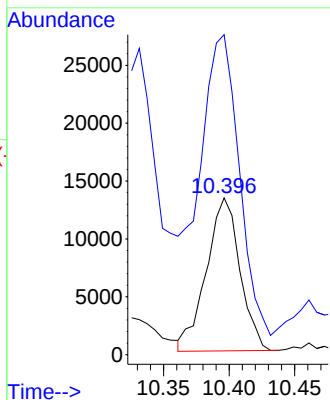
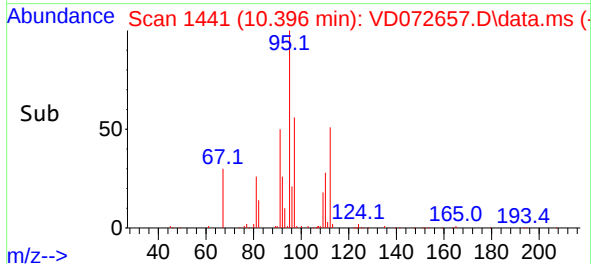
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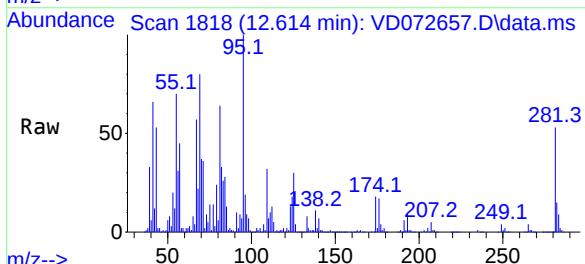
Tgt Ion: 92 Resp: 23560
Ion Ratio Lower Upper
92 100
91 230.8 139.6 209.4

Manual Integrations
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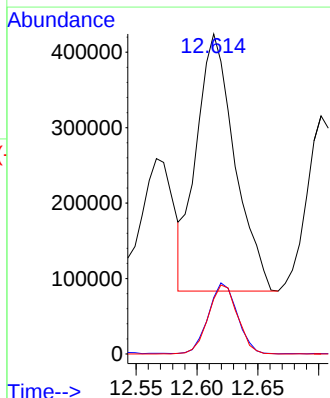
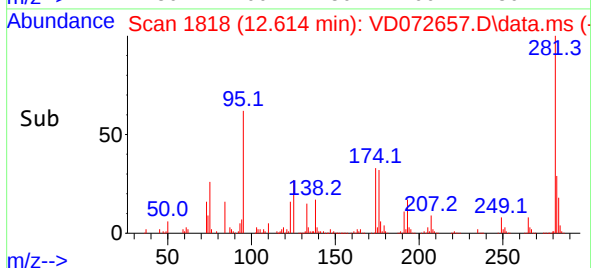
Reviewed By :Krupa Patel 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

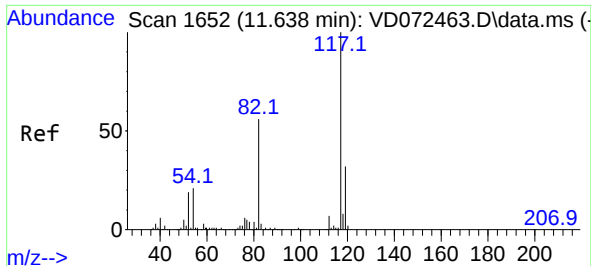


#62
4-Bromofluorobenzene
Concen: 81.626 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.012 min
Lab File: VD072657.D
Acq: 20 Apr 2022 19:55



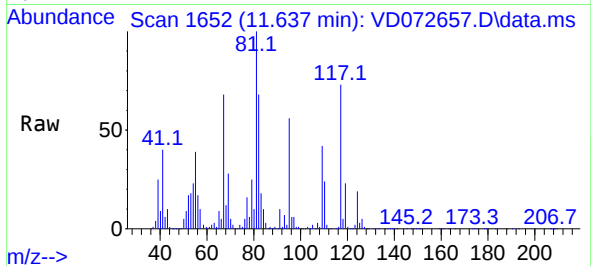
Tgt Ion: 95 Resp: 746212
Ion Ratio Lower Upper
95 100
174 20.8 0.0 152.8
176 20.4 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072657.D
Acq: 20 Apr 2022 19:55

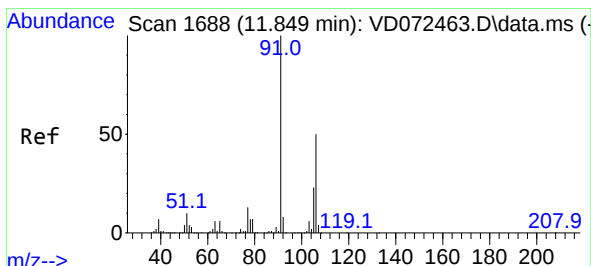
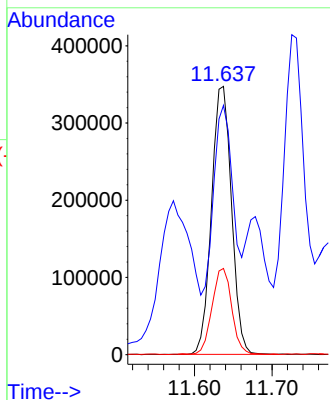
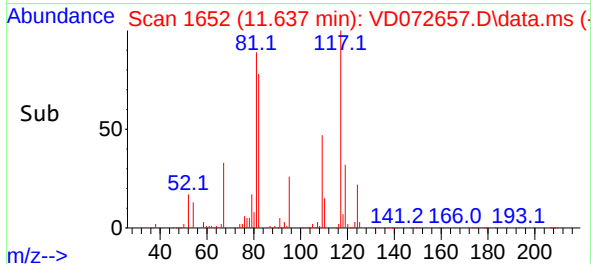
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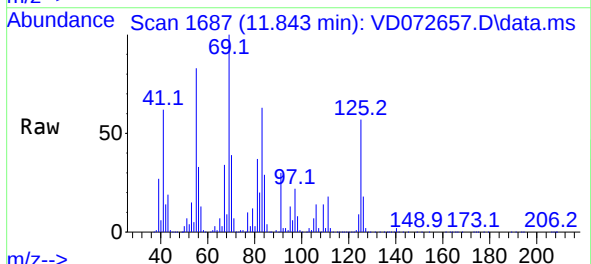
Tgt Ion:117 Resp: 623478
Ion Ratio Lower Upper
117 100
82 57.3 45.3 67.9
119 32.0 26.6 40.0

Manual Integrations
APPROVED

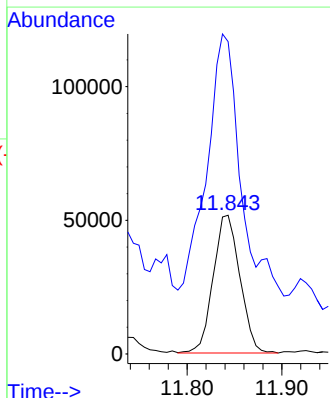
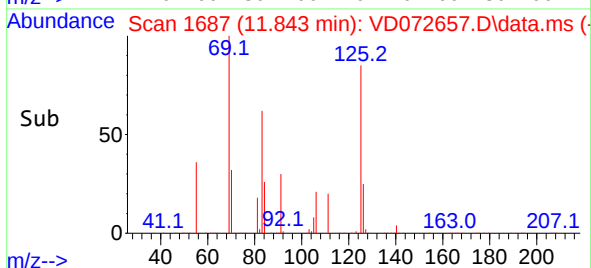
Reviewed By :Krupa Patel 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

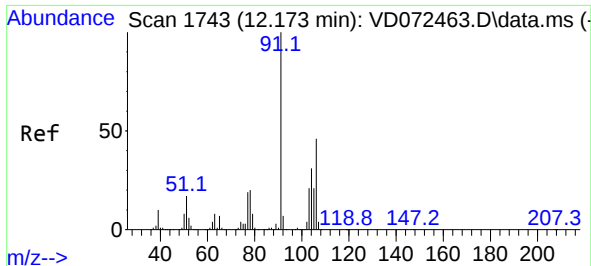


#68
m/p-Xylenes
Concen: 10.949 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD072657.D
Acq: 20 Apr 2022 19:55



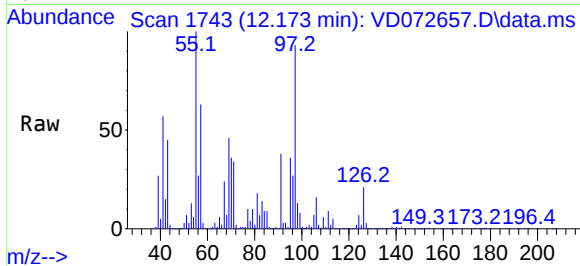
Tgt Ion:106 Resp: 101036
Ion Ratio Lower Upper
106 100
91 291.4 163.7 245.5#





#69
o-Xylene
Concen: 20.371 ug/l
RT: 12.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072657.D
Acq: 20 Apr 2022 19:55

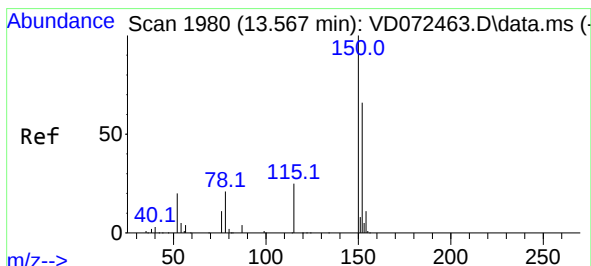
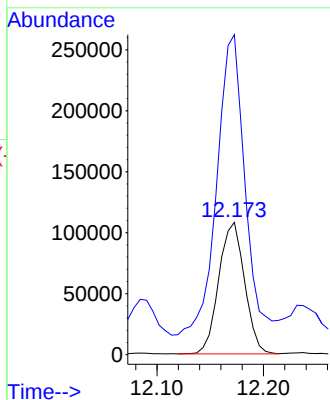
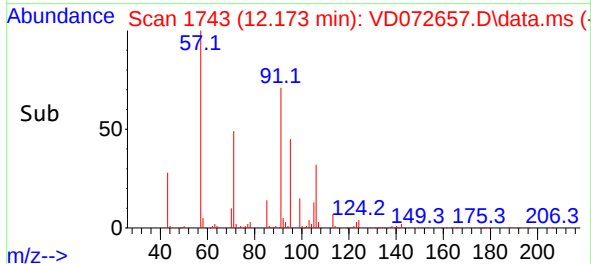
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-2-GR



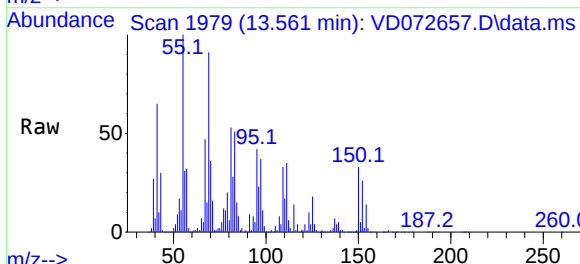
Tgt Ion:106 Resp: 18136
Ion Ratio Lower Upper
106 100
91 245.2 110.4 331.2

Manual Integrations
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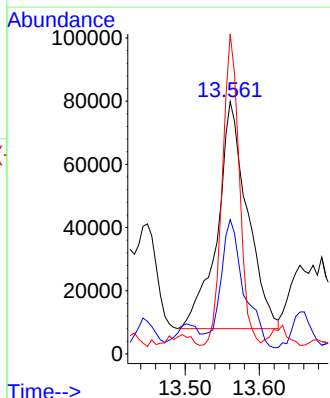
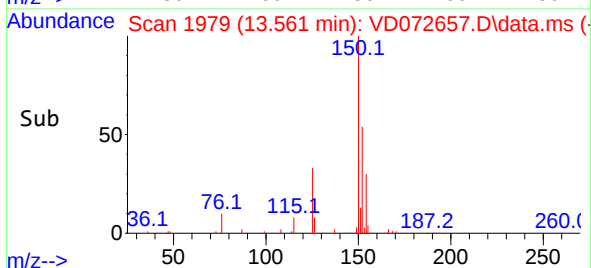
Reviewed By :Krupa Patel 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

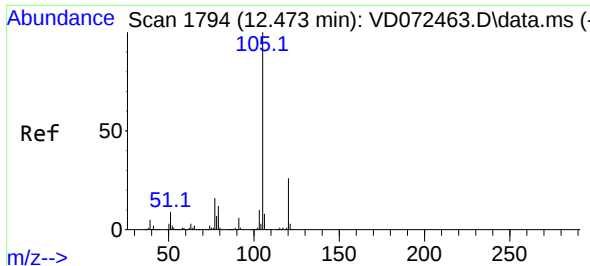


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072657.D
Acq: 20 Apr 2022 19:55



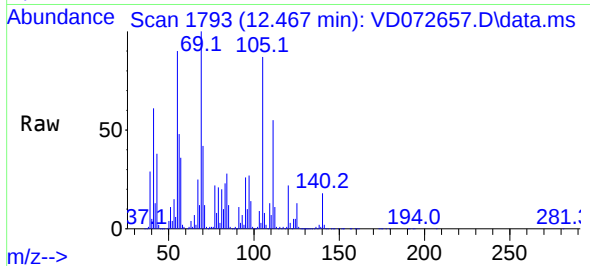
Tgt Ion:152 Resp: 202392
Ion Ratio Lower Upper
152 100
115 43.6 31.3 93.8
150 78.5 0.0 348.6





#73
Isopropylbenzene
Concen: 66.345 ug/l
RT: 12.467 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072657.D
Acq: 20 Apr 2022 19:55

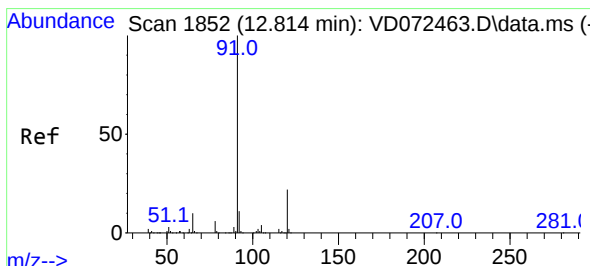
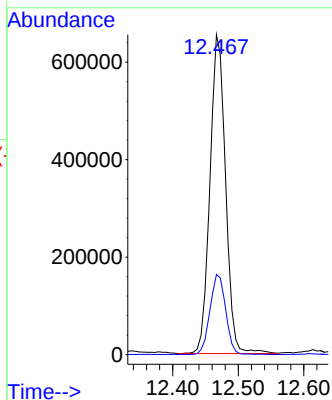
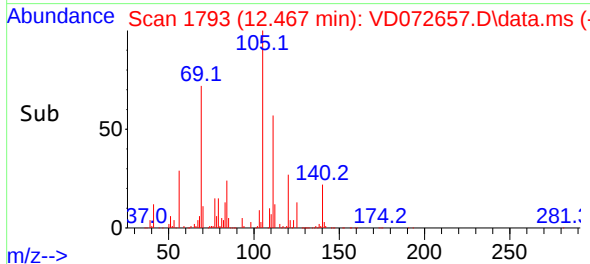
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-2-GR



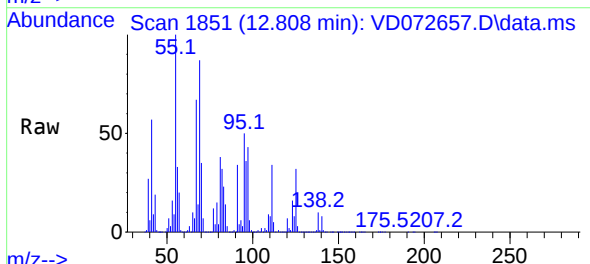
Tgt Ion:105 Resp: 1084420
Ion Ratio Lower Upper
105 100
120 25.3 13.0 38.9

Manual Integrations
APPROVED

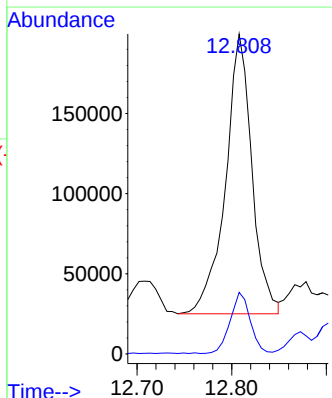
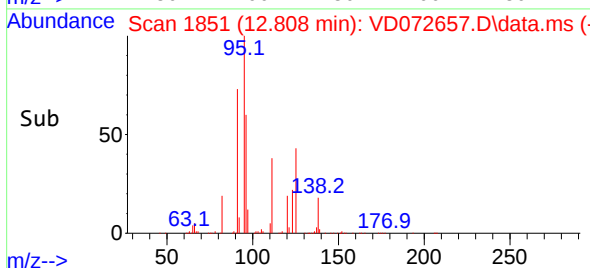
Reviewed By :Krupa Patel 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

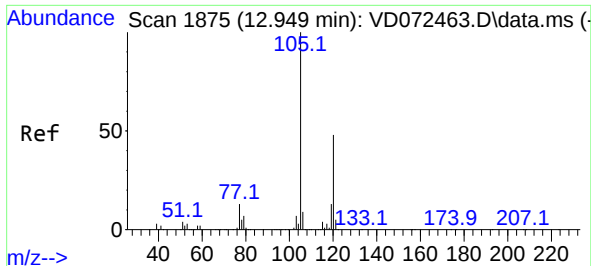


#78
n-propylbenzene
Concen: 17.153 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD072657.D
Acq: 20 Apr 2022 19:55



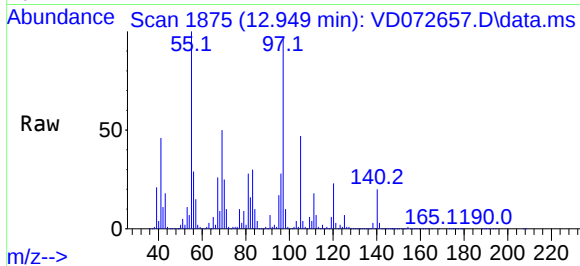
Tgt Ion: 91 Resp: 338237
Ion Ratio Lower Upper
91 100
120 16.6 10.9 32.9





#80
1,3,5-Trimethylbenzene
Concen: 111.535 ug/l
RT: 12.949 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072657.D
Acq: 20 Apr 2022 19:55

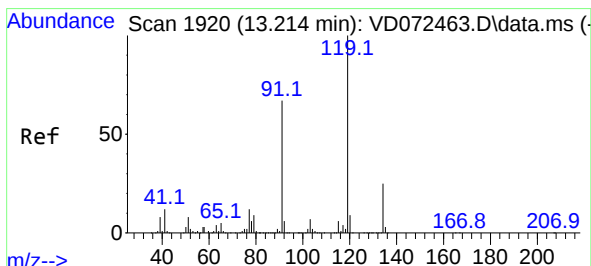
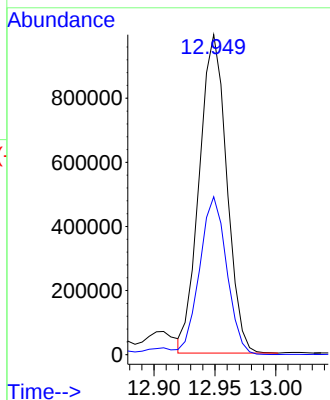
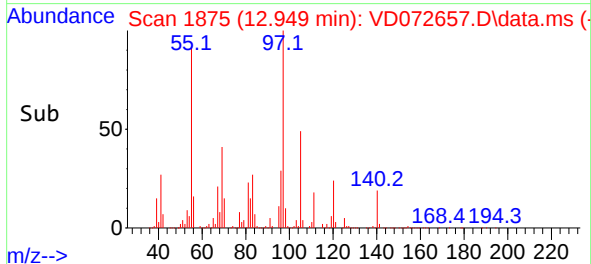
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-2-GR



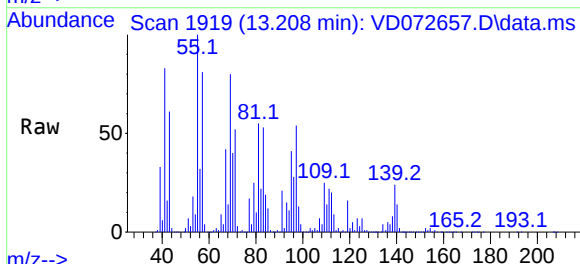
Tgt Ion:105 Resp: 1561370
Ion Ratio Lower Upper
105 100
120 49.1 24.3 72.8

Manual Integrations
APPROVED

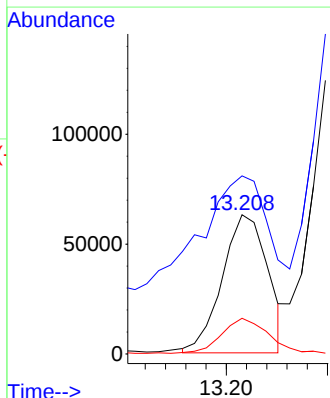
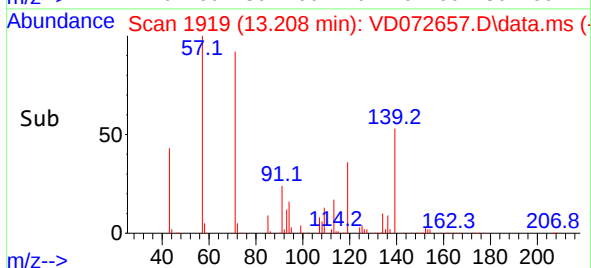
Reviewed By :Krupa Patel 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

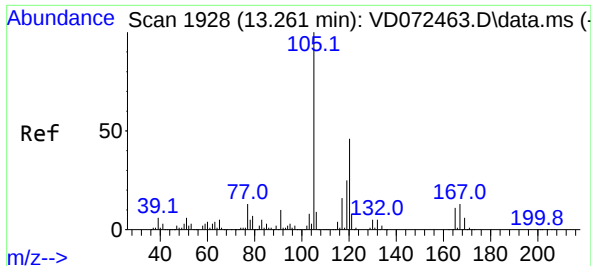


#83
tert-Butylbenzene
Concen: 8.098 ug/l m
RT: 13.208 min Scan# 1919
Delta R.T. -0.006 min
Lab File: VD072657.D
Acq: 20 Apr 2022 19:55



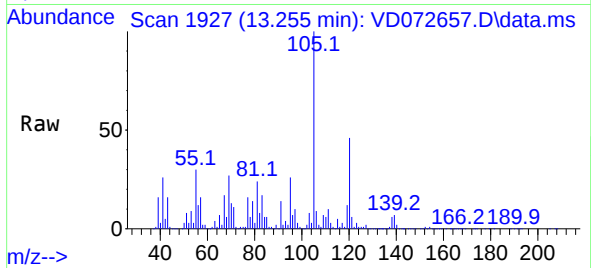
Tgt Ion:119 Resp: 98141
Ion Ratio Lower Upper
119 100
91 72.3 34.8 104.5
134 43.0 13.3 39.9#





#84
1,2,4-Trimethylbenzene
Concen: 143.383 ug/l
RT: 13.255 min Scan# 1928
Delta R.T. -0.006 min
Lab File: VD072657.D
Acq: 20 Apr 2022 19:55

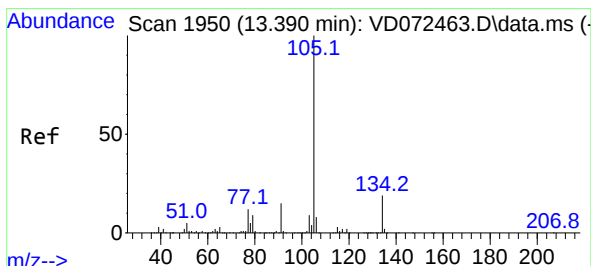
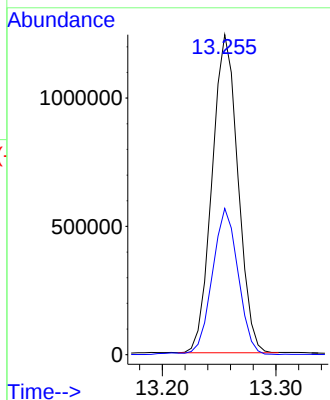
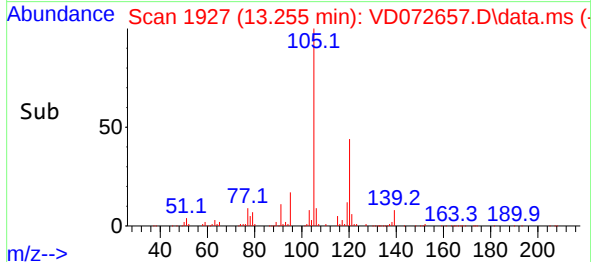
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-2-GR



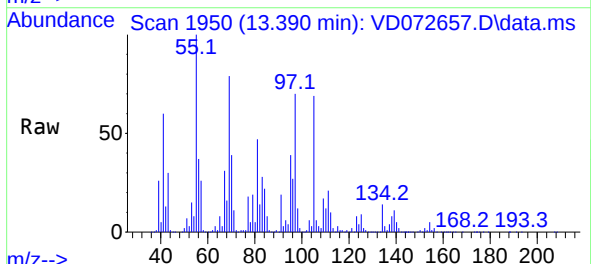
Tgt Ion:105 Resp: 1962790
Ion Ratio Lower Upper
105 100
120 46.1 22.3 66.8

Manual Integrations
APPROVED

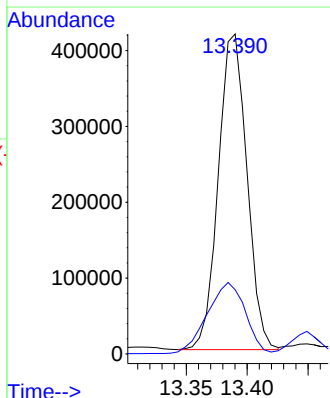
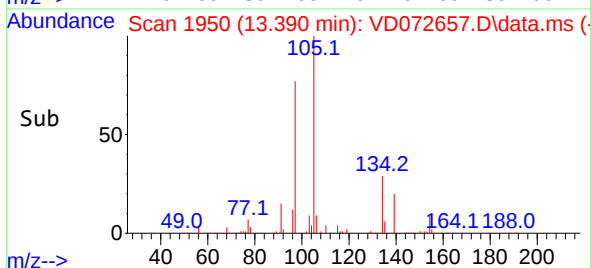
Reviewed By :Krupa Patel 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

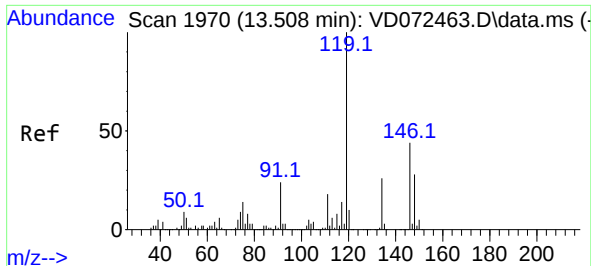


#85
sec-Butylbenzene
Concen: 37.369 ug/l
RT: 13.390 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VD072657.D
Acq: 20 Apr 2022 19:55



Tgt Ion:105 Resp: 682163
Ion Ratio Lower Upper
105 100
134 29.9 9.8 29.3#





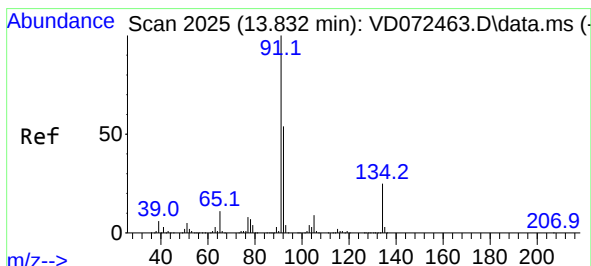
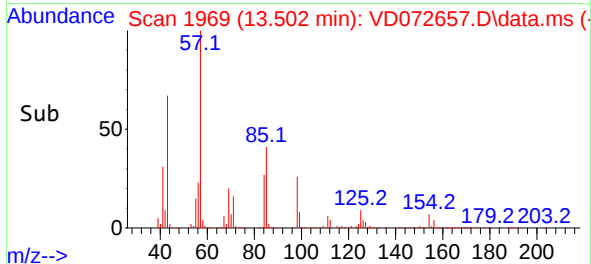
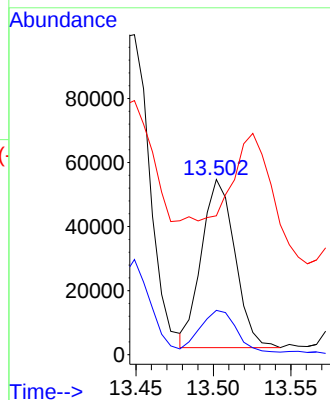
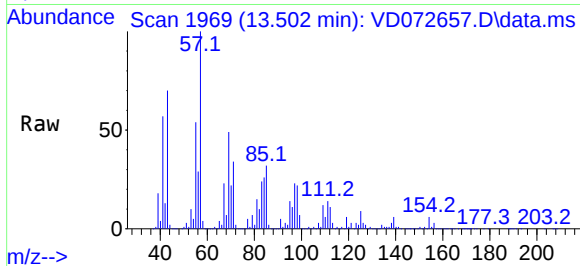
#86
p-Isopropyltoluene
Concen: 5.290 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.006 min
Lab File: VD072657.D
Acq: 20 Apr 2022 19:55

Instrument : MSVOA_D
ClientSampleId : WC-16-1A-2-GR

Tgt Ion: 119 Resp: 78939
Ion Ratio Lower Upper
119 100
134 26.7 12.9 38.6
91 0.0 12.1 36.3

Manual Integrations
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Reviewed By :Krupa Patel 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#89
n-Butylbenzene
Concen: 34.947 ug/l
RT: 13.825 min Scan# 2024
Delta R.T. -0.006 min
Lab File: VD072657.D
Acq: 20 Apr 2022 19:55

Tgt Ion: 91 Resp: 496739
Ion Ratio Lower Upper
91 100
92 58.6 26.6 79.8
134 0.0 12.3 36.9

