

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040522\
 Data File : VD072538.D
 Acq On : 05 Apr 2022 16:42
 Operator : VA/SY
 Sample : N2254-12
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14A-1A-4-GR-5

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/06/2022
 Supervised By : Mahesh Dadoda 04/06/2022

Quant Time: Apr 06 01:14:15 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	703968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1237092	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1117770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	478754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	351957	41.330	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	82.660%		
35) Dibromofluoromethane	7.908	113	385596	40.108	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	80.220%		
50) Toluene-d8	10.332	98	1584673	47.419	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.840%		
62) 4-Bromofluorobenzene	12.620	95	516565	39.579	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	79.160%		
Target Compounds						Qvalue
17) Carbon Disulfide	4.403	76	3324m	3.851	ug/l	
31) Cyclohexane	7.979	56	133632	12.001	ug/l #	78
39) Methylcyclohexane	9.350	83	1707242	115.332	ug/l	97

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

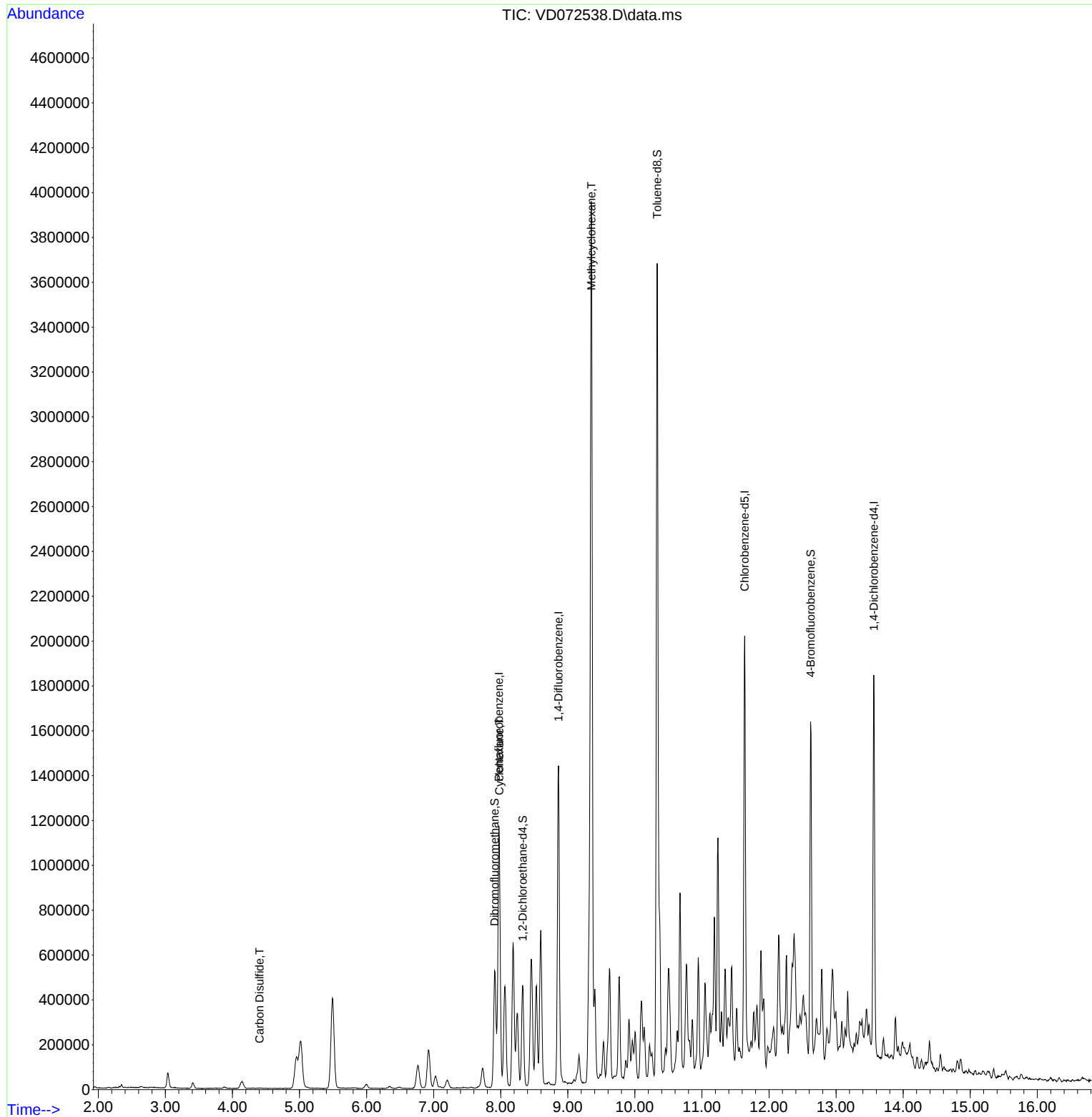
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040522\
Data File : VD072538.D
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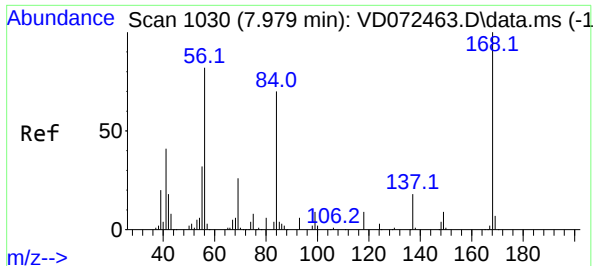
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-GR-5

Quant Time: Apr 06 01:14:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
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APPROVED

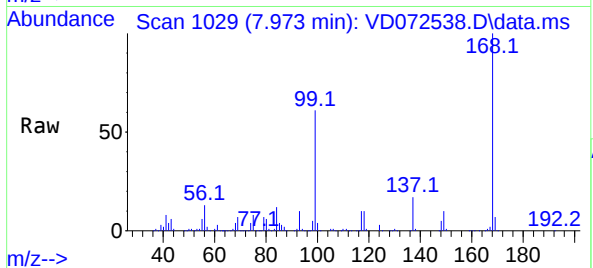
Reviewed By : John Carlone 04/06/2022
Supervised By : Mahesh Dadoda 04/06/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072538.D
Acq: 05 Apr 2022 16:42

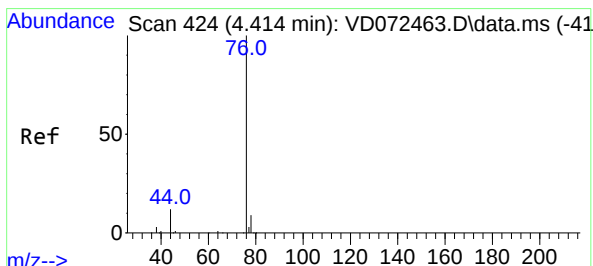
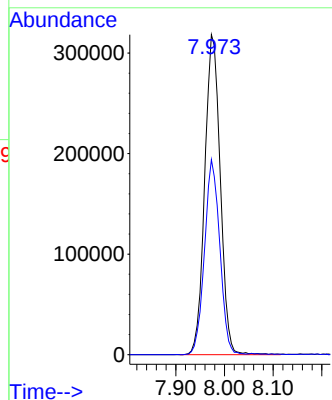
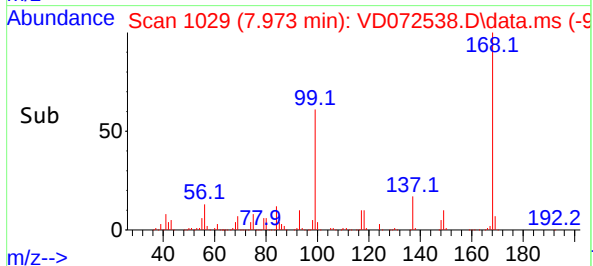
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-GR-5



Tgt Ion:168 Resp: 703968
Ion Ratio Lower Upper
168 100
99 60.9 49.8 74.6

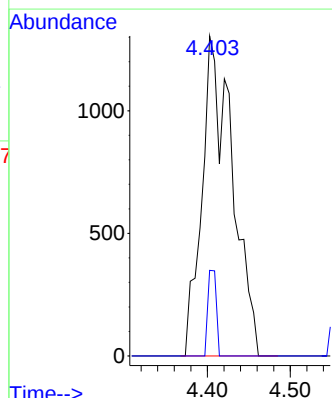
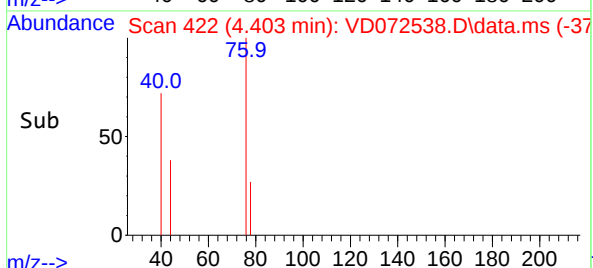
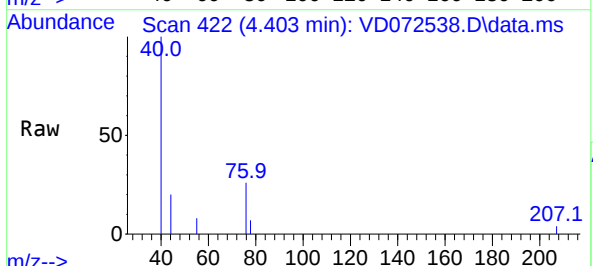
Manual Integrations
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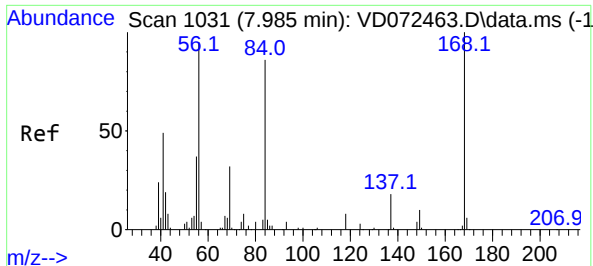
Reviewed By :John Carlone 04/06/2022
Supervised By :Mahesh Dadoda 04/06/2022



#17
Carbon Disulfide
Concen: 3.851 ug/l m
RT: 4.403 min Scan# 422
Delta R.T. -0.011 min
Lab File: VD072538.D
Acq: 05 Apr 2022 16:42

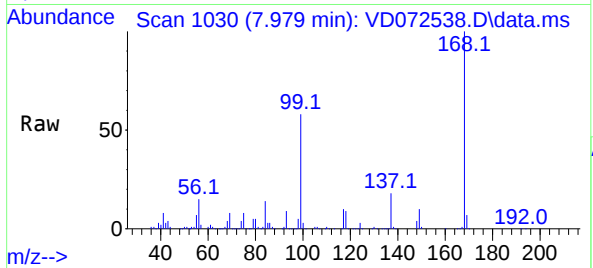
Tgt Ion: 76 Resp: 3324
Ion Ratio Lower Upper
76 100
78 26.7 7.5 11.3#





#31
Cyclohexane
Concen: 12.001 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD072538.D
Acq: 05 Apr 2022 16:42

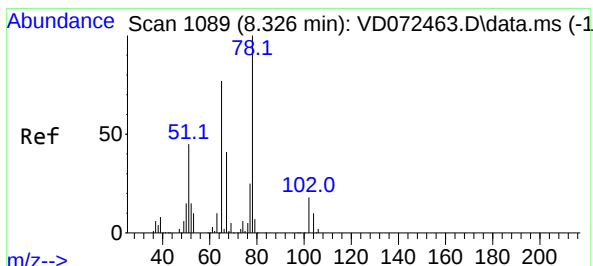
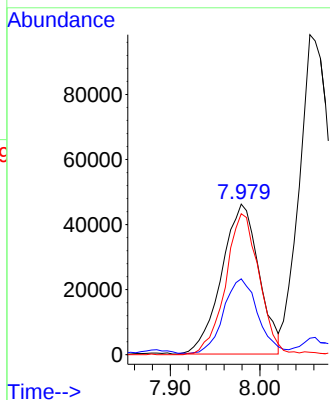
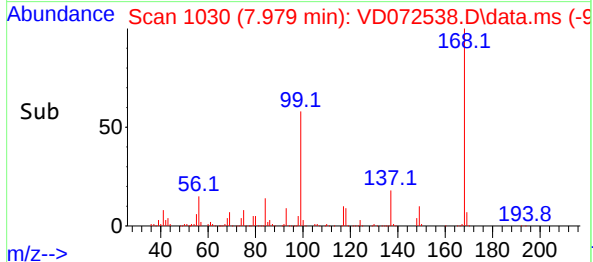
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-GR-5



Tgt Ion: 56 Resp: 133632
Ion Ratio Lower Upper
56 100
69 49.6 25.4 38.2
84 94.0 63.0 94.4

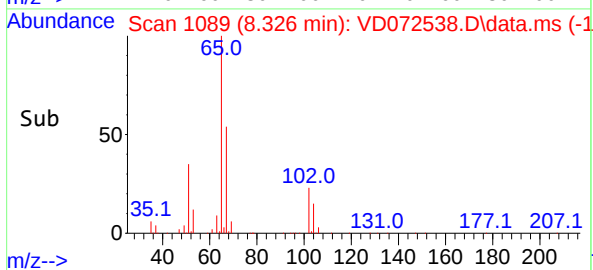
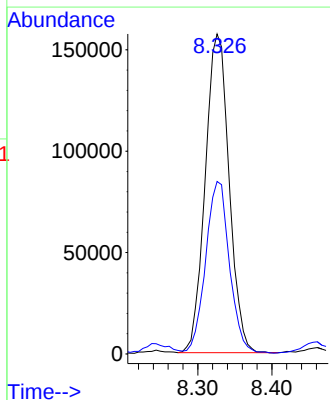
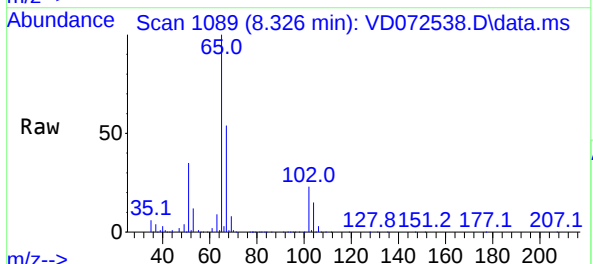
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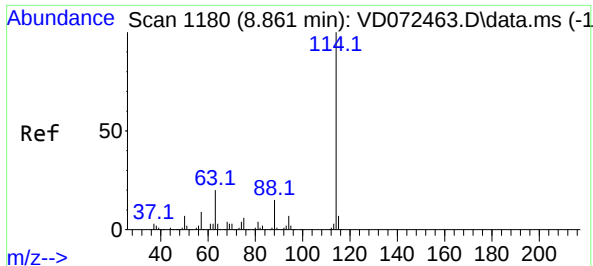
Reviewed By :John Carlone 04/06/2022
Supervised By :Mahesh Dadoda 04/06/2022



#33
1,2-Dichloroethane-d4
Concen: 41.330 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072538.D
Acq: 05 Apr 2022 16:42

Tgt Ion: 65 Resp: 351957
Ion Ratio Lower Upper
65 100
67 53.8 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: VD072538.D

Acq: 05 Apr 2022 16:42

Instrument :

MSVOA_D

ClientSampleId :

WC-14A-1A-4-GR-5

Tgt Ion:114 Resp: 1237092

Ion Ratio Lower Upper

114 100

63 19.1 0.0 46.6

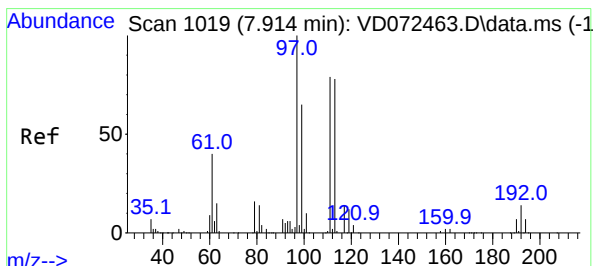
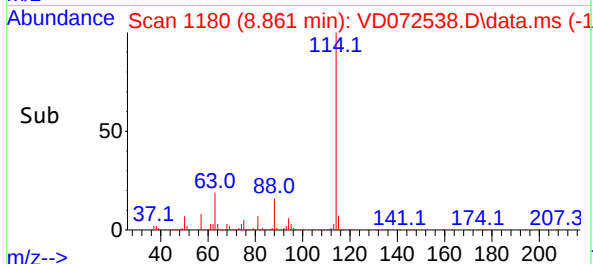
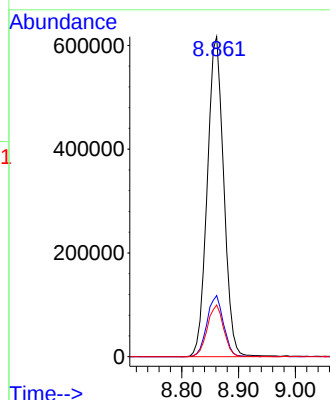
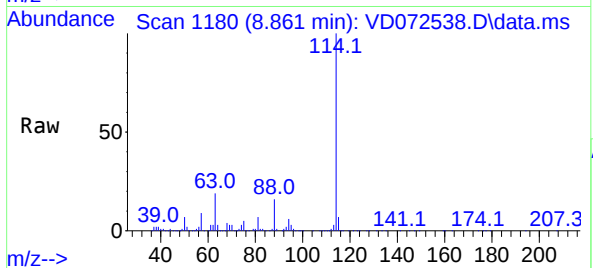
88 16.1 0.0 33.2

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Reviewed By :John Carlone 04/06/2022

Supervised By :Mahesh Dadoda 04/06/2022



#35

Dibromofluoromethane

Concen: 40.108 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD072538.D

Acq: 05 Apr 2022 16:42

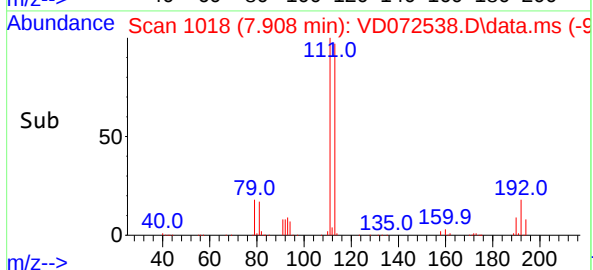
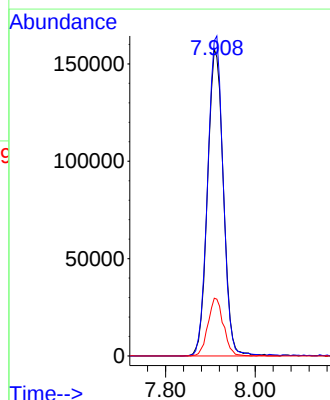
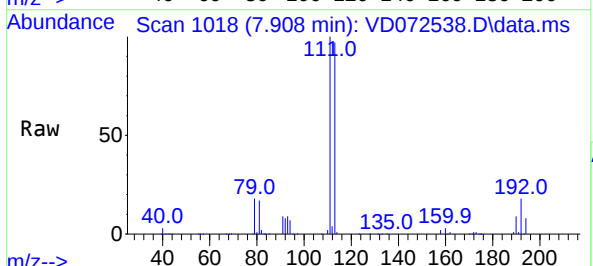
Tgt Ion:113 Resp: 385596

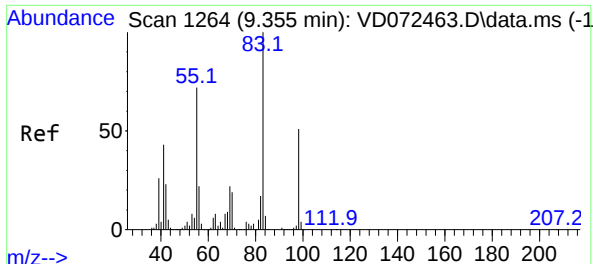
Ion Ratio Lower Upper

113 100

111 102.2 83.8 125.6

192 18.5 14.6 21.8





#39

Methylcyclohexane

Concen: 115.332 ug/l

RT: 9.350 min Scan# 1

Delta R.T. -0.005 min

Lab File: VD072538.D

Acq: 05 Apr 2022 16:42

Instrument :

MSVOA_D

ClientSampleId :

WC-14A-1A-4-GR-5

Tgt Ion: 83 Resp: 170724

Ion Ratio Lower Upper

83 100

55 76.8 63.2 94.8

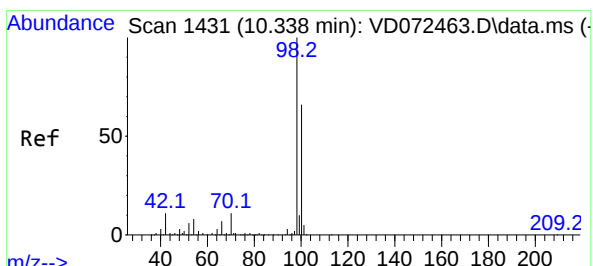
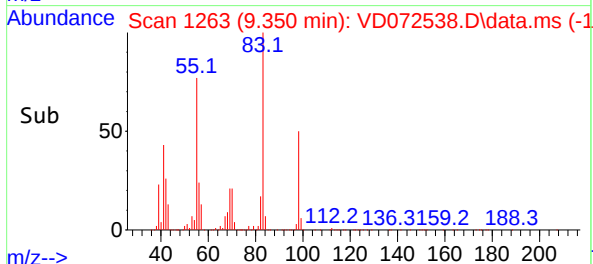
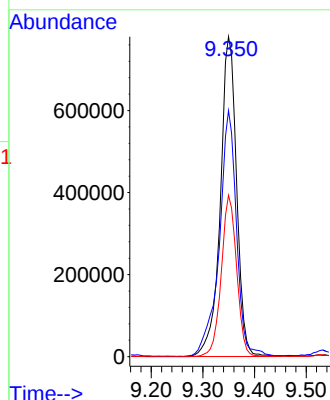
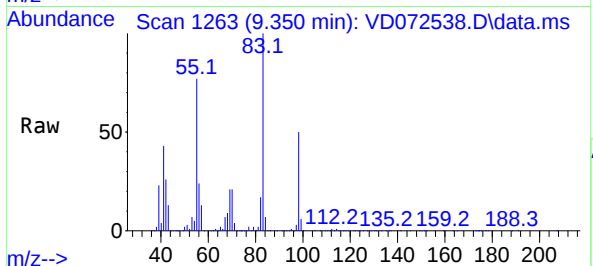
98 50.5 38.2 57.4

Manual Integrations

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Reviewed By :John Carlone 04/06/2022

Supervised By :Mahesh Dadoda 04/06/2022



#50

Toluene-d8

Concen: 47.419 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VD072538.D

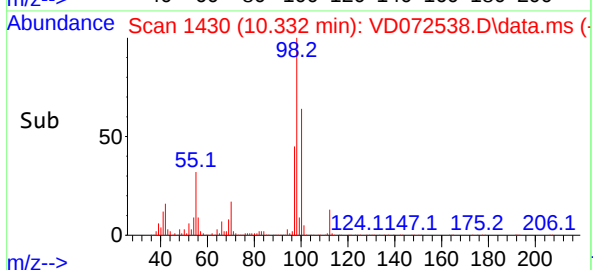
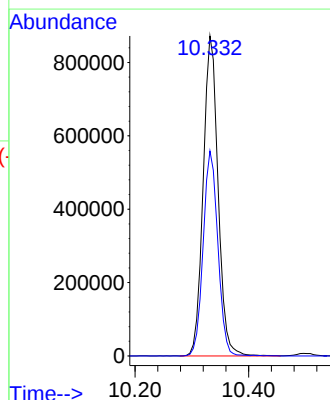
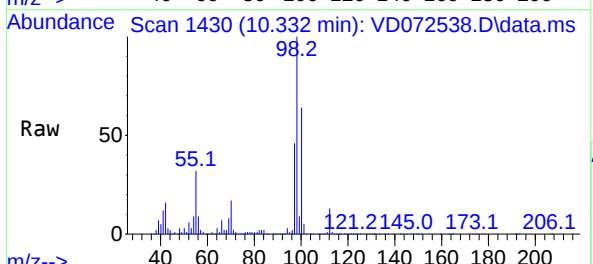
Acq: 05 Apr 2022 16:42

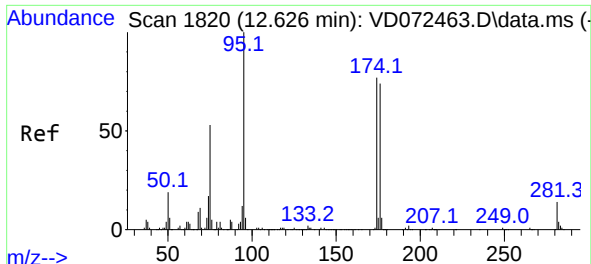
Tgt Ion: 98 Resp: 1584673

Ion Ratio Lower Upper

98 100

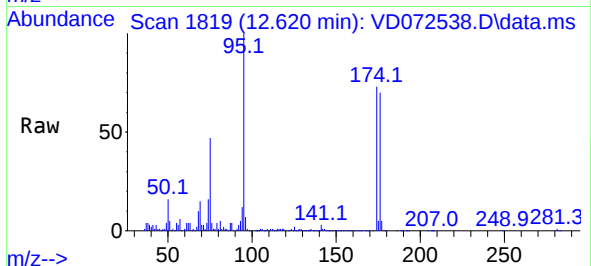
100 63.1 52.4 78.6





#62
4-Bromofluorobenzene
Concen: 39.579 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072538.D
Acq: 05 Apr 2022 16:42

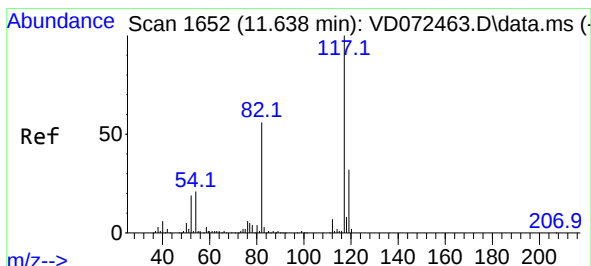
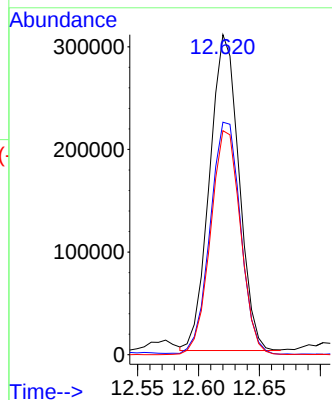
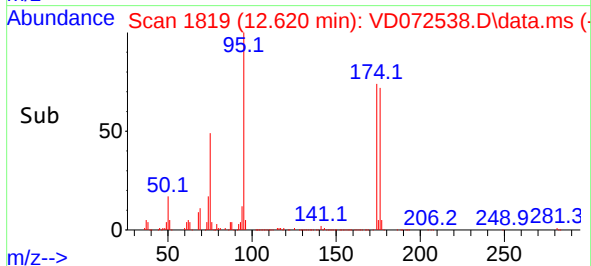
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-GR-5



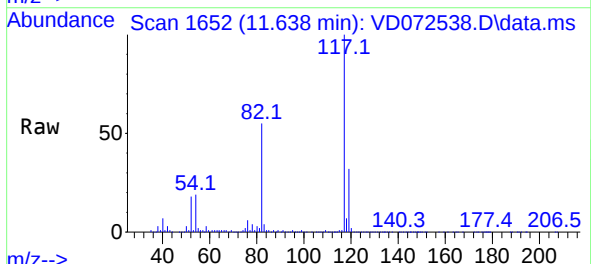
Tgt Ion: 95 Resp: 51656
Ion Ratio Lower Upper
95 100
174 76.1 0.0 152.8
176 72.5 0.0 145.4

Manual Integrations
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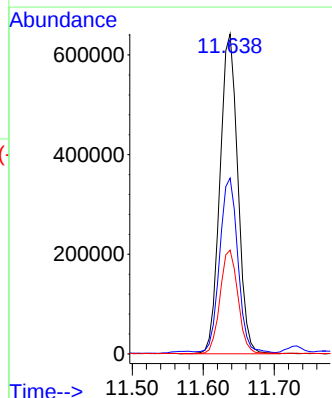
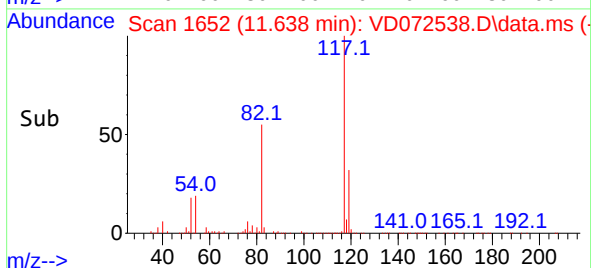
Reviewed By :John Carlone 04/06/2022
Supervised By :Mahesh Dadoda 04/06/2022

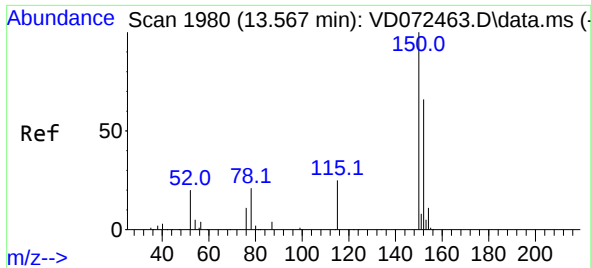


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072538.D
Acq: 05 Apr 2022 16:42



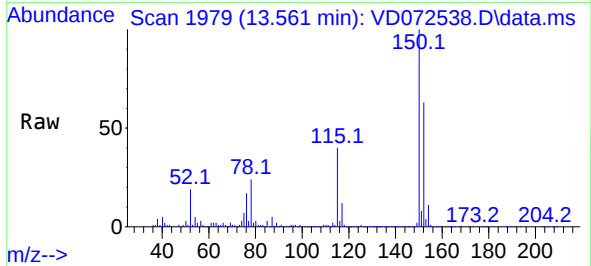
Tgt Ion:117 Resp: 1117770
Ion Ratio Lower Upper
117 100
82 54.3 45.3 67.9
119 32.3 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1980
 Delta R.T. -0.006 min
 Lab File: VD072538.D
 Acq: 05 Apr 2022 16:42

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14A-1A-4-GR-5



Tgt Ion:152 Resp: 478754
 Ion Ratio Lower Upper
 152 100
 115 61.6 31.3 93.8
 150 157.4 0.0 348.6

Manual Integrations
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 Supervised By :Mahesh Dadoda 04/06/2022

