

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062322\
 Data File : VW026547.D
 Acq On : 24 Jun 2022 11:53
 Operator : SY/MD
 Sample : N3401-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF1

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/28/2022
 Supervised By :Mahesh Dadoda 06/28/2022

Quant Time: Jun 25 02:33:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 25 02:21:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	235813	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	197217	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	104089	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	75023	3.956	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.200%
7) Chloroethane-d5	1.580	69	65134	4.275	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.600%
11) 1,1-Dichloroethene-d2	2.117	63	101058	2.999	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.000%
20) 2-Butanone-d5	3.918	46	98077	52.018	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.040%
24) Chloroform-d	4.358	84	134297	4.332	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
26) 1,2-Dichloroethane-d4	5.040	65	55287	4.630	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.056	84	278863	4.923	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	6.075	67	81469	5.230	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.600%
41) Toluene-d8	7.323	98	239050	4.693	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
43) trans-1,3-Dichloroprop...	7.628	79	23160	5.752	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	115.000%
46) 2-Hexanone-d5	8.091	63	85234	55.575	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.160%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	52940	5.195	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	88233	5.122	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						
8) Chloroethane	1.597	64	688352	48.406	ug/L	93
18) trans-1,2-Dichloroethene	2.770	96	1222	0.075	ug/L	94
19) 1,1-Dichloroethane	3.201	63	48628	1.667	ug/L	98
22) cis-1,2-Dichloroethene	3.928	96	4043	0.251	ug/L	93
29) 1,1,1-Trichloroethane	4.616	97	19612	0.808	ug/L	98
30) Cyclohexane	4.686	56	311174	16.195	ug/L	96
33) Benzene	5.111	78	20910	0.363	ug/L	100
35) Methylcyclohexane	6.137	83	294607	13.155	ug/L	93
42) Toluene	7.384	91	25418794m	427.597	ug/L	
51) Chlorobenzene	8.886	112	5010	0.129	ug/L	98
52) Ethylbenzene	9.011	91	2482117	40.373	ug/L	100
53) m,p-Xylene	9.136	106	2949253	122.969	ug/L	96
54) o-Xylene	9.542	106	991634	44.049	ug/L	99
60) Isopropylbenzene	9.931	105	2504117	39.008	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	339873	6.698	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	1540393	30.785	ug/L	100

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

Instrument :

MSVOA_V

ClientSampleId :

C0AF1

Manual Integrations

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Reviewed By :Krupa Patel 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022

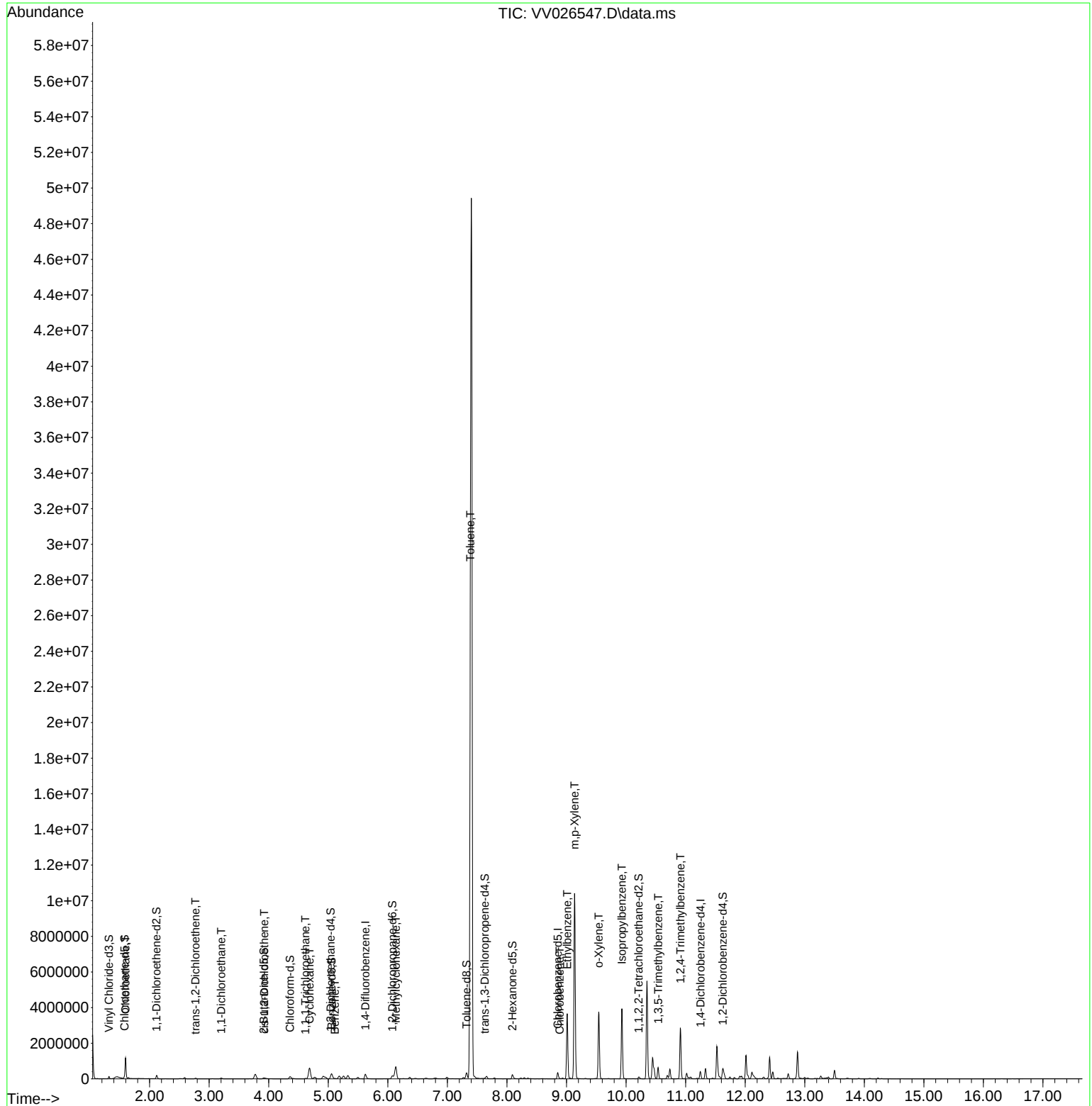
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Data File : VV026547.D
Acq On : 24 Jun 2022 11:53
Operator : SY/MD
Sample : N3401-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

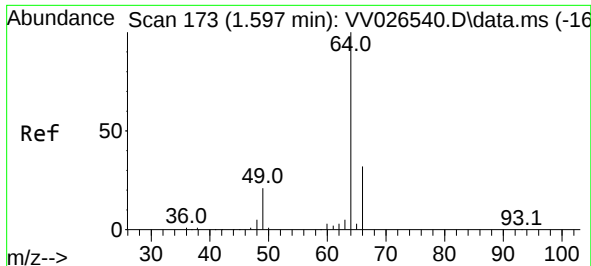
Instrument :
MSVOA_V
ClientSampleId :
C0AF1

Manual Integrations
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Reviewed By :Krupa Patel 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

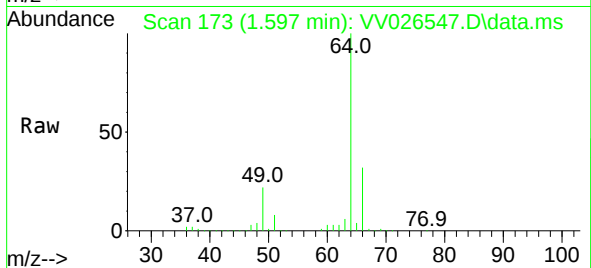
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jun 25 02:21:54 2022
Response via : Initial Calibration





#8
Chloroethane
Concen: 48.406 ug/L
RT: 1.597 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV026547.D
Acq: 24 Jun 2022 11:53

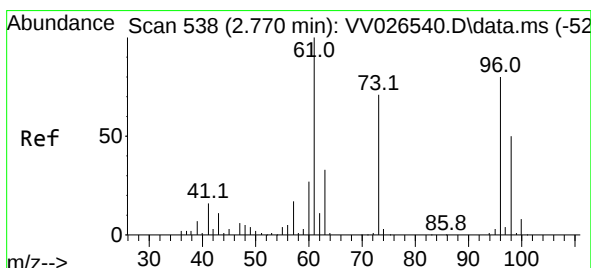
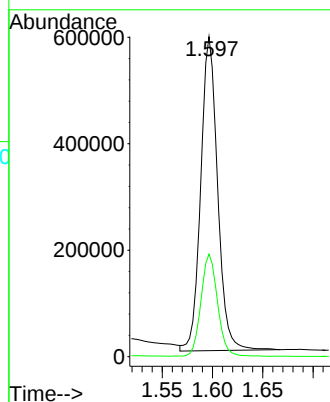
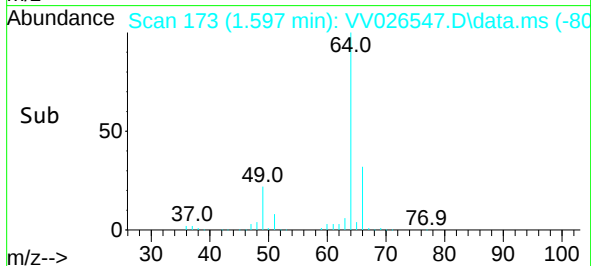
Instrument :
MSVOA_V
ClientSampleId :
C0AF1



Tgt Ion: 64 Resp: 688352
Ion Ratio Lower Upper
64 100
66 32.1 20.0 37.2

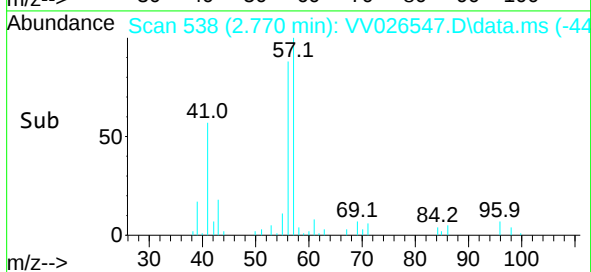
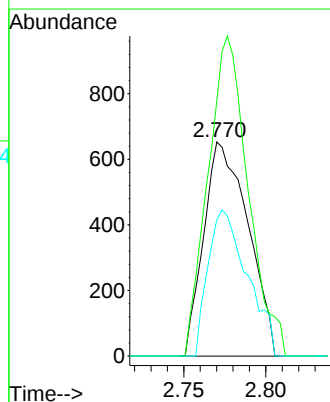
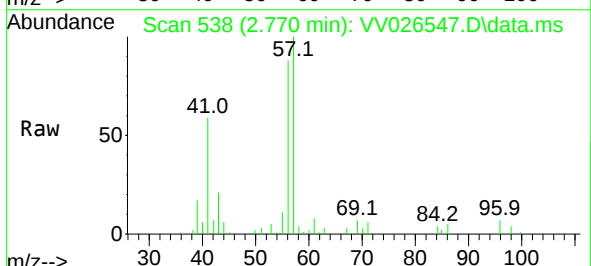
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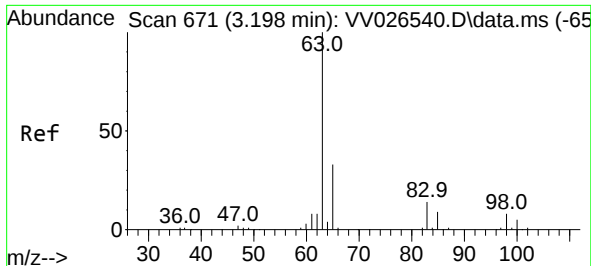
Reviewed By :Krupa Patel 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#18
trans-1,2-Dichloroethene
Concen: 0.075 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.000 min
Lab File: VV026547.D
Acq: 24 Jun 2022 11:53

Tgt Ion: 96 Resp: 1222
Ion Ratio Lower Upper
96 100
61 119.3 90.4 167.8
98 63.7 45.6 84.8





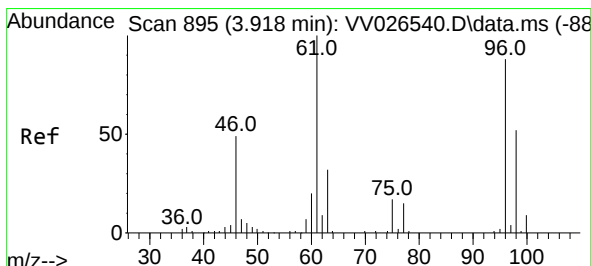
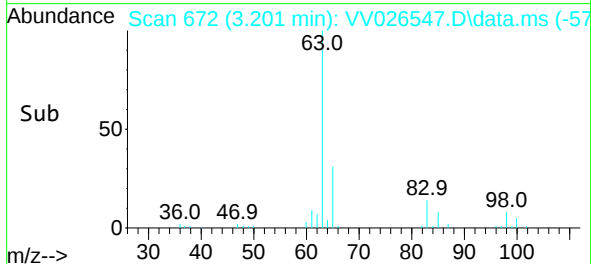
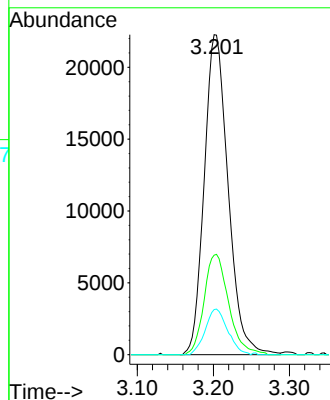
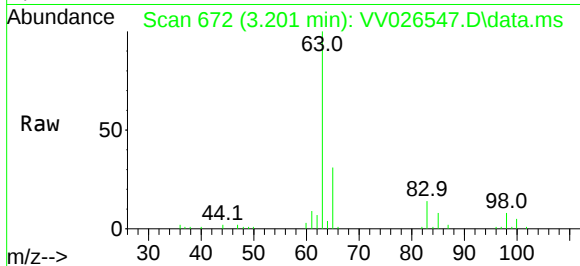
#19
1,1-Dichloroethane
Concen: 1.667 ug/L
RT: 3.201 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV026547.D
Acq: 24 Jun 2022 11:53

Instrument :
MSVOA_V
ClientSampleId :
C0AF1

Tgt Ion: 63 Resp: 48628
Ion Ratio Lower Upper
63 100
65 31.1 23.0 42.6
83 14.1 10.2 19.0

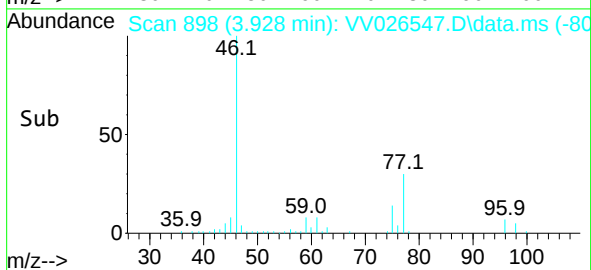
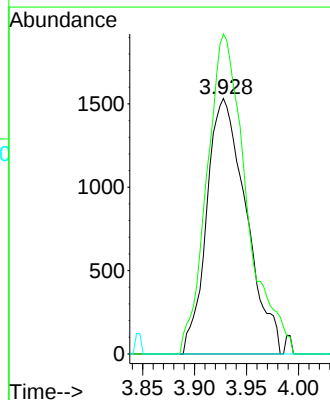
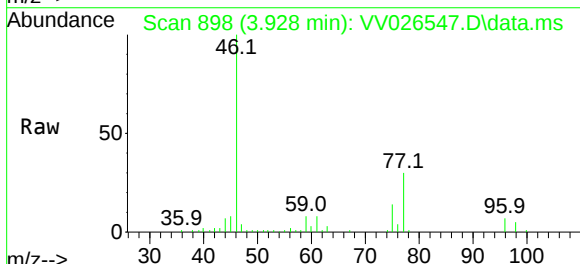
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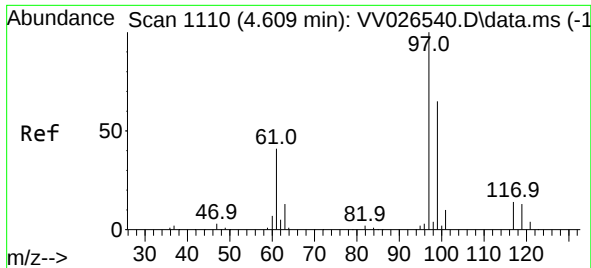
Reviewed By :Krupa Patel 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#22
cis-1,2-Dichloroethene
Concen: 0.251 ug/L
RT: 3.928 min Scan# 898
Delta R.T. 0.009 min
Lab File: VV026547.D
Acq: 24 Jun 2022 11:53

Tgt Ion: 96 Resp: 4043
Ion Ratio Lower Upper
96 100
61 125.2 82.0 152.2
68 0.0 0.0 0.0





#29

1,1,1-Trichloroethane

Concen: 0.808 ug/L

RT: 4.616 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VV026547.D

Acq: 24 Jun 2022 11:53

Instrument :

MSVOA_V

ClientSampleId :

C0AF1

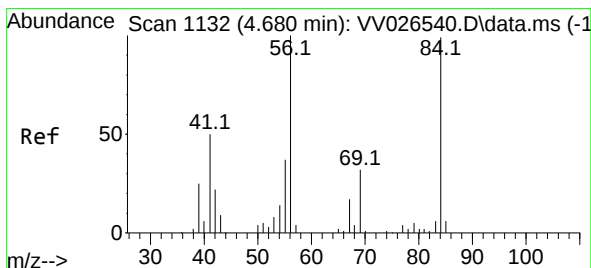
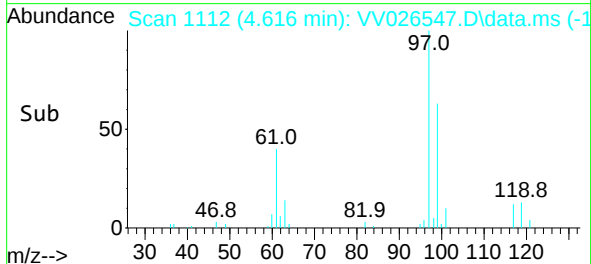
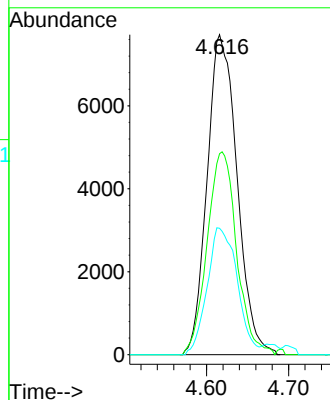
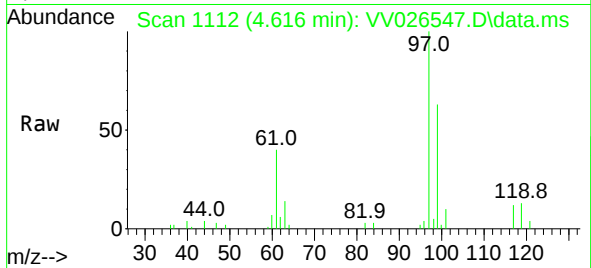
Tgt Ion: 97	Resp: 1961
Ion Ratio	Lower Upper
97 100	
99 62.6	51.0 76.4
61 39.7	33.0 49.4

Manual Integrations

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Reviewed By :Krupa Patel 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#30

Cyclohexane

Concen: 16.195 ug/L

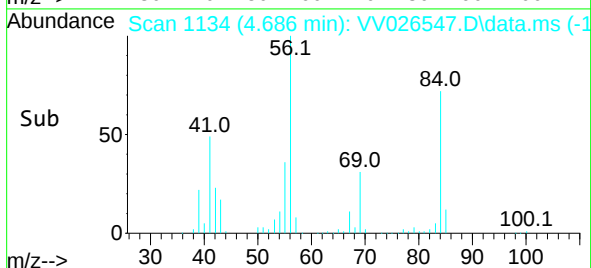
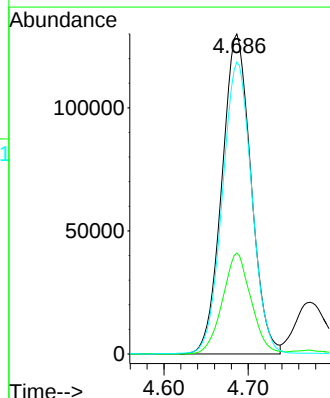
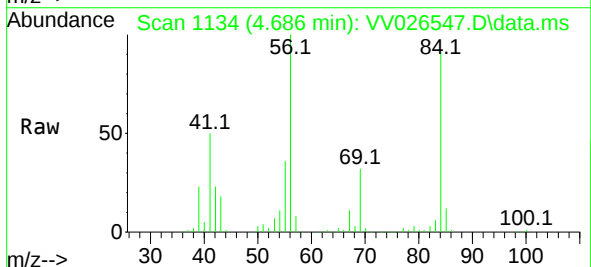
RT: 4.686 min Scan# 1134

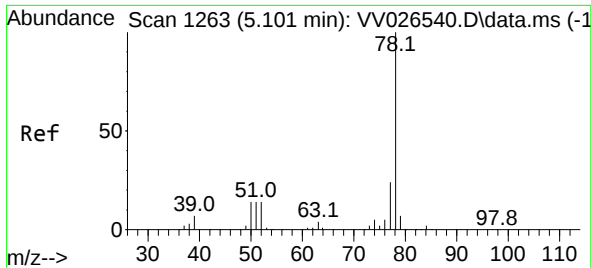
Delta R.T. 0.006 min

Lab File: VV026547.D

Acq: 24 Jun 2022 11:53

Tgt Ion: 56	Resp: 311174
Ion Ratio	Lower Upper
56 100	
69 31.0	25.4 38.2
84 92.2	77.8 116.6





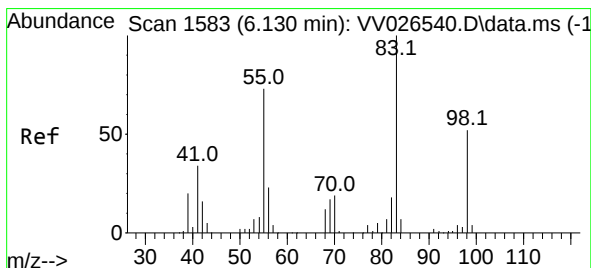
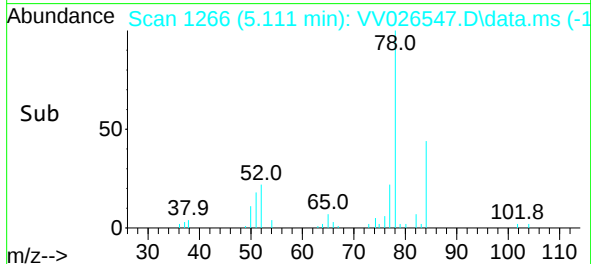
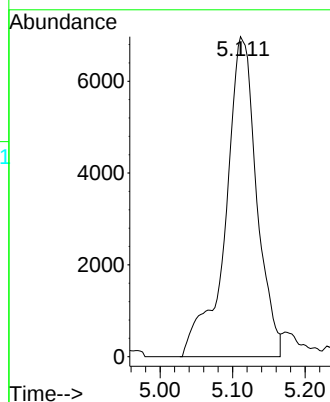
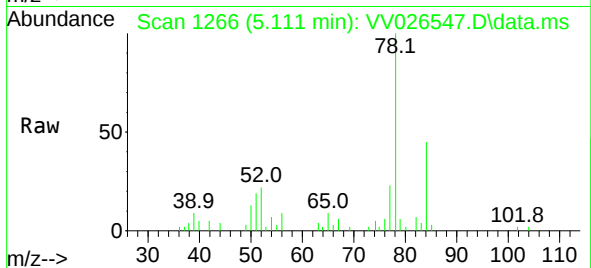
#33
Benzene
Concen: 0.363 ug/L
RT: 5.111 min Scan# 1266
Delta R.T. 0.010 min
Lab File: VV026547.D
Acq: 24 Jun 2022 11:53

Instrument :
MSVOA_V
ClientSampleId :
C0AF1

Tgt Ion: 78 Resp: 20910

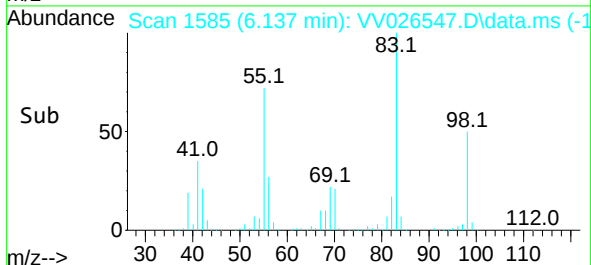
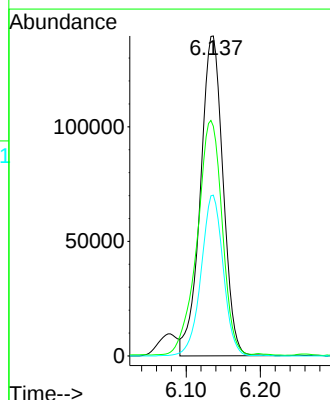
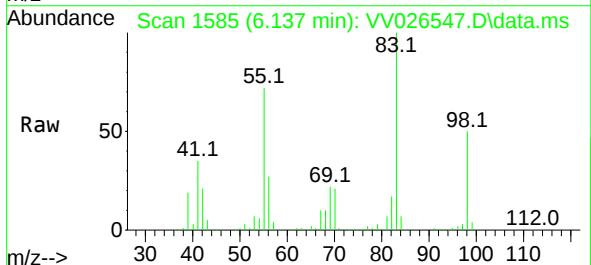
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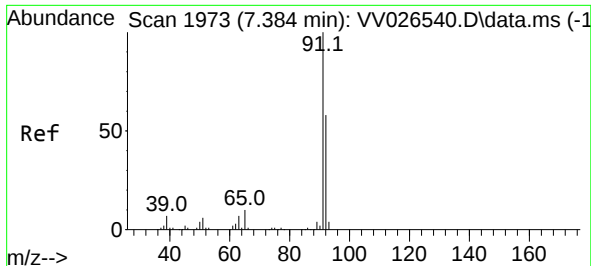
Reviewed By :Krupa Patel 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#35
Methylcyclohexane
Concen: 13.155 ug/L
RT: 6.137 min Scan# 1585
Delta R.T. 0.006 min
Lab File: VV026547.D
Acq: 24 Jun 2022 11:53

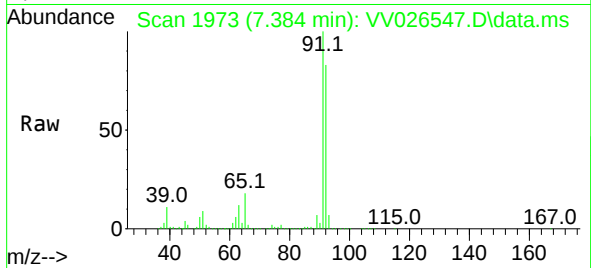
Tgt Ion: 83 Resp: 294607
Ion Ratio Lower Upper
83 100
55 81.2 57.0 85.4
98 49.3 39.8 59.8





#42
Toluene
Concen: 427.597 ug/L m
RT: 7.384 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VV026547.D
Acq: 24 Jun 2022 11:53

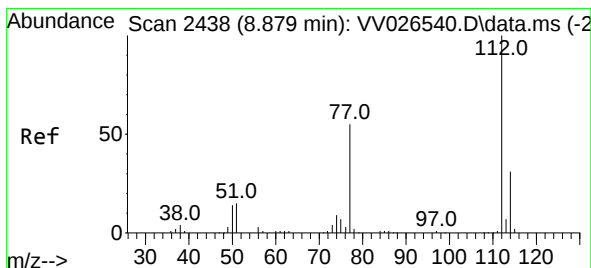
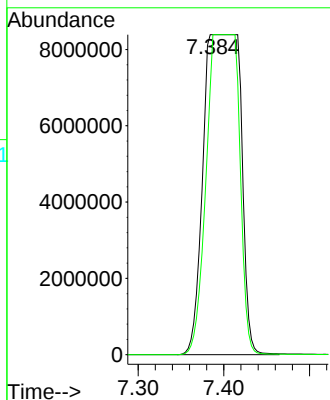
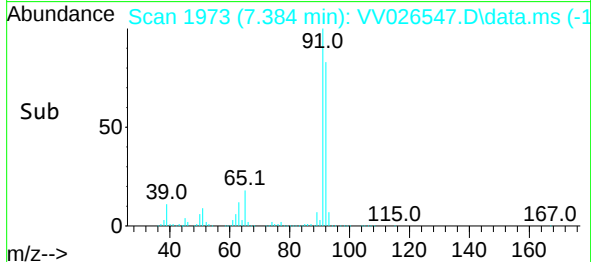
Instrument :
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ClientSampleId :
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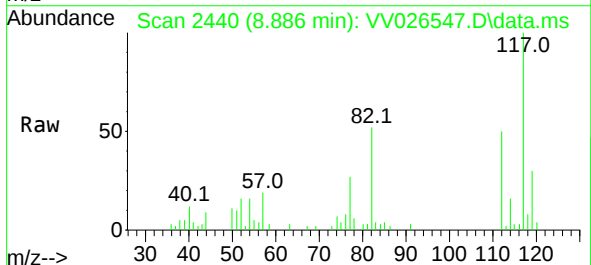
Tgt Ion: 91 Resp: 25418794
Ion Ratio Lower Upper
91 100
92 83.2 40.3 74.9

Manual Integrations
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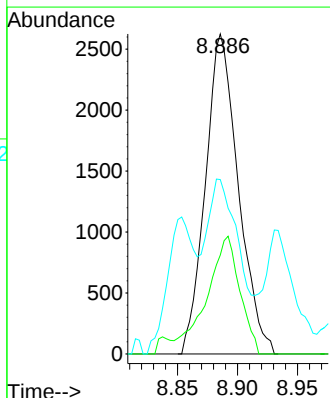
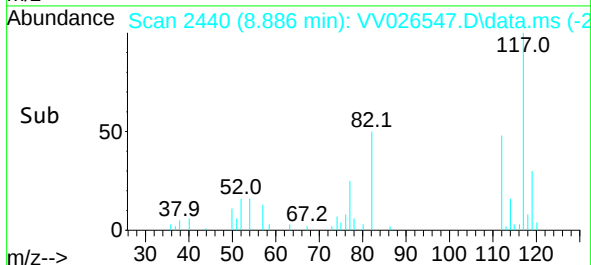
Reviewed By :Krupa Patel 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

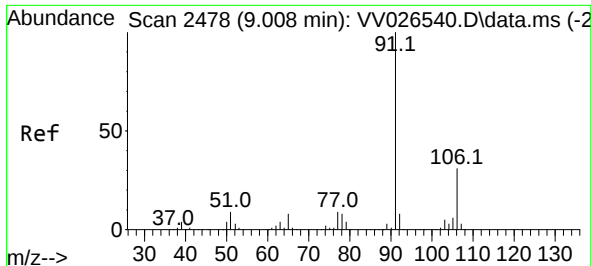


#51
Chlorobenzene
Concen: 0.129 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.006 min
Lab File: VV026547.D
Acq: 24 Jun 2022 11:53



Tgt Ion: 112 Resp: 5010
Ion Ratio Lower Upper
112 100
114 30.9 22.3 41.5
77 54.5 44.4 66.6





#52

Ethylbenzene

Concen: 40.373 ug/L

RT: 9.011 min Scan# 2478

Delta R.T. 0.003 min

Lab File: VV026547.D

Acq: 24 Jun 2022 11:53

Instrument :

MSVOA_V

ClientSampleId :

C0AF1

Tgt Ion: 91 Resp: 248211

Ion Ratio Lower Upper

91 100

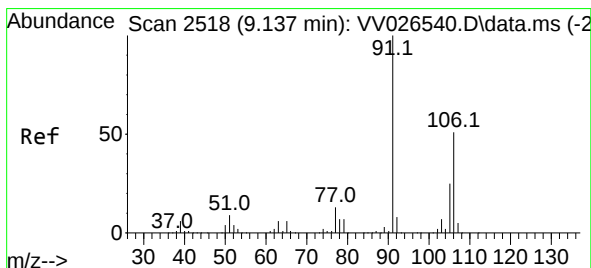
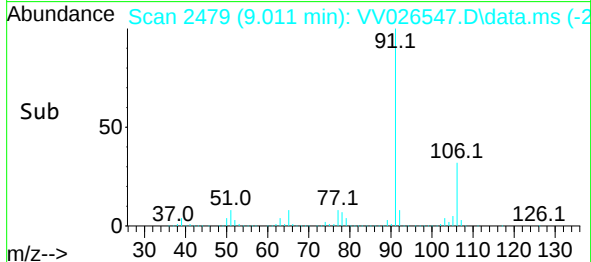
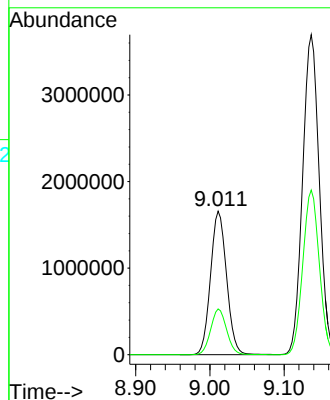
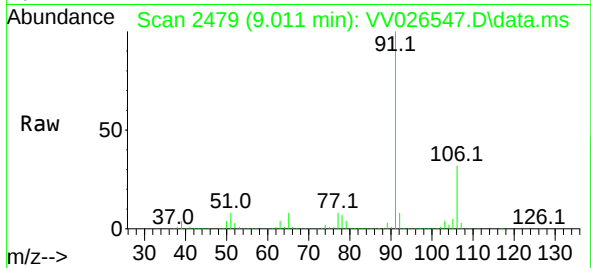
106 31.9 22.1 41.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/28/2022

Supervised By :Mahesh Dadoda 06/28/2022



#53

m,p-Xylene

Concen: 122.969 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. -0.000 min

Lab File: VV026547.D

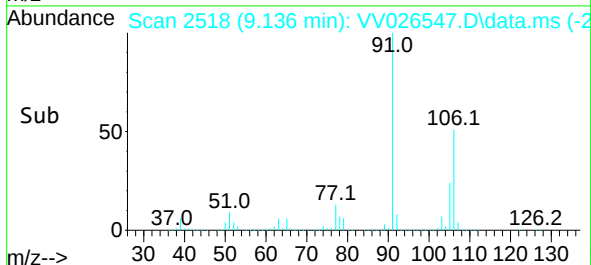
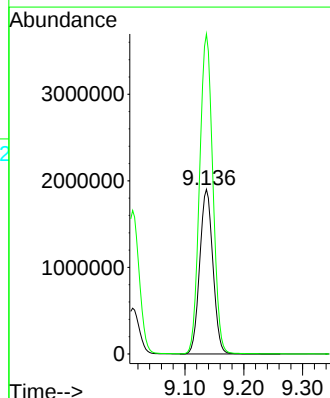
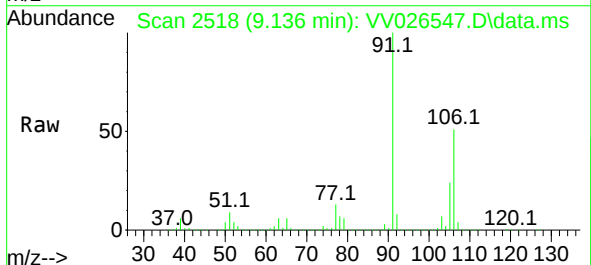
Acq: 24 Jun 2022 11:53

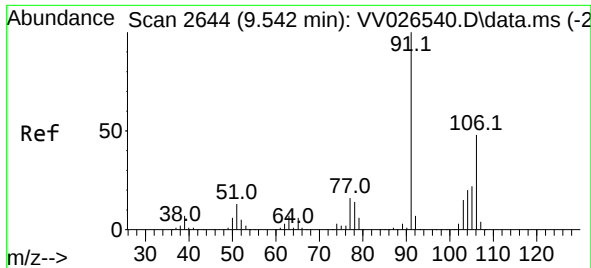
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Ion Ratio Lower Upper

106 100

91 194.4 139.9 259.9





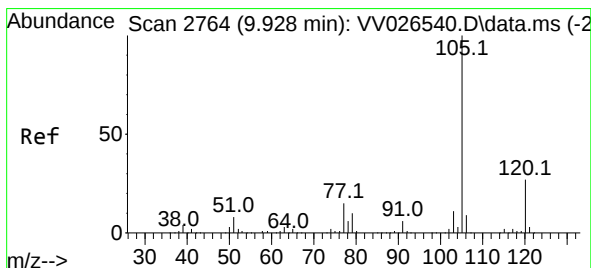
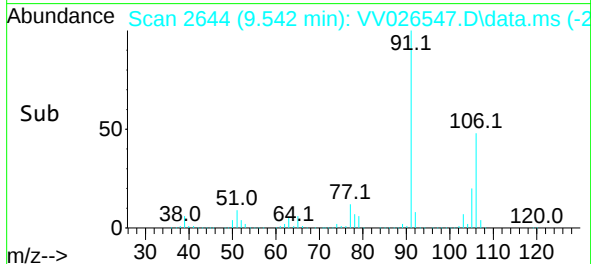
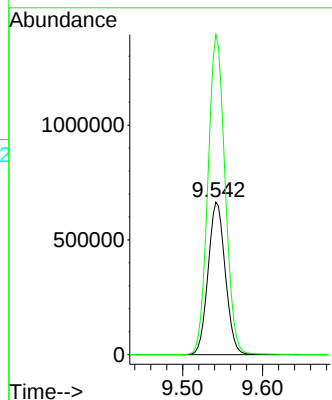
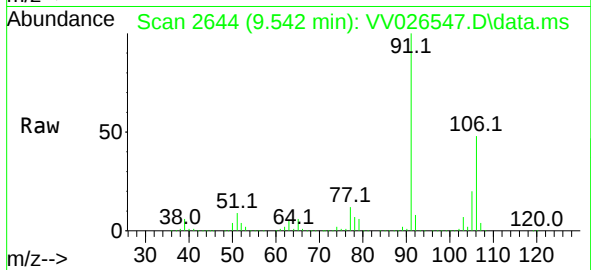
#54
o-Xylene
Concen: 44.049 ug/L
RT: 9.542 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV026547.D
Acq: 24 Jun 2022 11:53

Instrument :
MSVOA_V
ClientSampleId :
C0AF1

Tgt Ion:106 Resp: 991634
Ion Ratio Lower Upper
106 100
91 209.7 147.5 273.9

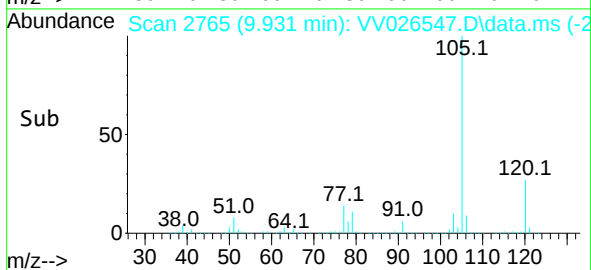
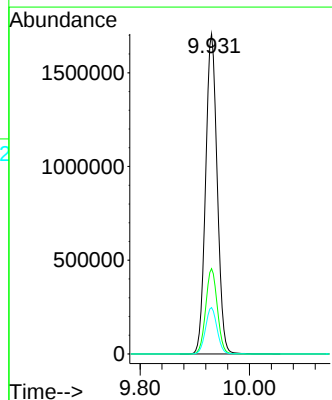
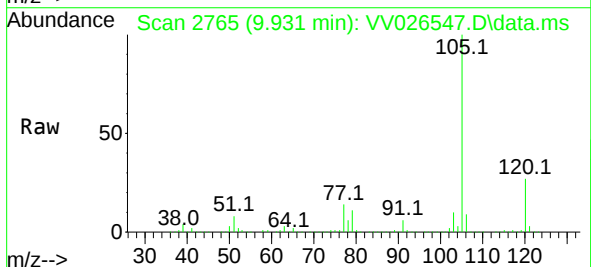
Manual Integrations
APPROVED

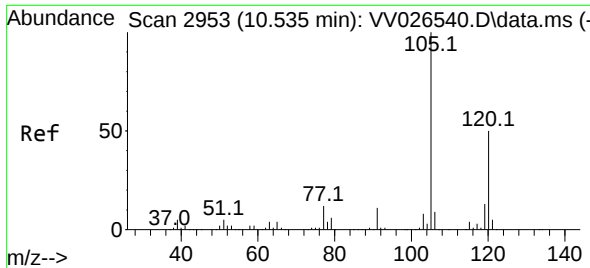
Reviewed By :Krupa Patel 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#60
Isopropylbenzene
Concen: 39.008 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.003 min
Lab File: VV026547.D
Acq: 24 Jun 2022 11:53

Tgt Ion:105 Resp: 2504117
Ion Ratio Lower Upper
105 100
120 26.7 21.4 32.2
77 14.5 11.6 17.4





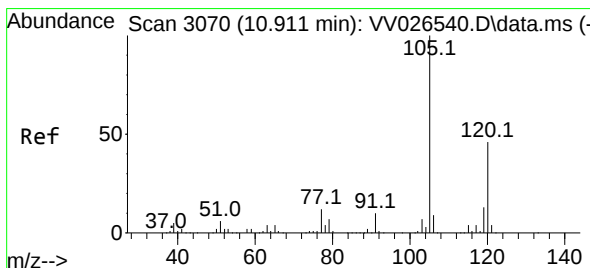
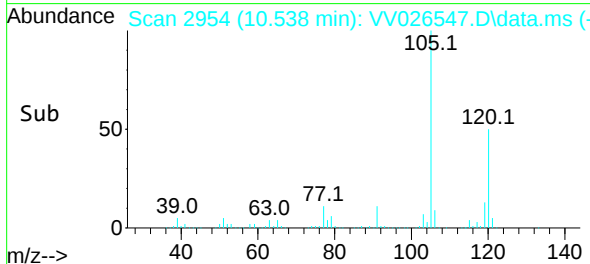
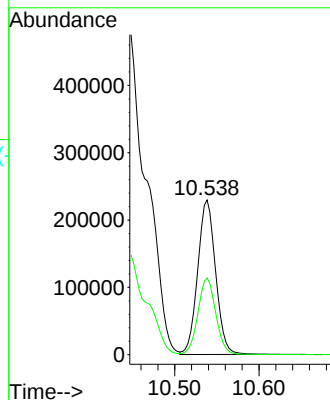
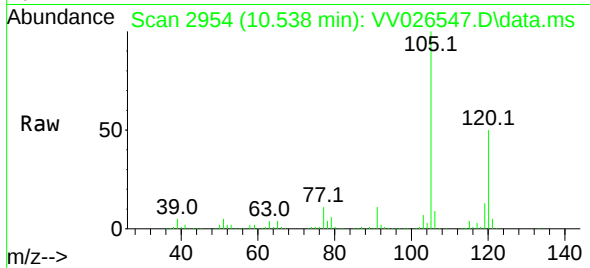
#62
1,3,5-Trimethylbenzene
Concen: 6.698 ug/L
RT: 10.538 min Scan# 2953
Delta R.T. 0.003 min
Lab File: VV026547.D
Acq: 24 Jun 2022 11:53

Instrument :
MSVOA_V
ClientSampleId :
C0AF1

Tgt Ion:105 Resp: 33987
Ion Ratio Lower Upper
105 100
120 49.1 39.6 59.4

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022



#63
1,2,4-Trimethylbenzene
Concen: 30.785 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. -0.000 min
Lab File: VV026547.D
Acq: 24 Jun 2022 11:53

Tgt Ion:105 Resp: 1540393
Ion Ratio Lower Upper
105 100
120 46.6 37.4 56.2

