

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032322\
 Data File : VW025129.D
 Acq On : 23 Mar 2022 13:59
 Operator : SY/MD
 Sample : N2044-10
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFY33

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/24/2022
 Supervised By : Mahesh Dadoda 03/24/2022

Quant Time: Mar 24 01:16:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 24 01:12:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	150519	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	140044	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	67733	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.307	65	37859	3.186	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.800%
7) Chloroethane-d5	1.568	69	36502	4.195	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.800%
11) 1,1-Dichloroethene-d2	2.108	63	56416	2.937	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.800%#
20) 2-Butanone-d5	3.915	46	75995	52.916	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.840%
24) Chloroform-d	4.352	84	84431	4.284	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
26) 1,2-Dichloroethane-d4	5.034	65	35798	4.344	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
32) Benzene-d6	5.050	84	167739	4.129	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	6.069	67	51978	4.449	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.316	98	145025	3.917	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
43) trans-1,3-Dichloroprop...	7.625	79	15645	3.842	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.800%
46) 2-Hexanone-d5	8.091	63	67769	48.786	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.580%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	32143	4.677	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	50925	4.441	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.800%

Target Compounds					Qvalue
12) 1,1-Dichloroethene	2.117	96	7332	0.765	ug/L # 1
13) Acetone	2.207	43	20571	21.417	ug/L 71
17) Methyl tert-butyl Ether	2.773	73	6364	0.305	ug/L # 1
19) 1,1-Dichloroethane	3.191	63	67852	3.455	ug/L 97
21) 2-Butanone	4.011	43	7014m	4.627	ug/L
25) Chloroform	4.381	83	5267	0.258	ug/L 93
29) 1,1,1-Trichloroethane	4.606	97	3442	0.193	ug/L 95
33) Benzene	5.101	78	83661	1.837	ug/L 100
42) Toluene	7.390	91	62327	1.307	ug/L 100
47) Tetrachloroethene	7.979	164	1494	0.175	ug/L 84
52) Ethylbenzene	9.017	91	8119	0.161	ug/L 96
53) m,p-xylene	9.146	106	3575	0.184	ug/L 87
54) o-xylene	9.548	106	2126	0.114	ug/L 97
55) Styrene	9.577	104	1897	0.063	ug/L 99
63) 1,2,4-Trimethylbenzene	10.911	105	2914	0.071	ug/L 95

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

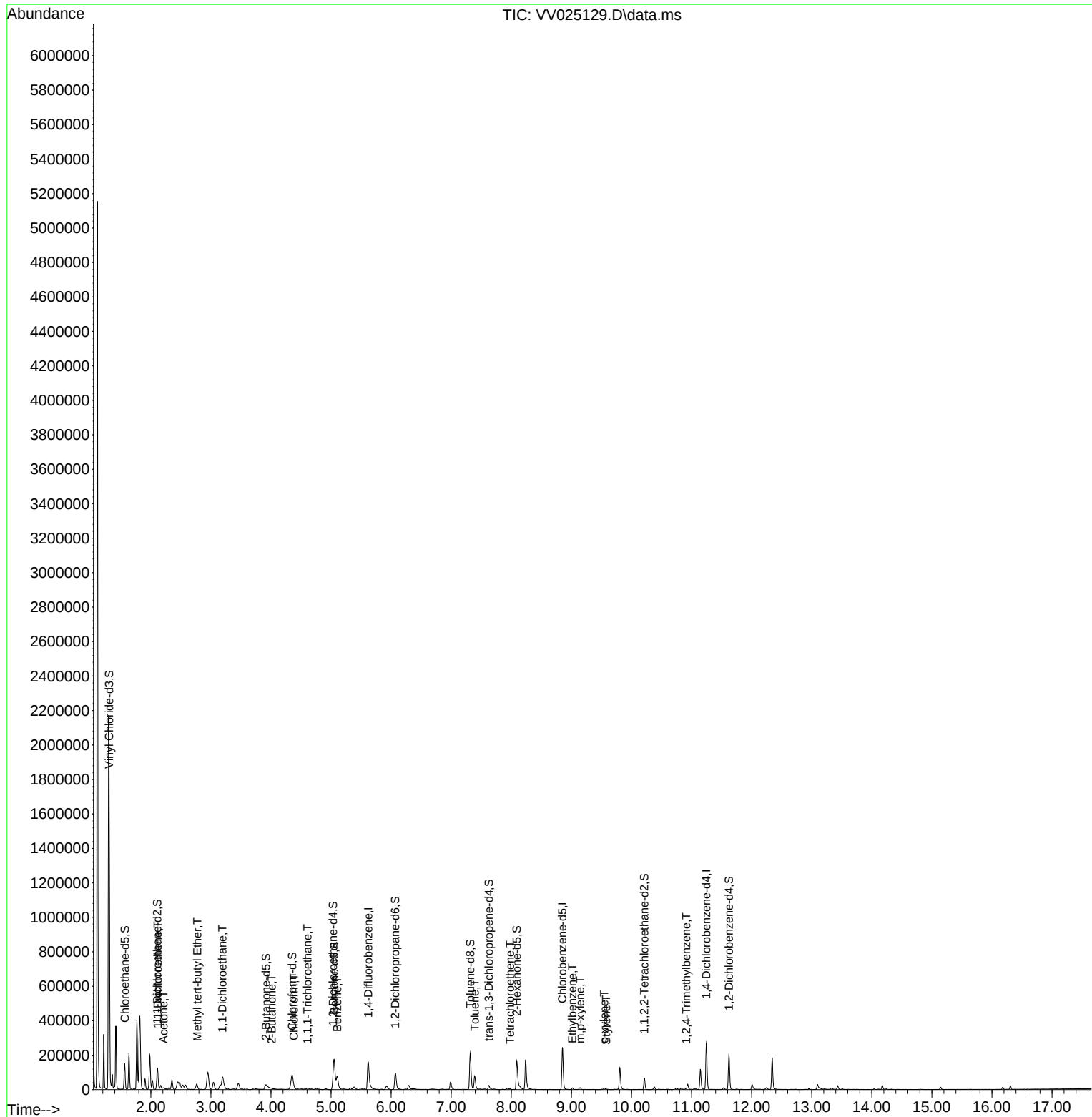
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032322\
Data File : VV025129.D
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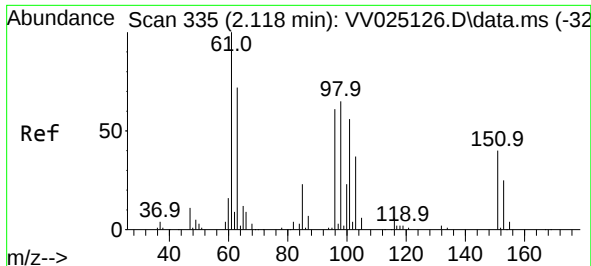
Instrument :
MSVOA_V
ClientSampleId :
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Supervised By :Mahesh Dadoda 03/24/2022

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Quant Title : TRACE VOA SFAM1.0
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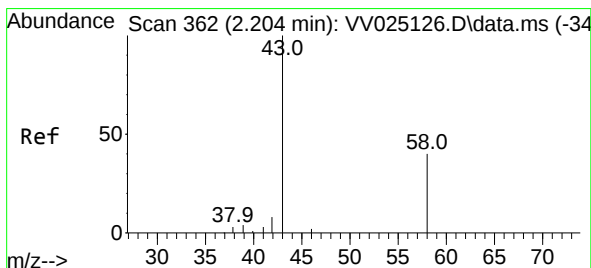
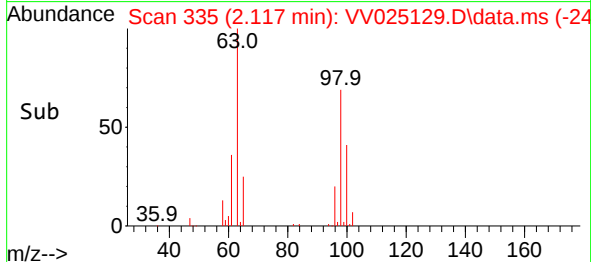
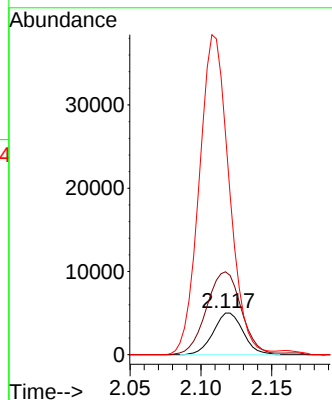
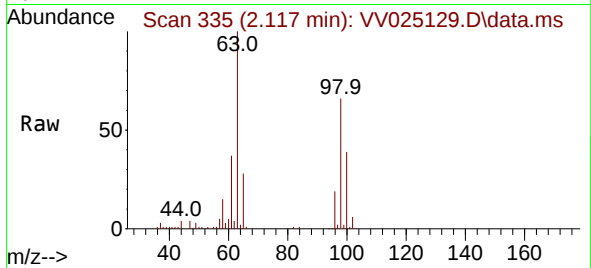
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1,1-Dichloroethene
Concen: 0.765 ug/L
RT: 2.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV025129.D
Acq: 23 Mar 2022 13:59

Instrument :
MSVOA_V
ClientSampleId :
BFY33

Tgt Ion: 96 Resp: 7332
Ion Ratio Lower Upper
96 100
61 199.0 113.0 209.9
63 530.8 82.1 152.5

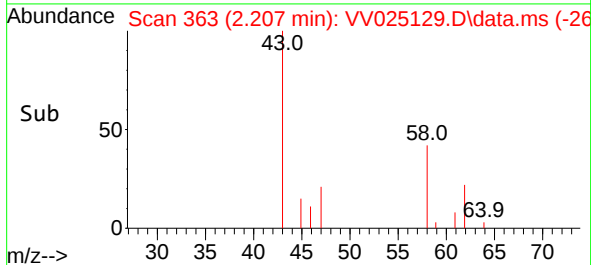
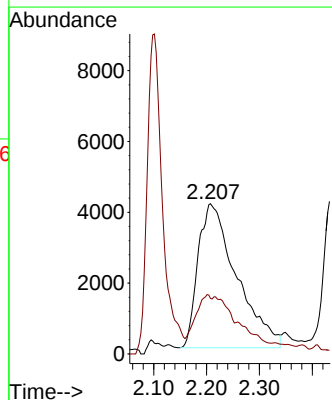
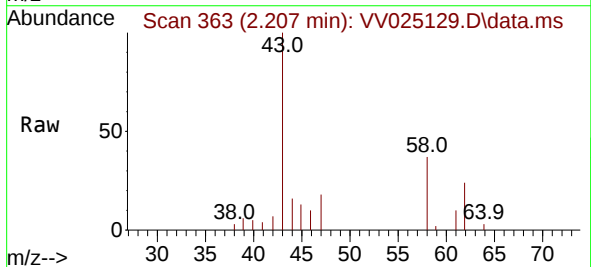
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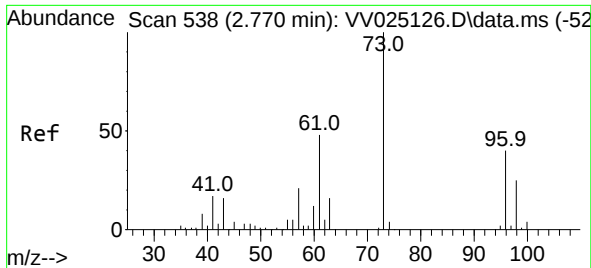
Reviewed By :Semsettin Yesilyurt 03/24/2022
Supervised By :Mahesh Dadoda 03/24/2022



#13
Acetone
Concen: 21.417 ug/L
RT: 2.207 min Scan# 363
Delta R.T. 0.003 min
Lab File: VV025129.D
Acq: 23 Mar 2022 13:59

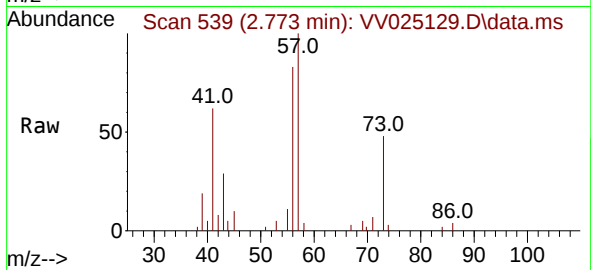
Tgt Ion: 43 Resp: 20571
Ion Ratio Lower Upper
43 100
58 11.9 0.0 54.2





#17
Methyl tert-butyl Ether
Concen: 0.305 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV025129.D
Acq: 23 Mar 2022 13:59

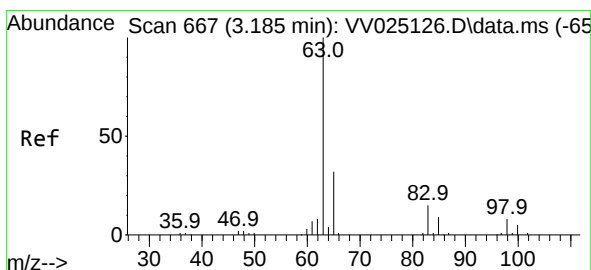
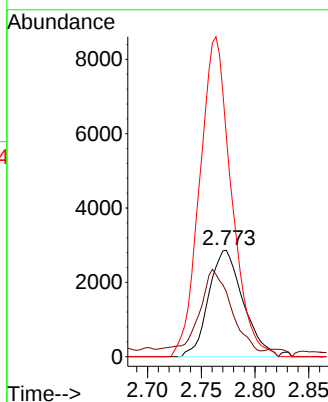
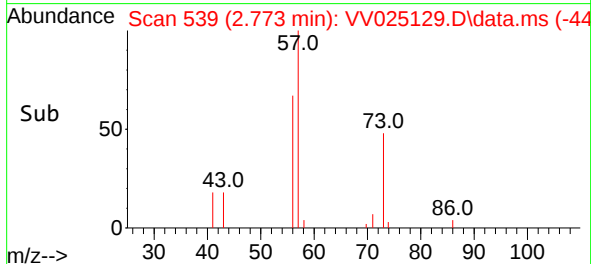
Instrument :
MSVOA_V
ClientSampleId :
BFY33



Tgt Ion: 73 Resp: 6364
Ion Ratio Lower Upper
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43 71.9 13.2 19.8
57 277.2 16.7 25.1

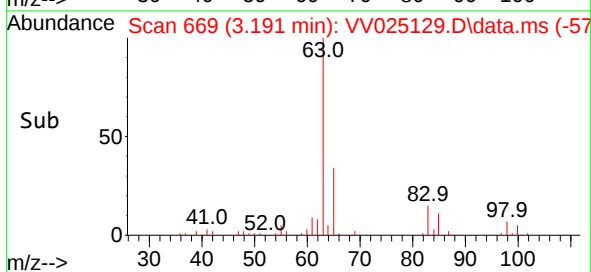
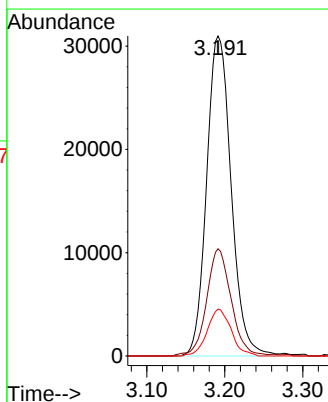
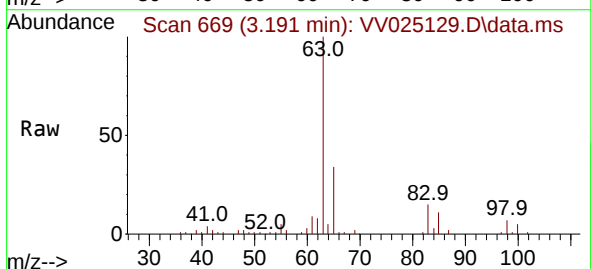
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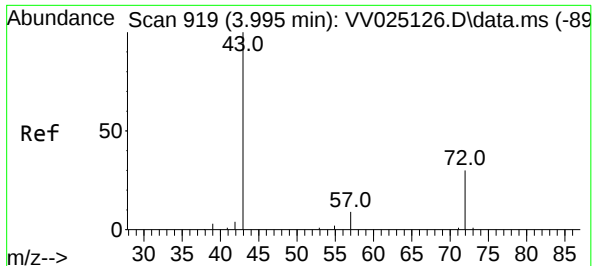
Reviewed By :Semsettin Yesilyurt 03/24/2022
Supervised By :Mahesh Dadoda 03/24/2022



#19
1,1-Dichloroethane
Concen: 3.455 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.006 min
Lab File: VV025129.D
Acq: 23 Mar 2022 13:59

Tgt Ion: 63 Resp: 67852
Ion Ratio Lower Upper
63 100
65 33.5 22.2 41.2
83 14.6 9.4 17.4





#21

2-Butanone

Concen: 4.627 ug/L m

RT: 4.011 min Scan# 91

Delta R.T. 0.016 min

Lab File: VV025129.D

Acq: 23 Mar 2022 13:59

Instrument :

MSVOA_V

ClientSampleId :

BFY33

Tgt Ion: 43 Resp: 7014

Ion Ratio Lower Upper

43 100

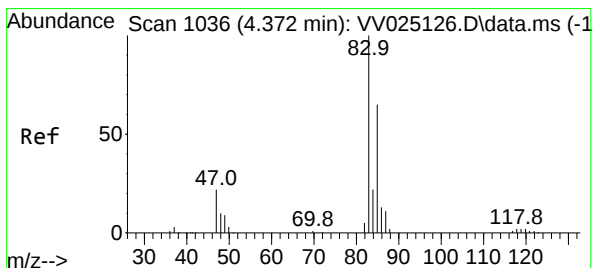
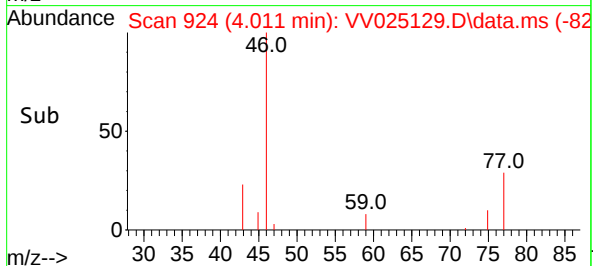
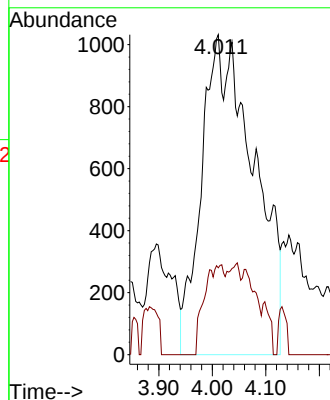
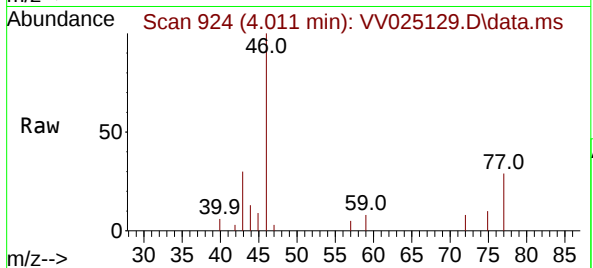
72 5.5 10.4 31.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/24/2022

Supervised By :Mahesh Dadoda 03/24/2022



#25

Chloroform

Concen: 0.258 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. 0.009 min

Lab File: VV025129.D

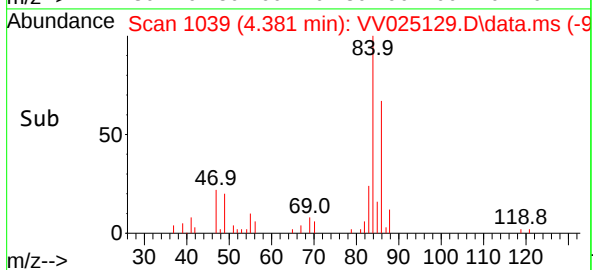
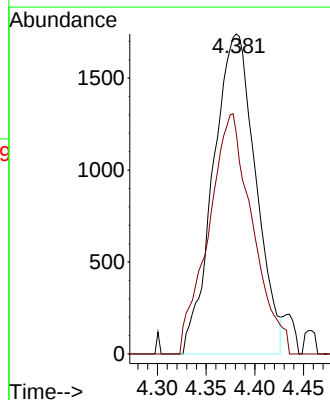
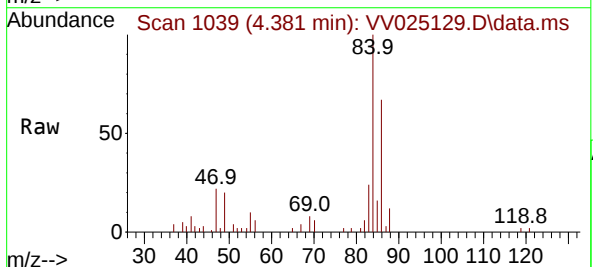
Acq: 23 Mar 2022 13:59

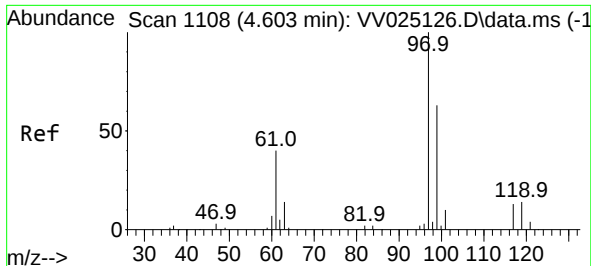
Tgt Ion: 83 Resp: 5267

Ion Ratio Lower Upper

83 100

85 68.9 44.5 82.7





#29

1,1,1-Trichloroethane

Concen: 0.193 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. 0.003 min

Lab File: VV025129.D

Acq: 23 Mar 2022 13:59

Instrument :

MSVOA_V

ClientSampleId :

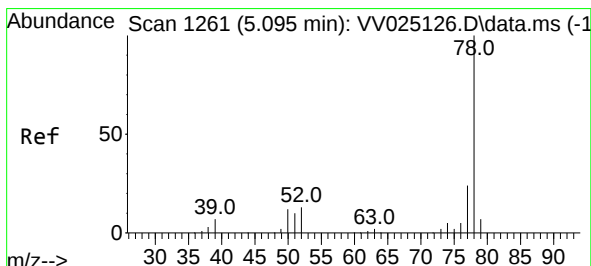
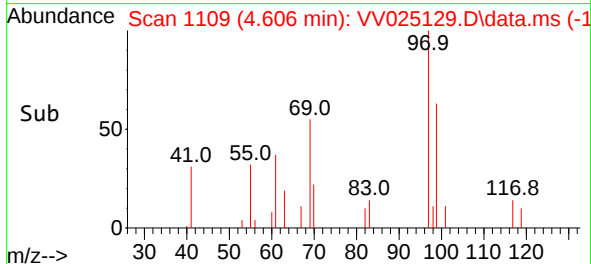
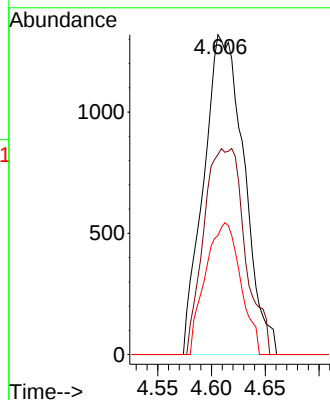
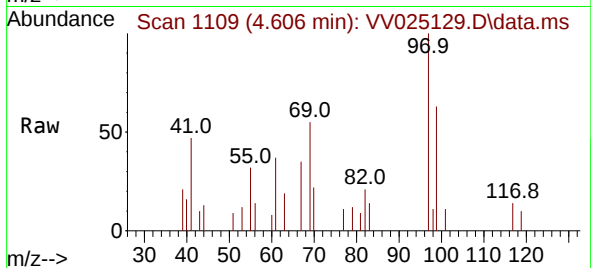
BFY33

Tgt Ion: 97	Resp: 344
Ion Ratio	Lower Upper
97 100	
99 65.7	50.7 76.1
61 35.9	32.4 48.6

Manual Integrations

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#33

Benzene

Concen: 1.837 ug/L

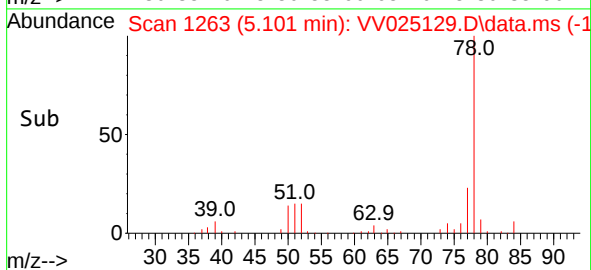
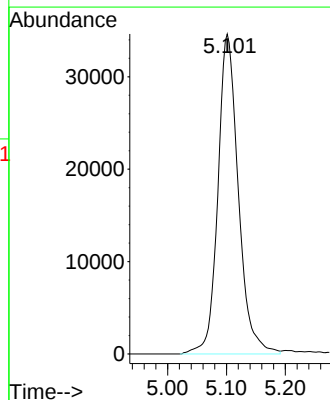
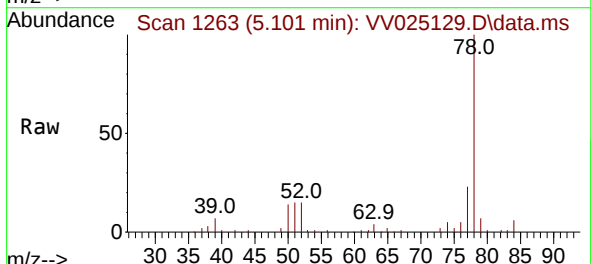
RT: 5.101 min Scan# 1263

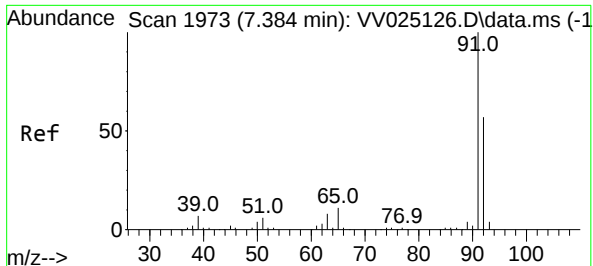
Delta R.T. 0.006 min

Lab File: VV025129.D

Acq: 23 Mar 2022 13:59

Tgt Ion: 78 Resp: 83661





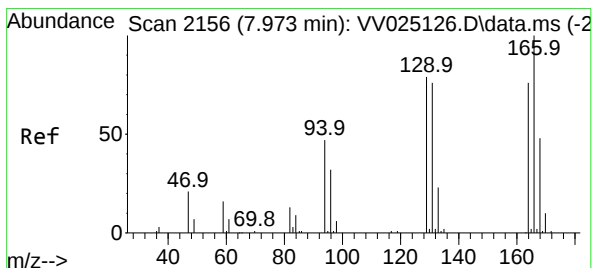
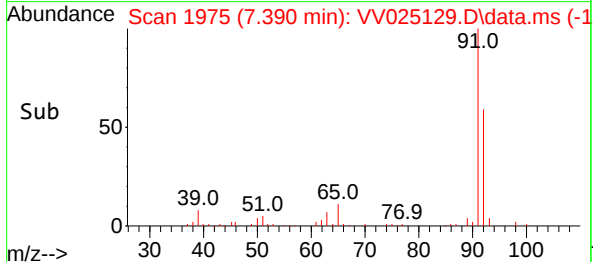
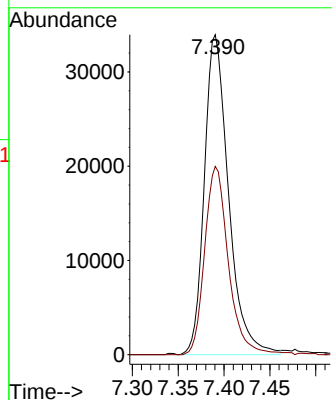
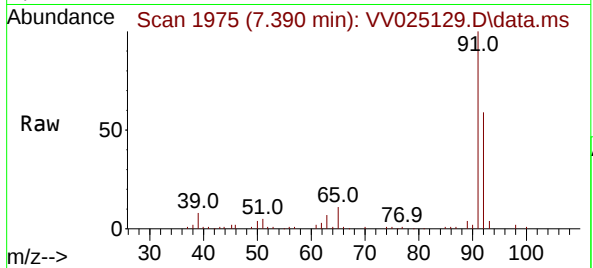
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Toluene
Concen: 1.307 ug/L
RT: 7.390 min Scan# 1973
Delta R.T. 0.006 min
Lab File: VV025129.D
Acq: 23 Mar 2022 13:59

Instrument :
MSVOA_V
ClientSampleId :
BFY33

Tgt Ion: 91 Resp: 6232
Ion Ratio Lower Upper
91 100
92 58.9 41.2 76.4

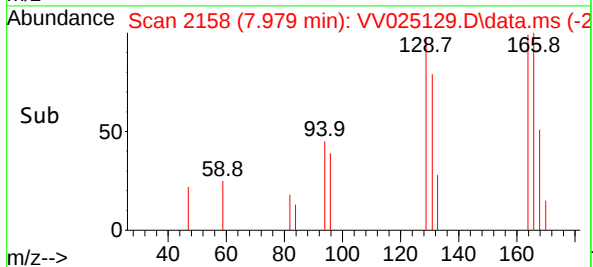
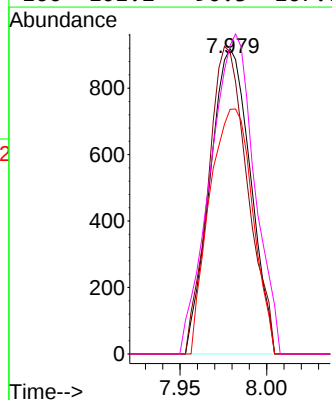
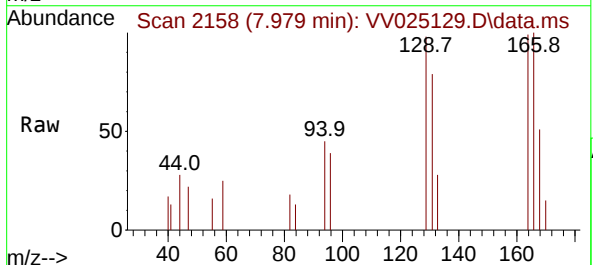
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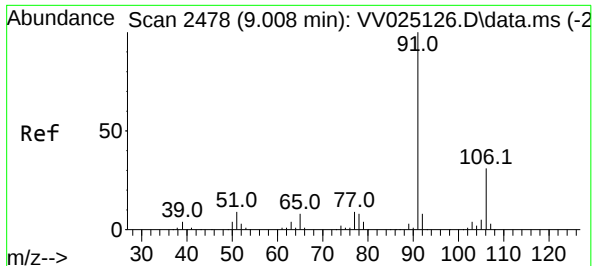
Reviewed By :Semsettin Yesilyurt 03/24/2022
Supervised By :Mahesh Dadoda 03/24/2022



#47
Tetrachloroethene
Concen: 0.175 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.006 min
Lab File: VV025129.D
Acq: 23 Mar 2022 13:59

Tgt Ion:164 Resp: 1494
Ion Ratio Lower Upper
164 100
129 98.9 70.3 130.7
131 80.2 69.4 129.0
166 101.2 90.3 167.7





#52

Ethylbenzene

Concen: 0.161 ug/L

RT: 9.017 min Scan# 2478

Delta R.T. 0.009 min

Lab File: VV025129.D

Acq: 23 Mar 2022 13:59

Instrument :

MSVOA_V

ClientSampleId :

BFY33

Tgt Ion: 91 Resp: 8119

Ion Ratio Lower Upper

91 100

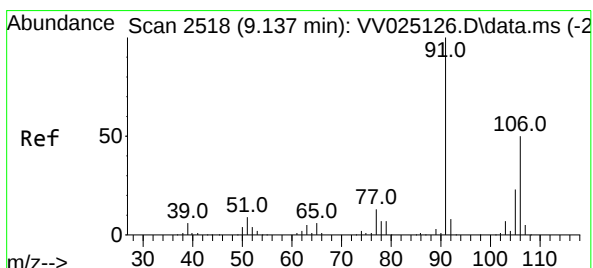
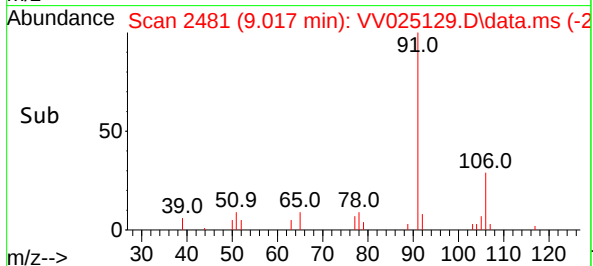
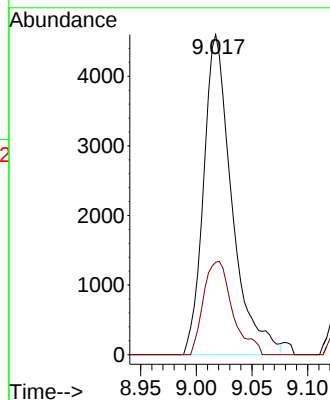
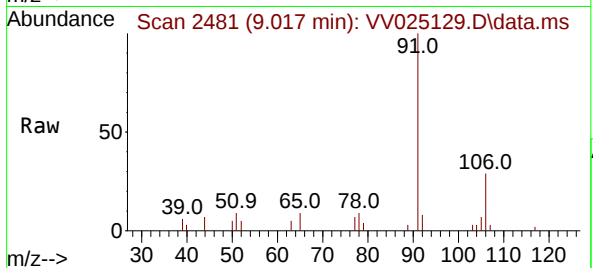
106 28.8 21.9 40.7

Manual Integrations

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Supervised By :Mahesh Dadoda 03/24/2022



#53

m,p-xylene

Concen: 0.184 ug/L

RT: 9.146 min Scan# 2521

Delta R.T. 0.009 min

Lab File: VV025129.D

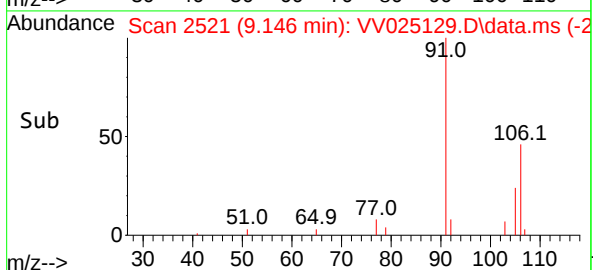
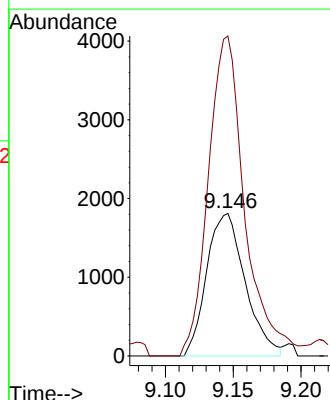
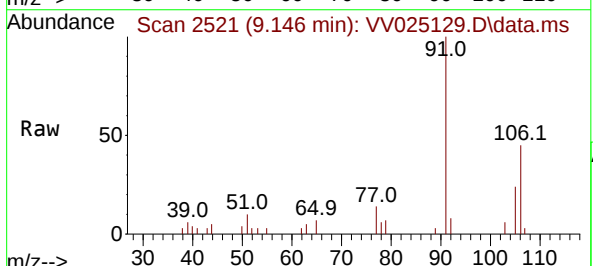
Acq: 23 Mar 2022 13:59

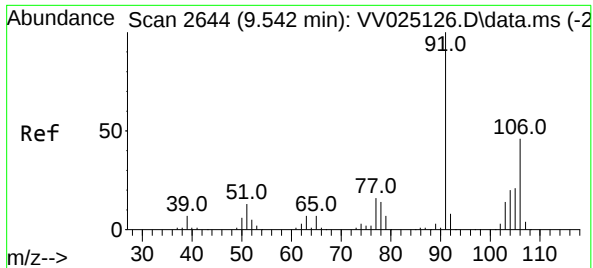
Tgt Ion:106 Resp: 3575

Ion Ratio Lower Upper

106 100

91 224.4 143.4 266.4





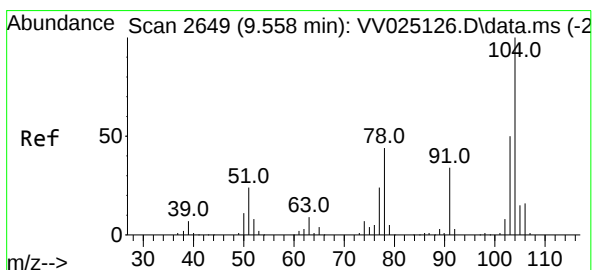
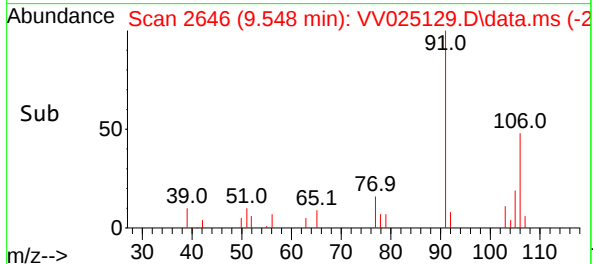
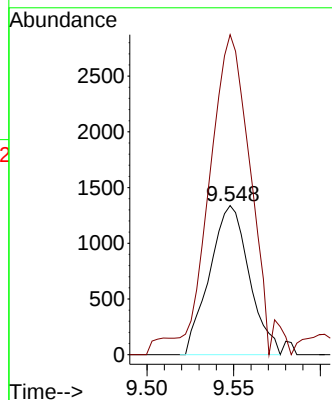
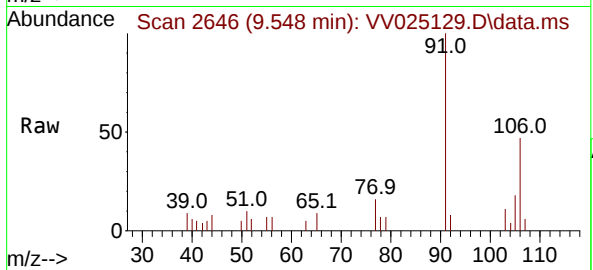
#54
o-xylene
Concen: 0.114 ug/L
RT: 9.548 min Scan# 2644
Delta R.T. 0.006 min
Lab File: VV025129.D
Acq: 23 Mar 2022 13:59

Instrument :
MSVOA_V
ClientSampleId :
BFY33

Tgt Ion:106 Resp: 2120
Ion Ratio Lower Upper
106 100
91 214.6 146.7 272.5

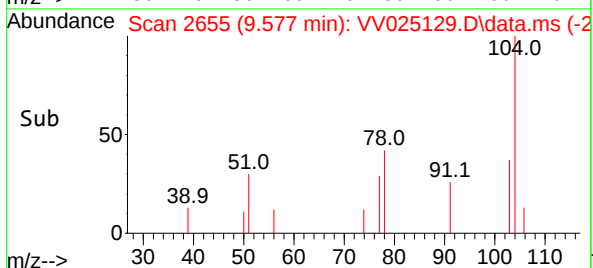
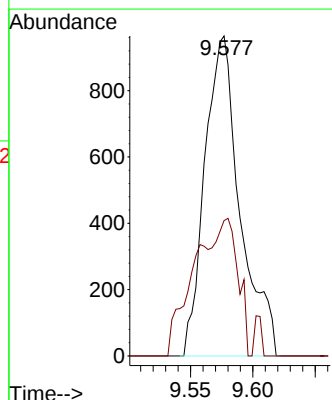
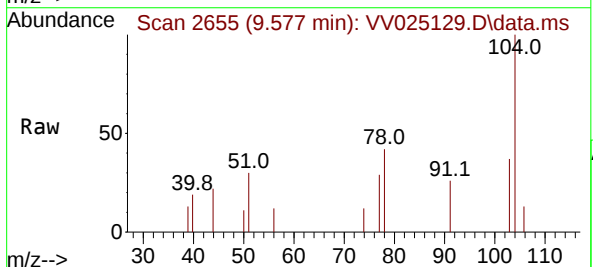
Manual Integrations
APPROVED

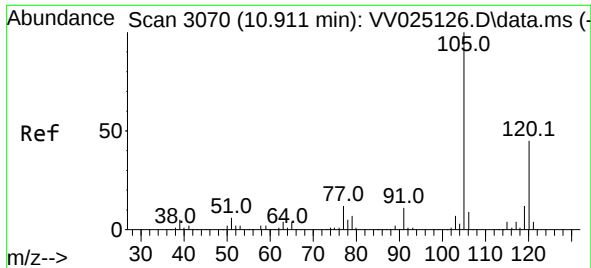
Reviewed By :Semsettin Yesilyurt 03/24/2022
Supervised By :Mahesh Dadoda 03/24/2022



#55
Styrene
Concen: 0.063 ug/L
RT: 9.577 min Scan# 2655
Delta R.T. 0.019 min
Lab File: VV025129.D
Acq: 23 Mar 2022 13:59

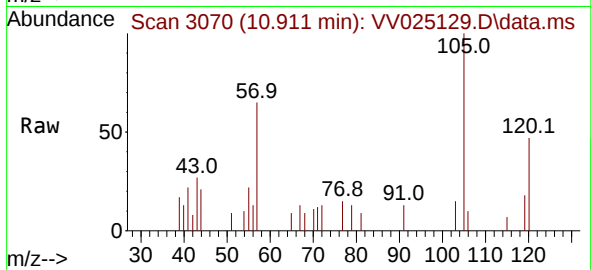
Tgt Ion:104 Resp: 1897
Ion Ratio Lower Upper
104 100
78 42.3 30.2 56.2





#63
 1,2,4-Trimethylbenzene
 Concen: 0.071 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. -0.000 min
 Lab File: VV025129.D
 Acq: 23 Mar 2022 13:59

Instrument :
 MSVOA_V
 ClientSampleId :
 BFY33



Tgt Ion:105 Resp: 2914
 Ion Ratio Lower Upper
 105 100
 120 41.4 35.8 53.8

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/24/2022
 Supervised By :Mahesh Dadoda 03/24/2022

