

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110921\
 Data File : VW023338.D
 Acq On : 10 Nov 2021 17:39
 Operator : SY/MD
 Sample : M4558-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB871

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/11/2021
 Supervised By : Mahesh Dadoda 11/11/2021

Quant Time: Nov 11 00:44:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 11 00:38:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	154475	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	148019	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	76894	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	27063	2.797	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.000%
7) Chloroethane-d5	1.568	69	28626	3.629	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.600%
11) 1,1-Dichloroethene-d2	2.108	63	42084	2.323	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	46.400%#
20) 2-Butanone-d5	3.896	46	93091	55.836	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.680%
24) Chloroform-d	4.352	84	86558	4.197	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
26) 1,2-Dichloroethane-d4	5.050	65	39660	4.276	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
32) Benzene-d6	5.059	84	159202	4.192	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
36) 1,2-Dichloropropane-d6	6.072	67	50992	4.561	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.317	98	142235	3.997	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
43) trans-1,3-Dichloroprop...	7.625	79	15292	3.607	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.200%
46) 2-Hexanone-d5	8.088	63	89047	57.091	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.180%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37317	4.641	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	59205	4.624	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	27387	2.141	ug/L	99
8) Chloroethane	1.587	64	4061	0.550	ug/L	98
13) Acetone	2.201	43	6086m	5.974	ug/L	
18) trans-1,2-Dichloroethene	2.764	96	7235	0.639	ug/L	92
22) cis-1,2-Dichloroethene	3.912	96	545799	50.082	ug/L #	91
30) Cyclohexane	4.683	56	1669703	103.651	ug/L	99
33) Benzene	5.098	78	32207188m	778.484	ug/L	
34) Trichloroethene	5.921	95	14093	1.281	ug/L	97
35) Methylcyclohexane	6.133	83	409440	23.578	ug/L	88
42) Toluene	7.391	91	191524	4.328	ug/L	98
52) Ethylbenzene	9.011	91	259338	5.557	ug/L	97
53) m,p-xylene	9.143	106	136405	7.447	ug/L	99
54) o-xylene	9.548	106	3078	0.179	ug/L	94
60) Isopropylbenzene	9.931	105	585388	13.267	ug/L	100
62) 1,3,5-Trimethylbenzene	10.542	105	14929m	0.408	ug/L	
63) 1,2,4-Trimethylbenzene	10.915	105	63216	1.736	ug/L	100

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

Instrument :

MSVOA_V

ClientSampleId :

GB871

Manual Integrations

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Supervised By :Mahesh Dadoda 11/11/2021

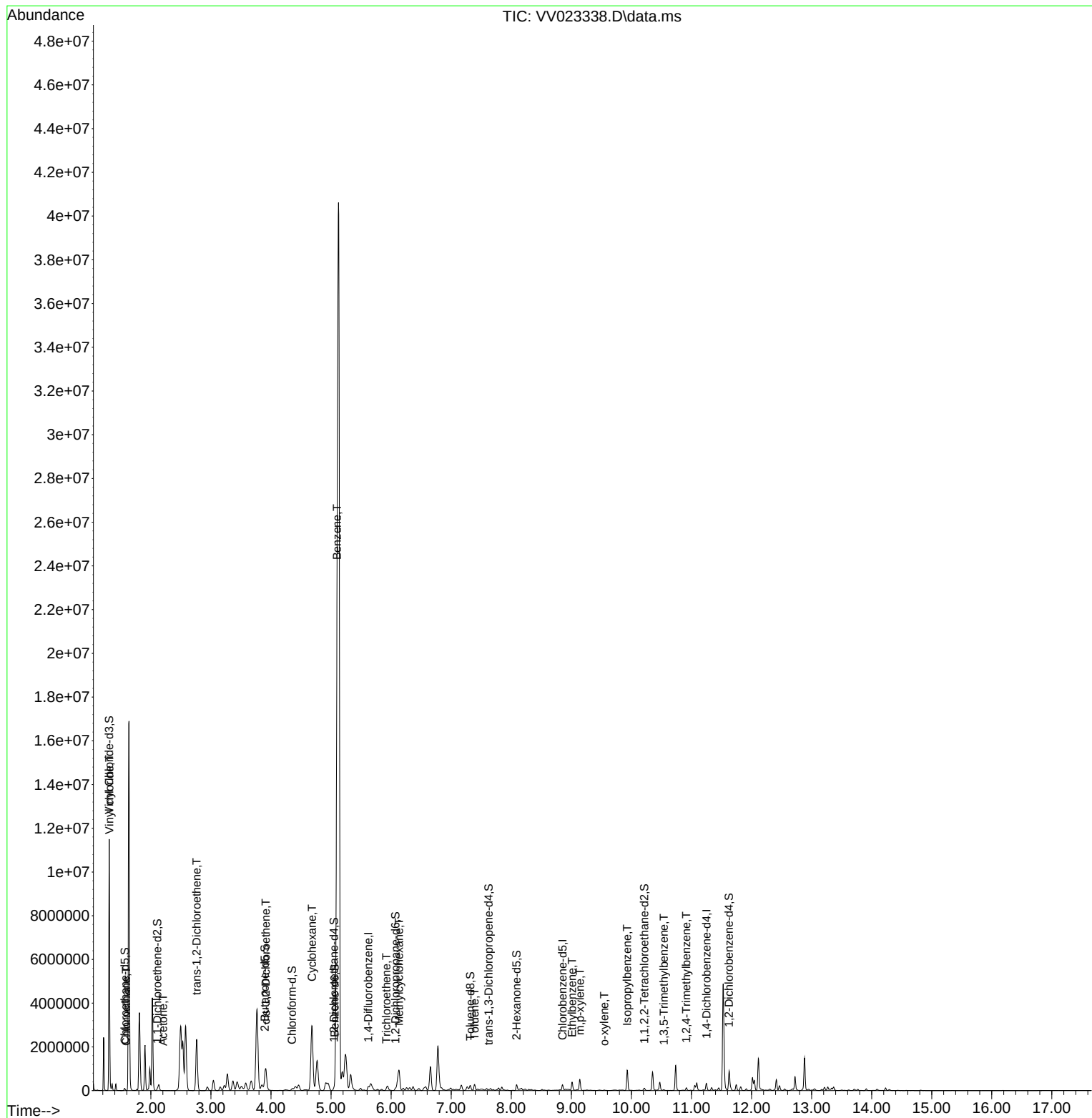
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 Data File : VV023338.D
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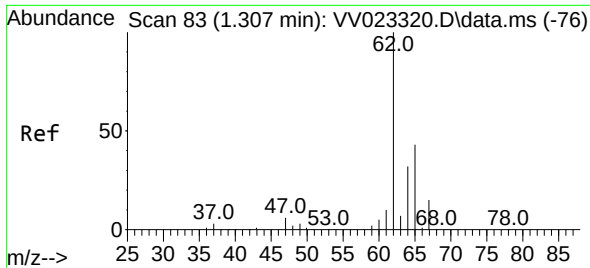
Instrument :
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 ClientSampleId :
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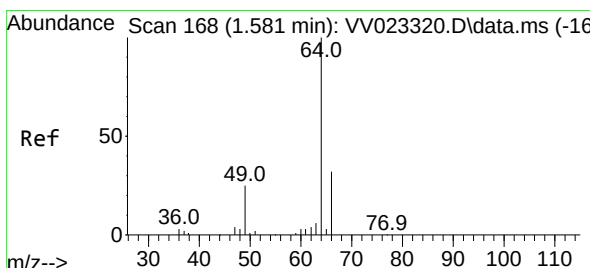
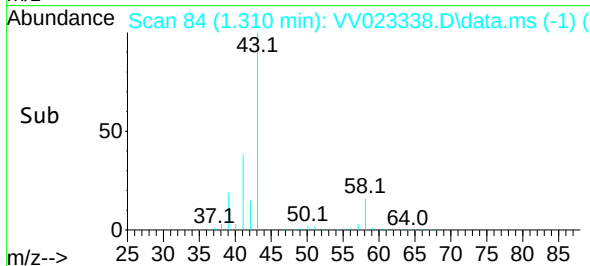
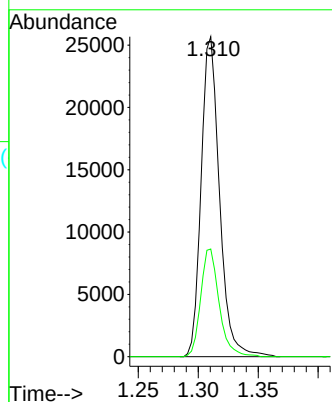
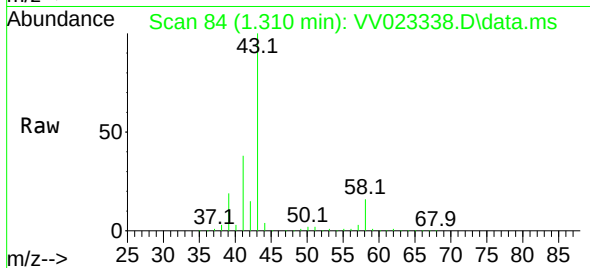
#5
 Vinyl chloride
 Concen: 2.141 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023338.D
 Acq: 10 Nov 2021 17:39

Instrument :
 MSVOA_V
 ClientSampleId :
 GB871

Tgt Ion: 62 Resp: 2738
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.1 42.9

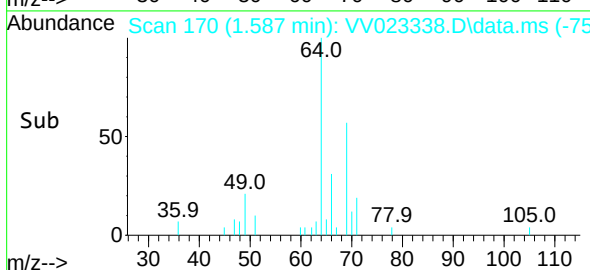
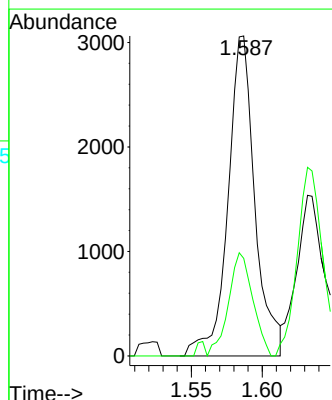
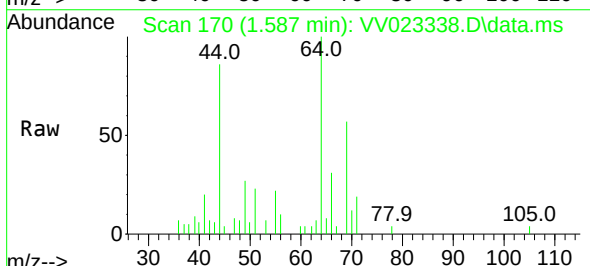
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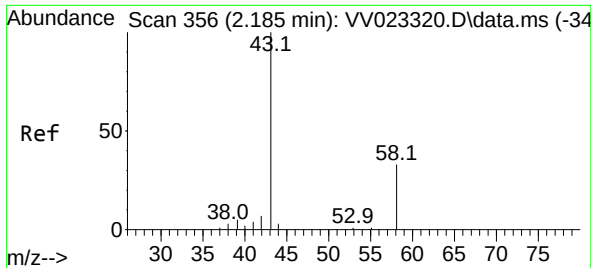
Reviewed By :John Carlone 11/11/2021
 Supervised By :Mahesh Dadoda 11/11/2021



#8
 Chloroethane
 Concen: 0.550 ug/L
 RT: 1.587 min Scan# 170
 Delta R.T. 0.006 min
 Lab File: VV023338.D
 Acq: 10 Nov 2021 17:39

Tgt Ion: 64 Resp: 4061
 Ion Ratio Lower Upper
 64 100
 66 30.5 22.1 41.1





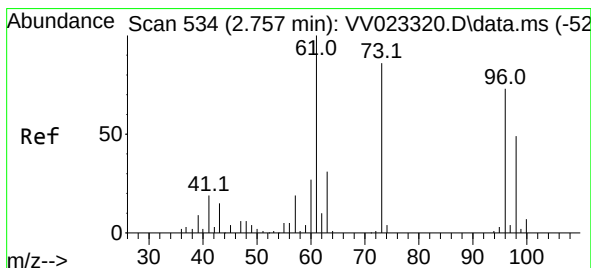
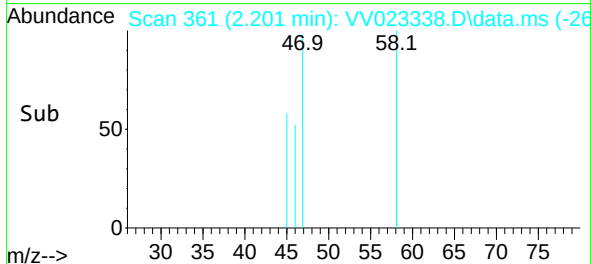
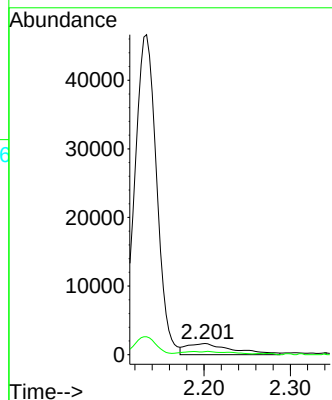
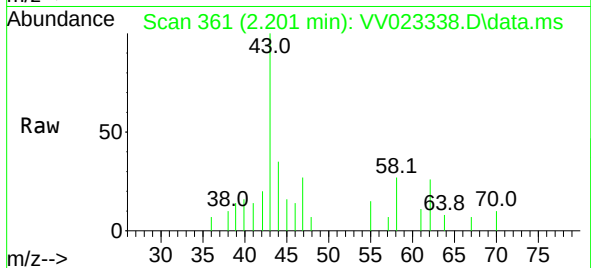
#13
Acetone
Concen: 5.974 ug/L m
RT: 2.201 min Scan# 30
Delta R.T. 0.016 min
Lab File: VV023338.D
Acq: 10 Nov 2021 17:39

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion: 43 Resp: 6080
Ion Ratio Lower Upper
43 100
58 77.2 0.0 55.4

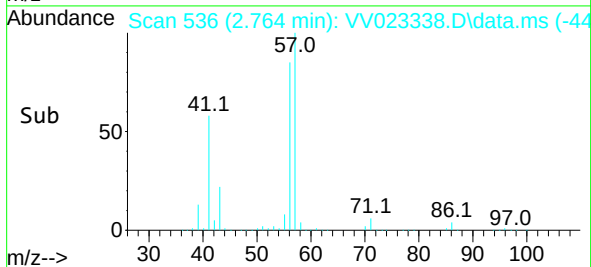
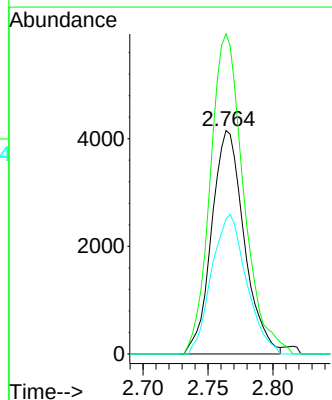
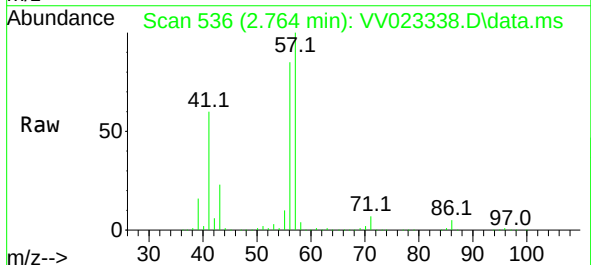
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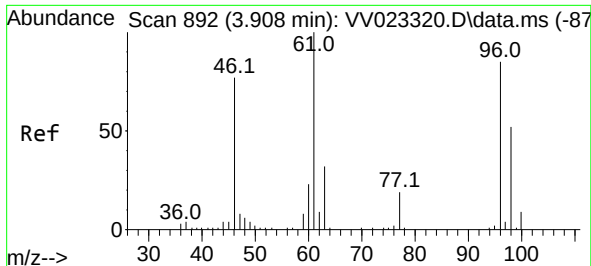
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/11/2021



#18
trans-1,2-Dichloroethene
Concen: 0.639 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.006 min
Lab File: VV023338.D
Acq: 10 Nov 2021 17:39

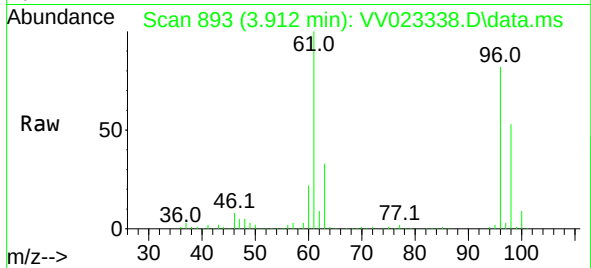
Tgt Ion: 96 Resp: 7235
Ion Ratio Lower Upper
96 100
61 143.3 93.2 173.2
98 60.4 47.0 87.2





#22
cis-1,2-Dichloroethene
Concen: 50.082 ug/L
RT: 3.912 min Scan# 892
Delta R.T. 0.003 min
Lab File: VV023338.D
Acq: 10 Nov 2021 17:39

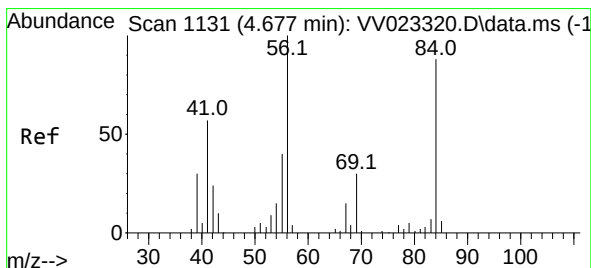
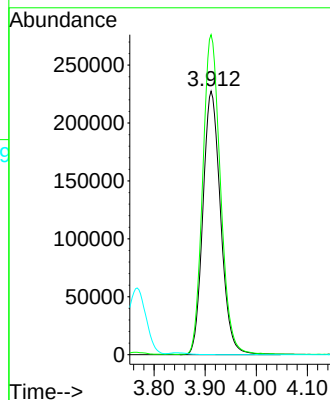
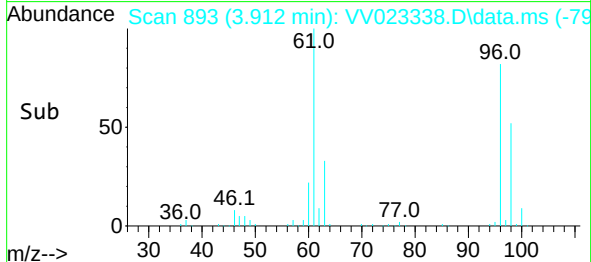
Instrument :
MSVOA_V
ClientSampleId :
GB871



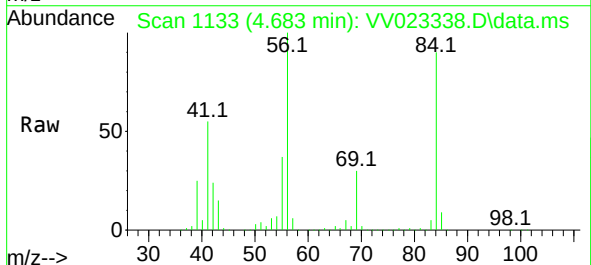
Tgt Ion: 96 Resp: 545799
Ion Ratio Lower Upper
96 100
61 121.4 92.3 171.3
68 0.1 0.4 0.8

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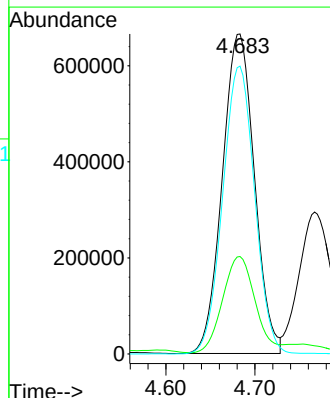
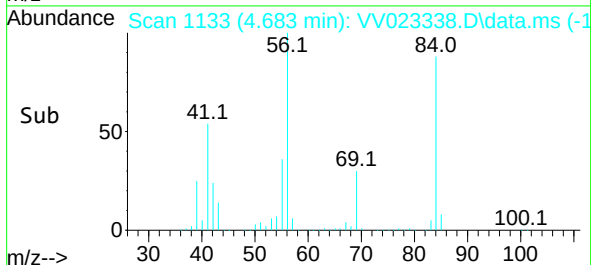
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/11/2021

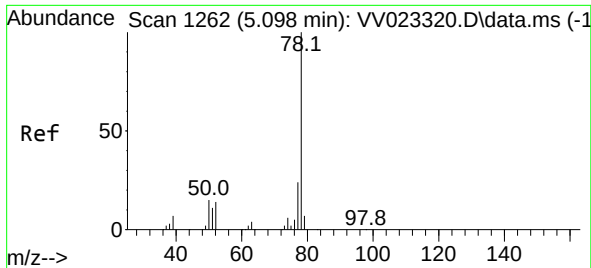


#30
Cyclohexane
Concen: 103.651 ug/L
RT: 4.683 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VV023338.D
Acq: 10 Nov 2021 17:39



Tgt Ion: 56 Resp: 1669703
Ion Ratio Lower Upper
56 100
69 30.3 23.5 35.3
84 89.8 71.6 107.4





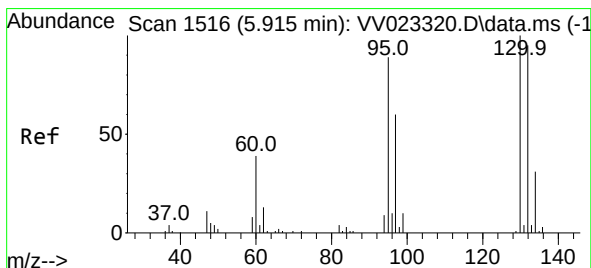
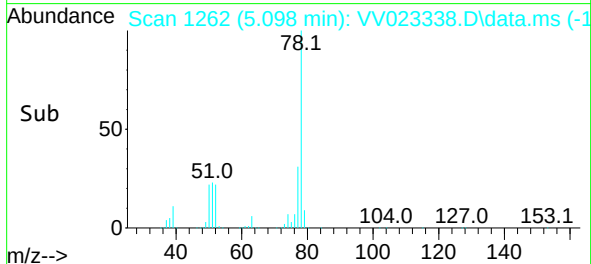
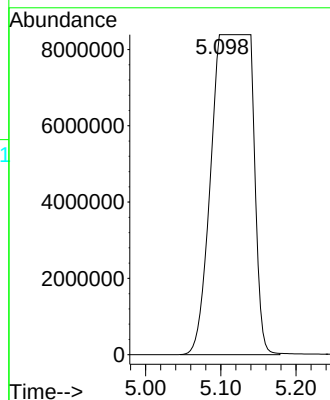
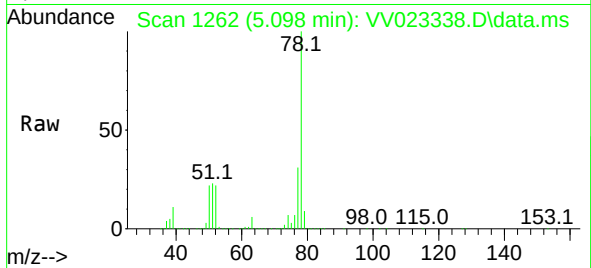
#33
Benzene
Concen: 778.484 ug/L m
RT: 5.098 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV023338.D
Acq: 10 Nov 2021 17:39

Instrument :
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Tgt Ion: 78 Resp:3220718

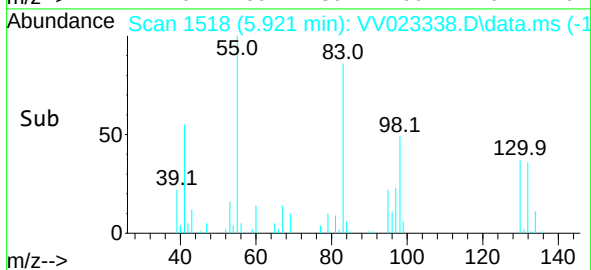
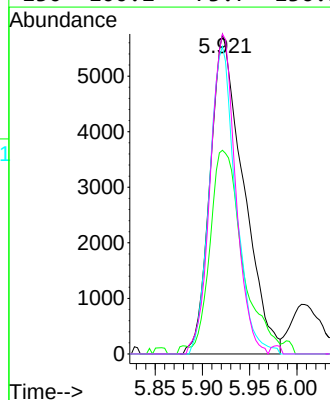
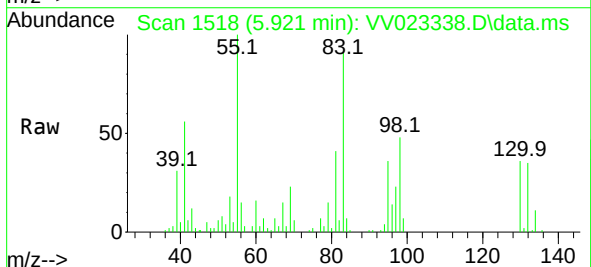
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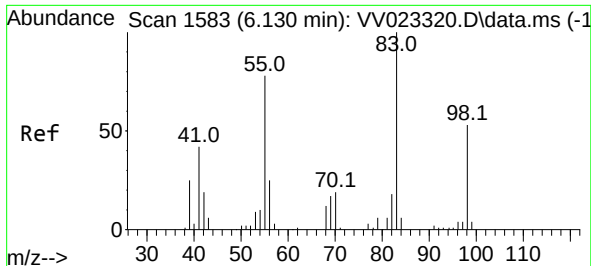
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/11/2021



#34
Trichloroethene
Concen: 1.281 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VV023338.D
Acq: 10 Nov 2021 17:39

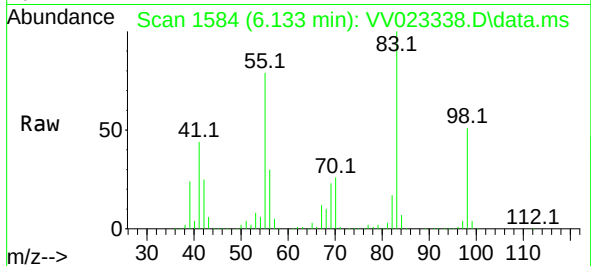
Tgt Ion: 95 Resp: 14093
Ion Ratio Lower Upper
95 100
97 63.8 45.0 83.6
132 96.2 69.7 129.4
130 100.2 73.7 136.9





#35
Methylcyclohexane
Concen: 23.578 ug/L
RT: 6.133 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV023338.D
Acq: 10 Nov 2021 17:39

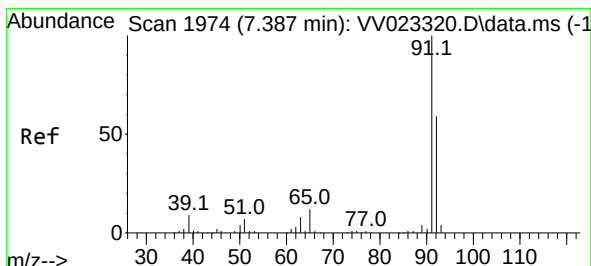
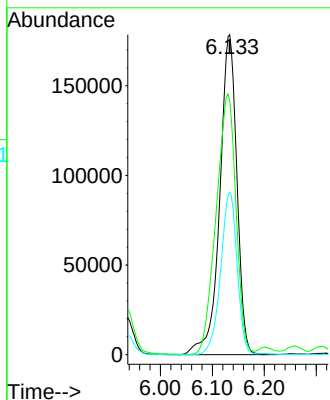
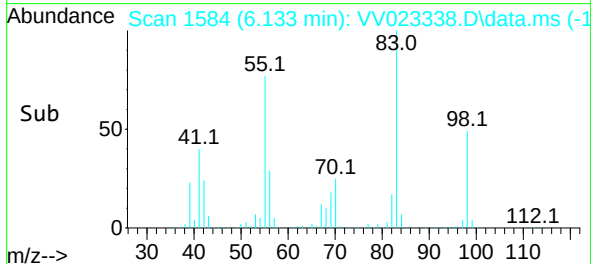
Instrument :
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ClientSampleId :
GB871



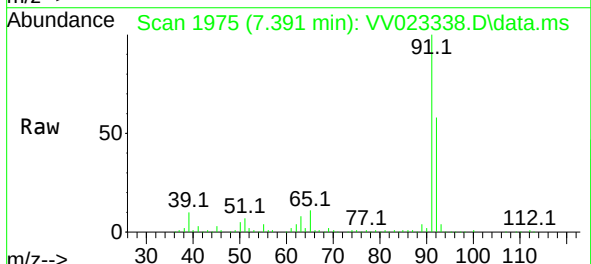
Tgt Ion: 83 Resp: 409440
Ion Ratio Lower Upper
83 100
55 93.8 62.8 94.2
98 48.7 37.9 56.9

Manual Integrations
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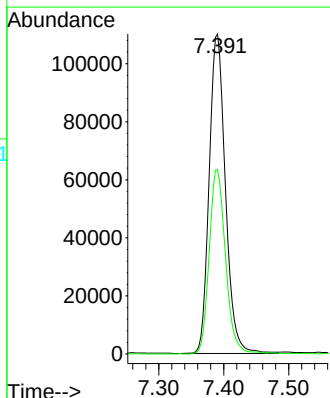
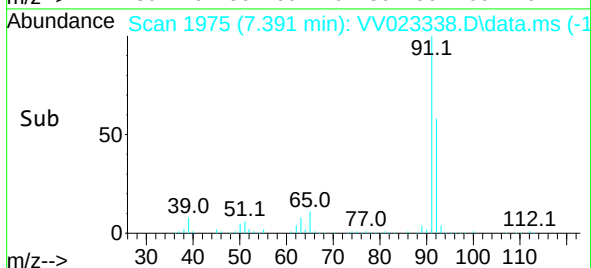
Reviewed By :John Carlone 11/11/2021
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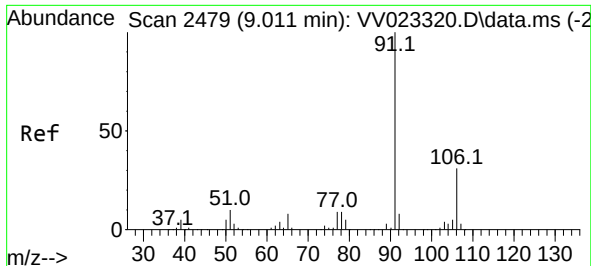


#42
Toluene
Concen: 4.328 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV023338.D
Acq: 10 Nov 2021 17:39



Tgt Ion: 91 Resp: 191524
Ion Ratio Lower Upper
91 100
92 57.6 39.3 72.9





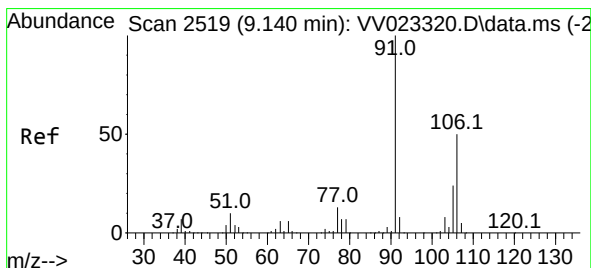
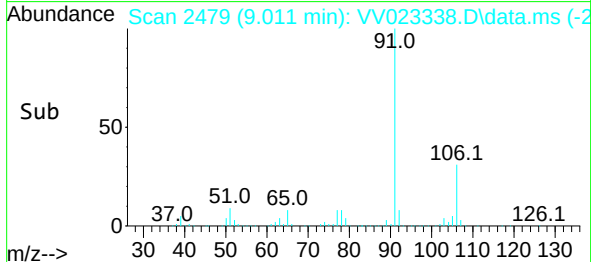
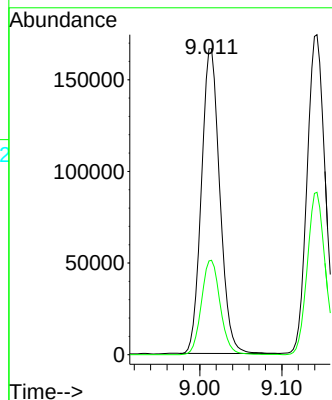
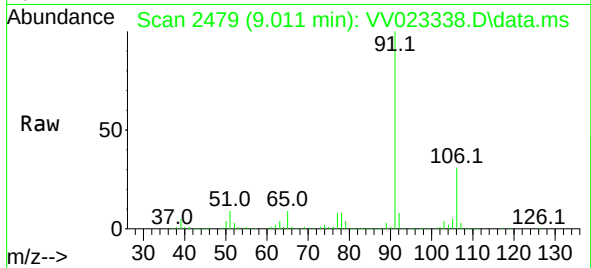
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Ethylbenzene
Concen: 5.557 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV023338.D
Acq: 10 Nov 2021 17:39

Instrument :
MSVOA_V
ClientSampleId :
GB871

Tgt Ion: 91 Resp: 259338
Ion Ratio Lower Upper
91 100
106 30.7 22.5 41.9

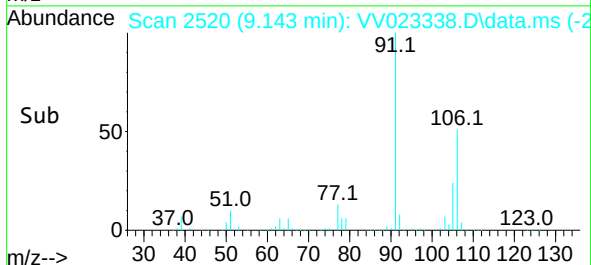
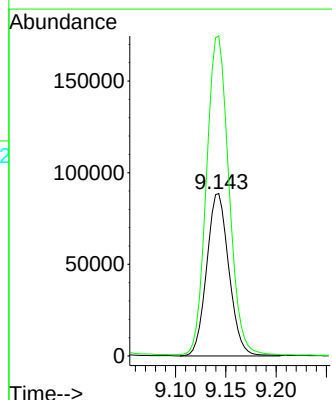
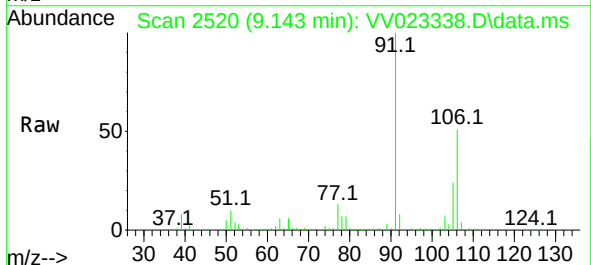
Manual Integrations
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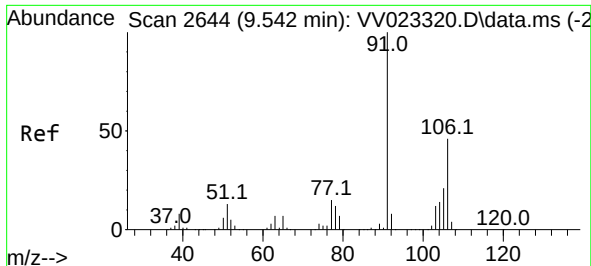
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/11/2021



#53
m,p-xylene
Concen: 7.447 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV023338.D
Acq: 10 Nov 2021 17:39

Tgt Ion:106 Resp: 136405
Ion Ratio Lower Upper
106 100
91 197.1 137.2 254.8





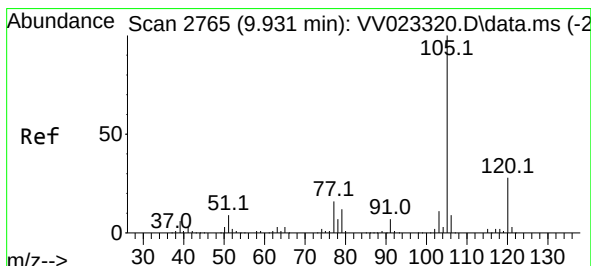
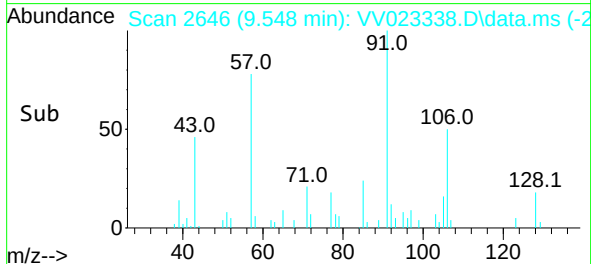
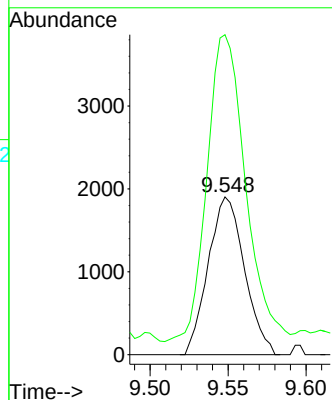
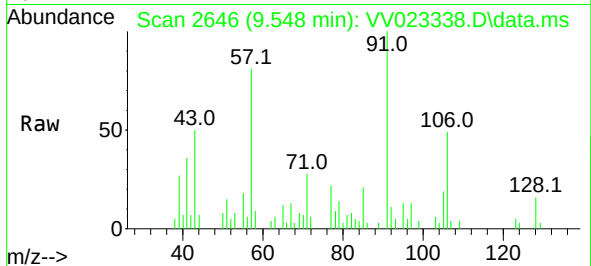
#54
o-xylene
Concen: 0.179 ug/L
RT: 9.548 min Scan# 20
Delta R.T. 0.006 min
Lab File: VV023338.D
Acq: 10 Nov 2021 17:39

Instrument :
MSVOA_V
ClientSampleId :
GB871

Tgt Ion:106 Resp: 3078
Ion Ratio Lower Upper
106 100
91 202.9 148.3 275.5

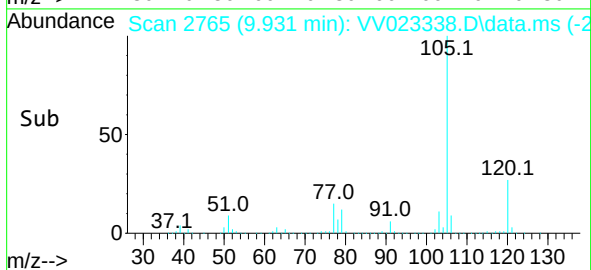
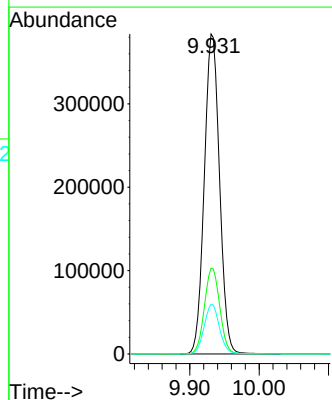
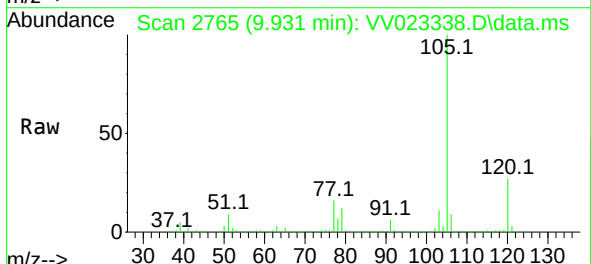
Manual Integrations
APPROVED

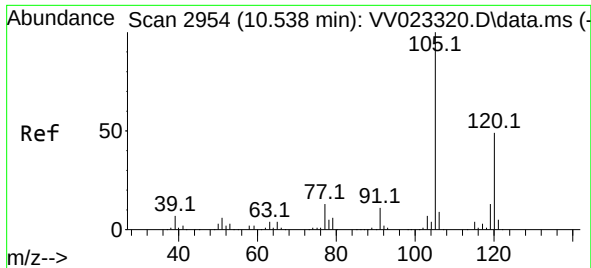
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/11/2021



#60
Isopropylbenzene
Concen: 13.267 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV023338.D
Acq: 10 Nov 2021 17:39

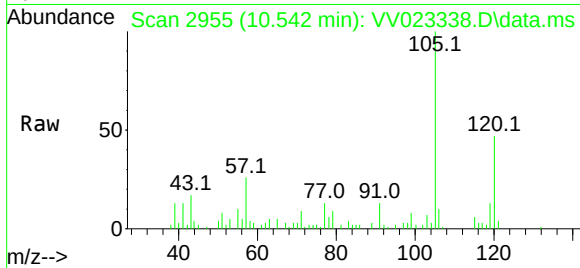
Tgt Ion:105 Resp: 585388
Ion Ratio Lower Upper
105 100
120 27.0 21.7 32.5
77 15.6 12.6 19.0





#62
1,3,5-Trimethylbenzene
Concen: 0.408 ug/L m
RT: 10.542 min Scan# 2954
Delta R.T. 0.003 min
Lab File: VV023338.D
Acq: 10 Nov 2021 17:39

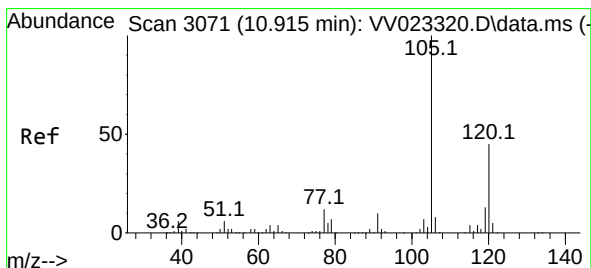
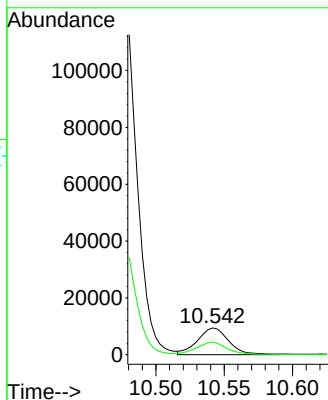
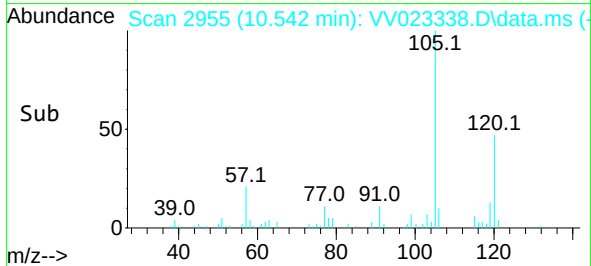
Instrument :
MSVOA_V
ClientSampleId :
GB871



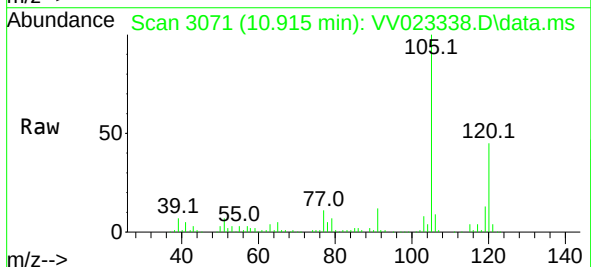
Tgt Ion:105 Resp: 14929
Ion Ratio Lower Upper
105 100
120 198.0 39.7 59.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/11/2021



#63
1,2,4-Trimethylbenzene
Concen: 1.736 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV023338.D
Acq: 10 Nov 2021 17:39



Tgt Ion:105 Resp: 63216
Ion Ratio Lower Upper
105 100
120 46.8 37.4 56.2

