

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092722\
 Data File : VV028133.D
 Acq On : 27 Sep 2022 12:40
 Operator : SY/MD
 Sample : N4820-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CB8L0

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/28/2022
 Supervised By :Mahesh Dadoda 09/28/2022

Quant Time: Sep 28 03:09:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 28 03:08:11 2022
 Response via : Initial Calibration

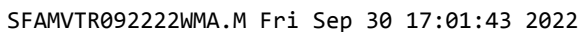
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

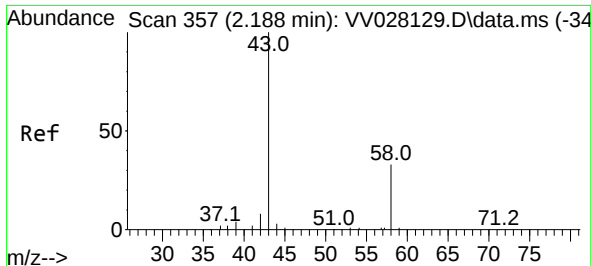
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	185219	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	189799	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	109198	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	60783	3.165	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.400%
7) Chloroethane-d5	1.561	69	57614	3.774	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.400%
11) 1,1-Dichloroethene-d2	2.098	63	82075	2.464	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	49.200%#
20) 2-Butanone-d5	3.912	46	146657	45.239	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.480%
24) Chloroform-d	4.342	84	130987	4.275	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	5.031	65	67169	4.607	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	5.043	84	242901	3.903	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.000%
36) 1,2-Dichloropropane-d6	6.066	67	81970	4.225	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.400%
41) Toluene-d8	7.313	98	194438	3.452	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.000%#
43) trans-1,3-Dichloroprop...	7.622	79	28147	4.016	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.400%
46) 2-Hexanone-d5	8.088	63	141061	48.226	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.460%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	64681	4.877	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	11.619	152	97555	4.555	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
					Qvalue	
13) Acetone	2.214	43	15200m	6.087	ug/L	
30) Cyclohexane	4.670	56	3912	0.232	ug/L	87
33) Benzene	5.098	78	8600	0.163	ug/L	100
35) Methylcyclohexane	6.124	83	3793	0.211	ug/L #	93
51) Chlorobenzene	8.876	112	539384	14.628	ug/L	99
52) Ethylbenzene	9.018	91	4099	0.070	ug/L	97
53) m,p-Xylene	9.140	106	5326	0.239	ug/L	94
54) o-Xylene	9.545	106	6055	0.275	ug/L	96
60) Isopropylbenzene	9.927	105	200908	3.134	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	4354m	0.241	ug/L	
63) 1,2,4-Trimethylbenzene	10.915	105	15976	0.317	ug/L	94
64) 1,3-Dichlorobenzene	11.181	146	4913	0.154	ug/L	96
65) 1,4-Dichlorobenzene	11.271	146	55413	1.737	ug/L	99

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

Manual Integrations

Quant Time: Sep 28 03:09:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 28 03:08:11 2022
Response via : Initial Calibration





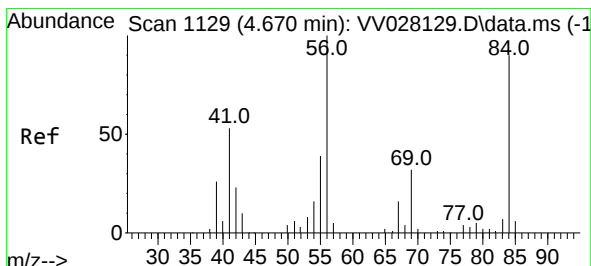
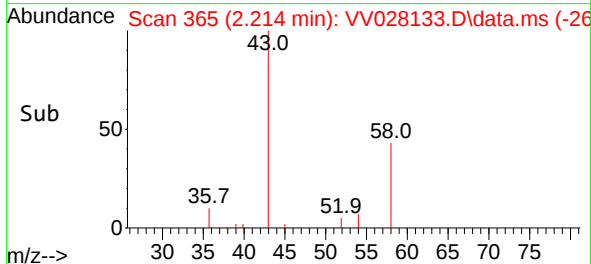
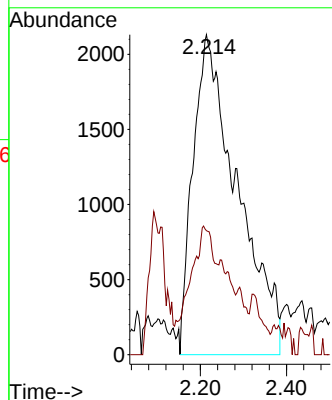
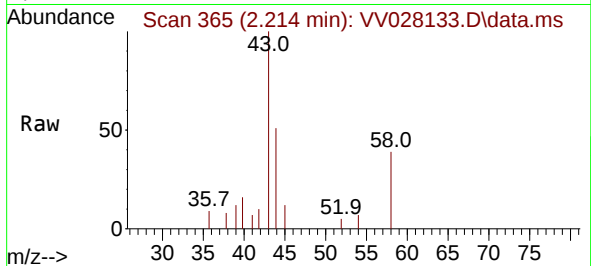
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Acetone
Concen: 6.087 ug/L m
RT: 2.214 min Scan# 30
Delta R.T. 0.026 min
Lab File: VV028133.D
Acq: 27 Sep 2022 12:40

Instrument :
MSVOA_V
ClientSampleId :
CB8L0

Tgt Ion: 43 Resp: 15200
Ion Ratio Lower Upper
43 100
58 14.9 0.0 65.6

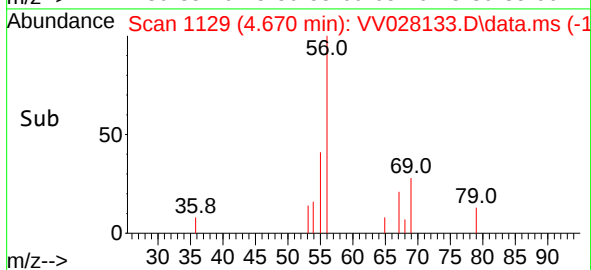
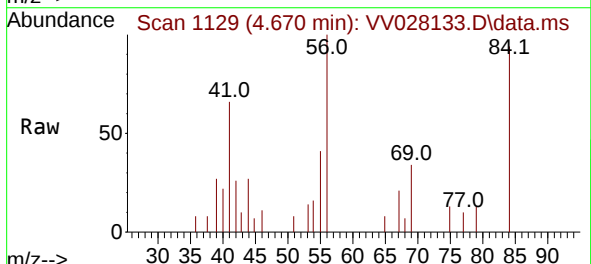
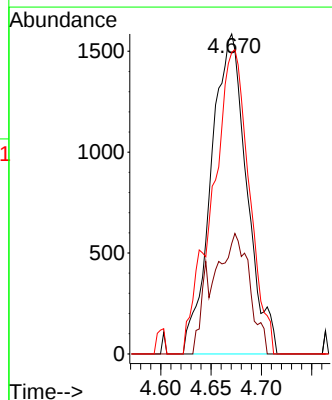
Manual Integrations
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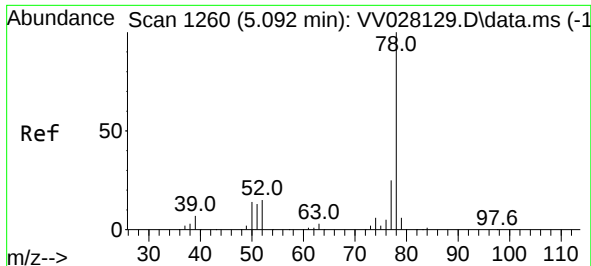
Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#30
Cyclohexane
Concen: 0.232 ug/L
RT: 4.670 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VV028133.D
Acq: 27 Sep 2022 12:40

Tgt Ion: 56 Resp: 3912
Ion Ratio Lower Upper
56 100
69 32.7 23.7 35.5
84 98.3 67.3 100.9





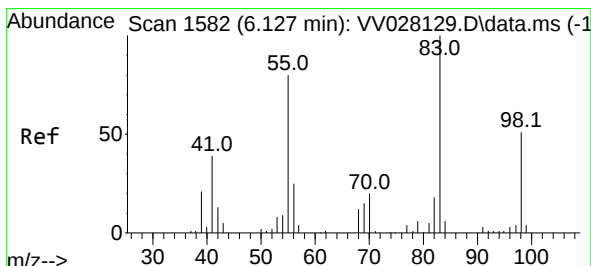
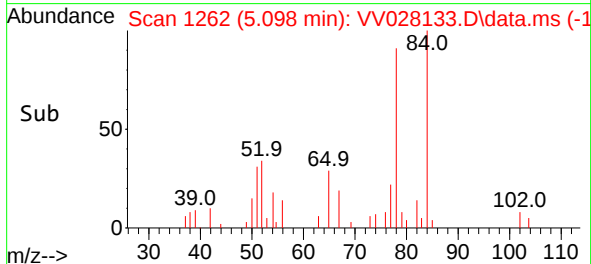
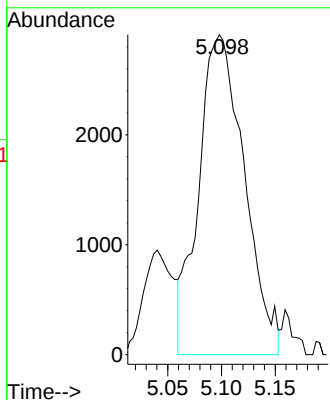
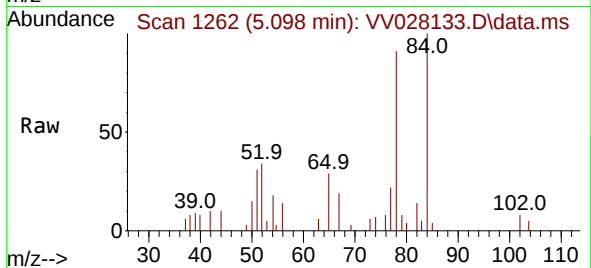
#33
Benzene
Concen: 0.163 ug/L
RT: 5.098 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV028133.D
Acq: 27 Sep 2022 12:40

Instrument :
MSVOA_V
ClientSampleId :
CB8L0

Tgt Ion: 78 Resp: 8600

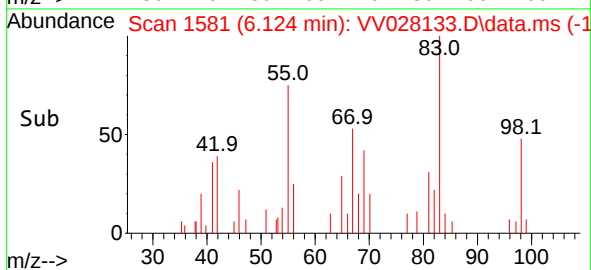
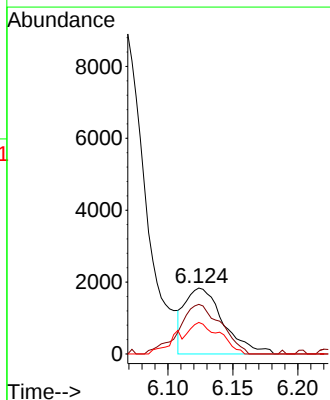
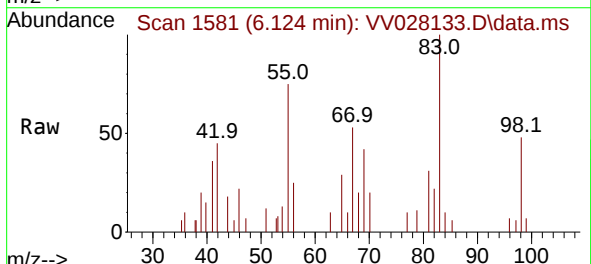
Manual Integrations
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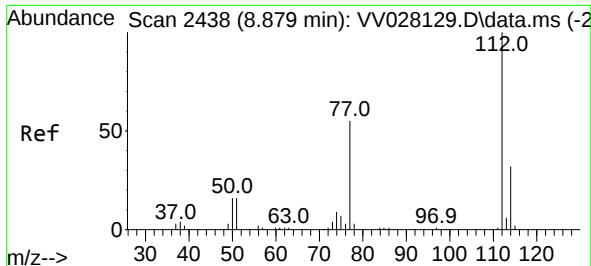
Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#35
Methylcyclohexane
Concen: 0.211 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. -0.003 min
Lab File: VV028133.D
Acq: 27 Sep 2022 12:40

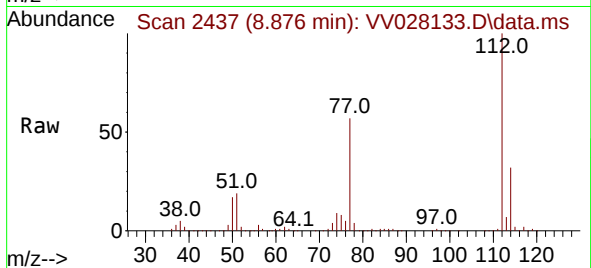
Tgt Ion: 83 Resp: 3793
Ion Ratio Lower Upper
83 100
55 81.9 64.7 97.1
98 38.7 39.5 59.3#





#51
Chlorobenzene
Concen: 14.628 ug/L
RT: 8.876 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VV028133.D
Acq: 27 Sep 2022 12:40

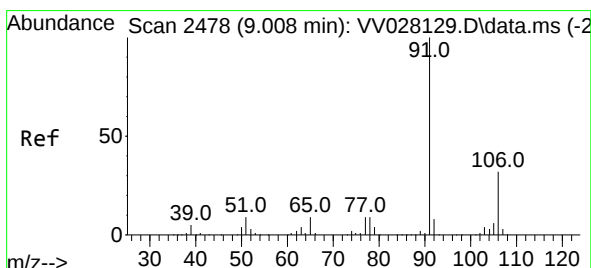
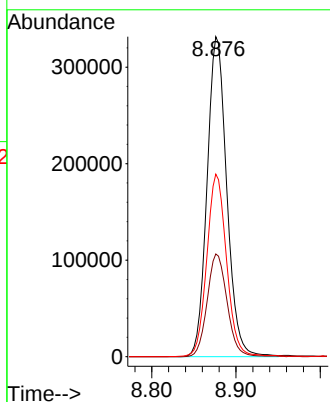
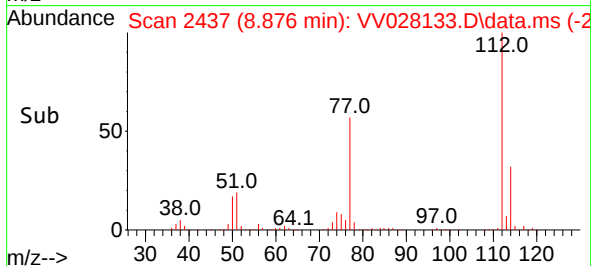
Instrument :
MSVOA_V
ClientSampleId :
CB8L0



Tgt Ion:112 Resp: 539384
Ion Ratio Lower Upper
112 100
114 32.1 22.5 41.7
77 57.0 46.1 69.1

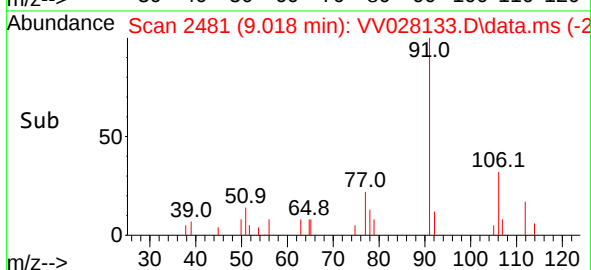
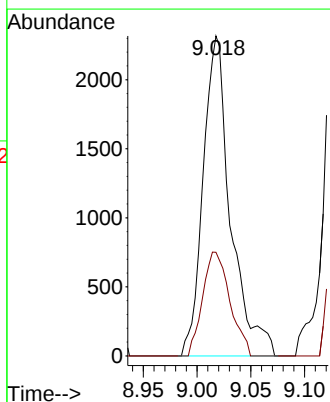
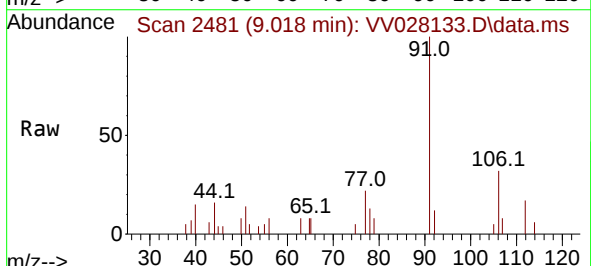
Manual Integrations
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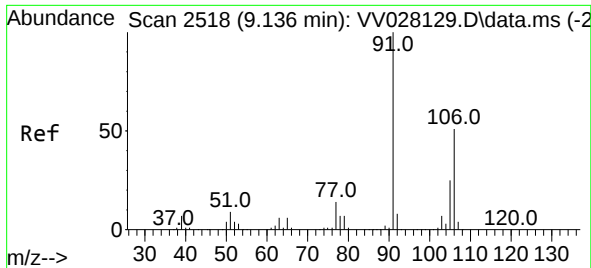
Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#52
Ethylbenzene
Concen: 0.070 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.010 min
Lab File: VV028133.D
Acq: 27 Sep 2022 12:40

Tgt Ion: 91 Resp: 4099
Ion Ratio Lower Upper
91 100
106 32.4 21.5 39.9





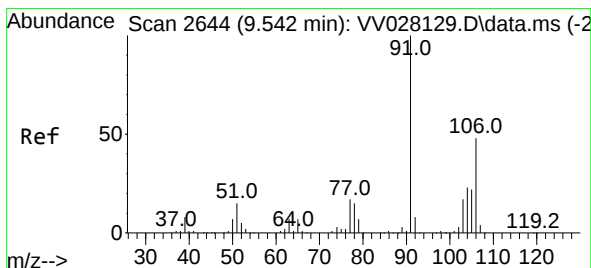
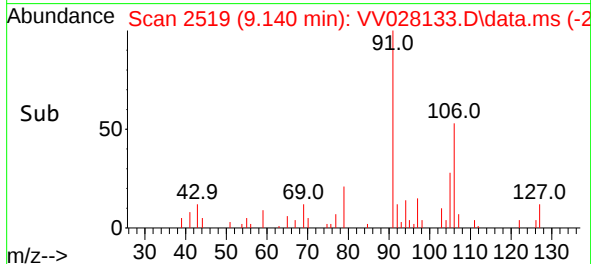
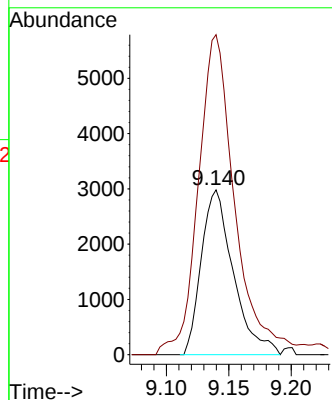
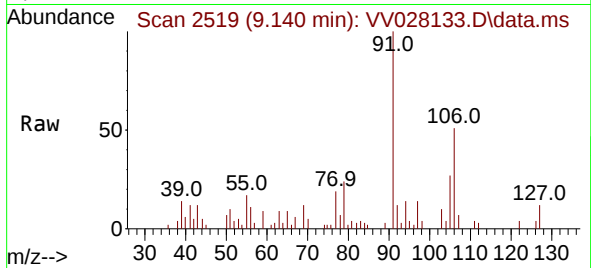
#53
m,p-Xylene
Concen: 0.239 ug/L
RT: 9.140 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV028133.D
Acq: 27 Sep 2022 12:40

Instrument :
MSVOA_V
ClientSampleId :
CB8L0

Tgt Ion:106 Resp: 5320
Ion Ratio Lower Upper
106 100
91 194.2 141.9 263.5

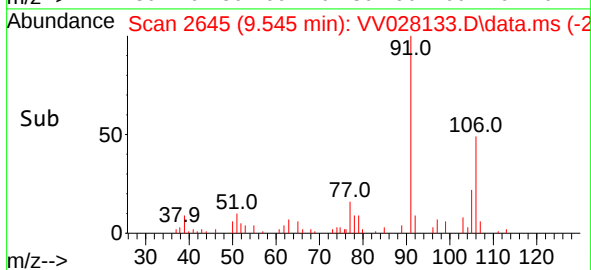
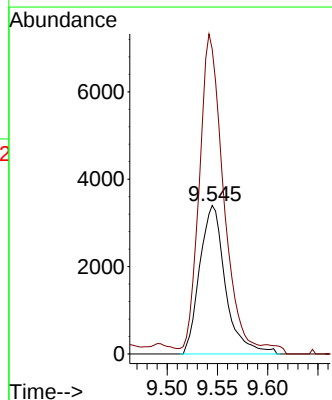
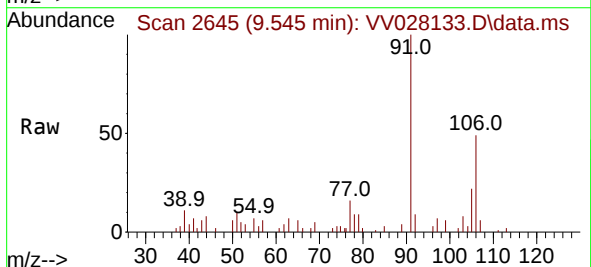
Manual Integrations
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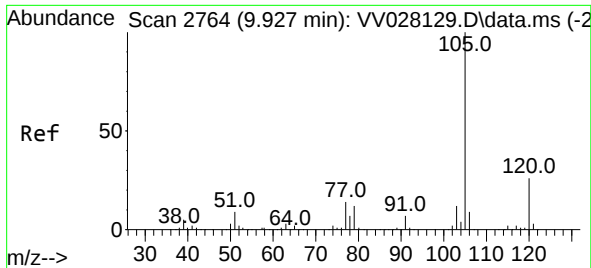
Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#54
o-Xylene
Concen: 0.275 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV028133.D
Acq: 27 Sep 2022 12:40

Tgt Ion:106 Resp: 6055
Ion Ratio Lower Upper
106 100
91 205.4 148.1 275.0





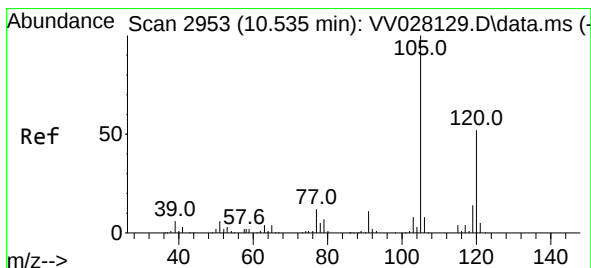
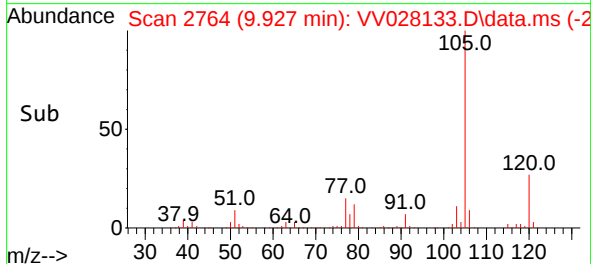
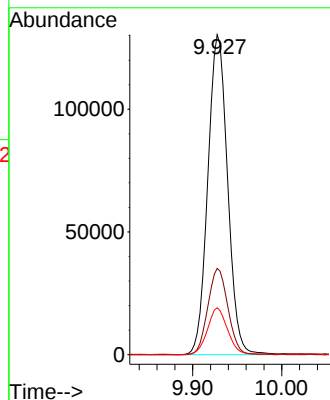
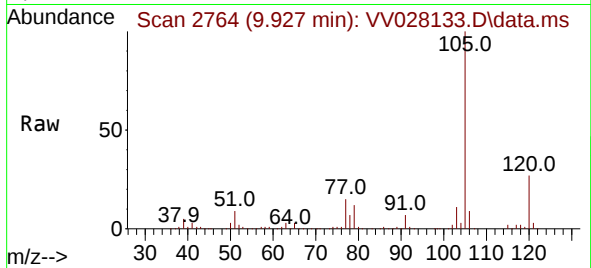
#60
Isopropylbenzene
Concen: 3.134 ug/L
RT: 9.927 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028133.D
Acq: 27 Sep 2022 12:40

Instrument :
MSVOA_V
ClientSampleId :
CB8L0

Tgt Ion:105 Resp: 200908
Ion Ratio Lower Upper
105 100
120 27.3 21.4 32.0
77 14.9 12.2 18.4

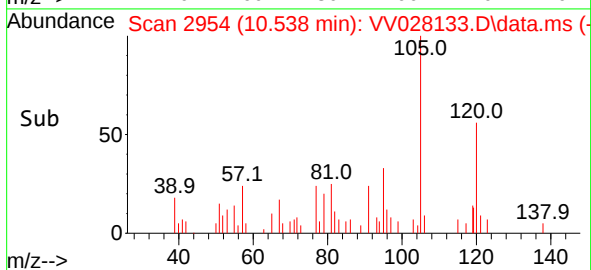
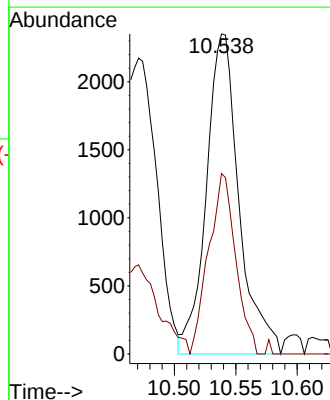
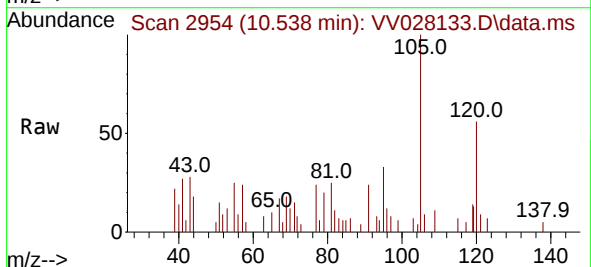
Manual Integrations
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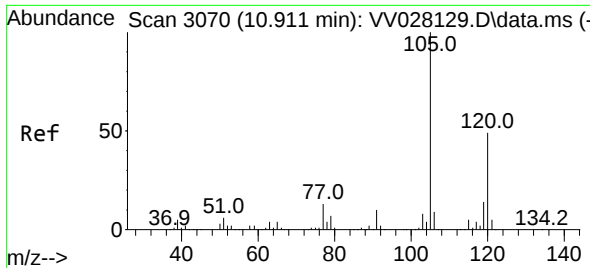
Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#62
1,3,5-Trimethylbenzene
Concen: 0.241 ug/L m
RT: 10.538 min Scan# 2954
Delta R.T. 0.003 min
Lab File: VV028133.D
Acq: 27 Sep 2022 12:40

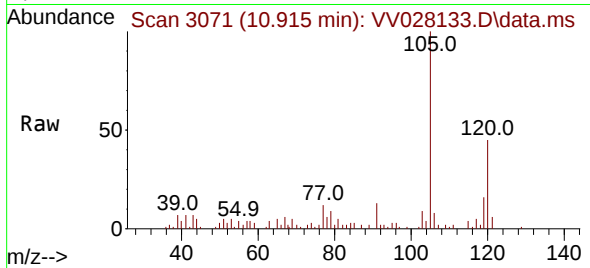
Tgt Ion:105 Resp: 4354
Ion Ratio Lower Upper
105 100
120 157.6 40.6 61.0#





#63
1,2,4-Trimethylbenzene
Concen: 0.317 ug/L
RT: 10.915 min Scan# 3070
Delta R.T. 0.003 min
Lab File: VV028133.D
Acq: 27 Sep 2022 12:40

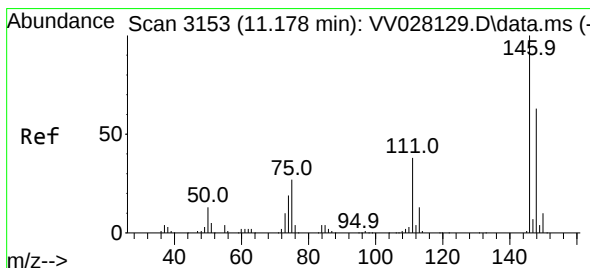
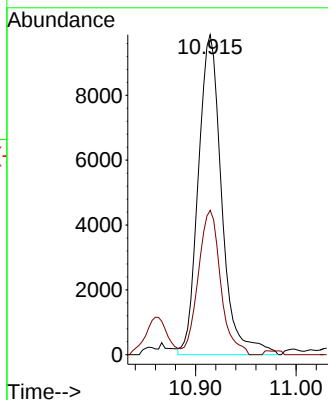
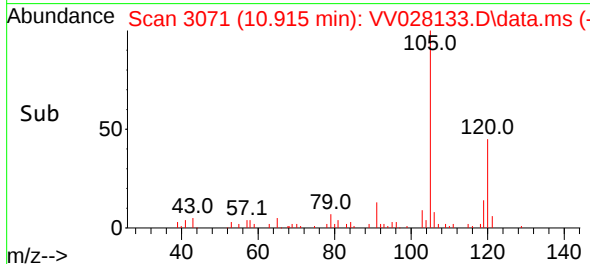
Instrument :
MSVOA_V
ClientSampleId :
CB8L0



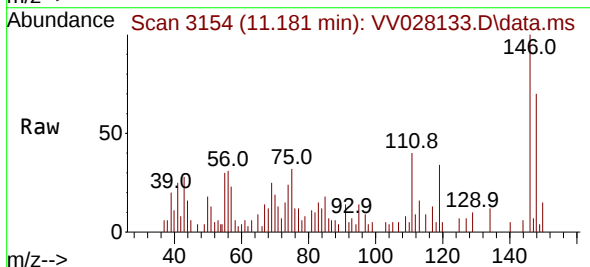
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Ion Ratio Lower Upper
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120 43.0 37.8 56.8

Manual Integrations
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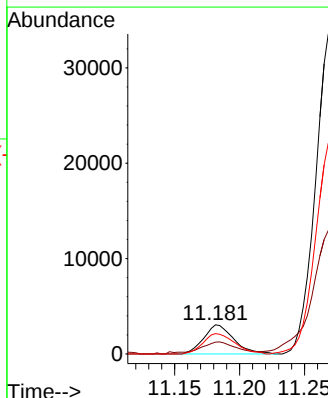
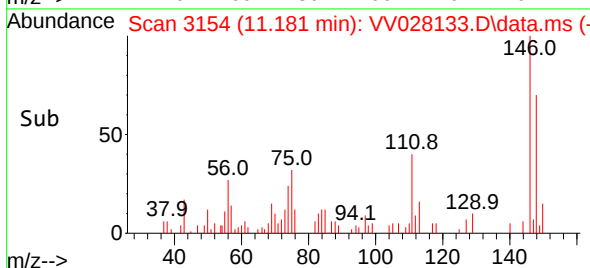
Reviewed By :Krupa Patel 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

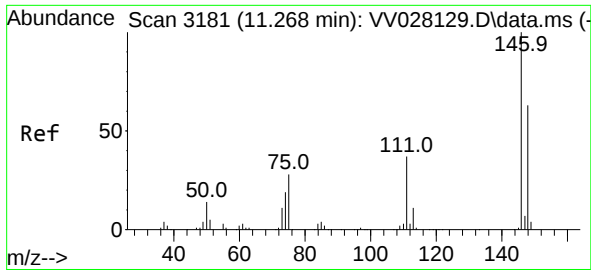


#64
1,3-Dichlorobenzene
Concen: 0.154 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VV028133.D
Acq: 27 Sep 2022 12:40



Tgt Ion:146 Resp: 4913
Ion Ratio Lower Upper
146 100
111 40.4 27.1 50.3
148 69.5 45.7 84.9





#65

1,4-Dichlorobenzene

Concen: 1.737 ug/L

RT: 11.271 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV028133.D

Acq: 27 Sep 2022 12:40

Instrument :

MSVOA_V

ClientSampleId :

CB8L0

Tgt Ion:146 Resp: 5541

Ion Ratio Lower Upper

146 100

111 37.7 26.2 48.8

148 66.1 45.8 85.2

Manual Integrations

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Supervised By :Mahesh Dadoda 09/28/2022

