

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW080822\
 Data File : VW027248.D
 Acq On : 08 Aug 2022 16:21
 Operator : SY/MD
 Sample : N4008-08MEDL 5X
 Misc : 6.11g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0ZF2MEDL

Quant Time: Aug 09 02:31:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 09 02:29:12 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/09/2022
 Supervised By :Semsettin Yesilyurt 08/09/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	435029	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	441647	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	249460	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	152554	51.435	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	102.880%	
7) Chloroethane-d5	1.532	69	76231	35.158	ug/L	-0.02
Spiked Amount 50.000	Range 70	- 130	Recovery	=	70.320%	
11) 1,1-Dichloroethene-d2	2.092	63	194000	35.760	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	71.520%	
21) 2-Butanone-d5	3.870	46	261444	99.030	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	99.030%	
24) Chloroform-d	4.339	84	276479	45.508	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	91.020%	
26) 1,2-Dichloroethane-d4	5.024	65	189871	50.336	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	100.680%	
32) Benzene-d6	5.040	84	592272	55.922	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	111.840%	
36) 1,2-Dichloropropane-d6	6.063	67	207453	55.065	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	110.140%	
41) Toluene-d8	7.310	98	542833	60.131	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	120.260%#	
43) trans-1,3-Dichloroprop...	7.619	79	88779	54.064	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	108.120%	
47) 2-Hexanone-d5	8.085	63	206383	113.739	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	113.740%	
56) 1,1,2,2-Tetrachloroeth...	10.213	84	318264	51.839	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	103.680%	
66) 1,2-Dichlorobenzene-d4	11.622	152	244712	56.805	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	113.600%	
Target Compounds						
29) Cyclohexane	4.664	56	6886	1.354	ug/L #	71
35) Methylcyclohexane	6.124	83	44967	8.415	ug/L	87
42) Toluene	7.387	91	51054	3.538	ug/L	99
52) Ethylbenzene	9.014	91	35603	2.391	ug/L	97
53) m,p-Xylene	9.133	106	205574	36.531	ug/L	95
54) o-Xylene	9.541	106	85041	15.512	ug/L	100
60) Isopropylbenzene	9.931	105	35092m	2.232	ug/L	
62) 1,3,5-Trimethylbenzene	10.538	105	391307	30.140	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	1052604	82.763	ug/L	98

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

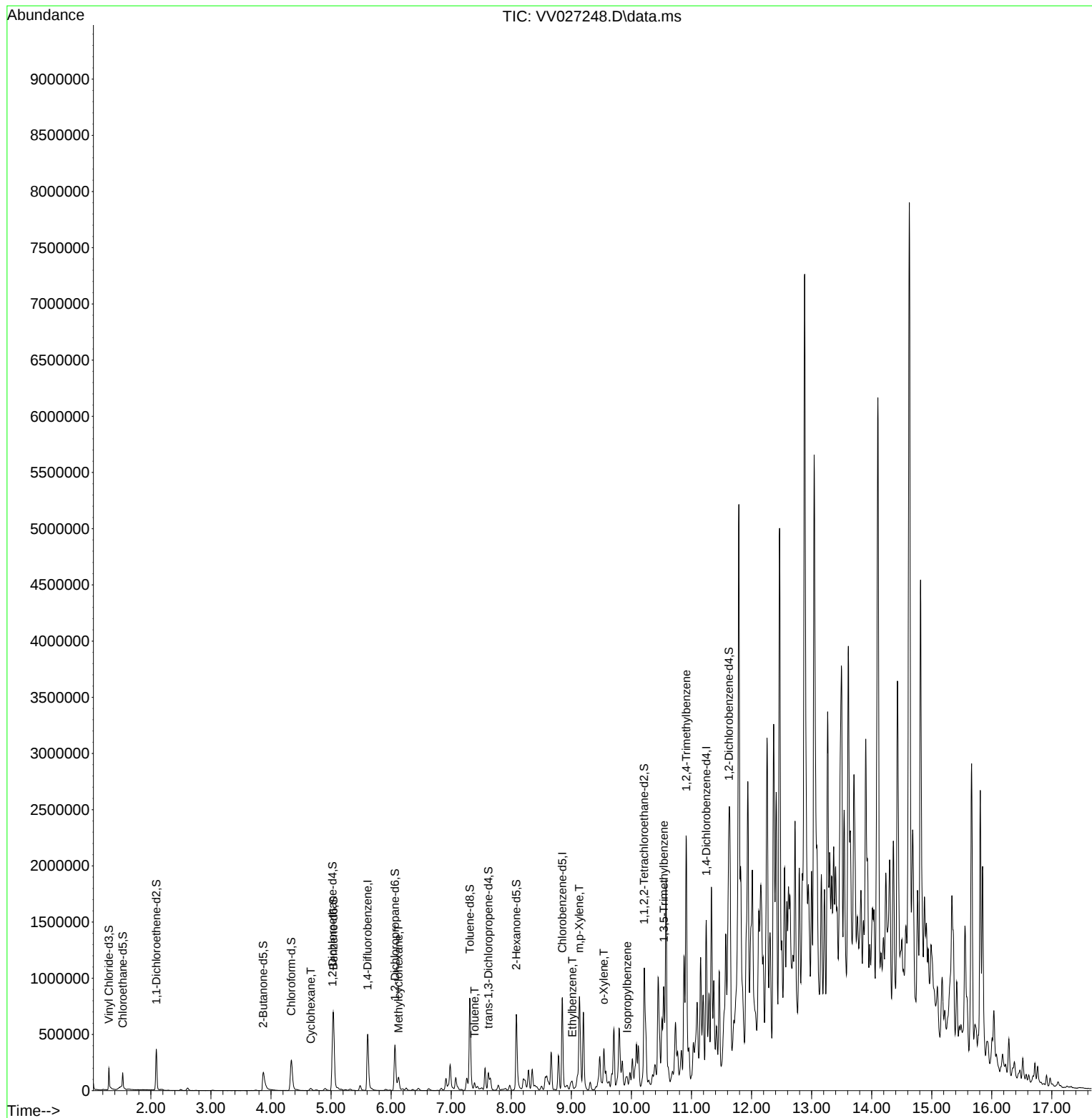
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080822\
Data File : VV027248.D
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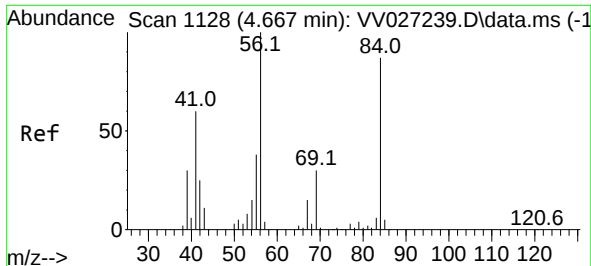
Instrument :
MSVOA_V
ClientSampleId :
C0ZF2MEDL

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Quant Time: Aug 09 02:31:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 09 02:29:12 2022
Response via : Initial Calibration





#29

Cyclohexane

Concen: 1.354 ug/L

RT: 4.664 min Scan# 1127

Delta R.T. -0.003 min

Lab File: VV027248.D

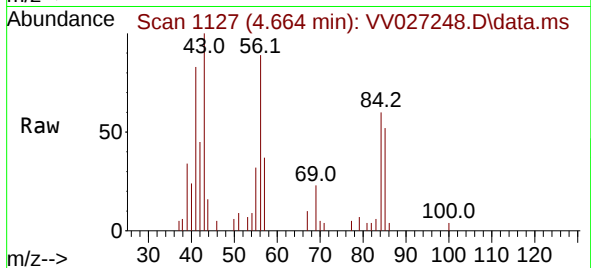
Acq: 08 Aug 2022 16:21

Instrument :

MSVOA_V

ClientSampleId :

C0ZF2MEDL



Tgt Ion: 56 Resp: 6880

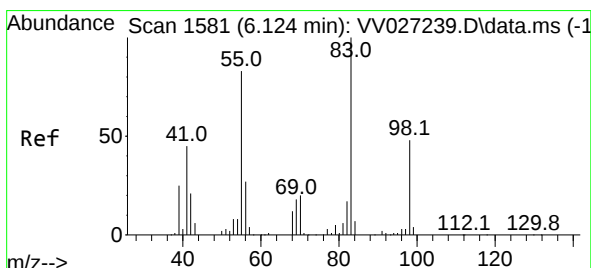
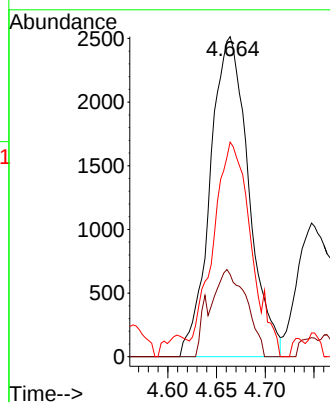
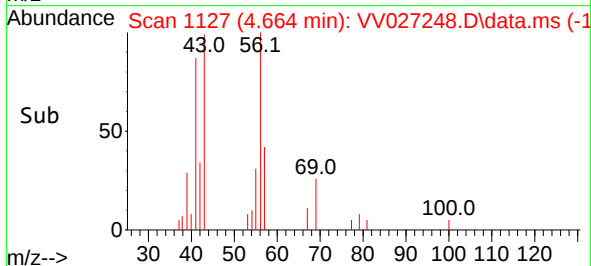
Ion	Ratio	Lower	Upper
56	100		
69	22.3	25.9	38.9
84	62.6	75.3	112.9

Manual Integrations

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#35

Methylcyclohexane

Concen: 8.415 ug/L

RT: 6.124 min Scan# 1581

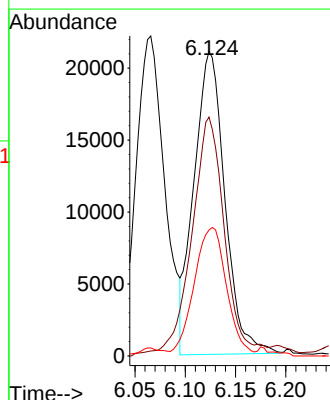
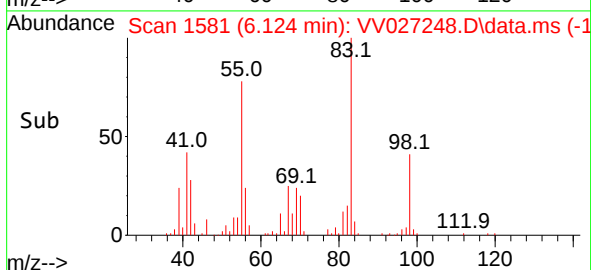
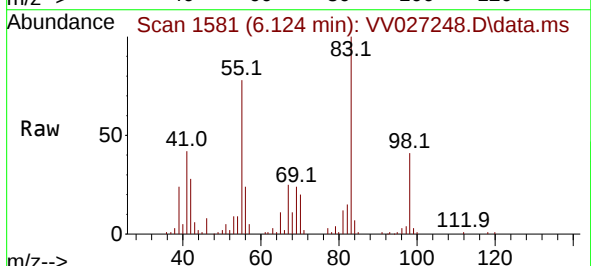
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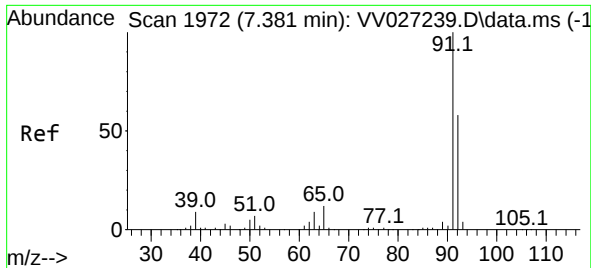
Lab File: VV027248.D

Acq: 08 Aug 2022 16:21

Tgt Ion: 83 Resp: 44967

Ion	Ratio	Lower	Upper
83	100		
55	82.9	55.5	83.3
98	43.4	39.0	58.4





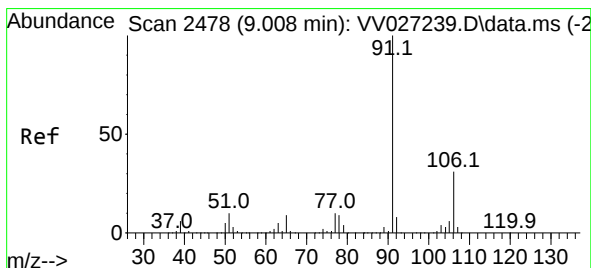
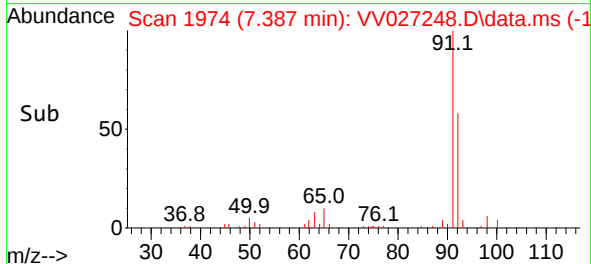
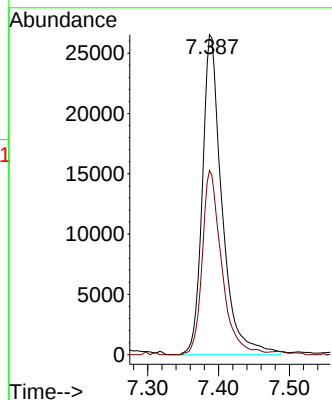
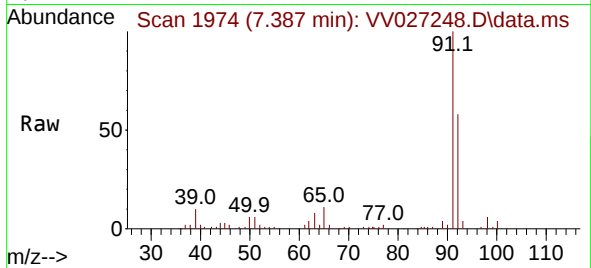
#42
Toluene
Concen: 3.538 ug/L
RT: 7.387 min Scan# 1972
Delta R.T. 0.006 min
Lab File: VV027248.D
Acq: 08 Aug 2022 16:21

Instrument :
MSVOA_V
ClientSampleId :
C0ZF2MEDL

Tgt Ion: 91 Resp: 51054
Ion Ratio Lower Upper
91 100
92 57.6 40.9 76.0

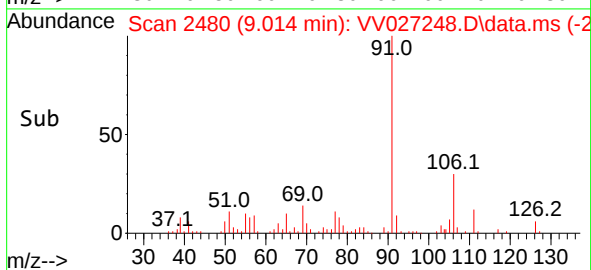
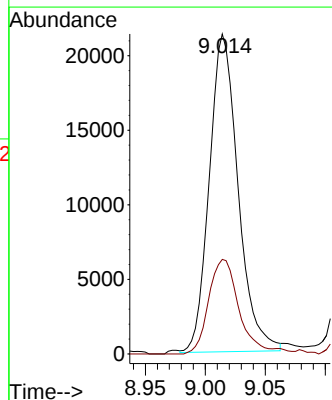
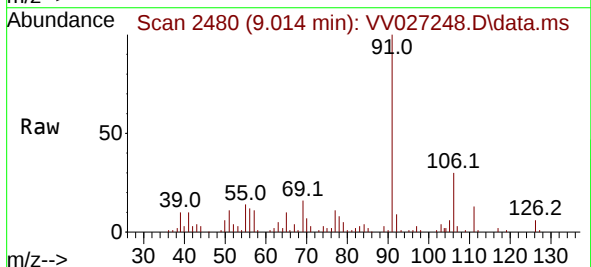
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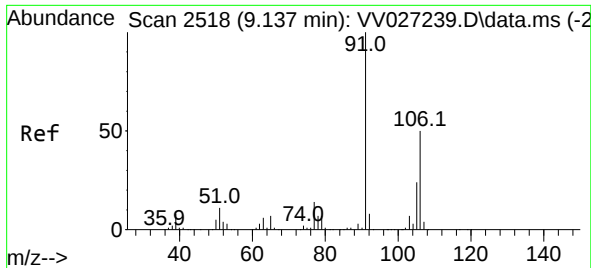
Reviewed By :Mahesh Dadoda 08/09/2022
Supervised By :Semsettin Yesilyurt 08/09/2022



#52
Ethylbenzene
Concen: 2.391 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.006 min
Lab File: VV027248.D
Acq: 08 Aug 2022 16:21

Tgt Ion: 91 Resp: 35603
Ion Ratio Lower Upper
91 100
106 29.5 21.8 40.6





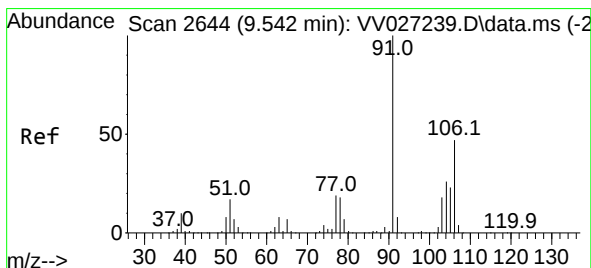
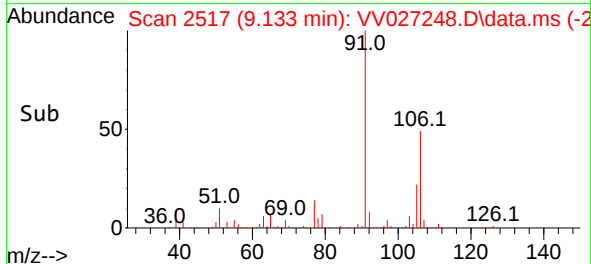
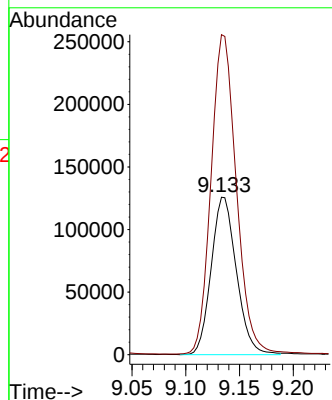
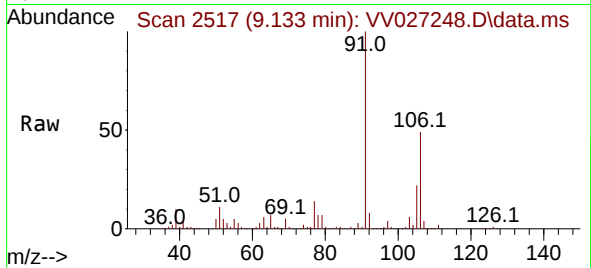
#53
m,p-Xylene
Concen: 36.531 ug/L
RT: 9.133 min Scan# 2518
Delta R.T. -0.003 min
Lab File: VV027248.D
Acq: 08 Aug 2022 16:21

Instrument :
MSVOA_V
ClientSampleId :
C0ZF2MEDL

Tgt Ion:106 Resp: 205574
Ion Ratio Lower Upper
106 100
91 203.2 137.5 255.3

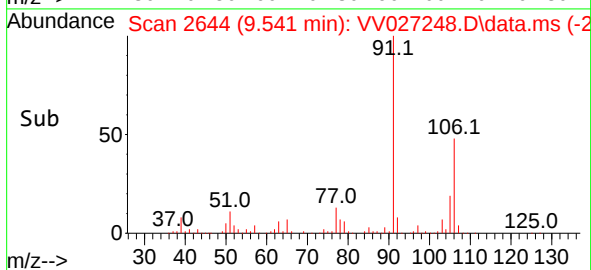
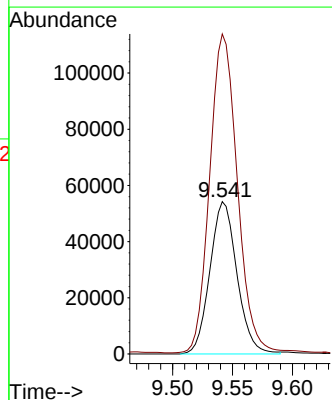
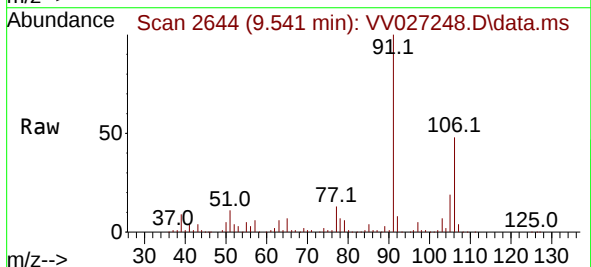
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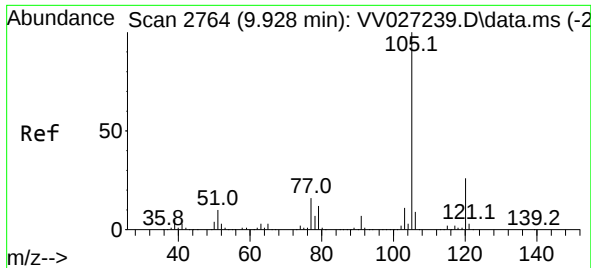
Reviewed By :Mahesh Dadoda 08/09/2022
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#54
o-Xylene
Concen: 15.512 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV027248.D
Acq: 08 Aug 2022 16:21

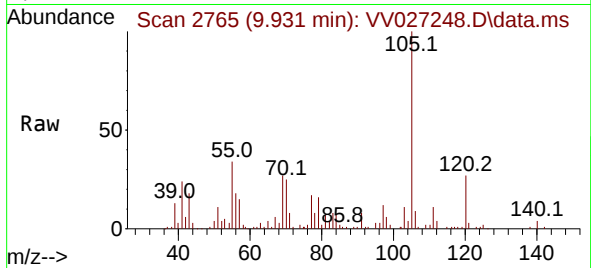
Tgt Ion:106 Resp: 85041
Ion Ratio Lower Upper
106 100
91 210.0 146.6 272.2





#60
Isopropylbenzene
Concen: 2.232 ug/L m
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV027248.D
Acq: 08 Aug 2022 16:21

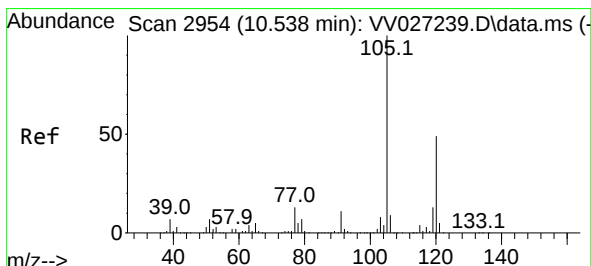
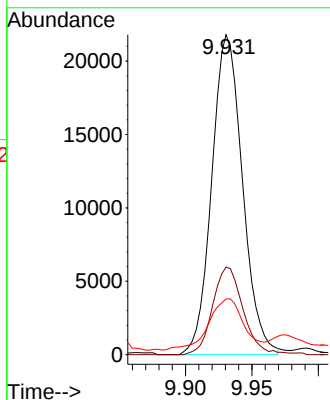
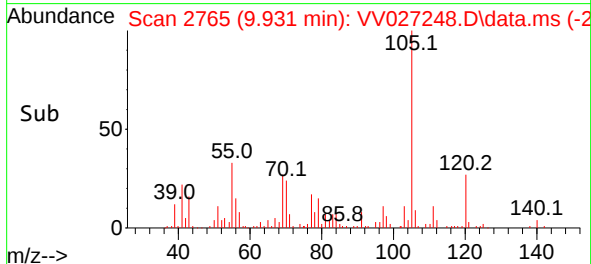
Instrument :
MSVOA_V
ClientSampleId :
C0ZF2MEDL



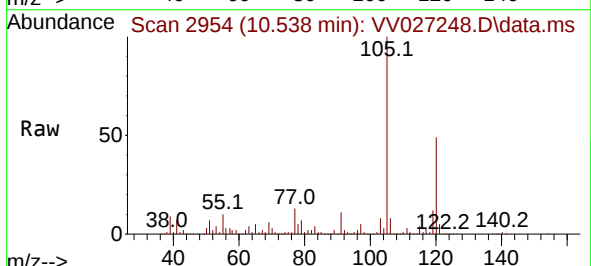
Tgt Ion:105 Resp: 35092
Ion Ratio Lower Upper
105 100
120 515.9 21.4 32.0
77 202.5 11.8 17.6

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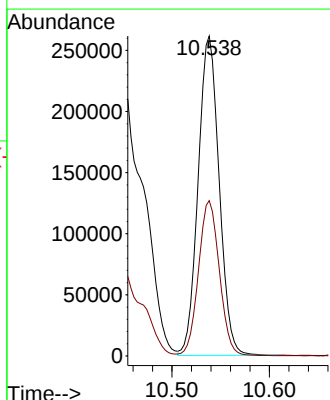
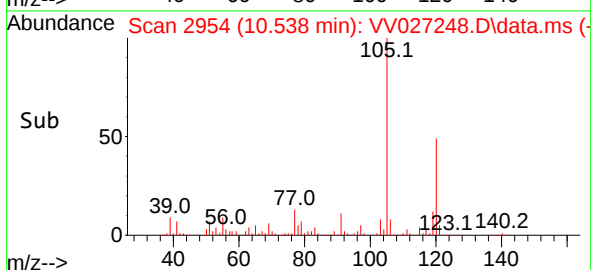
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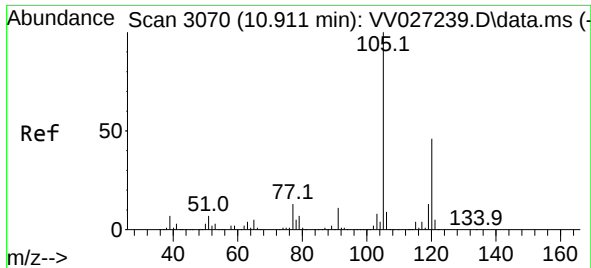


#62
1,3,5-Trimethylbenzene
Concen: 30.140 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV027248.D
Acq: 08 Aug 2022 16:21



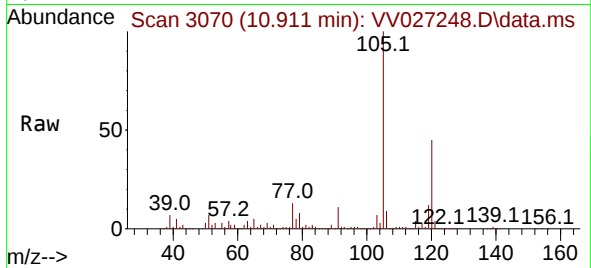
Tgt Ion:105 Resp: 391307
Ion Ratio Lower Upper
105 100
120 48.1 39.3 58.9





#63
 1,2,4-Trimethylbenzene
 Concen: 82.763 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. -0.000 min
 Lab File: VV027248.D
 Acq: 08 Aug 2022 16:21

Instrument :
 MSVOA_V
 ClientSampleId :
 C0ZF2MEDL



Tgt Ion:105 Resp: 1052604
 Ion Ratio Lower Upper
 105 100
 120 44.9 37.0 55.6

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