

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060421\
 Data File : VV021515.D
 Acq On : 04 Jun 2021 18:28
 Operator : SY/MD
 Sample : M2596-06ME
 Misc : 5.69g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG5Q2ME

Manual Integrations
 APPROVED

MMDadoda
 6/8/2021 10:04:26 AM

Quant Time: Jun 05 03:59:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM052721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 05 03:34:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	481379	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.860	117	404952	50.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	11.259	152	244733	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	90454	28.540	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	57.080%#		
7) Chloroethane-d5	1.561	69	49534	21.010	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	42.020%#		
11) 1,1-Dichloroethene-d2	2.089	63	126572	23.372	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	46.740%#		
21) 2-Butanone-d5	3.892	46	190010	83.607	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	83.610%		
24) Chloroform-d	4.349	84	245199	38.865	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	77.720%		
26) 1,2-Dichloroethane-d4	5.031	65	150551	41.430	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.860%		
32) Benzene-d6	5.047	84	477124	42.117	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.240%		
36) 1,2-Dichloropropane-d6	6.072	67	161660	46.209	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.420%		
41) Toluene-d8	7.320	98	444729	41.205	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.420%		
43) trans-1,3-Dichloroprop...	7.625	79	87633	46.807	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.620%		
47) 2-Hexanone-d5	8.121	63	154746m	96.329	ug/L	0.03
Spiked Amount 100.000	Range 45 - 130		Recovery =	96.330%		
56) 1,1,2,2-Tetrachloroeth...	10.230	84	337804	69.560	ug/L	0.01
Spiked Amount 50.000	Range 65 - 120		Recovery =	139.120%#		
66) 1,2-Dichlorobenzene-d4	11.632	152	191142	37.572	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	75.140%#		
Target Compounds						Qvalue
29) Cyclohexane	4.667	56	85855	18.198	ug/L	# 67
35) Methylcyclohexane	6.130	83	659710	130.443	ug/L	88
42) Toluene	7.394	91	15010	1.167	ug/L	86
52) Ethylbenzene	9.021	91	71807	5.085	ug/L	92
60) Isopropylbenzene	9.940	105	2566932	169.266	ug/L	97
62) 1,3,5-Trimethylbenzene	10.548	105	82321	6.305	ug/L	92
63) 1,2,4-Trimethylbenzene	10.921	105	2247395	170.406	ug/L	98

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

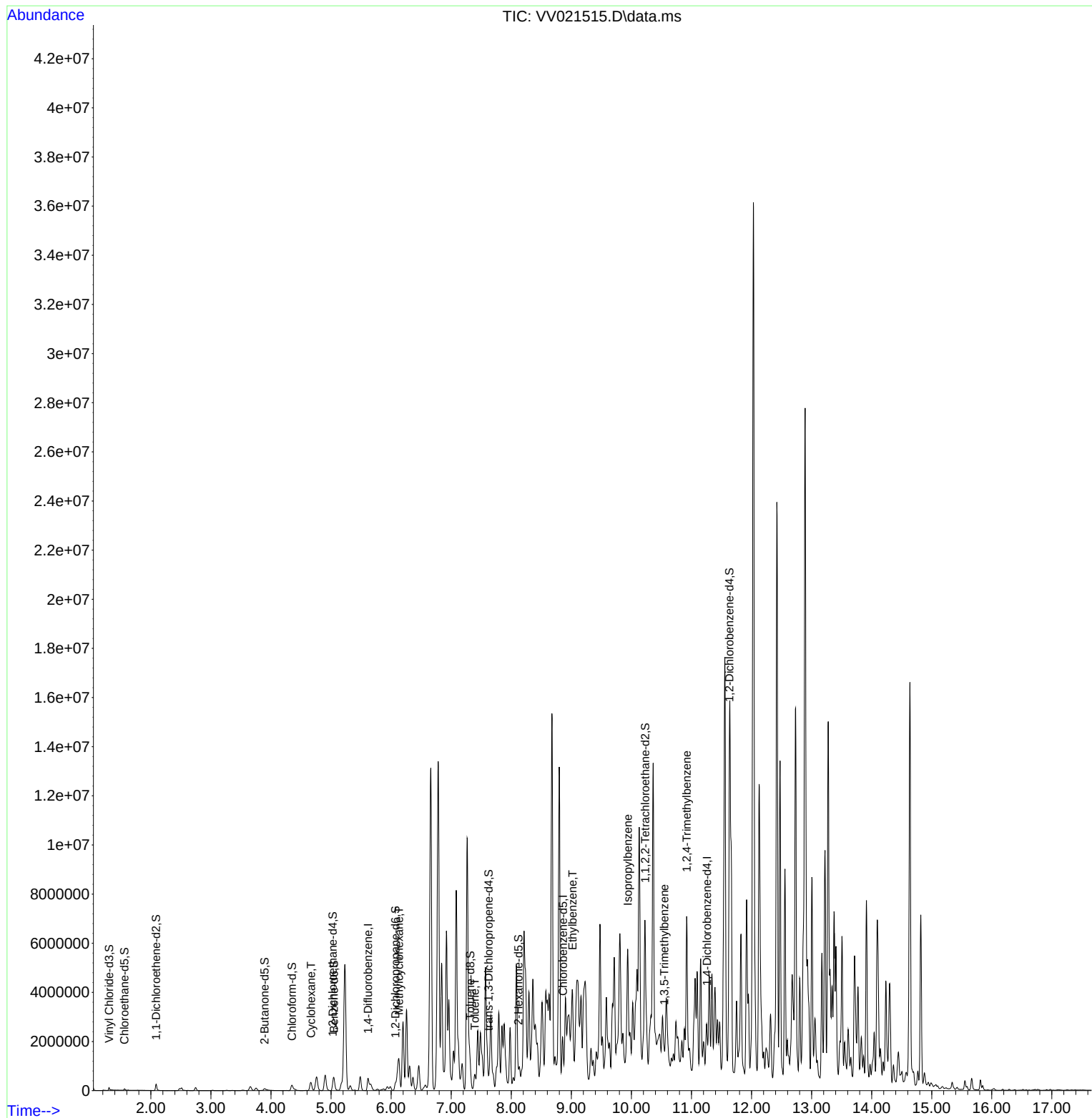
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060421\
Data File : VV021515.D
Acq On : 04 Jun 2021 18:28
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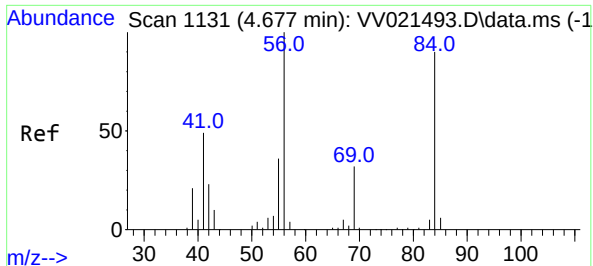
Instrument :
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Quant Time: Jun 05 03:59:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM052721WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 05 03:34:55 2021
Response via : Initial Calibration





#29

Cyclohexane

Concen: 18.198 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. -0.010 min

Lab File: VV021515.D

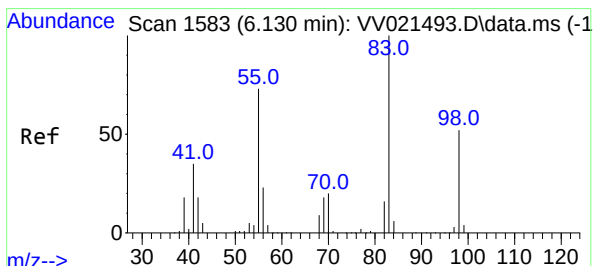
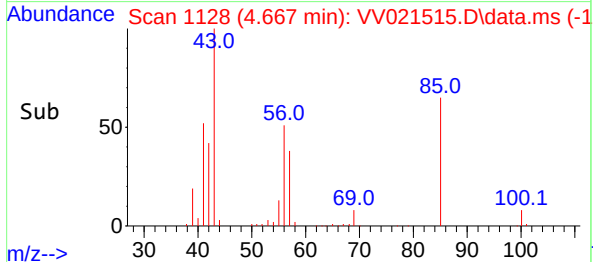
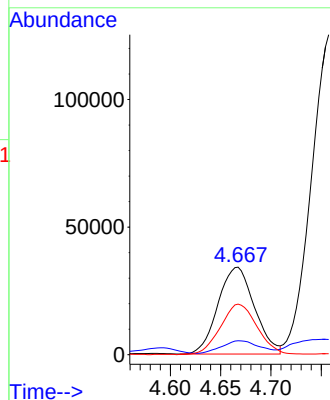
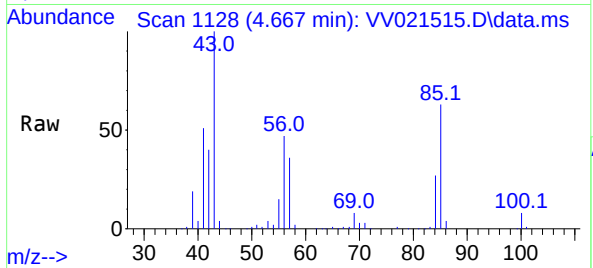
Acq: 04 Jun 2021 18:28

Tgt Ion:	56	Resp:	85855
Ion	Ratio	Lower	Upper
56	100		
69	14.5	24.9	37.3#
84	59.1	73.7	110.5#

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#35

Methylcyclohexane

Concen: 130.443 ug/L

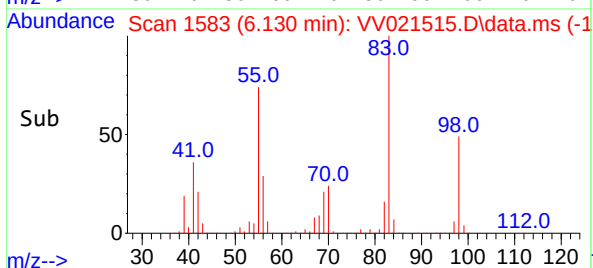
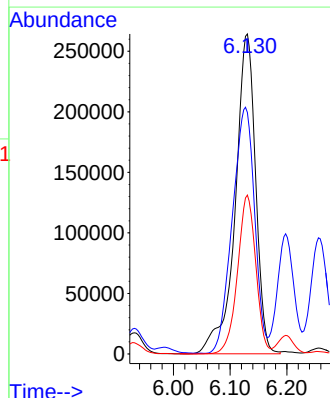
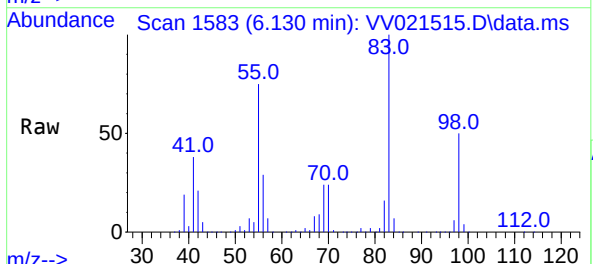
RT: 6.130 min Scan# 1583

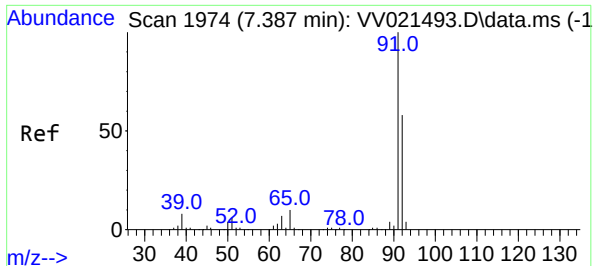
Delta R.T. 0.000 min

Lab File: VV021515.D

Acq: 04 Jun 2021 18:28

Tgt Ion:	83	Resp:	659710
Ion	Ratio	Lower	Upper
83	100		
55	83.9	58.0	87.0
98	44.6	40.8	61.2





#42

Toluene

Concen: 1.167 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.006 min

Lab File: VV021515.D

Acq: 04 Jun 2021 18:28

Tgt Ion: 91 Resp: 15010

Ion Ratio Lower Upper

91 100

92 48.2 40.9 75.9

Instrument :

MSVOA_V

ClientSampled :

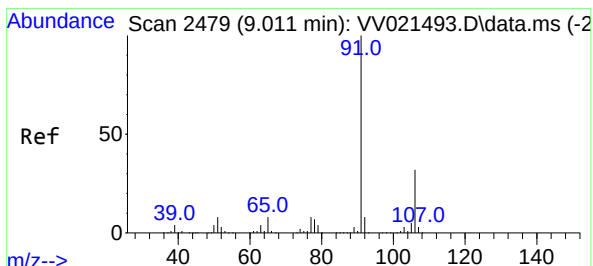
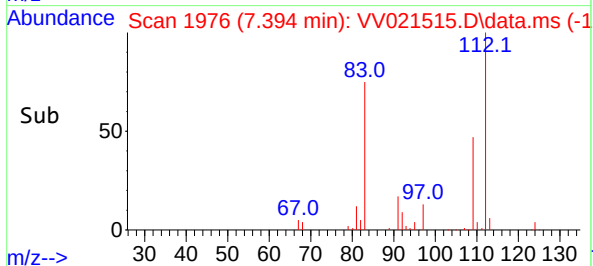
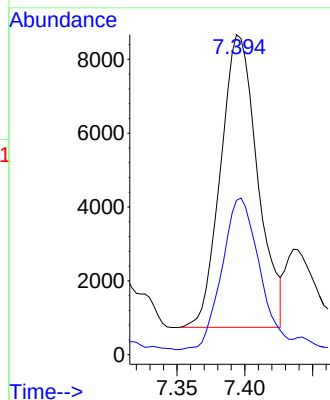
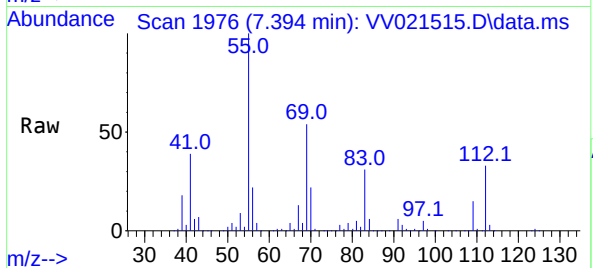
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#52

Ethylbenzene

Concen: 5.085 ug/L

RT: 9.021 min Scan# 2482

Delta R.T. 0.010 min

Lab File: VV021515.D

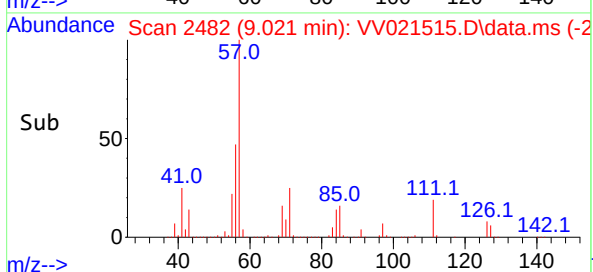
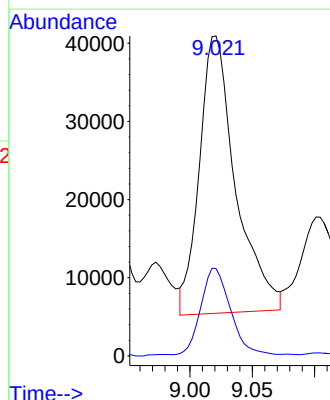
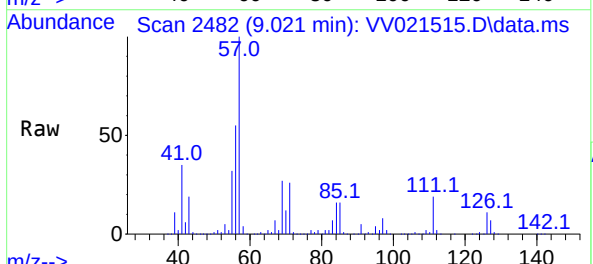
Acq: 04 Jun 2021 18:28

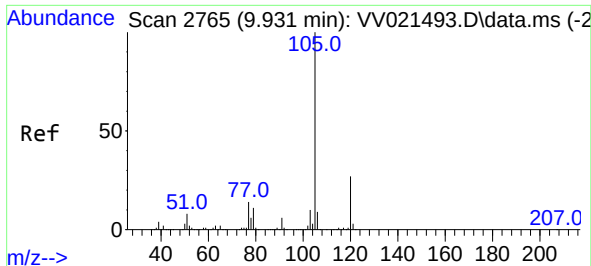
Tgt Ion: 91 Resp: 71807

Ion Ratio Lower Upper

91 100

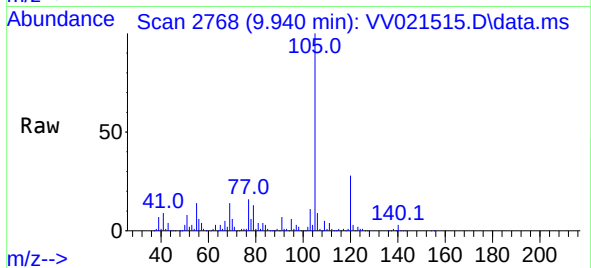
106 27.3 22.4 41.6





#60
Isopropylbenzene
Concen: 169.266 ug/L
RT: 9.940 min Scan# 2768
Delta R.T. 0.010 min
Lab File: VV021515.D
Acq: 04 Jun 2021 18:28

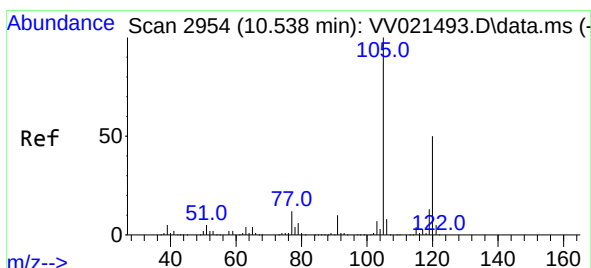
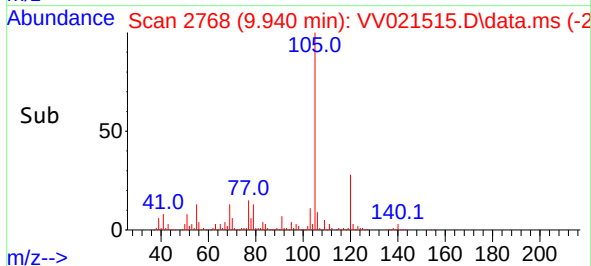
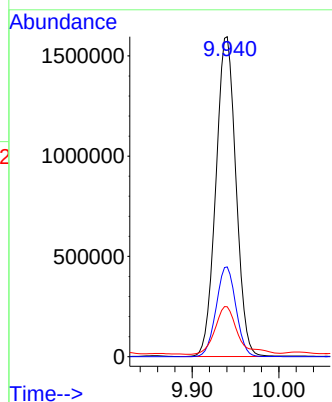
Instrument :
MSVOA_V
ClientSampleId :
BG5Q2ME



Tgt Ion:105 Resp: 2566932
Ion Ratio Lower Upper
105 100
120 27.8 21.7 32.5
77 16.9 11.5 17.3

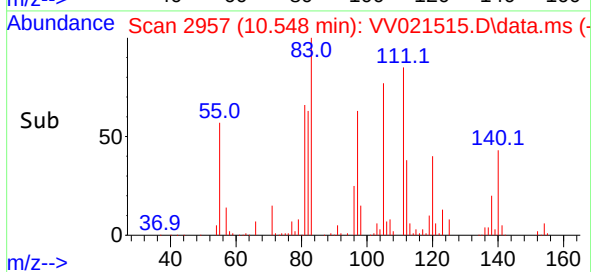
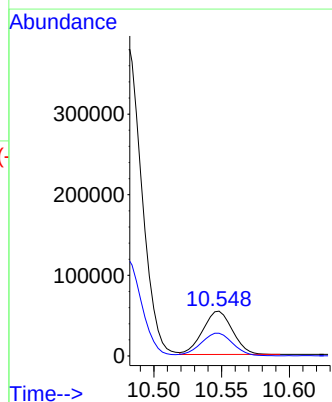
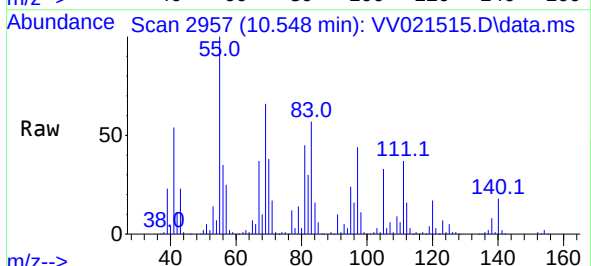
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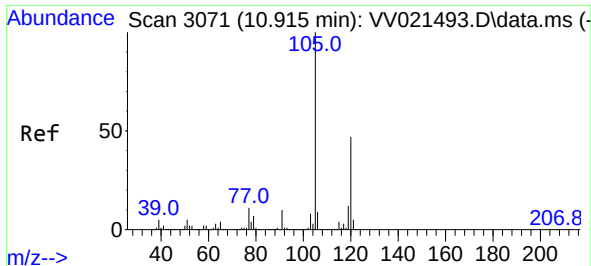
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6/8/2021 10:04:26 AM



#62
1,3,5-Trimethylbenzene
Concen: 6.305 ug/L
RT: 10.548 min Scan# 2957
Delta R.T. 0.010 min
Lab File: VV021515.D
Acq: 04 Jun 2021 18:28

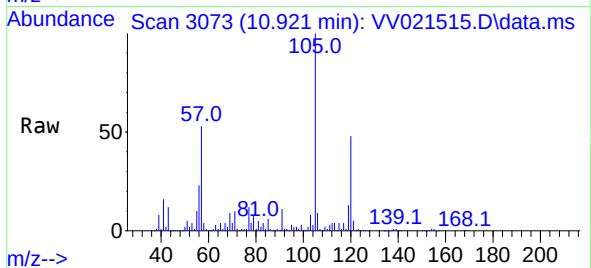
Tgt Ion:105 Resp: 82321
Ion Ratio Lower Upper
105 100
120 55.9 40.1 60.1





#63
 1,2,4-Trimethylbenzene
 Concen: 170.406 ug/L
 RT: 10.921 min Scan# 3073
 Delta R.T. 0.006 min
 Lab File: VV021515.D
 Acq: 04 Jun 2021 18:28

Instrument :
 MSVOA_V
 ClientSampleId :
 BG5Q2ME



Tgt Ion:105 Resp: 2247395
 Ion Ratio Lower Upper
 105 100
 120 47.6 37.0 55.4

Manual Integrations
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