

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011722\
 Data File : VW024377.D
 Acq On : 17 Jan 2022 15:50
 Operator : SY/MD
 Sample : N1115-16
 Misc : 6.56g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGLS6

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/24/2022
 Supervised By : Mahesh Dadoda 01/24/2022

Quant Time: Jan 20 15:31:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 20 01:01:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	334611	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	302794	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	161016	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	91138	37.846	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	75.700%		
7) Chloroethane-d5	1.568	69	59411	32.476	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	64.960%#		
11) 1,1-Dichloroethene-d2	2.088	63	131438	29.204	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	58.400%#		
21) 2-Butanone-d5	3.889	46	100750	75.092	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	75.090%		
24) Chloroform-d	4.339	84	185767	42.208	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.420%		
26) 1,2-Dichloroethane-d4	5.024	65	121678	41.292	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.580%		
32) Benzene-d6	5.037	84	376697	47.674	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.340%		
36) 1,2-Dichloropropane-d6	6.063	67	116352	52.542	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	105.080%		
41) Toluene-d8	7.310	98	361388	47.237	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.480%		
43) trans-1,3-Dichloroprop...	7.619	79	59058	46.314	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.620%		
47) 2-Hexanone-d5	8.127	63	87555m	91.005	ug/L	0.04
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.000%		
56) 1,1,2,2-Tetrachloroeth...	10.226	84	172875	54.627	ug/L	0.02
Spiked Amount 50.000	Range 65 - 120		Recovery =	109.260%		
66) 1,2-Dichlorobenzene-d4	11.628	152	146725	45.717	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.440%		
Target Compounds						Qvalue
13) Acetone	2.178	43	6122	4.621	ug/L	79
22) 2-Butanone	3.992	43	16913m	12.019	ug/L	
35) Methylcyclohexane	6.120	83	56967	18.092	ug/L #	88
42) Toluene	7.390	91	12154	1.406	ug/L	94
52) Ethylbenzene	9.011	91	164375	17.803	ug/L	99
53) m,p-Xylene	9.140	106	31888	8.616	ug/L	96
54) o-Xylene	9.548	106	6595	1.867	ug/L	99
60) Isopropylbenzene	9.931	105	1292127	145.022	ug/L	98
63) 1,2,4-Trimethylbenzene	10.918	105	680055	88.879	ug/L	100

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

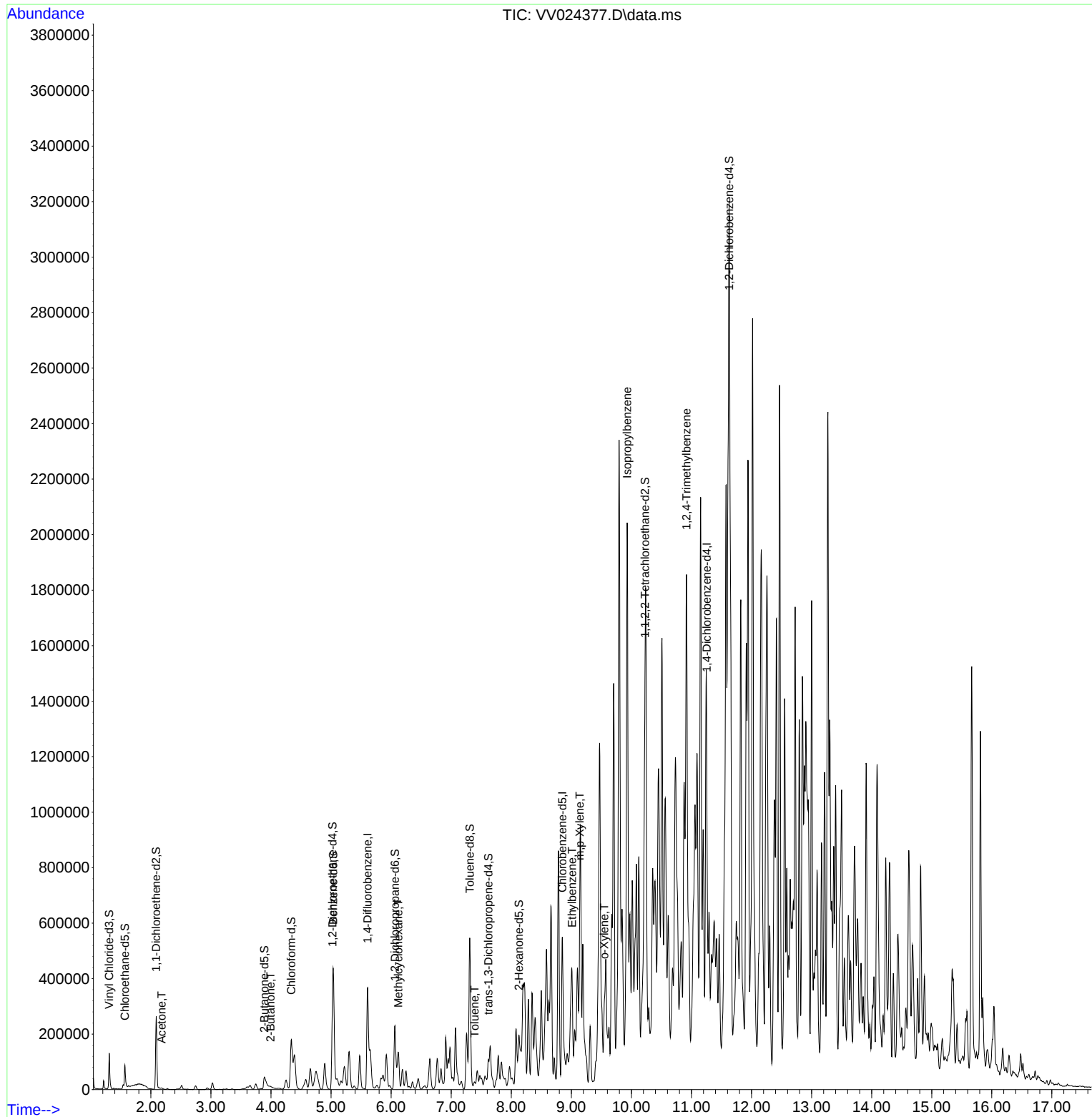
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011722\
Data File : VV024377.D
Acq On : 17 Jan 2022 15:50
Operator : SY/MD
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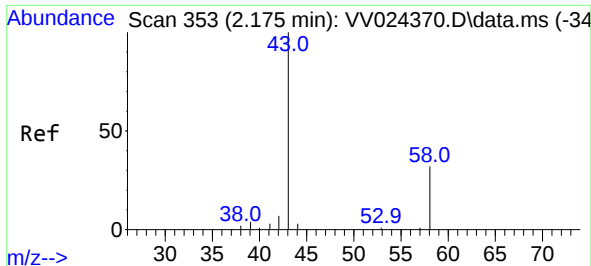
Instrument :
MSVOA_V
ClientSampleId :
BGLS6

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Quant Time: Jan 20 15:31:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 20 01:01:42 2022
Response via : Initial Calibration





#13

Acetone

Concen: 4.621 ug/L

RT: 2.178 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV024377.D

Acq: 17 Jan 2022 15:50

Instrument :

MSVOA_V

ClientSampleId :

BGLS6

Tgt Ion: 43 Resp: 612

Ion Ratio Lower Upper

43 100

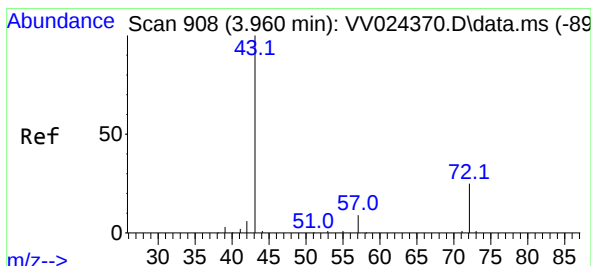
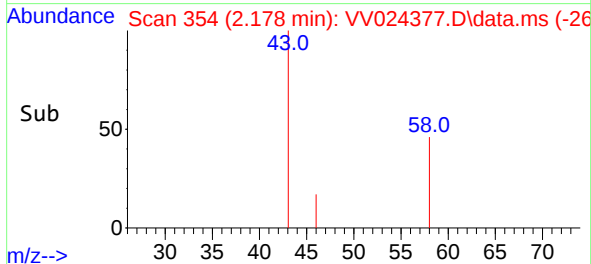
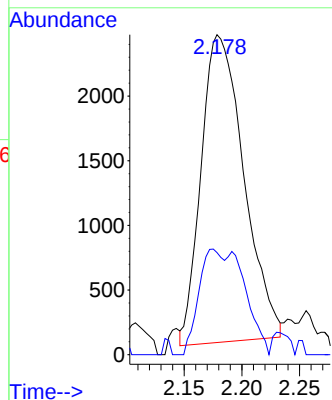
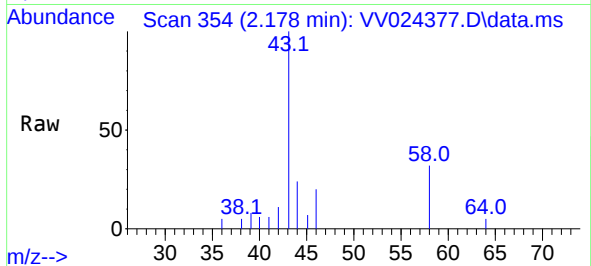
58 20.1 0.0 63.0

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#22

2-Butanone

Concen: 12.019 ug/L m

RT: 3.992 min Scan# 918

Delta R.T. 0.029 min

Lab File: VV024377.D

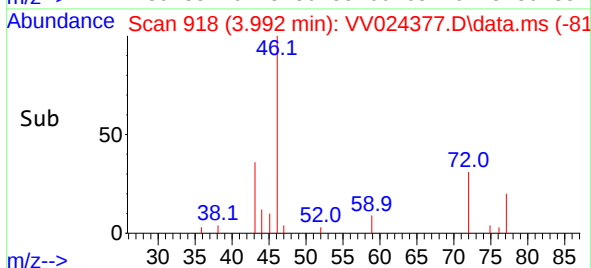
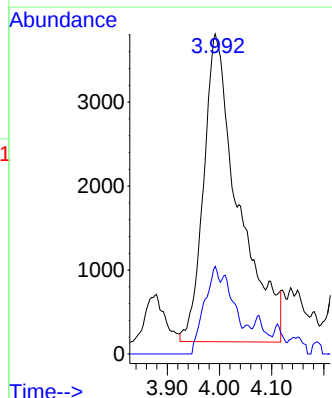
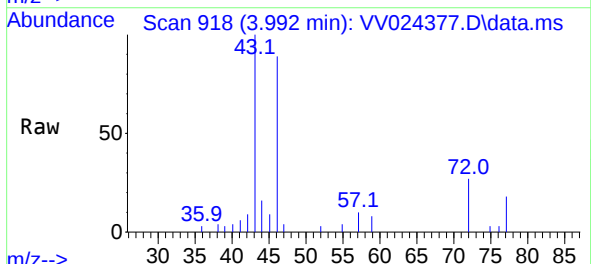
Acq: 17 Jan 2022 15:50

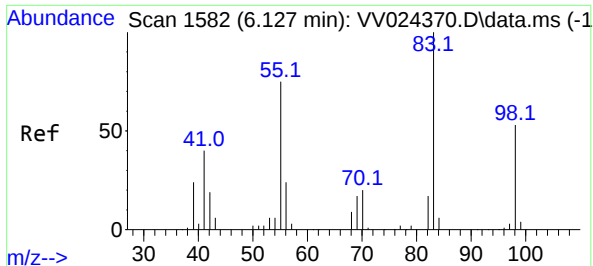
Tgt Ion: 43 Resp: 16913

Ion Ratio Lower Upper

43 100

72 12.6 14.9 44.9#





#35

Methylcyclohexane

Concen: 18.092 ug/L

RT: 6.120 min Scan# 11

Delta R.T. -0.007 min

Lab File: VV024377.D

Acq: 17 Jan 2022 15:50

Instrument :

MSVOA_V

ClientSampleId :

BGLS6

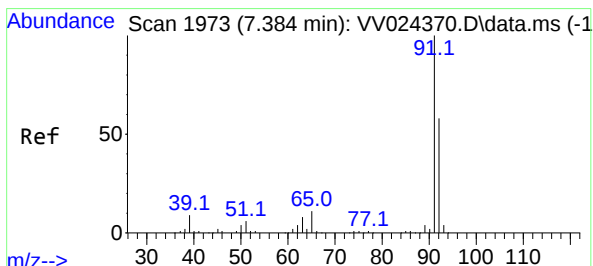
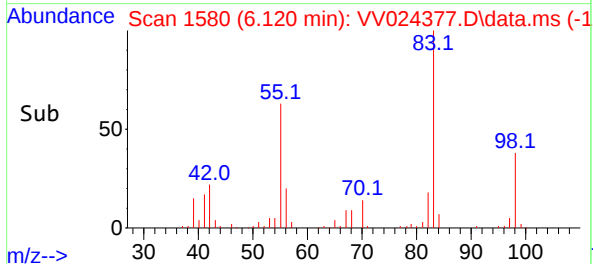
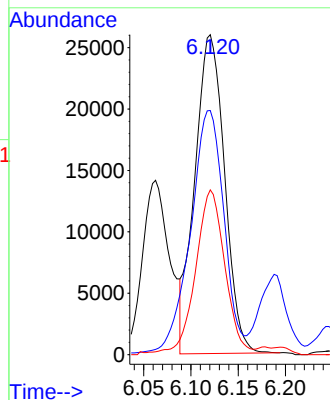
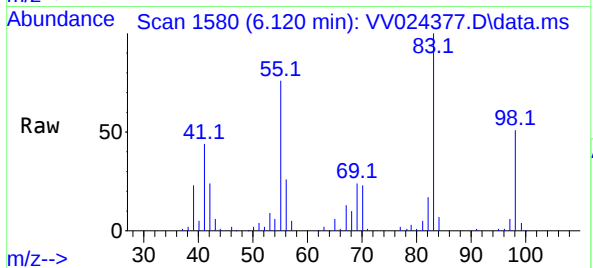
Tgt Ion: 83	Resp: 5696
Ion Ratio	Lower Upper
83	100
55	84.6 55.6 83.4
98	49.8 41.3 61.9

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#42

Toluene

Concen: 1.406 ug/L

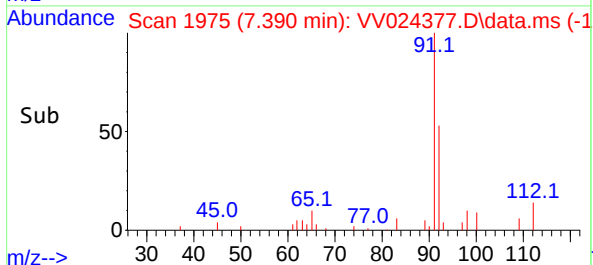
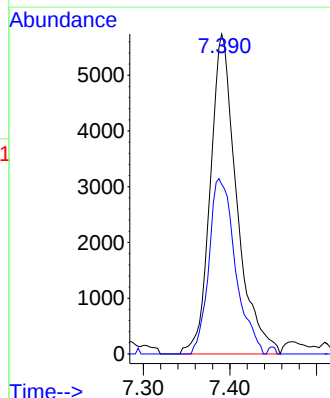
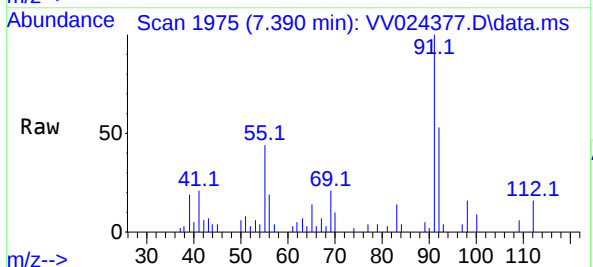
RT: 7.390 min Scan# 1975

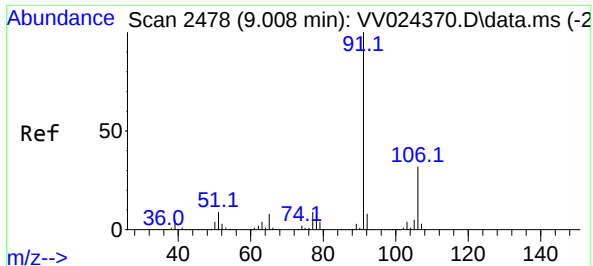
Delta R.T. 0.006 min

Lab File: VV024377.D

Acq: 17 Jan 2022 15:50

Tgt Ion: 91	Resp: 12154
Ion Ratio	Lower Upper
91	100
92	53.0 40.4 75.0





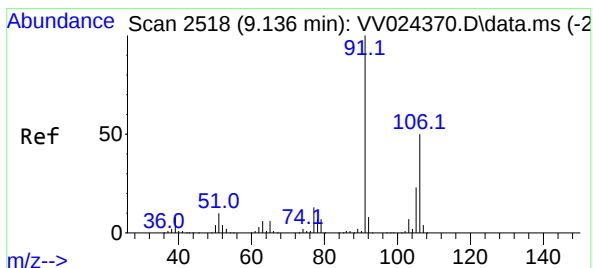
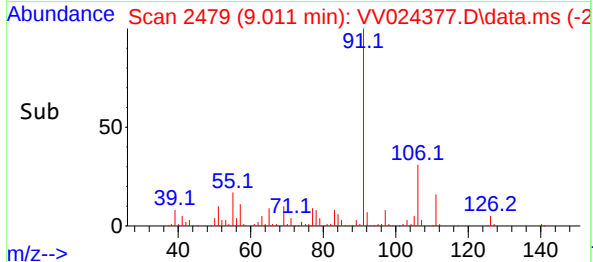
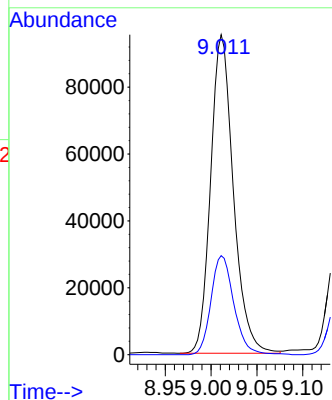
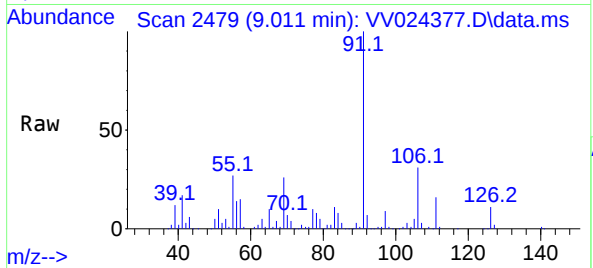
#52
Ethylbenzene
Concen: 17.803 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV024377.D
Acq: 17 Jan 2022 15:50

Instrument :
MSVOA_V
ClientSampleId :
BGLS6

Tgt Ion: 91 Resp: 164375
Ion Ratio Lower Upper
91 100
106 31.0 22.0 41.0

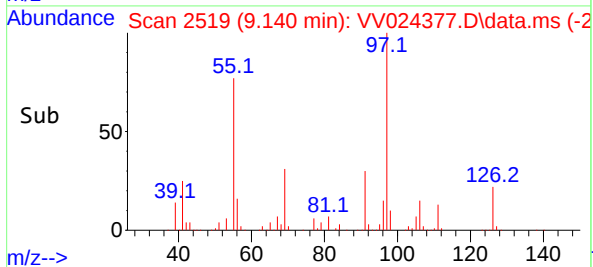
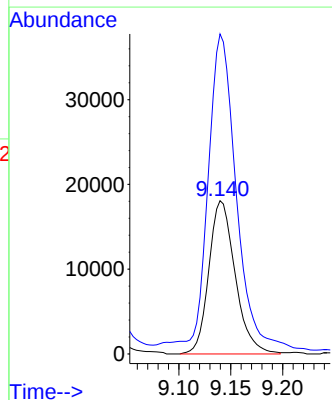
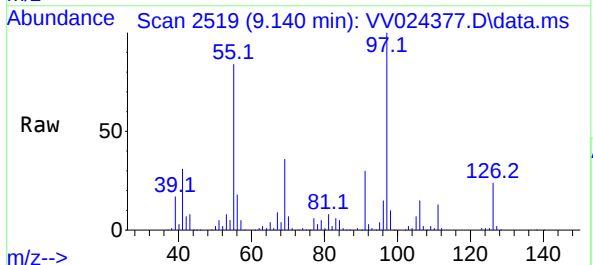
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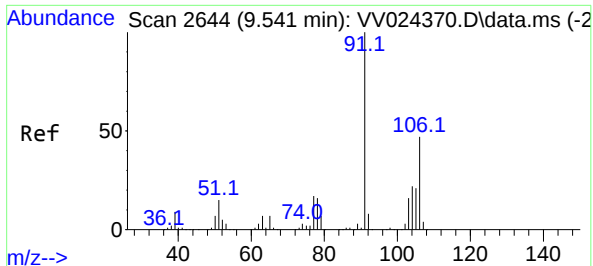
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#53
m,p-Xylene
Concen: 8.616 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.006 min
Lab File: VV024377.D
Acq: 17 Jan 2022 15:50

Tgt Ion:106 Resp: 31888
Ion Ratio Lower Upper
106 100
91 208.7 141.8 263.4





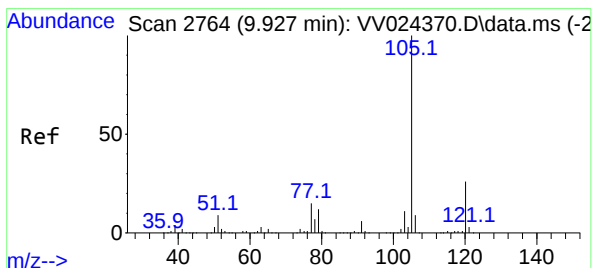
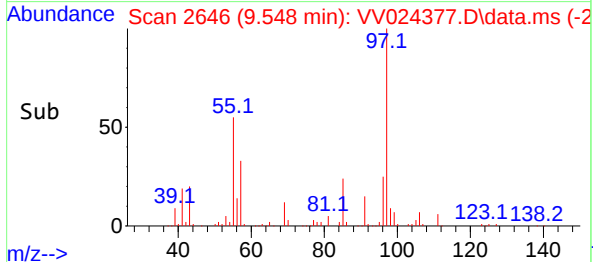
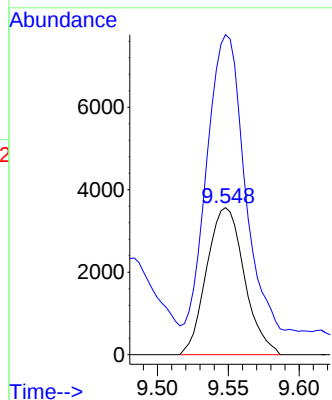
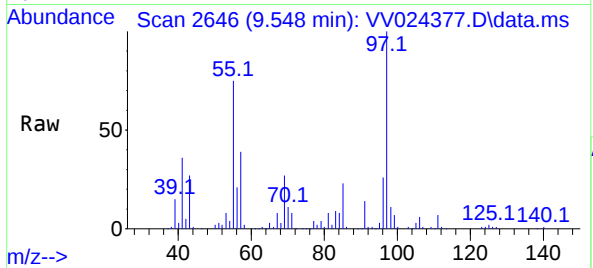
#54
o-Xylene
Concen: 1.867 ug/L
RT: 9.548 min Scan# 2059
Delta R.T. 0.010 min
Lab File: VV024377.D
Acq: 17 Jan 2022 15:50

Instrument :
MSVOA_V
ClientSampleId :
BGLS6

Tgt Ion:106 Resp: 6598
Ion Ratio Lower Upper
106 100
91 217.5 150.9 280.3

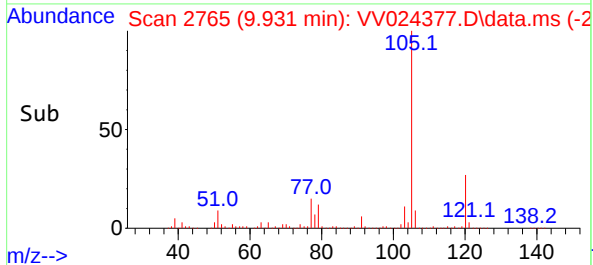
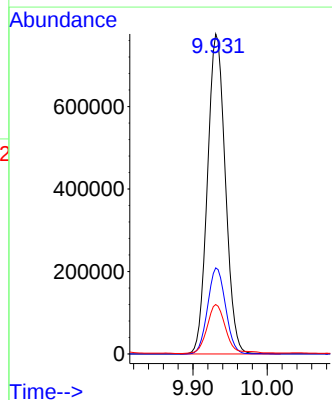
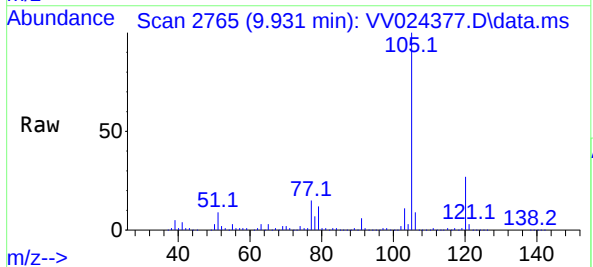
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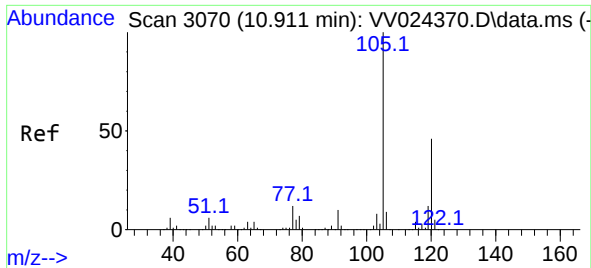
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#60
Isopropylbenzene
Concen: 145.022 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.003 min
Lab File: VV024377.D
Acq: 17 Jan 2022 15:50

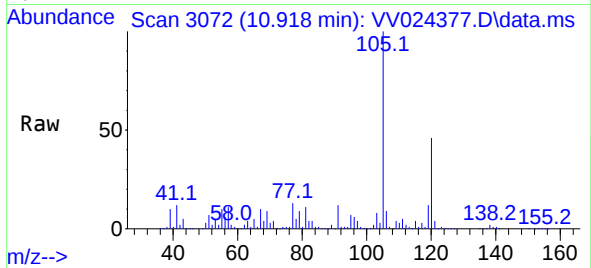
Tgt Ion:105 Resp: 1292127
Ion Ratio Lower Upper
105 100
120 27.0 21.9 32.9
77 16.1 11.9 17.9





#63
 1,2,4-Trimethylbenzene
 Concen: 88.879 ug/L
 RT: 10.918 min Scan# 3072
 Delta R.T. 0.006 min
 Lab File: VV024377.D
 Acq: 17 Jan 2022 15:50

Instrument :
 MSVOA_V
 ClientSampleId :
 BGLS6



Tgt Ion:105 Resp: 68005
 Ion Ratio Lower Upper
 105 100
 120 45.7 36.6 55.0

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