

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
 Data File : VW021025.D
 Acq On : 02 Dec 2021 05:28
 Operator : SY/VA
 Sample : M4881-13
 Misc : 3.02g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW9E9

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/03/2021
 Supervised By :Amit Patel 12/07/2021

Quant Time: Dec 03 00:22:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 02 07:10:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	51922	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	18092	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	2506	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	18139	30.118	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 120.480%			
7) Chloroethane-d5	2.885	69	13917	35.829	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 143.320%			
11) 1,1-Dichloroethene-d2	4.019	63	20727	17.787	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 71.160%			
21) 2-Butanone-d5	7.086	46	9810	65.258	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 130.520%			
24) Chloroform-d	7.653	84	40528	30.978	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 123.920%			
26) 1,2-Dichloroethane-d4	8.305	65	18271	27.514	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 110.040%			
32) Benzene-d6	8.274	84	66235	69.462	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 277.840%#			
36) 1,2-Dichloropropane-d6	9.274	67	21108	77.738	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 310.960%#			
41) Toluene-d8	10.323	98	35572	37.586	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 150.360%#			
43) trans-1,3-Dichloroprop...	10.579	79	2877	22.417	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 89.680%			
47) 2-Hexanone-d5	10.920	63	4517	100.303	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 200.600%#			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	8599	41.340	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 165.360%#			
66) 1,2-Dichlorobenzene-d4	13.853	152	2193	24.553	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.200%			
Target Compounds						Qvalue
13) Acetone	4.129	43	2332	17.375	ug/L	76
14) Carbon disulfide	4.379	76	7786m	4.425	ug/L	
16) Methylene chloride	4.915	84	3598	4.969	ug/L	80
27) 1,2-Dichloroethane	8.402	62	1903	2.475	ug/L	96
29) Cyclohexane	7.957	56	3813	9.453	ug/L	90
33) Benzene	8.323	78	20536	20.047	ug/L	100
34) Trichloroethene	9.091	95	311942	1088.720	ug/L	91
35) Methylcyclohexane	9.335	83	10462	22.147	ug/L	87
42) Toluene	10.390	91	46194	40.091	ug/L	98
46) Tetrachloroethene	10.865	164	819	3.113	ug/L	93
52) Ethylbenzene	11.731	91	7428	5.818	ug/L	92
53) m,p-Xylene	11.835	106	11242	21.567	ug/L	91
54) o-Xylene	12.164	106	8105	16.190	ug/L	92
60) Isopropylbenzene	12.463	105	2542	7.447	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	791m	2.747	ug/L	
63) 1,2,4-Trimethylbenzene	13.249	105	3476	12.236	ug/L	93

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

Instrument :

MSVOA_W

ClientSampleId :

EW9E9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/03/2021

Supervised By :Amit Patel 12/07/2021

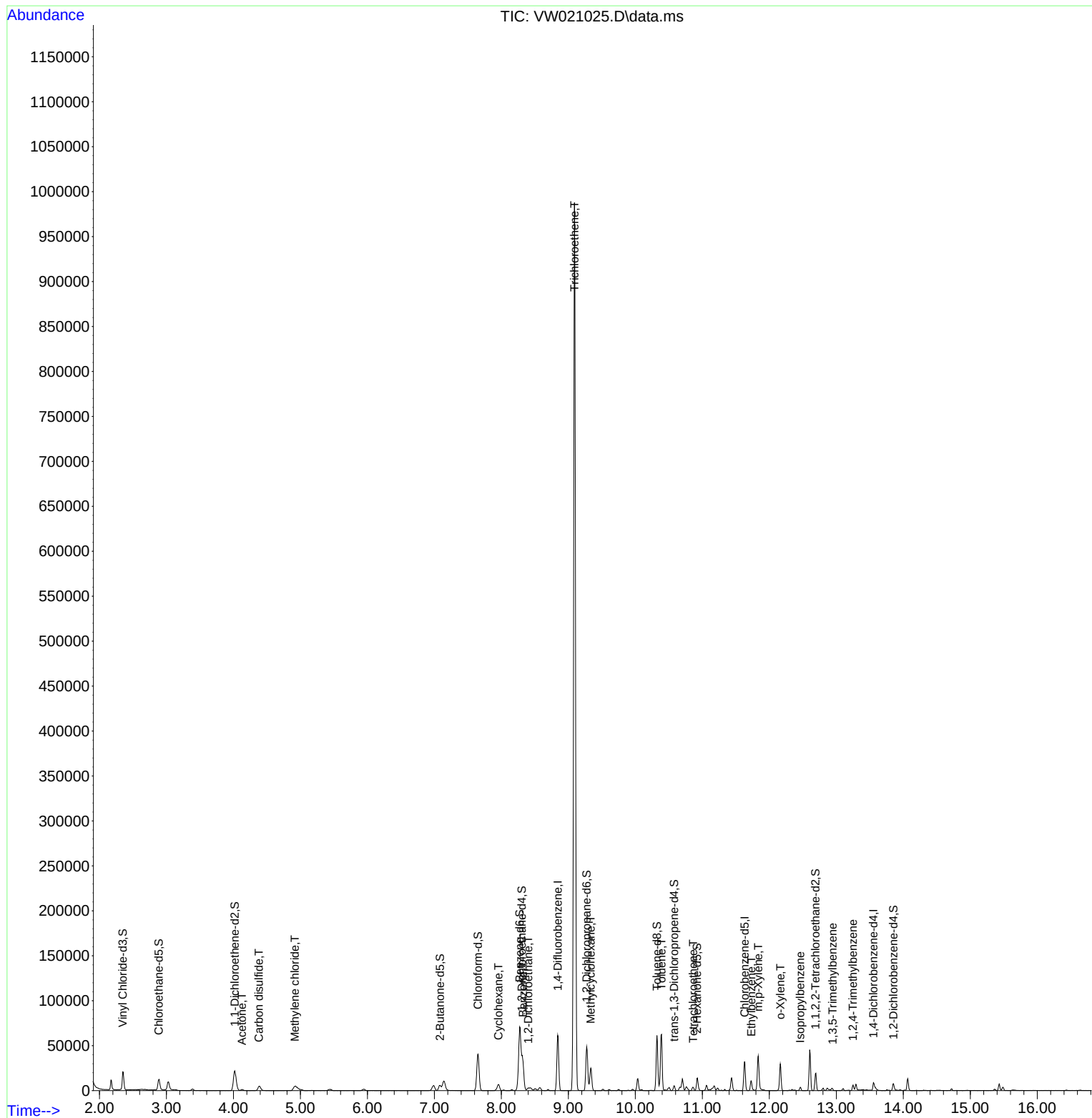
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
Data File : VW021025.D
Acq On : 02 Dec 2021 05:28
Operator : SY/VA
Sample : M4881-13
Misc : 3.02g/10.0mL/MSVOA_W/SOIL
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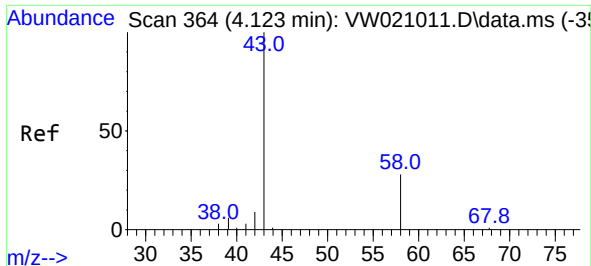
Instrument :
MSVOA_W
ClientSampleId :
EW9E9

Manual Integrations
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Quant Time: Dec 03 00:22:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Dec 02 07:10:34 2021
Response via : Initial Calibration





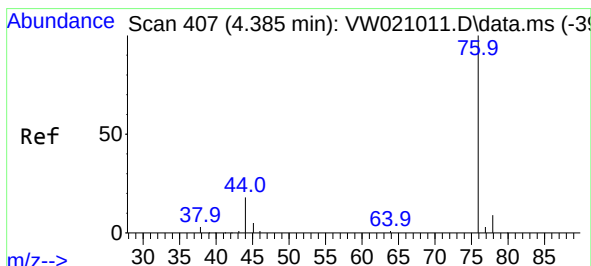
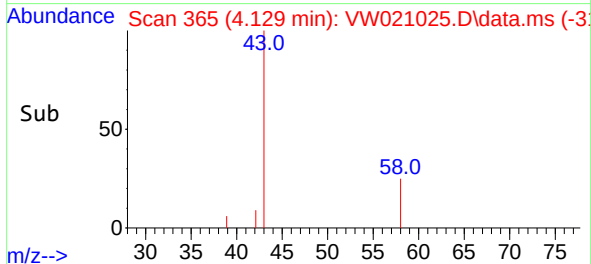
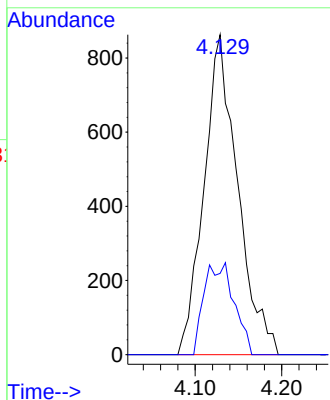
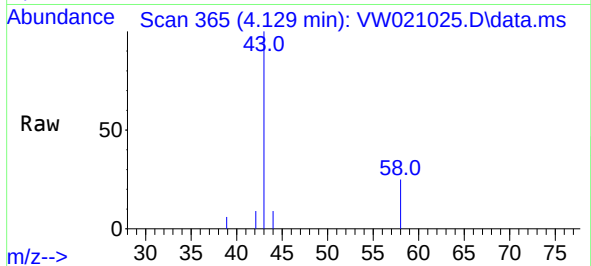
#13
Acetone
Concen: 17.375 ug/L
RT: 4.129 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW021025.D
Acq: 02 Dec 2021 05:28

Instrument :
MSVOA_W
ClientSampleId :
EW9E9

Tgt Ion: 43 Resp: 233
Ion Ratio Lower Upper
43 100
58 14.2 0.0 52.8

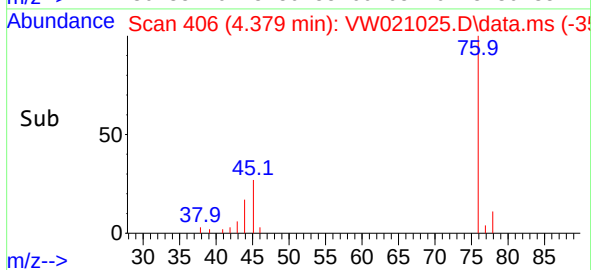
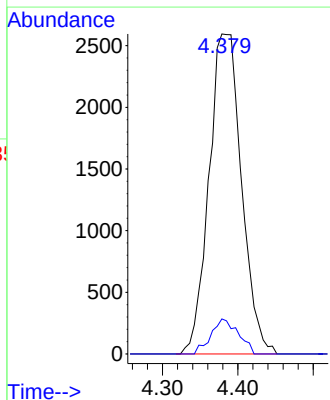
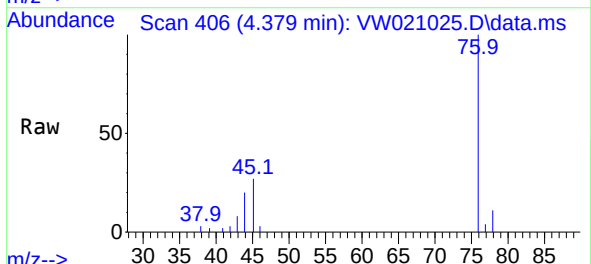
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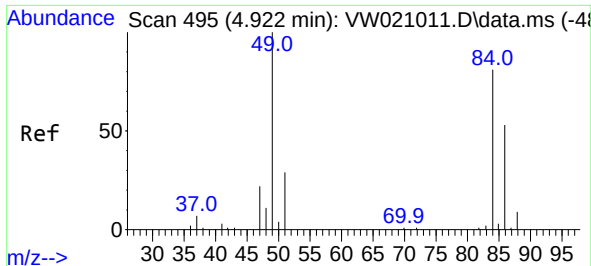
Reviewed By :Semsettin Yesilyurt 12/03/2021
Supervised By :Amit Patel 12/07/2021



#14
Carbon disulfide
Concen: 4.425 ug/L m
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW021025.D
Acq: 02 Dec 2021 05:28

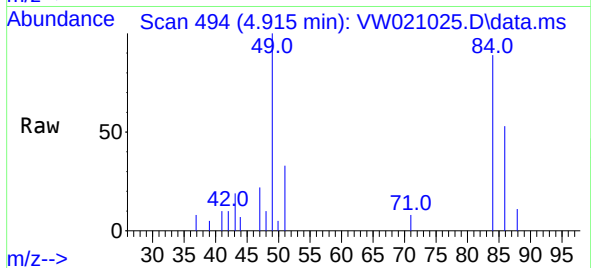
Tgt Ion: 76 Resp: 7786
Ion Ratio Lower Upper
76 100
78 10.9 7.1 10.7#





#16
Methylene chloride
Concen: 4.969 ug/L
RT: 4.915 min Scan# 495
Delta R.T. -0.006 min
Lab File: VW021025.D
Acq: 02 Dec 2021 05:28

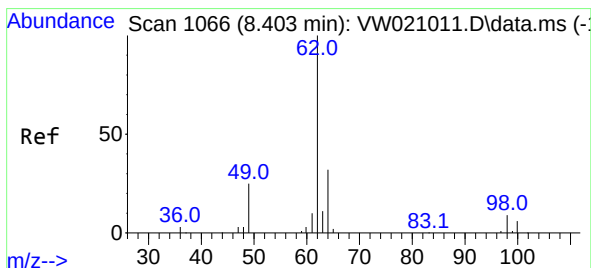
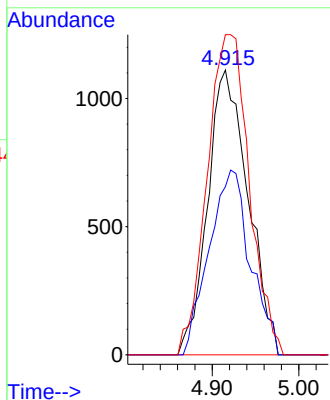
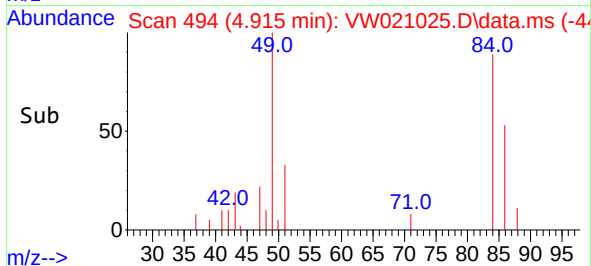
Instrument :
MSVOA_W
ClientSampleId :
EW9E9



Tgt Ion: 84 Resp: 3598
Ion Ratio Lower Upper
84 100
86 59.0 45.5 84.5
49 112.4 100.5 186.7

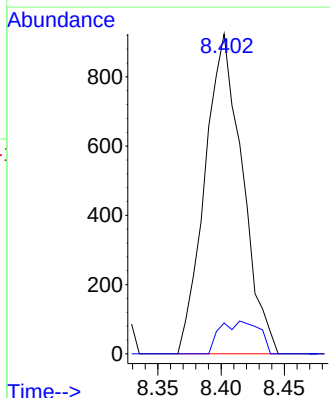
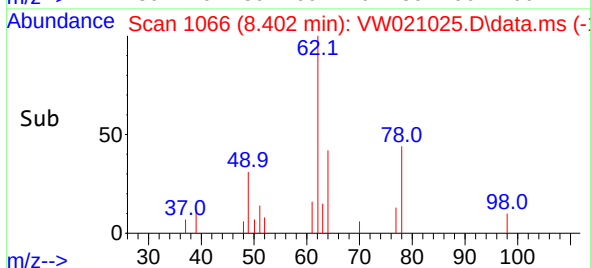
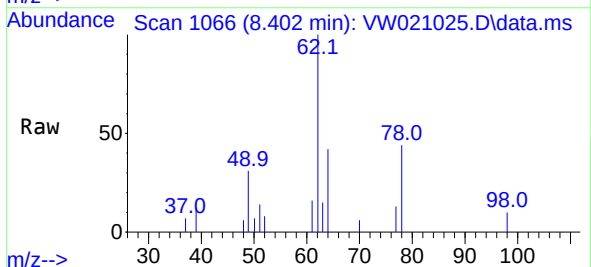
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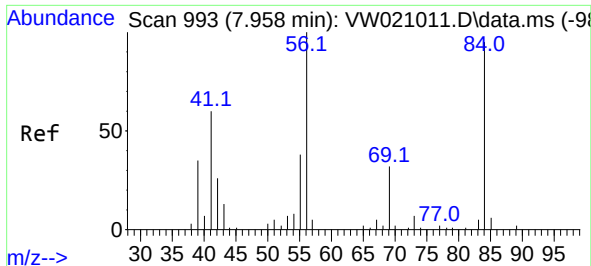
Reviewed By :Semsettin Yesilyurt 12/03/2021
Supervised By :Amit Patel 12/07/2021



#27
1,2-Dichloroethane
Concen: 2.475 ug/L
RT: 8.402 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW021025.D
Acq: 02 Dec 2021 05:28

Tgt Ion: 62 Resp: 1903
Ion Ratio Lower Upper
62 100
98 9.6 6.5 9.7





#29

Cyclohexane

Concen: 9.453 ug/L

RT: 7.957 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW021025.D

Acq: 02 Dec 2021 05:28

Instrument :

MSVOA_W

ClientSampleId :

EW9E9

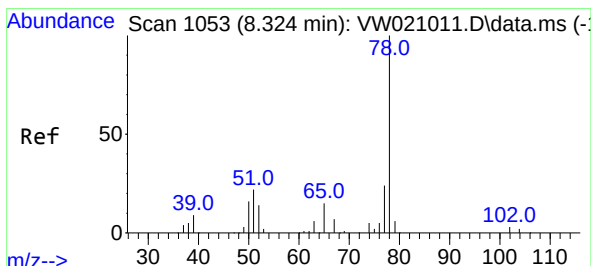
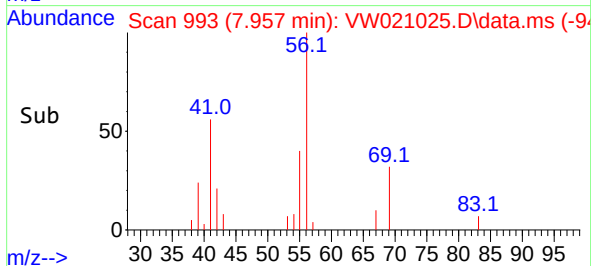
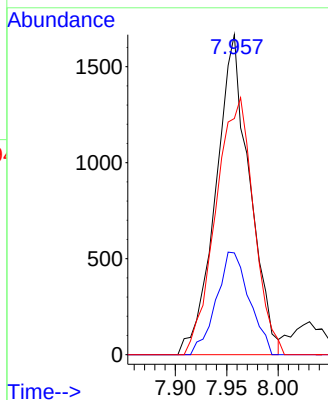
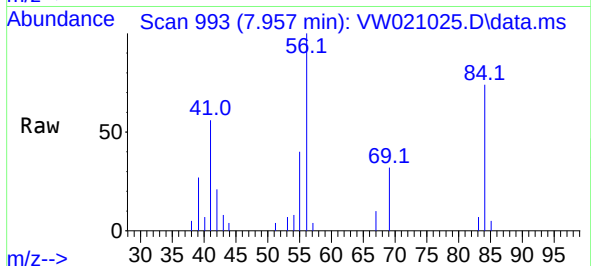
Tgt Ion: 56 Resp: 381

Ion	Ratio	Lower	Upper
56	100		
69	31.4	23.5	35.3
84	89.9	63.4	95.2

Manual Integrations

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Supervised By :Amit Patel 12/07/2021



#33

Benzene

Concen: 20.047 ug/L

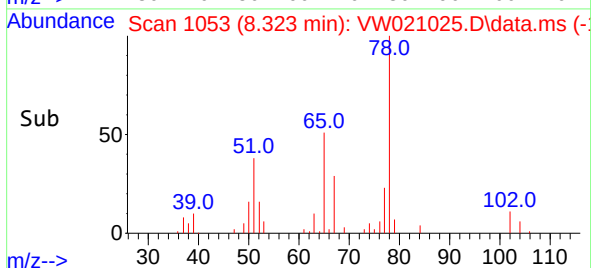
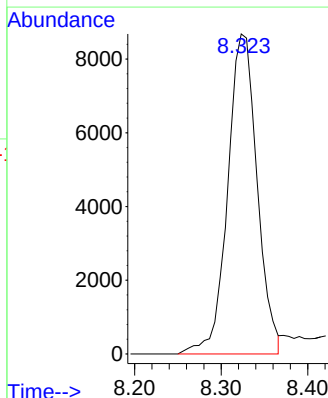
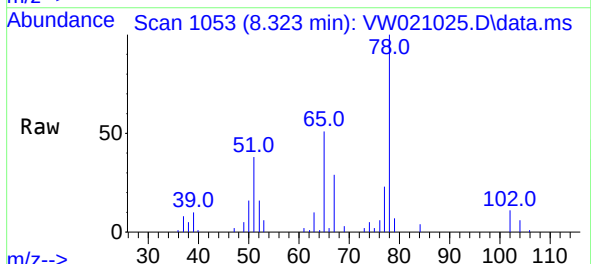
RT: 8.323 min Scan# 1053

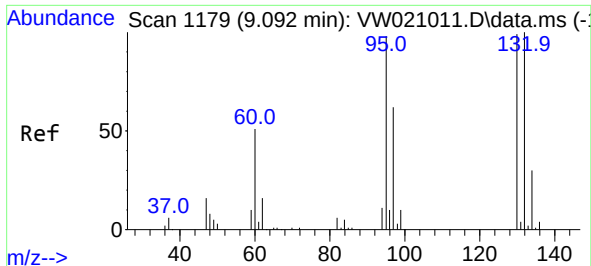
Delta R.T. -0.000 min

Lab File: VW021025.D

Acq: 02 Dec 2021 05:28

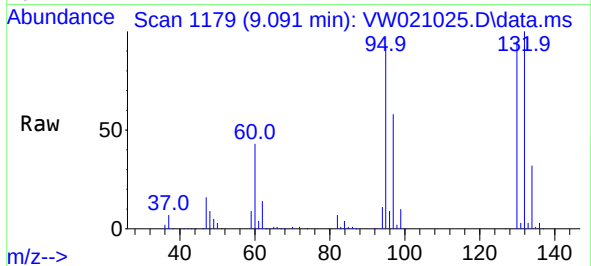
Tgt Ion: 78 Resp: 20536





#34
Trichloroethene
Concen: 1088.720 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021025.D
Acq: 02 Dec 2021 05:28

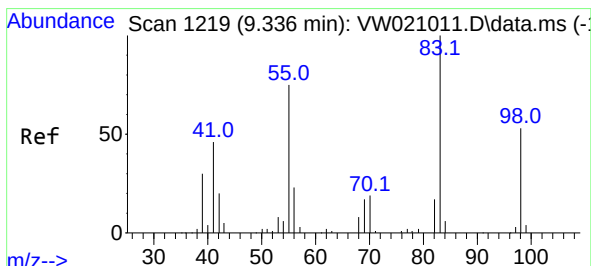
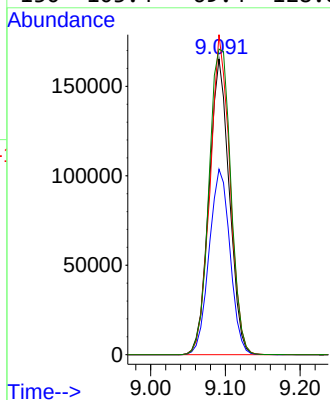
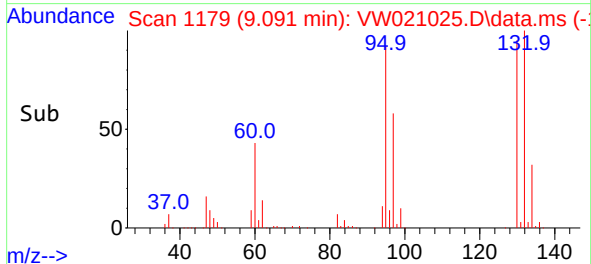
Instrument :
MSVOA_W
ClientSampleId :
EW9E9



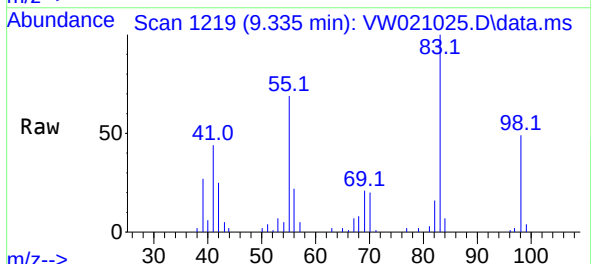
Tgt Ion: 95 Resp: 31194
Ion Ratio Lower Upper
95 100
97 62.8 47.0 87.2
132 108.2 65.5 121.6
130 103.4 69.4 128.8

Manual Integrations
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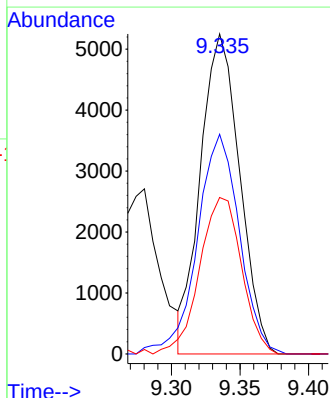
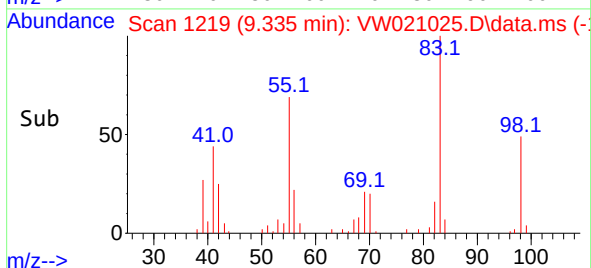
Reviewed By :Semsettin Yesilyurt 12/03/2021
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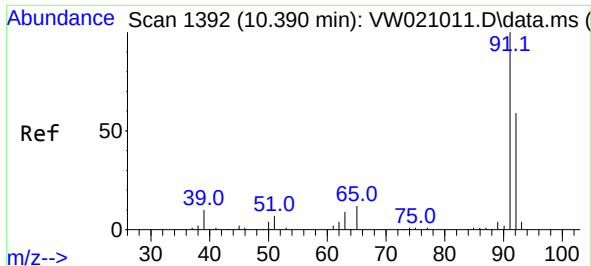


#35
Methylcyclohexane
Concen: 22.147 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW021025.D
Acq: 02 Dec 2021 05:28



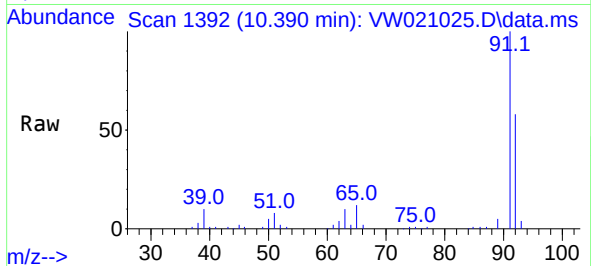
Tgt Ion: 83 Resp: 10462
Ion Ratio Lower Upper
83 100
55 73.7 70.8 106.2
98 52.1 37.7 56.5





#42
Toluene
Concen: 40.091 ug/L
RT: 10.390 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021025.D
Acq: 02 Dec 2021 05:28

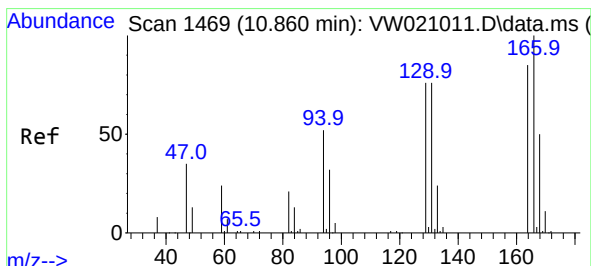
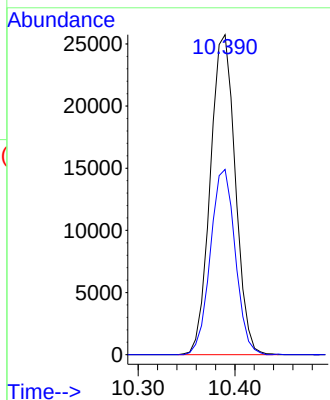
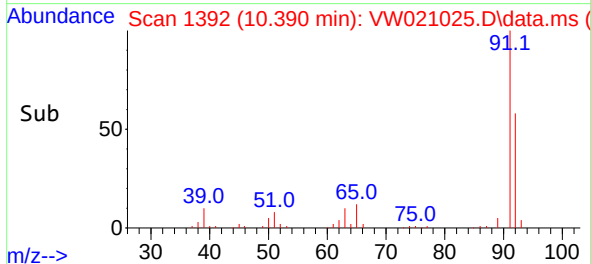
Instrument :
MSVOA_W
ClientSampleId :
EW9E9



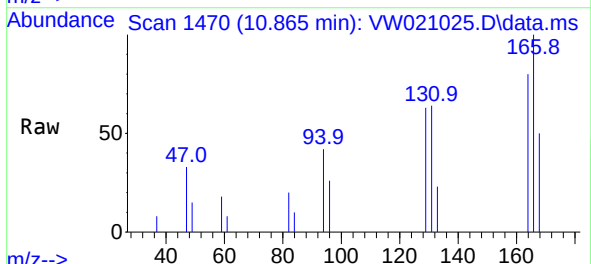
Tgt Ion: 91 Resp: 46194
Ion Ratio Lower Upper
91 100
92 57.9 41.7 77.5

Manual Integrations
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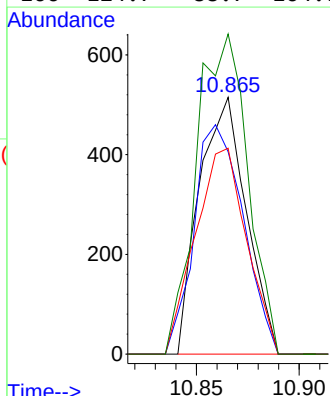
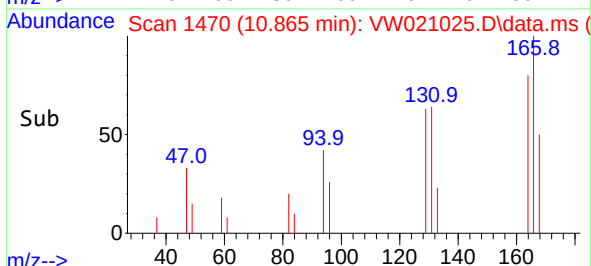
Reviewed By :Semsettin Yesilyurt 12/03/2021
Supervised By :Amit Patel 12/07/2021

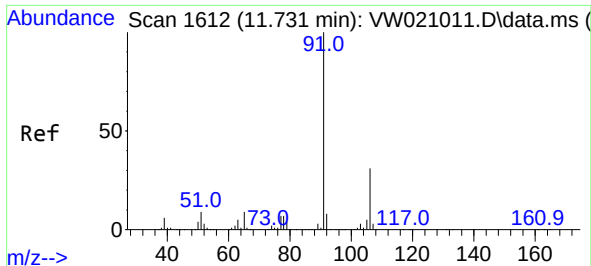


#46
Tetrachloroethene
Concen: 3.113 ug/L
RT: 10.865 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW021025.D
Acq: 02 Dec 2021 05:28



Tgt Ion:164 Resp: 819
Ion Ratio Lower Upper
164 100
129 78.8 65.5 121.7
131 80.2 59.7 110.9
166 124.7 88.7 164.7





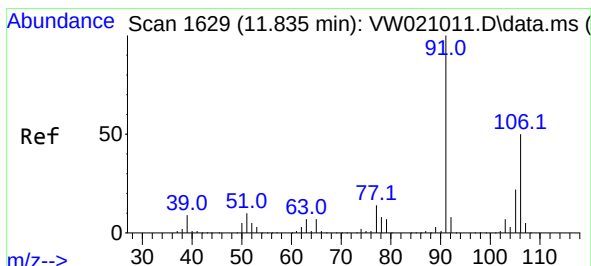
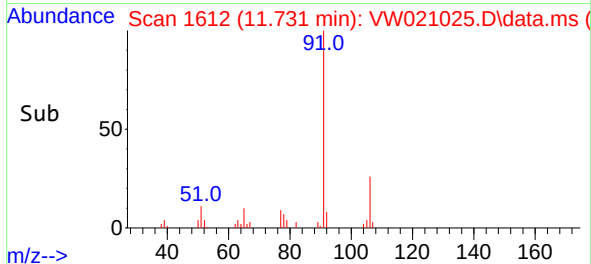
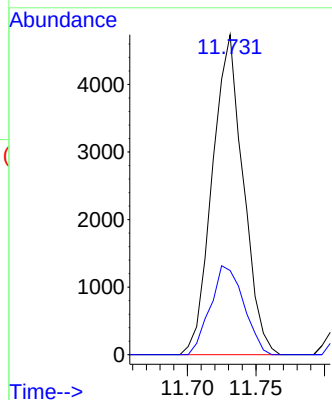
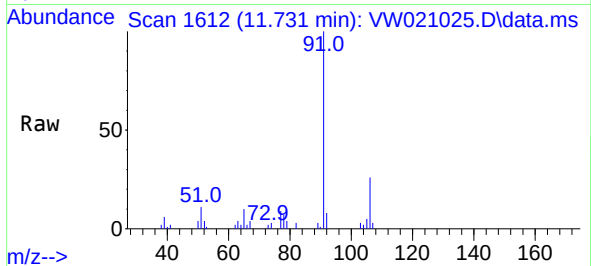
#52
Ethylbenzene
Concen: 5.818 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW021025.D
Acq: 02 Dec 2021 05:28

Instrument :
MSVOA_W
ClientSampleId :
EW9E9

Tgt Ion: 91 Resp: 7428
Ion Ratio Lower Upper
91 100
106 26.3 21.5 39.9

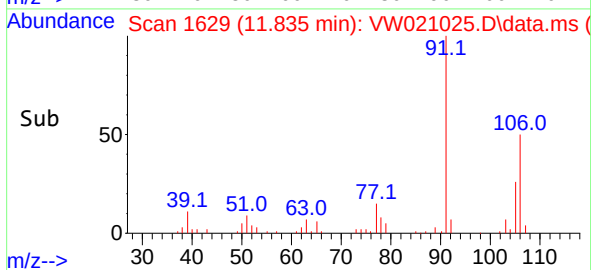
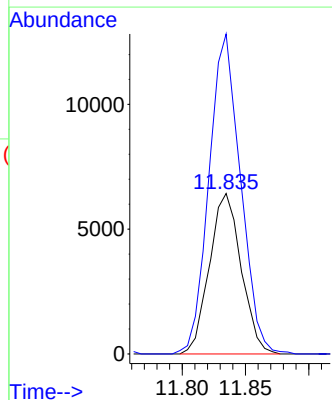
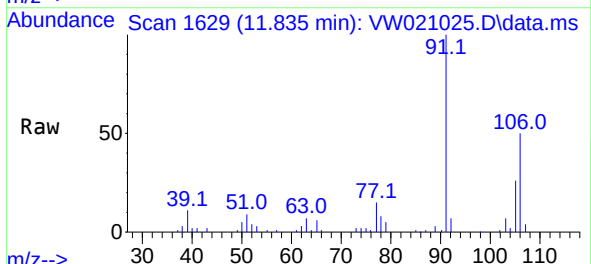
Manual Integrations
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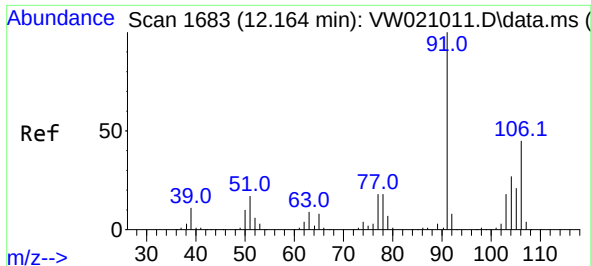
Reviewed By :Semsettin Yesilyurt 12/03/2021
Supervised By :Amit Patel 12/07/2021



#53
m,p-Xylene
Concen: 21.567 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW021025.D
Acq: 02 Dec 2021 05:28

Tgt Ion:106 Resp: 11242
Ion Ratio Lower Upper
106 100
91 199.4 149.9 278.3





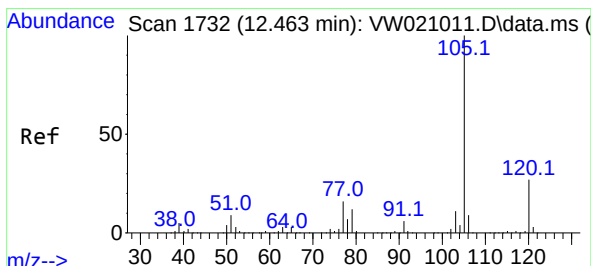
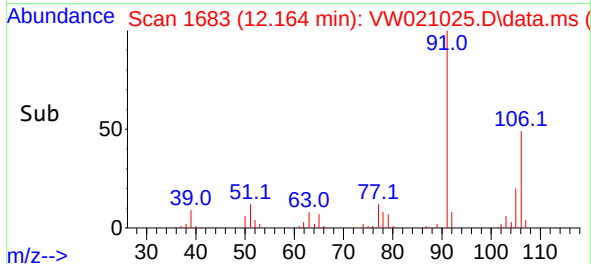
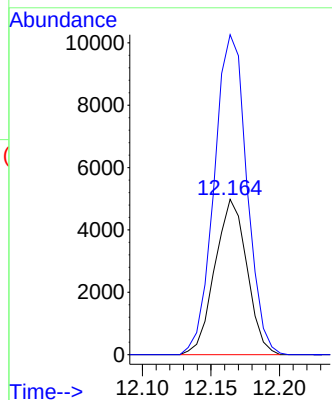
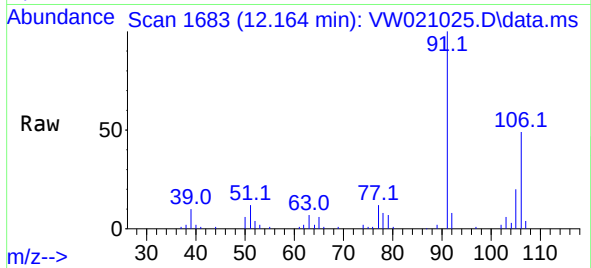
#54
o-Xylene
Concen: 16.190 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021025.D
Acq: 02 Dec 2021 05:28

Instrument :
MSVOA_W
ClientSampleId :
EW9E9

Tgt Ion:106 Resp: 810
Ion Ratio Lower Upper
106 100
91 206.0 153.6 285.3

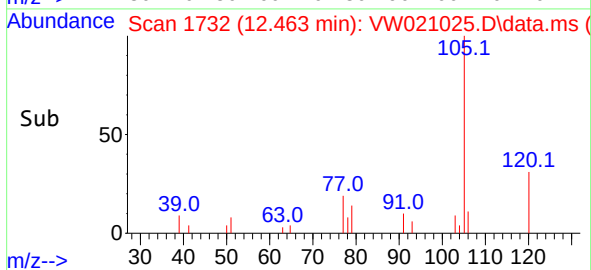
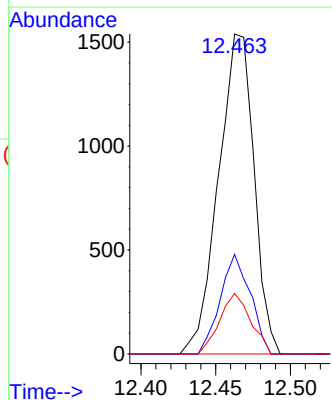
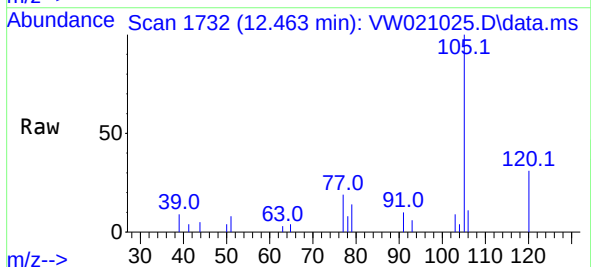
Manual Integrations
APPROVED

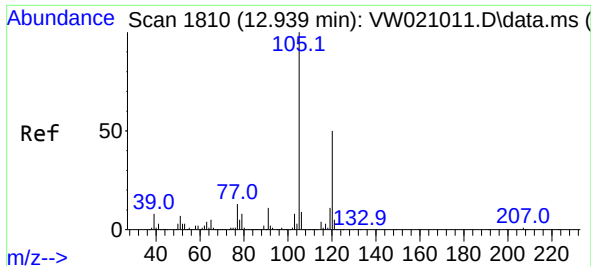
Reviewed By :Semsettin Yesilyurt 12/03/2021
Supervised By :Amit Patel 12/07/2021



#60
Isopropylbenzene
Concen: 7.447 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW021025.D
Acq: 02 Dec 2021 05:28

Tgt Ion:105 Resp: 2542
Ion Ratio Lower Upper
105 100
120 26.4 20.1 30.1
77 16.5 13.8 20.8





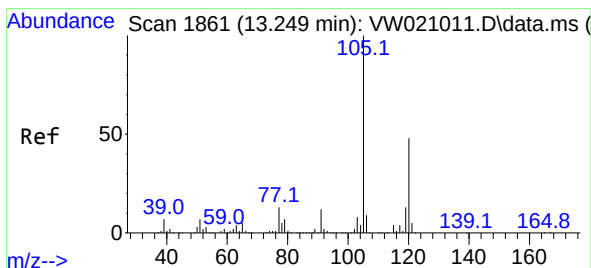
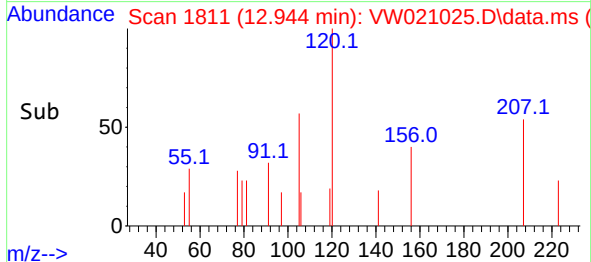
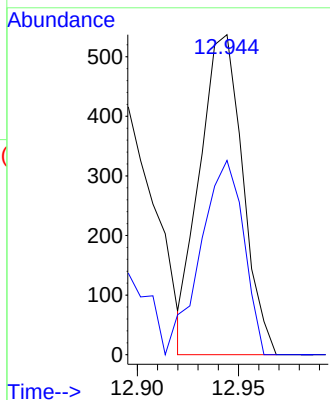
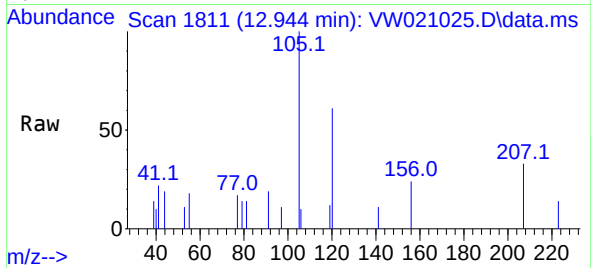
#62
1,3,5-Trimethylbenzene
Concen: 2.747 ug/L m
RT: 12.944 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VW021025.D
Acq: 02 Dec 2021 05:28

Instrument :
MSVOA_W
ClientSampleId :
EW9E9

Tgt Ion:105 Resp: 79
Ion Ratio Lower Upper
105 100
120 211.9 37.4 56.2

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/03/2021
Supervised By :Amit Patel 12/07/2021



#63
1,2,4-Trimethylbenzene
Concen: 12.236 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW021025.D
Acq: 02 Dec 2021 05:28

Tgt Ion:105 Resp: 3476
Ion Ratio Lower Upper
105 100
120 48.2 35.0 52.6

