

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021074.D
 Acq On : 03 Dec 2021 19:16
 Operator : SY/VA
 Sample : M4881-19RE
 Misc : 3.03g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW9F5RE

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/05/2021
 Supervised By : Amit Patel 12/06/2021

Quant Time: Dec 04 01:41:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 01:31:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.847	114	53018	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.633	117	21486	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	4162	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.348	65	21376	28.938	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 115.760%	
7) Chloroethane-d5	2.885	69	16107	32.573	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 130.280%	
11) 1,1-Dichloroethene-d2	4.019	63	22060	18.694	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 74.760%	
21) 2-Butanone-d5	7.091	46	9664	57.357	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	= 114.720%	
24) Chloroform-d	7.646	84	40784	30.716	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 122.880%	
26) 1,2-Dichloroethane-d4	8.311	65	19513	26.863	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 107.440%	
32) Benzene-d6	8.274	84	61366	55.858	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 223.440%#	
36) 1,2-Dichloropropane-d6	9.274	67	21371	70.000	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 280.000%#	
41) Toluene-d8	10.323	98	36787	32.657	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 130.640%#	
43) trans-1,3-Dichloroprop...	10.579	79	3229	23.293	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 93.160%	
47) 2-Hexanone-d5	10.926	63	4858	83.169	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 166.340%#	
56) 1,1,2,2-Tetrachloroeth...	12.694	84	10451	37.002	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 148.000%#	
66) 1,2-Dichlorobenzene-d4	13.852	152	3238	21.713	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 86.840%	

Target Compounds			Qvalue			
13) Acetone	4.171	43	944m	6.151	ug/L	
14) Carbon disulfide	4.379	76	4451	2.330	ug/L	97
16) Methylene chloride	4.915	84	3365	4.029	ug/L	82
27) 1,2-Dichloroethane	8.402	62	2644	3.099	ug/L	# 94
29) Cyclohexane	7.951	56	805	1.698	ug/L	# 63
34) Trichloroethene	9.091	95	12090	35.867	ug/L	92
35) Methylcyclohexane	9.335	83	2715	4.785	ug/L	89
42) Toluene	10.384	91	6385	4.575	ug/L	91
46) Tetrachloroethene	10.865	164	25522	82.685	ug/L	98
52) Ethylbenzene	11.731	91	1264	0.805	ug/L	92
53) m,p-Xylene	11.835	106	1819	2.799	ug/L	72
54) o-Xylene	12.170	106	1052	1.717	ug/L	95
60) Isopropylbenzene	12.469	105	547	0.946	ug/L	# 88
62) 1,3,5-Trimethylbenzene	12.944	105	376m	0.776	ug/L	
63) 1,2,4-Trimethylbenzene	13.249	105	893m	1.833	ug/L	

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

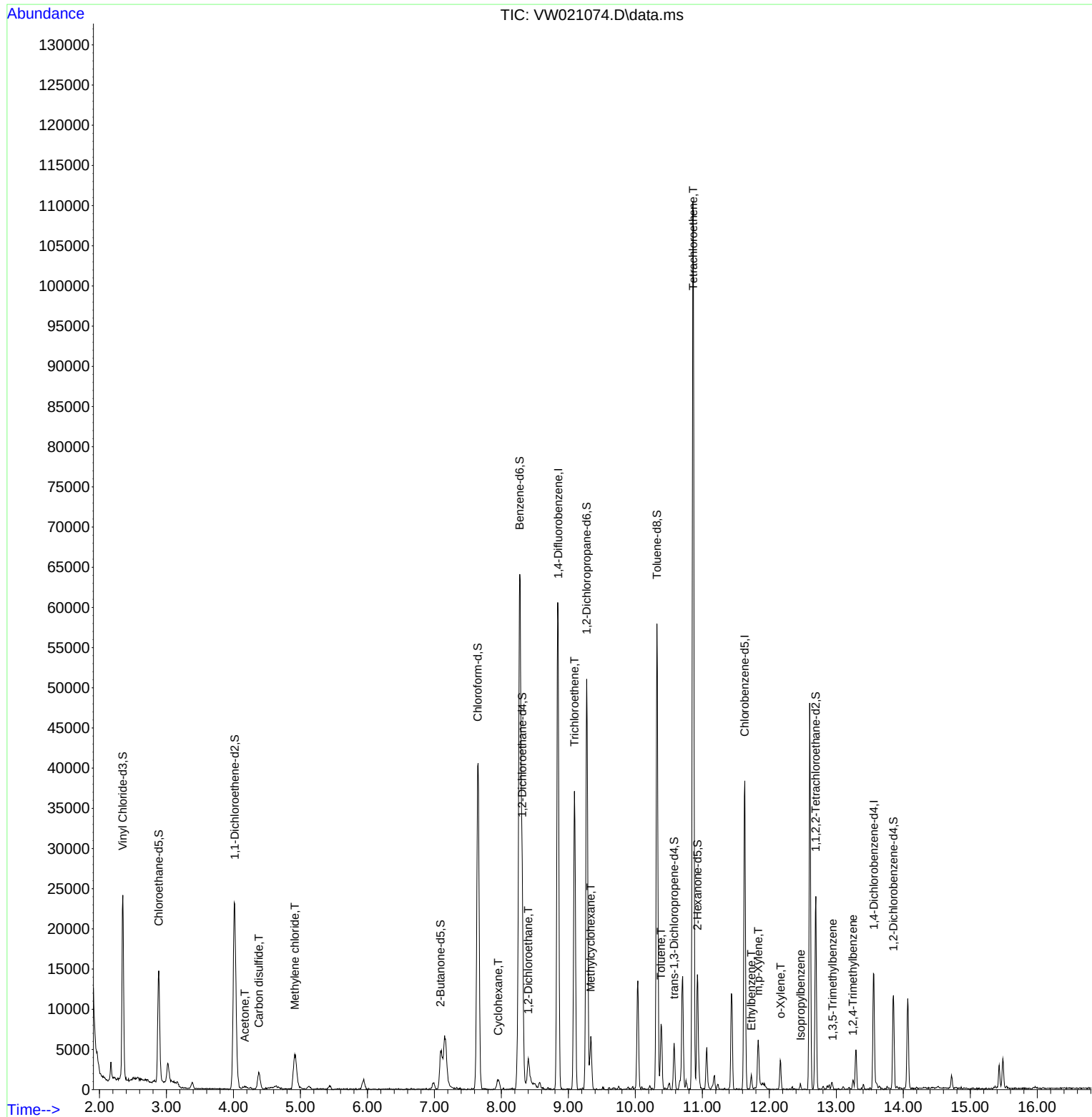
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021074.D
Acq On : 03 Dec 2021 19:16
Operator : SY/VA
Sample : M4881-19RE
Misc : 3.03g/10.0mL/MSVOA_W/SOIL
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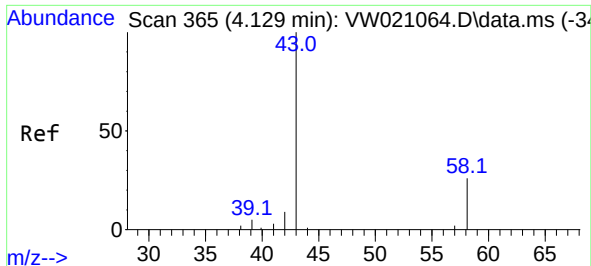
Instrument :
MSVOA_W
ClientSampleId :
EW9F5RE

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Supervised By :Amit Patel 12/06/2021

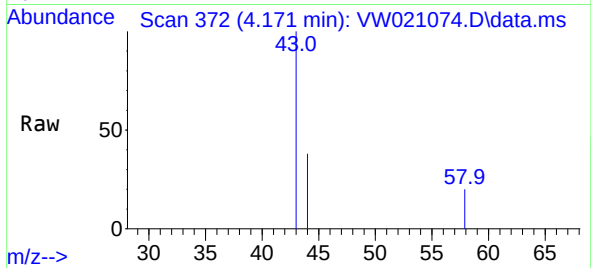
Quant Time: Dec 04 01:41:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Dec 04 01:31:24 2021
Response via : Initial Calibration





#13
Acetone
Concen: 6.151 ug/L m
RT: 4.171 min Scan# 31
Delta R.T. 0.042 min
Lab File: VW021074.D
Acq: 03 Dec 2021 19:16

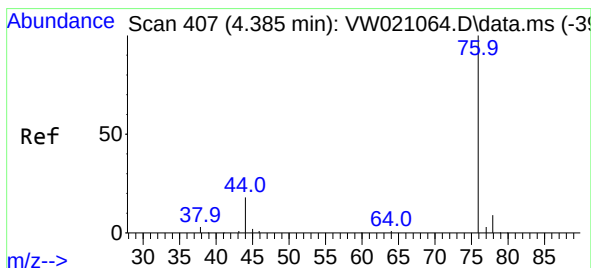
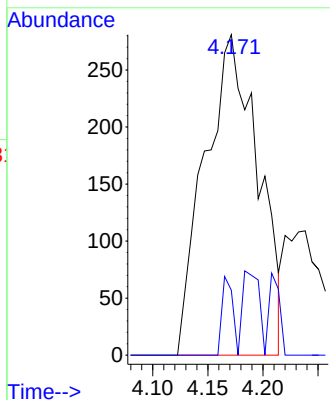
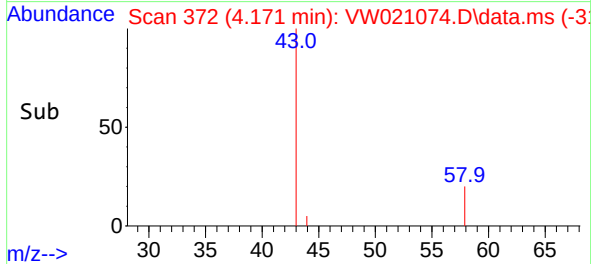
Instrument :
MSVOA_W
ClientSampleId :
EW9F5RE



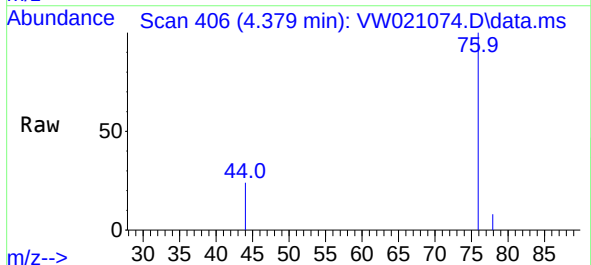
Tgt Ion: 43 Resp: 944
Ion Ratio Lower Upper
43 100
58 4.9 0.0 52.8

Manual Integrations
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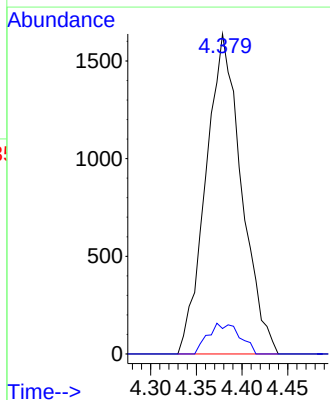
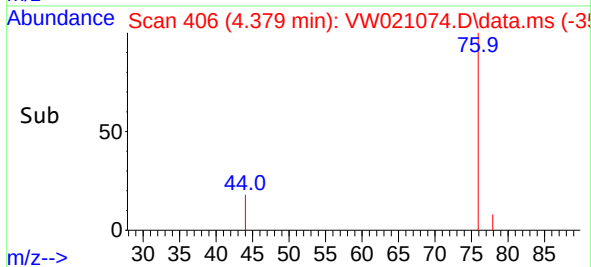
Reviewed By :Semsettin Yesilyurt 12/05/2021
Supervised By :Amit Patel 12/06/2021

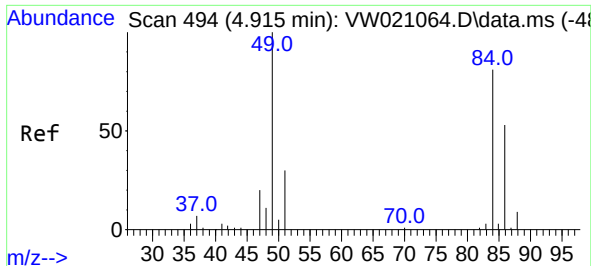


#14
Carbon disulfide
Concen: 2.330 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.007 min
Lab File: VW021074.D
Acq: 03 Dec 2021 19:16



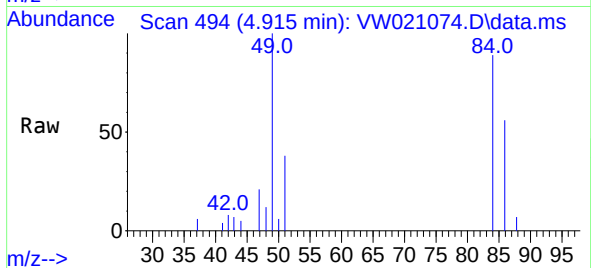
Tgt Ion: 76 Resp: 4451
Ion Ratio Lower Upper
76 100
78 7.9 7.1 10.7





#16
Methylene chloride
Concen: 4.029 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW021074.D
Acq: 03 Dec 2021 19:16

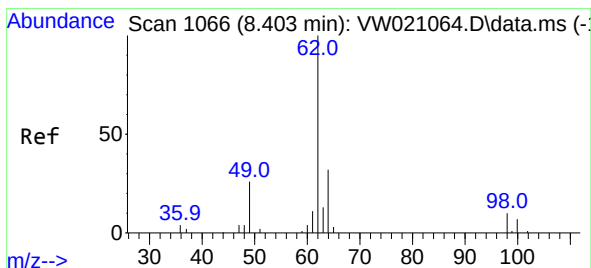
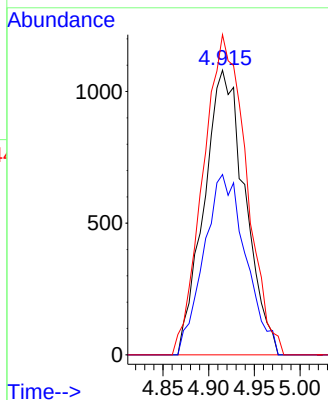
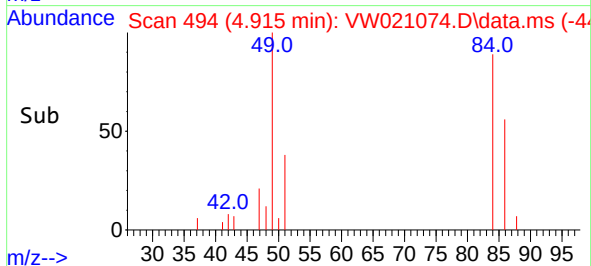
Instrument :
MSVOA_W
ClientSampleId :
EW9F5RE



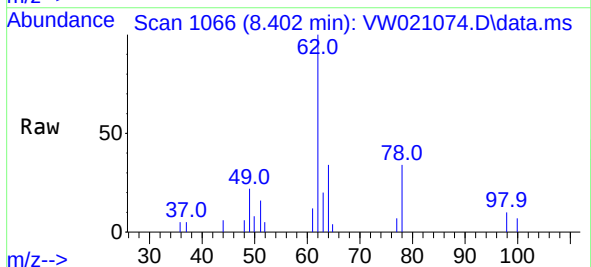
Tgt Ion: 84 Resp: 336
Ion Ratio Lower Upper
84 100
86 63.4 45.5 84.5
49 112.5 100.5 186.7

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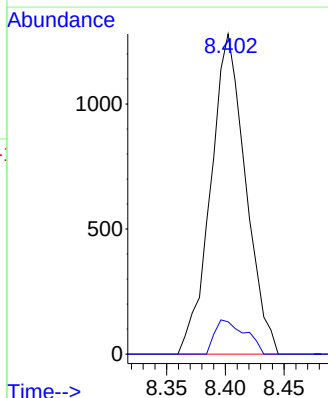
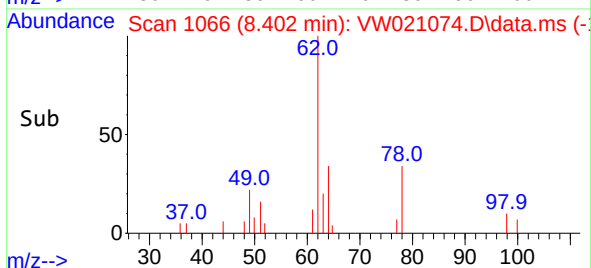
Reviewed By :Semsettin Yesilyurt 12/05/2021
Supervised By :Amit Patel 12/06/2021

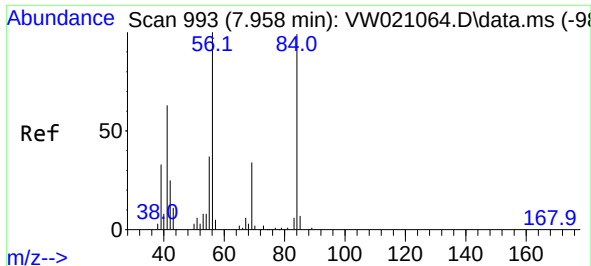


#27
1,2-Dichloroethane
Concen: 3.099 ug/L
RT: 8.402 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW021074.D
Acq: 03 Dec 2021 19:16



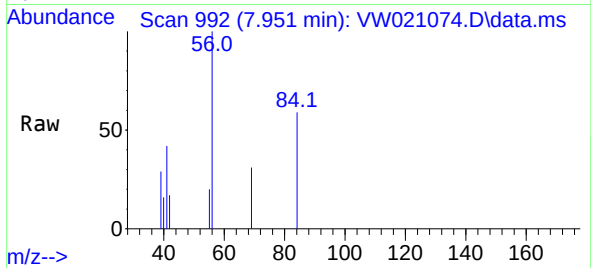
Tgt Ion: 62 Resp: 2644
Ion Ratio Lower Upper
62 100
98 10.1 6.5 9.7#





#29
Cyclohexane
Concen: 1.698 ug/L
RT: 7.951 min Scan# 993
Delta R.T. -0.007 min
Lab File: VW021074.D
Acq: 03 Dec 2021 19:16

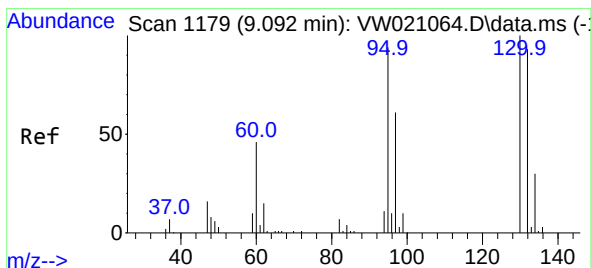
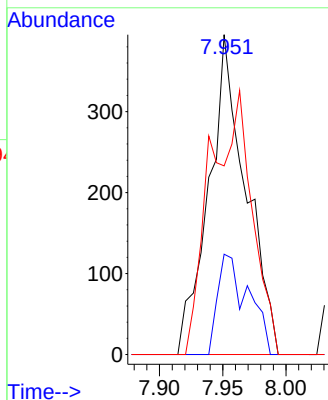
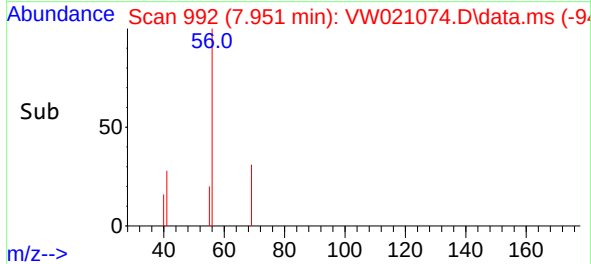
Instrument :
MSVOA_W
ClientSampleId :
EW9F5RE



Tgt Ion: 56 Resp: 809
Ion Ratio Lower Upper
56 100
69 16.5 23.5 35.3
84 42.6 63.4 95.2

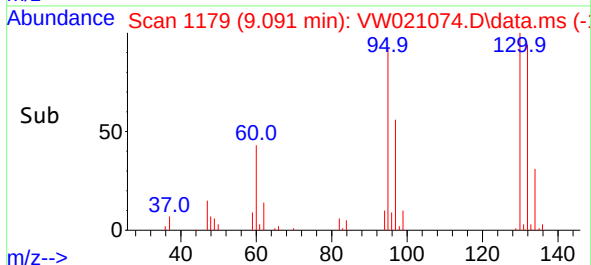
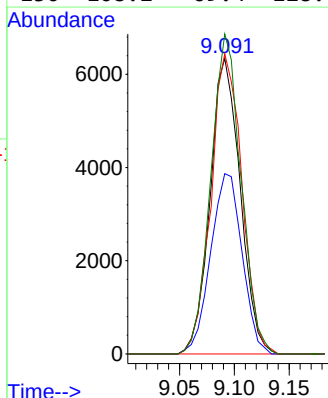
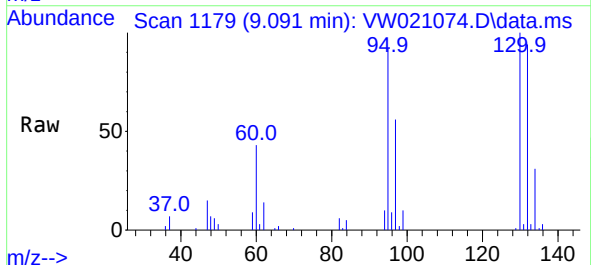
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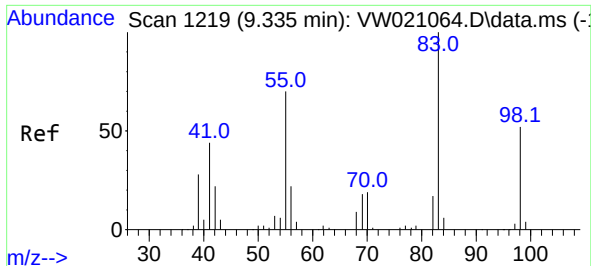
Reviewed By :Semsettin Yesilyurt 12/05/2021
Supervised By :Amit Patel 12/06/2021



#34
Trichloroethene
Concen: 35.867 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021074.D
Acq: 03 Dec 2021 19:16

Tgt Ion: 95 Resp: 12090
Ion Ratio Lower Upper
95 100
97 61.0 47.0 87.2
132 101.5 65.5 121.6
130 108.2 69.4 128.8





#35

Methylcyclohexane

Concen: 4.785 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW021074.D

Acq: 03 Dec 2021 19:16

Instrument :

MSVOA_W

ClientSampleId :

EW9F5RE

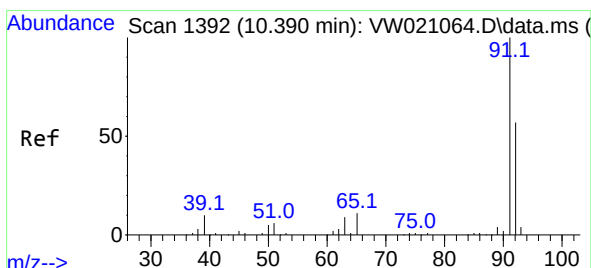
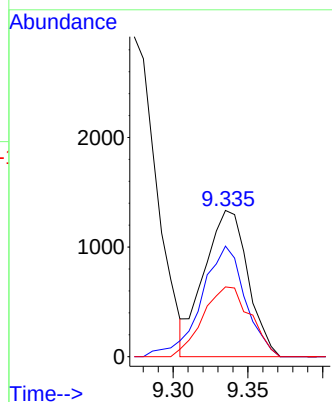
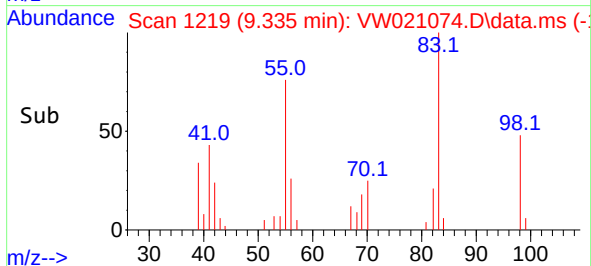
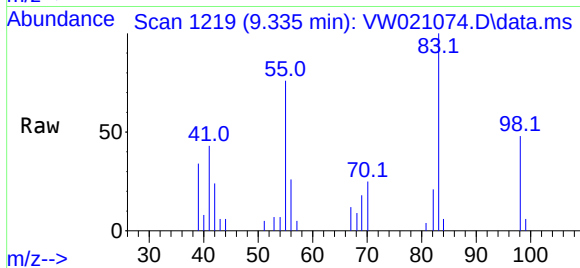
Tgt Ion: 83 Resp: 2715

Ion	Ratio	Lower	Upper
83	100		
55	75.8	70.8	106.2
98	51.4	37.7	56.5

Manual Integrations

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Supervised By :Amit Patel 12/06/2021



#42

Toluene

Concen: 4.575 ug/L

RT: 10.384 min Scan# 1391

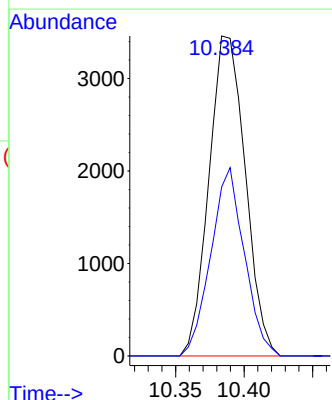
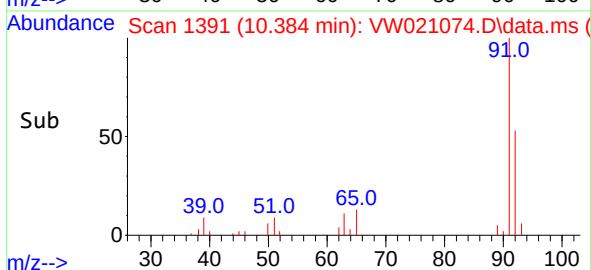
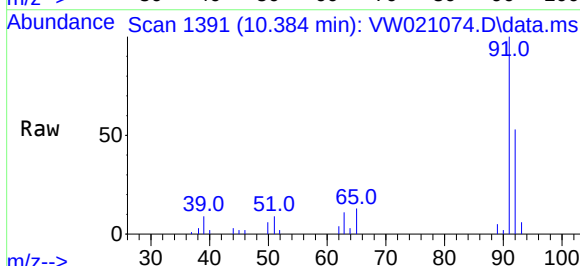
Delta R.T. -0.007 min

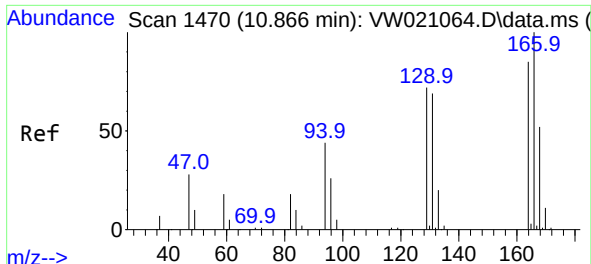
Lab File: VW021074.D

Acq: 03 Dec 2021 19:16

Tgt Ion: 91 Resp: 6385

Ion	Ratio	Lower	Upper
91	100		
92	52.8	41.7	77.5





#46

Tetrachloroethene

Concen: 82.685 ug/L

RT: 10.865 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VW021074.D

Acq: 03 Dec 2021 19:16

Instrument :

MSVOA_W

ClientSampleId :

EW9F5RE

Tgt Ion:164 Resp: 2552

Ion Ratio Lower Upper

164 100

129 90.9 65.5 121.7

131 89.0 59.7 110.9

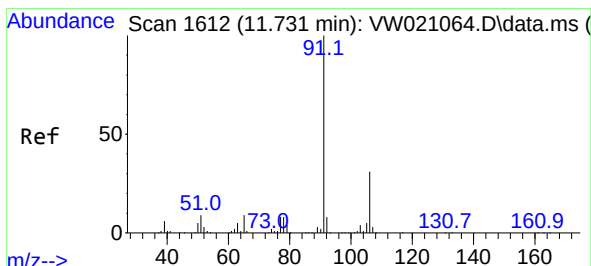
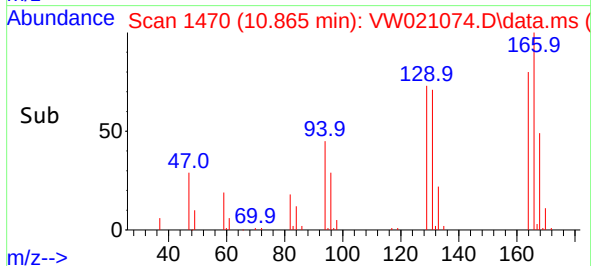
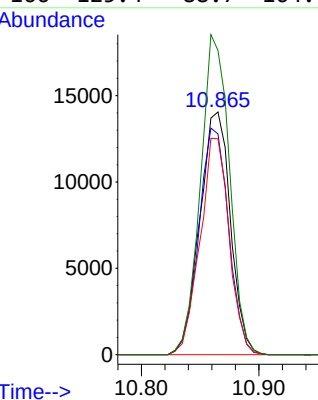
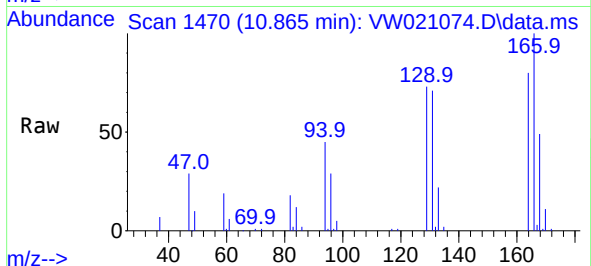
166 125.4 88.7 164.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/05/2021

Supervised By :Amit Patel 12/06/2021



#52

Ethylbenzene

Concen: 0.805 ug/L

RT: 11.731 min Scan# 1612

Delta R.T. -0.000 min

Lab File: VW021074.D

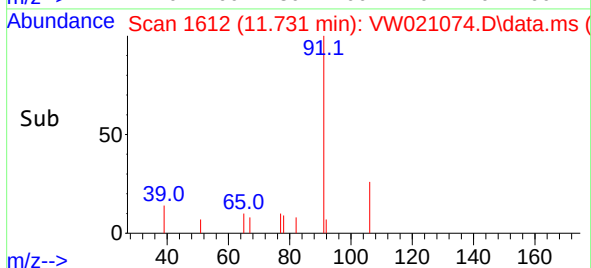
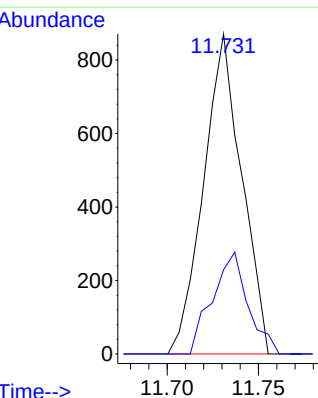
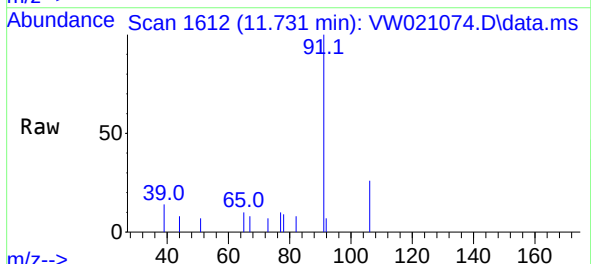
Acq: 03 Dec 2021 19:16

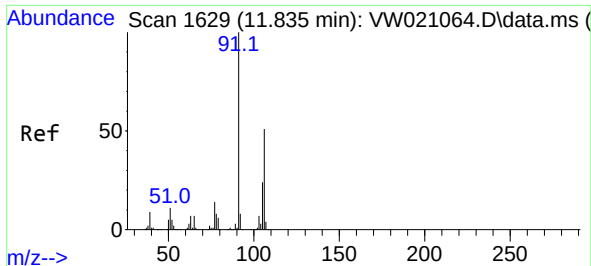
Tgt Ion: 91 Resp: 1264

Ion Ratio Lower Upper

91 100

106 26.3 21.5 39.9





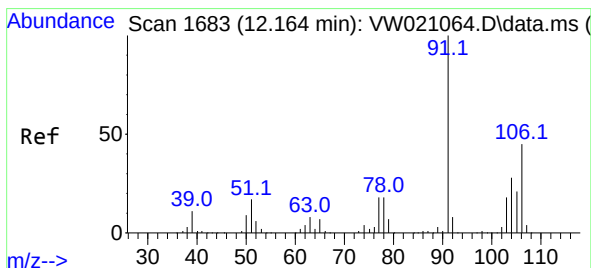
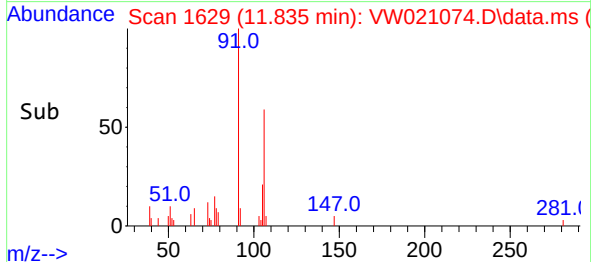
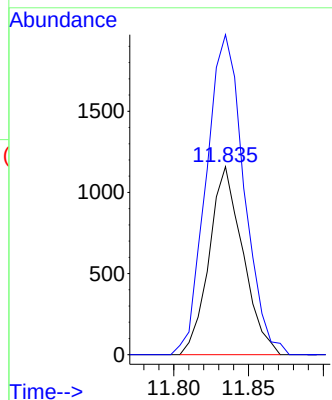
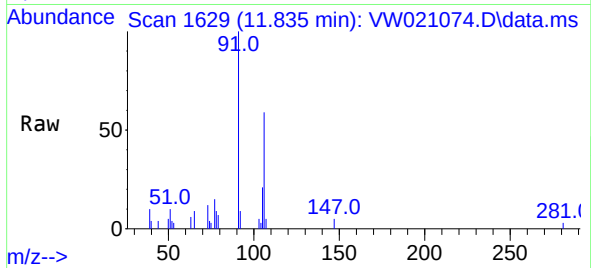
#53
m,p-Xylene
Concen: 2.799 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW021074.D
Acq: 03 Dec 2021 19:16

Instrument :
MSVOA_W
ClientSampleId :
EW9F5RE

Tgt Ion:106 Resp: 1819
Ion Ratio Lower Upper
106 100
91 170.1 149.9 278.3

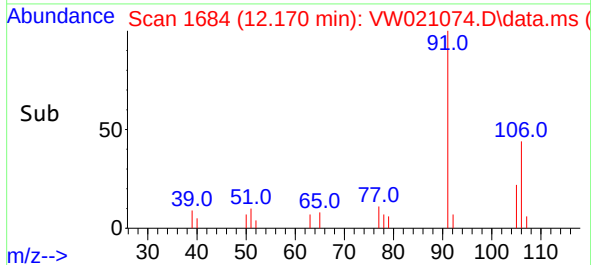
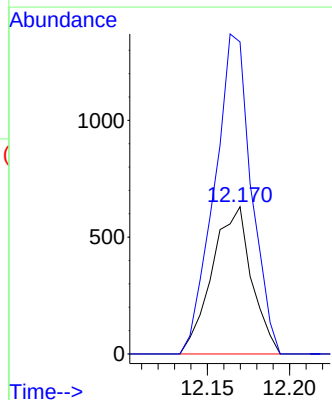
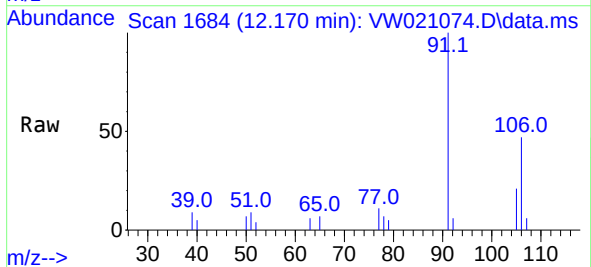
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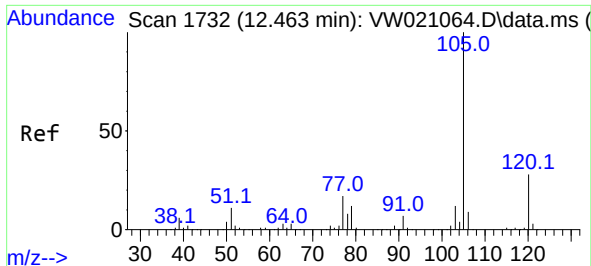
Reviewed By :Semsettin Yesilyurt 12/05/2021
Supervised By :Amit Patel 12/06/2021



#54
o-Xylene
Concen: 1.717 ug/L
RT: 12.170 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VW021074.D
Acq: 03 Dec 2021 19:16

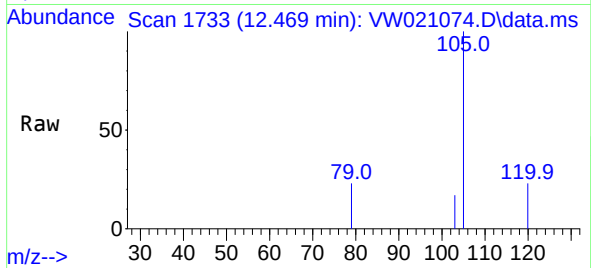
Tgt Ion:106 Resp: 1052
Ion Ratio Lower Upper
106 100
91 212.1 153.6 285.3





#60
Isopropylbenzene
Concen: 0.946 ug/L
RT: 12.469 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW021074.D
Acq: 03 Dec 2021 19:16

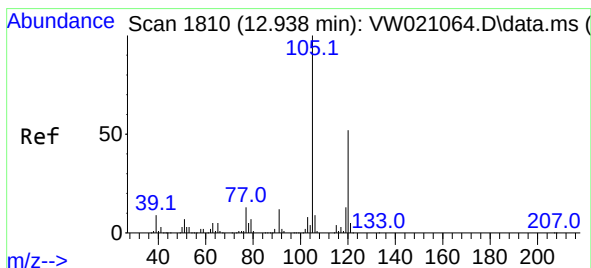
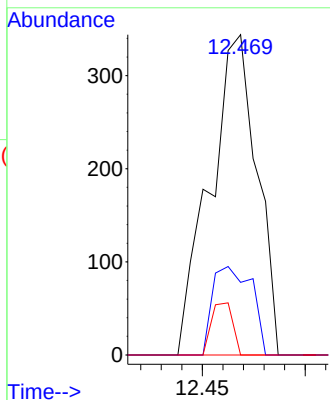
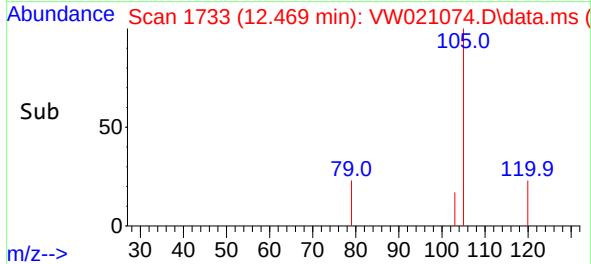
Instrument :
MSVOA_W
ClientSampleId :
EW9F5RE



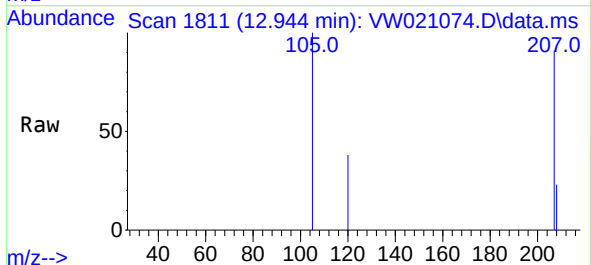
Tgt Ion:105 Resp: 54
Ion Ratio Lower Upper
105 100
120 22.9 20.1 30.1
77 7.3 13.8 20.8

Manual Integrations
APPROVED

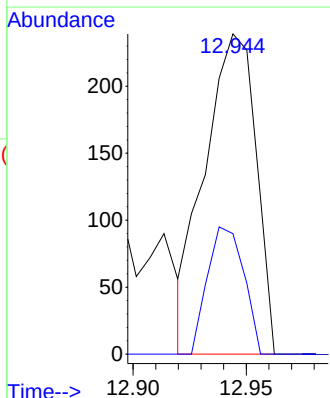
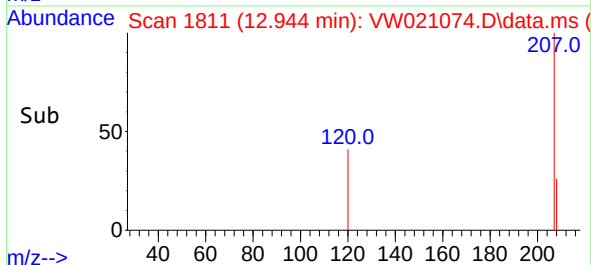
Reviewed By :Semsettin Yesilyurt 12/05/2021
Supervised By :Amit Patel 12/06/2021



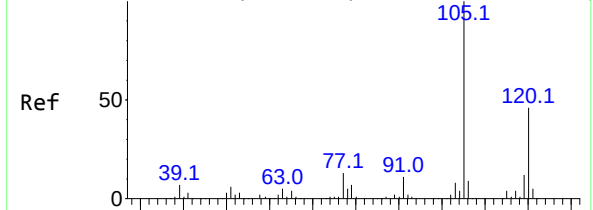
#62
1,3,5-Trimethylbenzene
Concen: 0.776 ug/L m
RT: 12.944 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VW021074.D
Acq: 03 Dec 2021 19:16



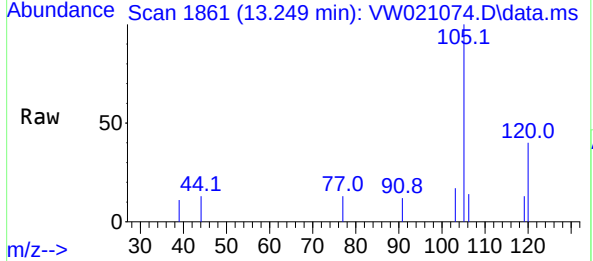
Tgt Ion:105 Resp: 376
Ion Ratio Lower Upper
105 100
120 13.8 37.4 56.2#



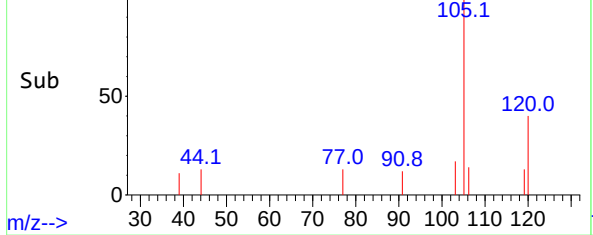
Abundance Scan 1861 (13.249 min): VW021064.D\data.ms (



Abundance Scan 1861 (13.249 min): VW021074.D\data.ms



Abundance Scan 1861 (13.249 min): VW021074.D\data.ms (



#63
1,2,4-Trimethylbenzene
Concen: 1.833 ug/L m
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW021074.D
Acq: 03 Dec 2021 19:16

Tgt Ion:105 Resp: 89
Ion Ratio Lower Upper
105 100
120 15.9 35.0 52.6

Instrument :
MSVOA_W
ClientSampleId :
EW9F5RE

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/05/2021
Supervised By :Amit Patel 12/06/2021

