

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021070.D
 Acq On : 03 Dec 2021 17:40
 Operator : SY/VA
 Sample : M4881-09RE
 Misc : 4.01g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW9E5RE

Manual Integrations
 APPROVED

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

Quant Time: Dec 04 01:40:04 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	8.842	114	46933	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	21319	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	4155	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	13530	20.691	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.760%
7) Chloroethane-d5	2.885	69	12480	28.510	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.040%
11) 1,1-Dichloroethene-d2	4.019	63	17216	16.481	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.920%
21) 2-Butanone-d5	7.086	46	11878	79.637	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	159.280%#
24) Chloroform-d	7.653	84	41817	35.578	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	142.320%
26) 1,2-Dichloroethane-d4	8.305	65	20797	32.343	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	129.360%
32) Benzene-d6	8.275	84	60364	55.377	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	221.520%#
36) 1,2-Dichloropropane-d6	9.274	67	23200	76.587	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	306.360%#
41) Toluene-d8	10.323	98	39850	35.653	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	142.600%#
43) trans-1,3-Dichloroprop...	10.579	79	3620	26.318	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.280%
47) 2-Hexanone-d5	10.927	63	6084	104.974	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	209.940%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	12266	43.768	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	175.080%#
66) 1,2-Dichlorobenzene-d4	13.853	152	3587	24.094	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.360%

Target Compounds				Qvalue		
13) Acetone	4.129	43	1454	10.702	ug/L	71
14) Carbon disulfide	4.379	76	2258	1.335	ug/L #	90
16) Methylene chloride	4.922	84	6210	8.399	ug/L	85
27) 1,2-Dichloroethane	8.397	62	4278	5.664	ug/L #	93
29) Cyclohexane	7.958	56	785m	1.669	ug/L	
35) Methylcyclohexane	9.342	83	2178	3.869	ug/L	90
40) 4-Methyl-2-pentanone	10.213	43	621	3.327	ug/L #	95
42) Toluene	10.390	91	10416	7.522	ug/L	98
46) Tetrachloroethene	10.866	164	222	0.725	ug/L	82
52) Ethylbenzene	11.731	91	2404	1.542	ug/L	85
53) m,p-Xylene	11.835	106	3624	5.620	ug/L	84
54) o-Xylene	12.164	106	1917	3.153	ug/L	84
60) Isopropylbenzene	12.463	105	717	1.242	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.938	105	366m	0.757	ug/L	
63) 1,2,4-Trimethylbenzene	13.249	105	995	2.046	ug/L	98

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

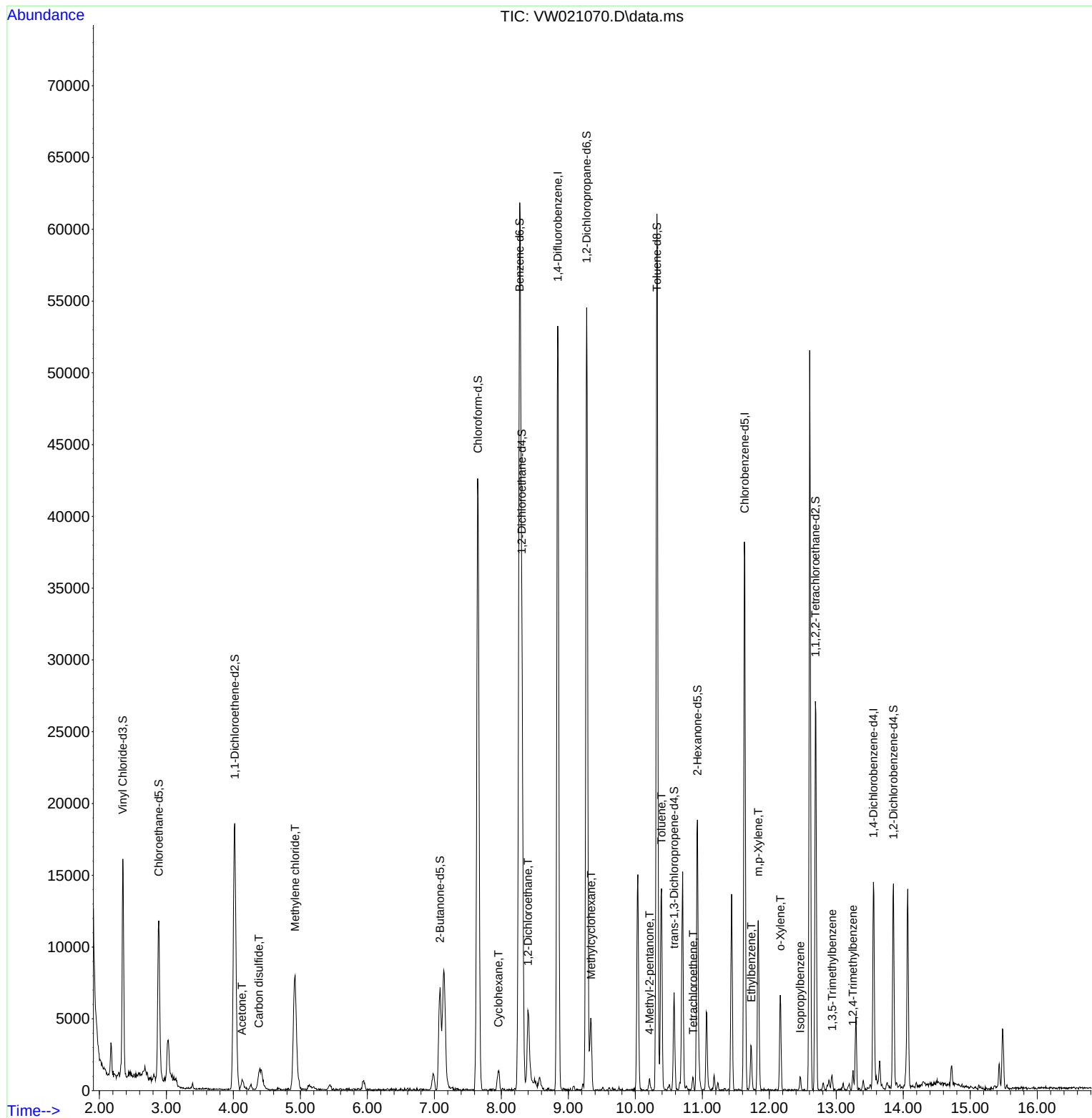
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021070.D
Acq On : 03 Dec 2021 17:40
Operator : SY/VA
Sample : M4881-09RE
Misc : 4.01g/10.0mL/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

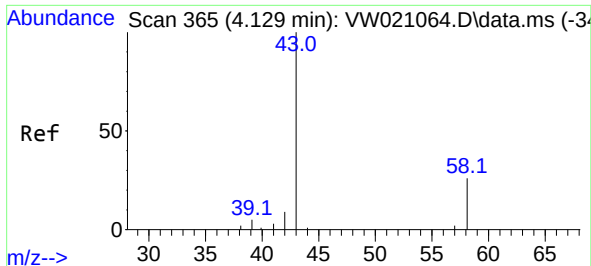
Instrument :
MSVOA_W
ClientSampleId :
EW9E5RE

Quant Time: Dec 04 01:40:04 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

Manual Integrations
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Supervised By : Amit Patel 12/06/2021





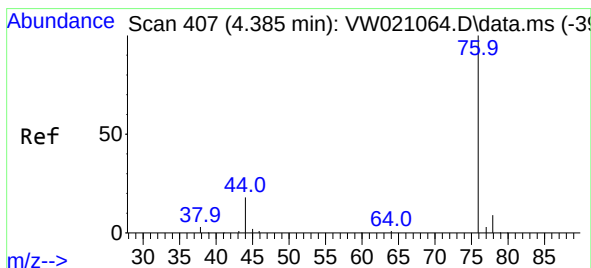
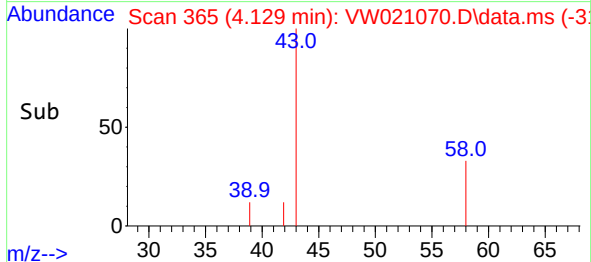
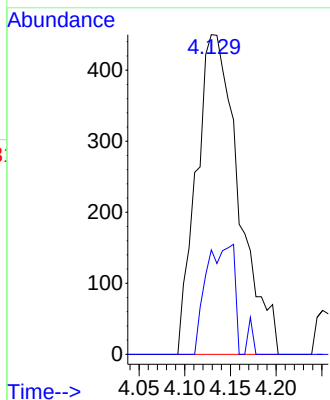
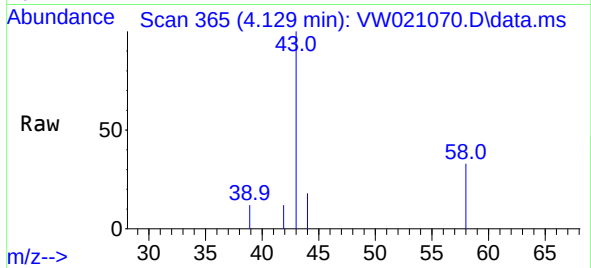
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Acetone
Concen: 10.702 ug/L
RT: 4.129 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW021070.D
Acq: 03 Dec 2021 17:40

Instrument :
MSVOA_W
ClientSampleId :
EW9E5RE

Tgt Ion: 43 Resp: 1454
Ion Ratio Lower Upper
43 100
58 11.4 0.0 52.8

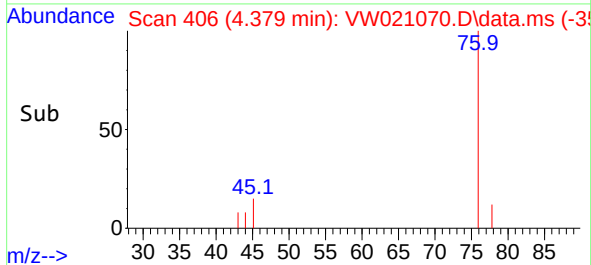
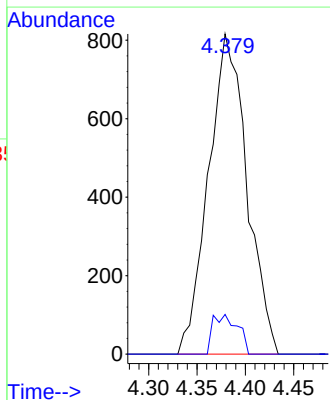
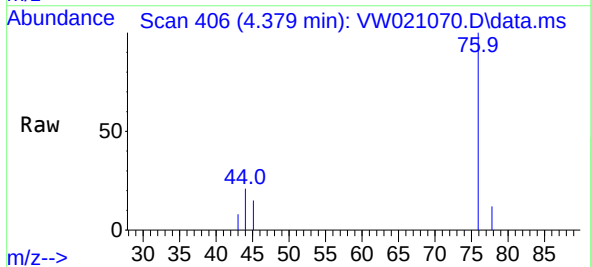
Manual Integrations
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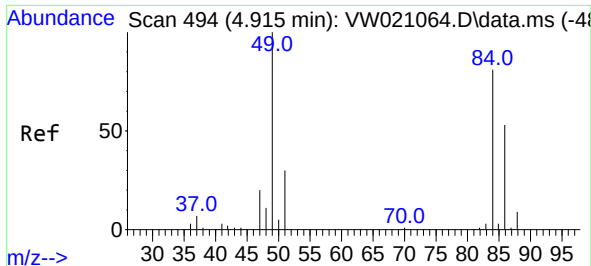
Reviewed By :Semsettin Yesilyurt 12/05/2021
Supervised By :Amit Patel 12/06/2021



#14
Carbon disulfide
Concen: 1.335 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW021070.D
Acq: 03 Dec 2021 17:40

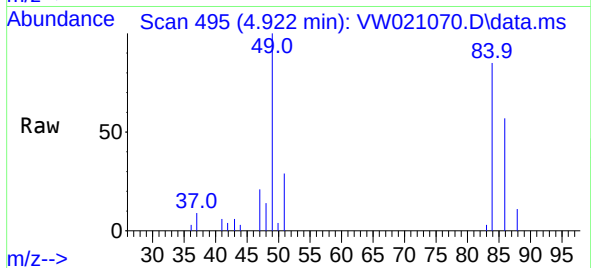
Tgt Ion: 76 Resp: 2258
Ion Ratio Lower Upper
76 100
78 12.4 7.1 10.7#





#16
Methylene chloride
Concen: 8.399 ug/L
RT: 4.922 min Scan# 49
Delta R.T. 0.006 min
Lab File: VW021070.D
Acq: 03 Dec 2021 17:40

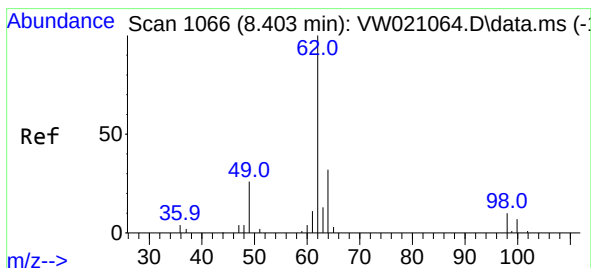
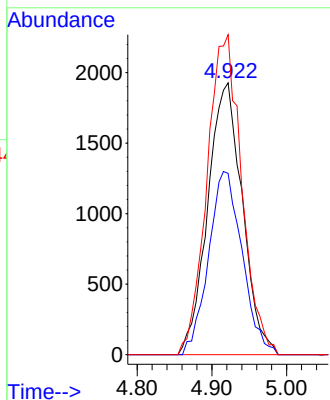
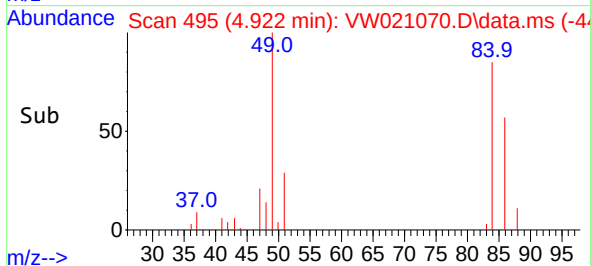
Instrument :
MSVOA_W
ClientSampleId :
EW9E5RE



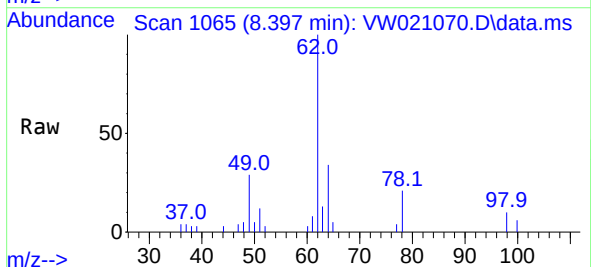
Tgt Ion: 84 Resp: 6210
Ion Ratio Lower Upper
84 100
86 66.7 45.5 84.5
49 117.7 100.5 186.7

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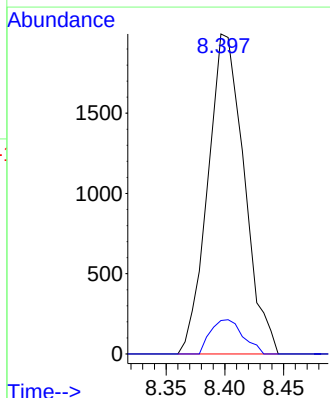
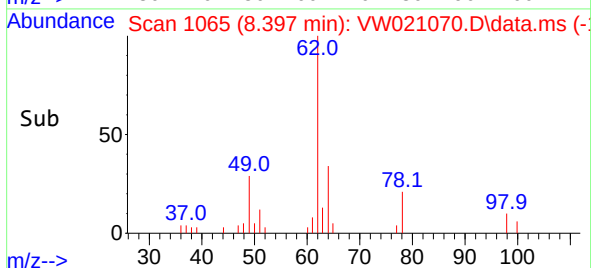
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Supervised By :Amit Patel 12/06/2021

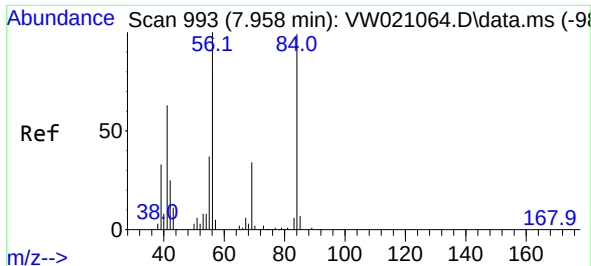


#27
1,2-Dichloroethane
Concen: 5.664 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW021070.D
Acq: 03 Dec 2021 17:40



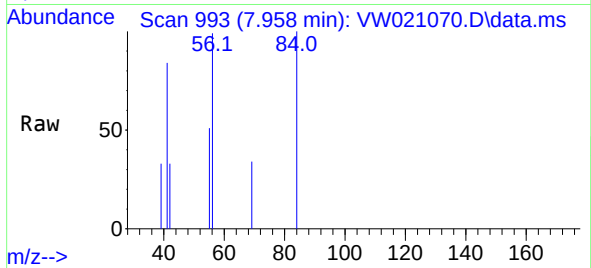
Tgt Ion: 62 Resp: 4278
Ion Ratio Lower Upper
62 100
98 10.4 6.5 9.7#





#29
Cyclohexane
Concen: 1.669 ug/L m
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW021070.D
Acq: 03 Dec 2021 17:40

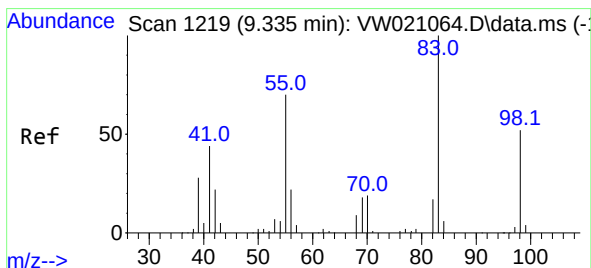
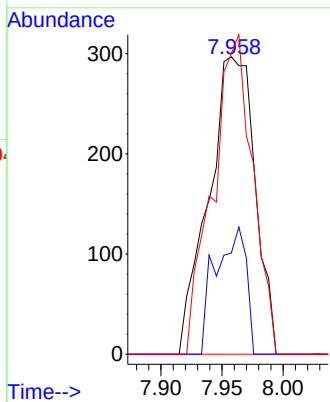
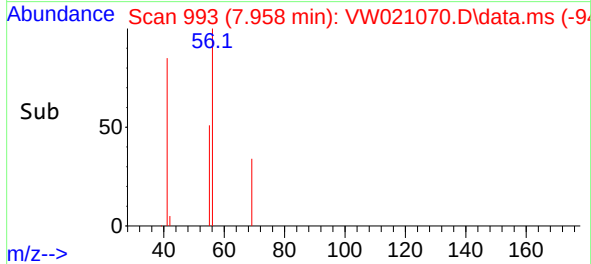
Instrument :
MSVOA_W
ClientSampleId :
EW9E5RE



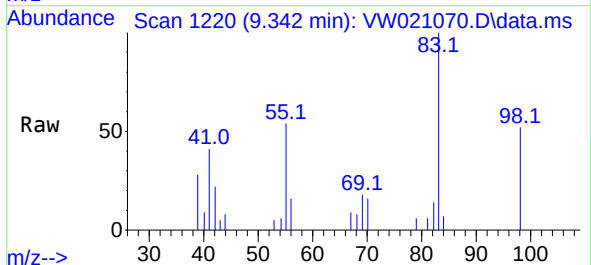
Tgt Ion: 56 Resp: 78
Ion Ratio Lower Upper
56 100
69 19.7 23.5 35.3
84 92.6 63.4 95.2

Manual Integrations
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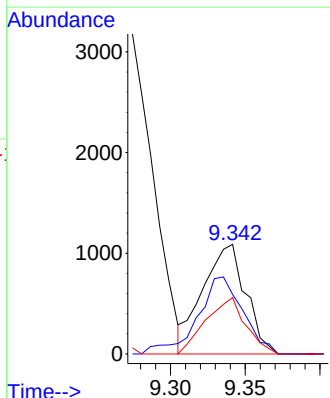
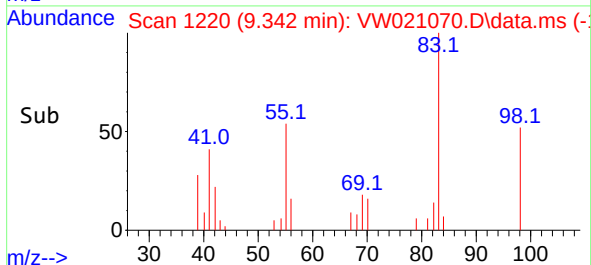
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Supervised By :Amit Patel 12/06/2021

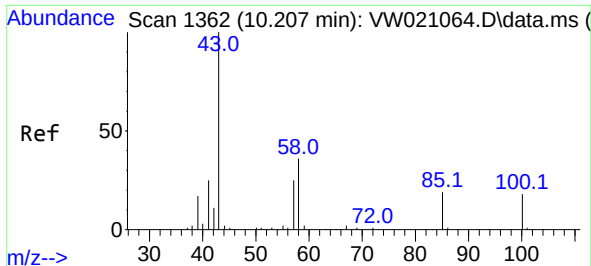


#35
Methylcyclohexane
Concen: 3.869 ug/L
RT: 9.342 min Scan# 1220
Delta R.T. 0.006 min
Lab File: VW021070.D
Acq: 03 Dec 2021 17:40



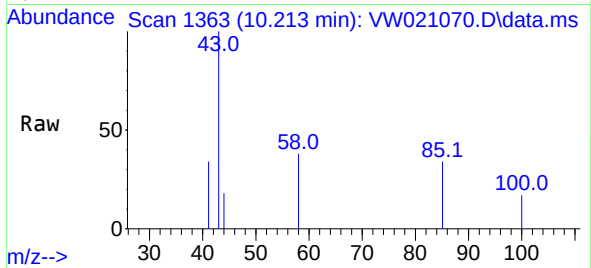
Tgt Ion: 83 Resp: 2178
Ion Ratio Lower Upper
83 100
55 74.0 70.8 106.2
98 47.7 37.7 56.5





#40
4-Methyl-2-pentanone
Concen: 3.327 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW021070.D
Acq: 03 Dec 2021 17:40

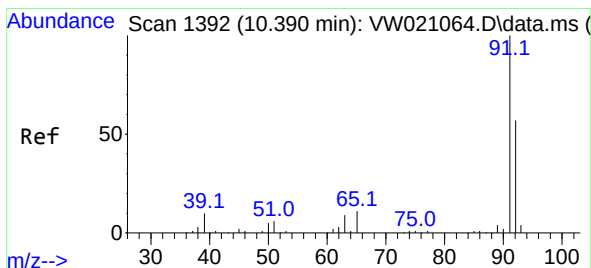
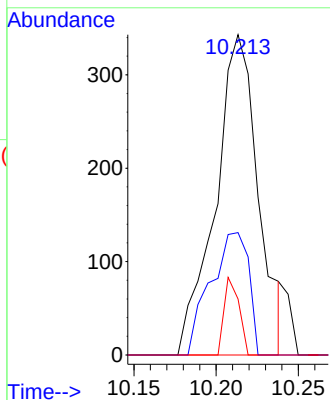
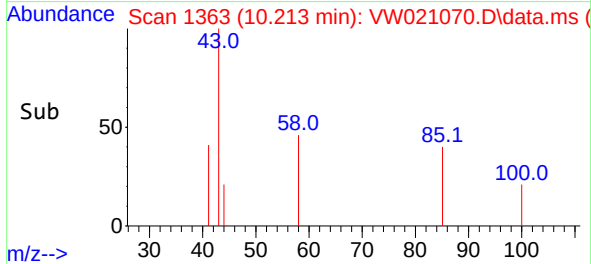
Instrument :
MSVOA_W
ClientSampleId :
EW9E5RE



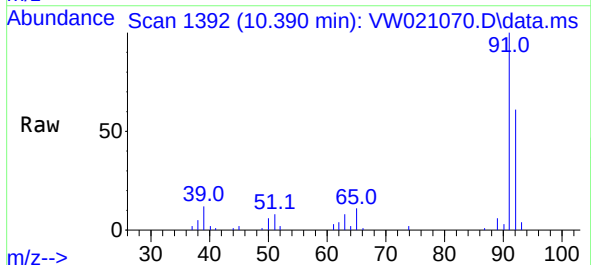
Tgt Ion: 43 Resp: 62
Ion Ratio Lower Upper
43 100
58 34.0 28.8 43.2
100 8.4 10.0 15.0

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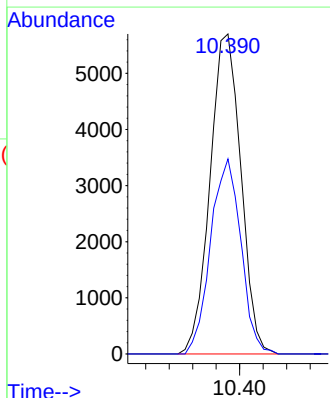
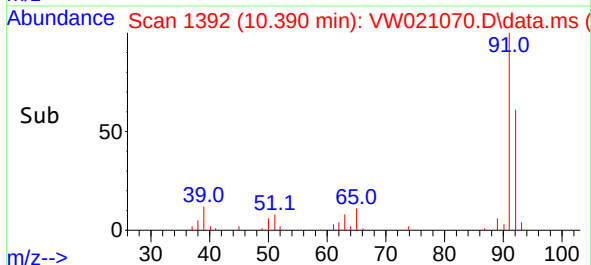
Reviewed By :Semsettin Yesilyurt 12/05/2021
Supervised By :Amit Patel 12/06/2021

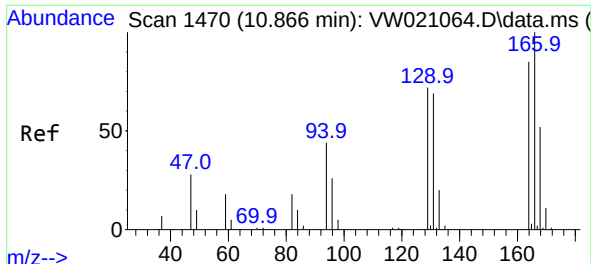


#42
Toluene
Concen: 7.522 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW021070.D
Acq: 03 Dec 2021 17:40



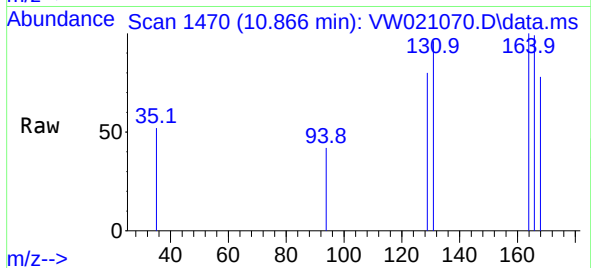
Tgt Ion: 91 Resp: 10416
Ion Ratio Lower Upper
91 100
92 60.9 41.7 77.5





#46
Tetrachloroethene
Concen: 0.725 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW021070.D
Acq: 03 Dec 2021 17:40

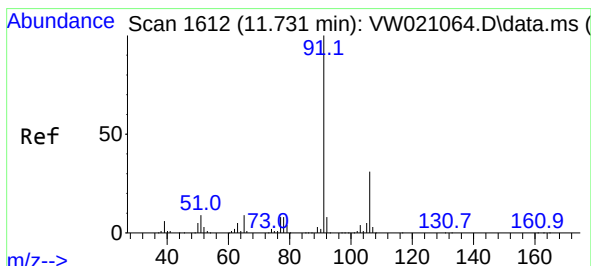
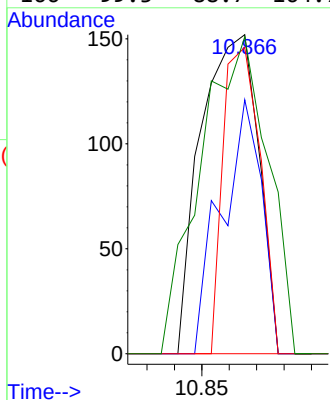
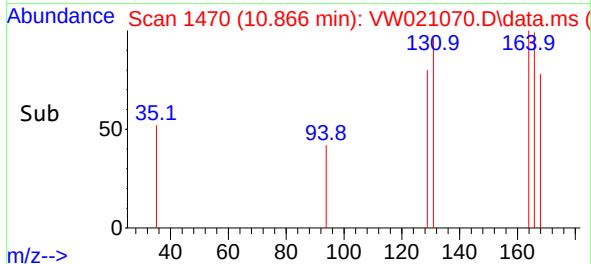
Instrument :
MSVOA_W
ClientSampleId :
EW9E5RE



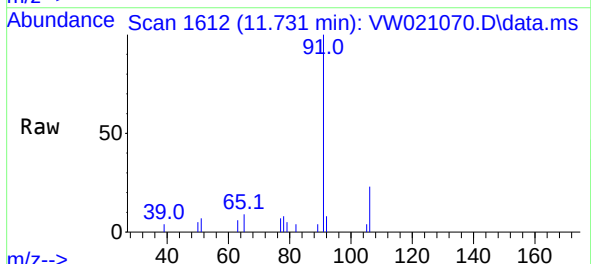
Tgt Ion:164 Resp: 222
Ion Ratio Lower Upper
164 100
129 79.6 65.5 121.7
131 96.1 59.7 110.9
166 99.3 88.7 164.7

Manual Integrations
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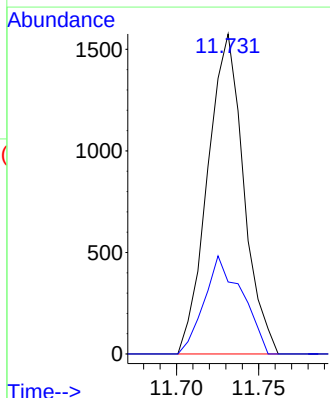
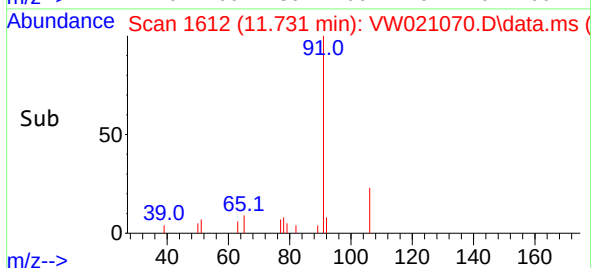
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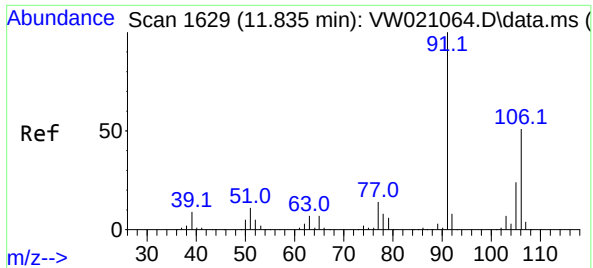


#52
Ethylbenzene
Concen: 1.542 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW021070.D
Acq: 03 Dec 2021 17:40



Tgt Ion: 91 Resp: 2404
Ion Ratio Lower Upper
91 100
106 22.5 21.5 39.9





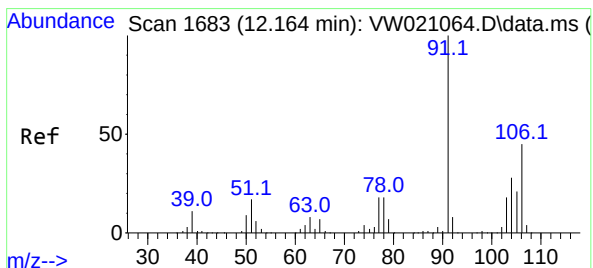
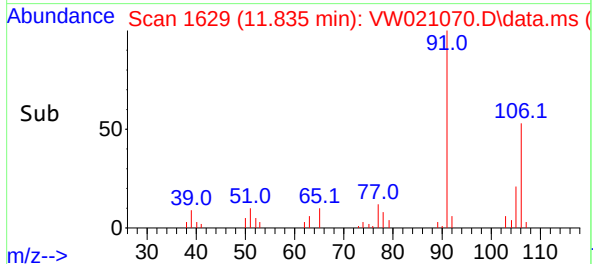
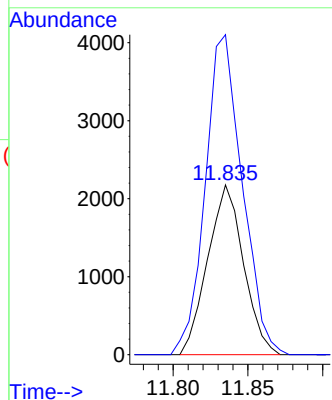
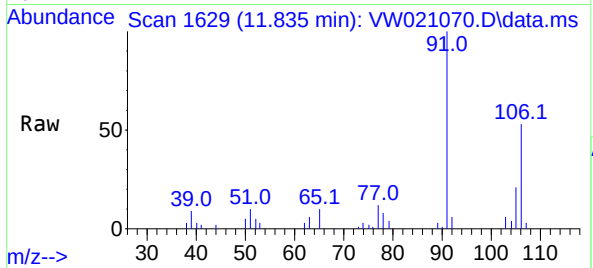
#53
m,p-Xylene
Concen: 5.620 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW021070.D
Acq: 03 Dec 2021 17:40

Instrument :
MSVOA_W
ClientSampleId :
EW9E5RE

Tgt Ion:106 Resp: 3624
Ion Ratio Lower Upper
106 100
91 188.5 149.9 278.3

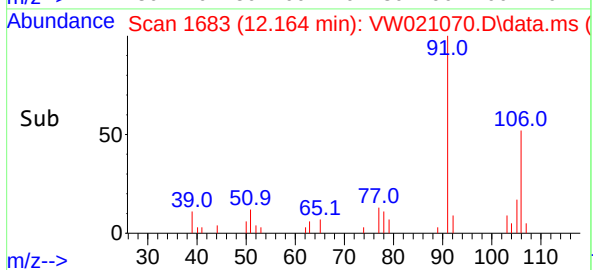
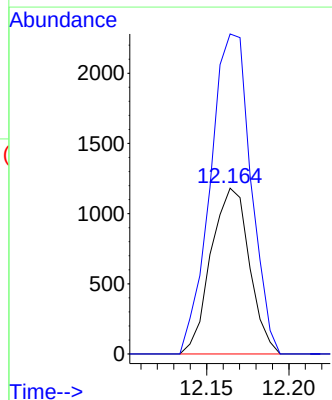
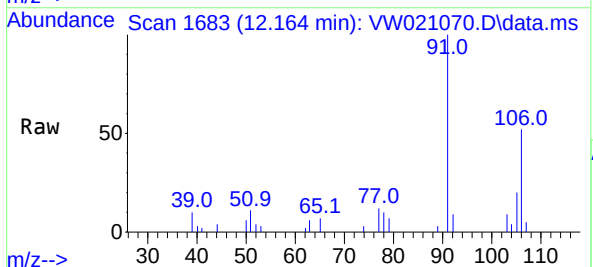
Manual Integrations
APPROVED

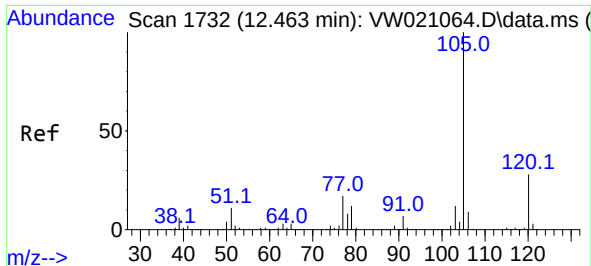
Reviewed By :Semsettin Yesilyurt 12/05/2021
Supervised By :Amit Patel 12/06/2021



#54
o-Xylene
Concen: 3.153 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW021070.D
Acq: 03 Dec 2021 17:40

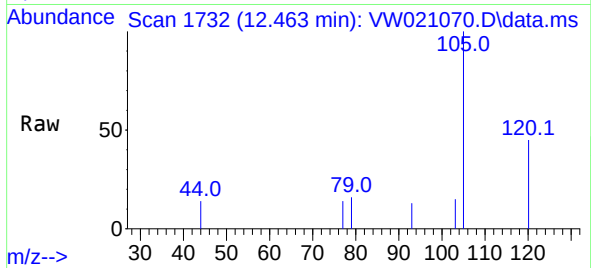
Tgt Ion:106 Resp: 1917
Ion Ratio Lower Upper
106 100
91 193.1 153.6 285.3





#60
Isopropylbenzene
Concen: 1.242 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021070.D
Acq: 03 Dec 2021 17:40

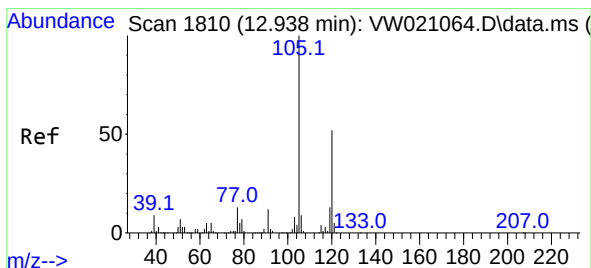
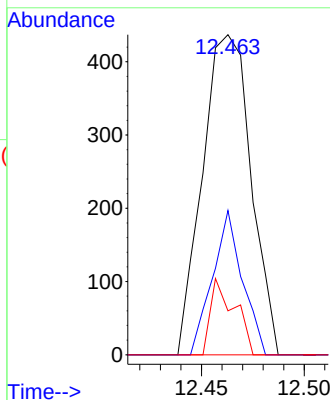
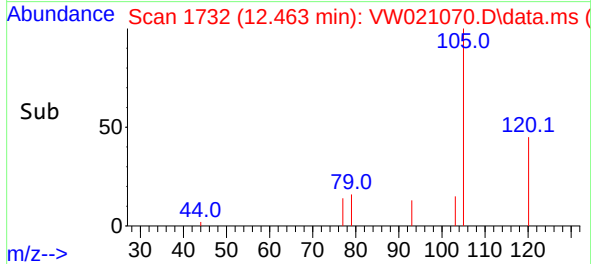
Instrument :
MSVOA_W
ClientSampleId :
EW9E5RE



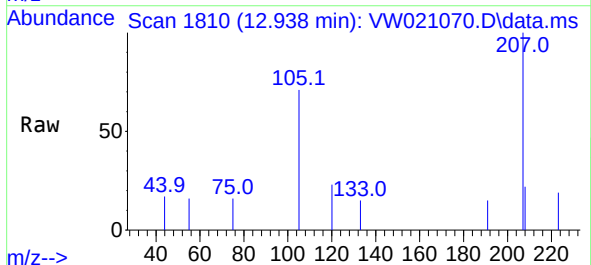
Tgt Ion:105 Resp: 71
Ion Ratio Lower Upper
105 100
120 27.8 20.1 30.1
77 11.9 13.8 20.8

Manual Integrations
APPROVED

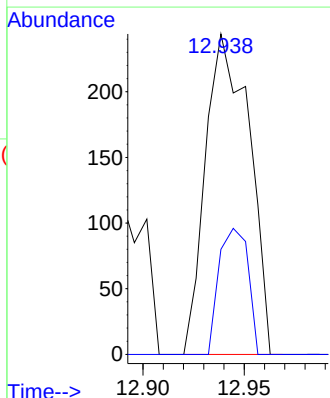
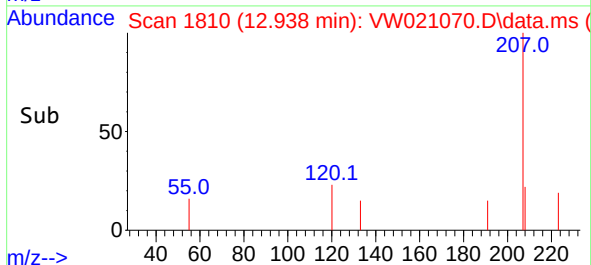
Reviewed By :Semsettin Yesilyurt 12/05/2021
Supervised By :Amit Patel 12/06/2021



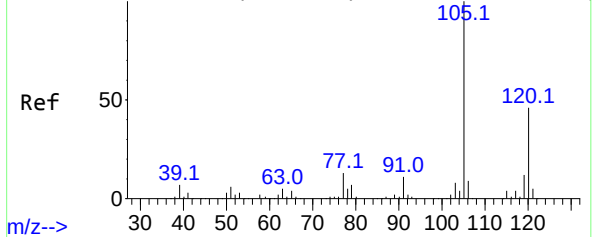
#62
1,3,5-Trimethylbenzene
Concen: 0.757 ug/L m
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW021070.D
Acq: 03 Dec 2021 17:40



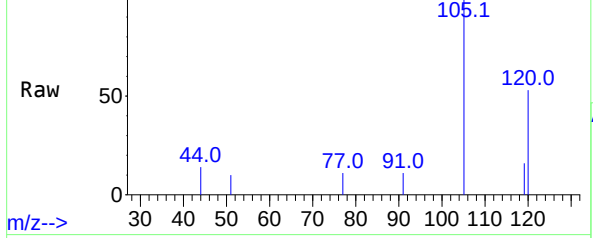
Tgt Ion:105 Resp: 366
Ion Ratio Lower Upper
105 100
120 122.4 37.4 56.2#



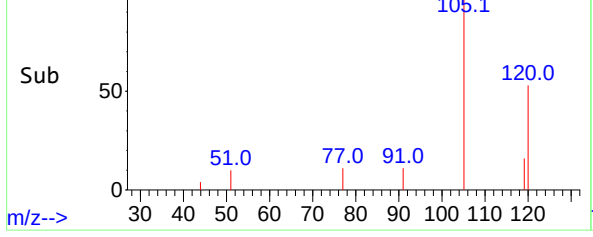
Abundance Scan 1861 (13.249 min): VW021064.D\data.ms (



Abundance Scan 1861 (13.249 min): VW021070.D\data.ms



Abundance Scan 1861 (13.249 min): VW021070.D\data.ms (



#63
1,2,4-Trimethylbenzene
Concen: 2.046 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW021070.D
Acq: 03 Dec 2021 17:40

Tgt Ion:105 Resp: 999
Ion Ratio Lower Upper
105 100
120 45.0 35.0 52.6

Instrument :
MSVOA_W
ClientSampleId :
EW9E5RE

Manual Integrations
APPROVED

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

