

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121221\
 Data File : VW021344.D
 Acq On : 12 Dec 2021 02:21
 Operator : SY/VA
 Sample : M5062-13
 Misc : 6.18g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGL12

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/13/2021
 Supervised By : Mahesh Dadoda 12/18/2021

Quant Time: Dec 13 03:23:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 10 23:12:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	62114	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.633	117	41911	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	9207	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	26933	23.808	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.240%
7) Chloroethane-d5	2.879	69	20909	27.959	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.840%
11) 1,1-Dichloroethene-d2	4.037	63	113096	74.988	ug/L	0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	299.960%#
21) 2-Butanone-d5	7.079	46	11630	72.932	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	145.860%#
24) Chloroform-d	7.646	84	49623	28.668	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	114.680%
26) 1,2-Dichloroethane-d4	8.305	65	25155	27.320	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.280%
32) Benzene-d6	8.274	84	85522	37.227	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	148.920%#
36) 1,2-Dichloropropane-d6	9.274	67	23423	38.018	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	152.080%#
41) Toluene-d8	10.323	98	68806	29.314	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	117.240%
43) trans-1,3-Dichloroprop...	10.579	79	8071	28.451	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	113.800%
47) 2-Hexanone-d5	10.926	63	6884	75.561	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	151.120%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	15064	28.443	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.760%
66) 1,2-Dichlorobenzene-d4	13.853	152	8951	25.085	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.360%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.043	96	175991m	228.581	ug/L	
13) Acetone	4.123	43	2902	20.300	ug/L	86
14) Carbon disulfide	4.385	76	11080	5.573	ug/L	99
16) Methylene chloride	4.921	84	5910	5.758	ug/L	79
17) trans-1,2-Dichloroethene	5.427	96	3316	3.978	ug/L	86
19) 1,1-Dichloroethane	6.220	63	210877	161.202	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	30860	35.097	ug/L	66
27) 1,2-Dichloroethane	8.396	62	1094	1.138	ug/L	# 77
33) Benzene	8.323	78	4790	2.098	ug/L	100
34) Trichloroethene	9.103	95	8503565m	13268.108	ug/L	
42) Toluene	10.390	91	341282	127.811	ug/L	99
46) Tetrachloroethene	10.871	164	8055914m	13231.730	ug/L	
51) Chlorobenzene	11.652	112	1105	0.618	ug/L	# 84
52) Ethylbenzene	11.731	91	5935	1.945	ug/L	97
53) m,p-Xylene	11.835	106	6915	5.618	ug/L	85
54) o-Xylene	12.164	106	5790	4.956	ug/L	86

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

Instrument :

MSVOA_W

ClientSampleId :

BGL12

Manual Integrations

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Supervised By :Mahesh Dadoda 12/18/2021

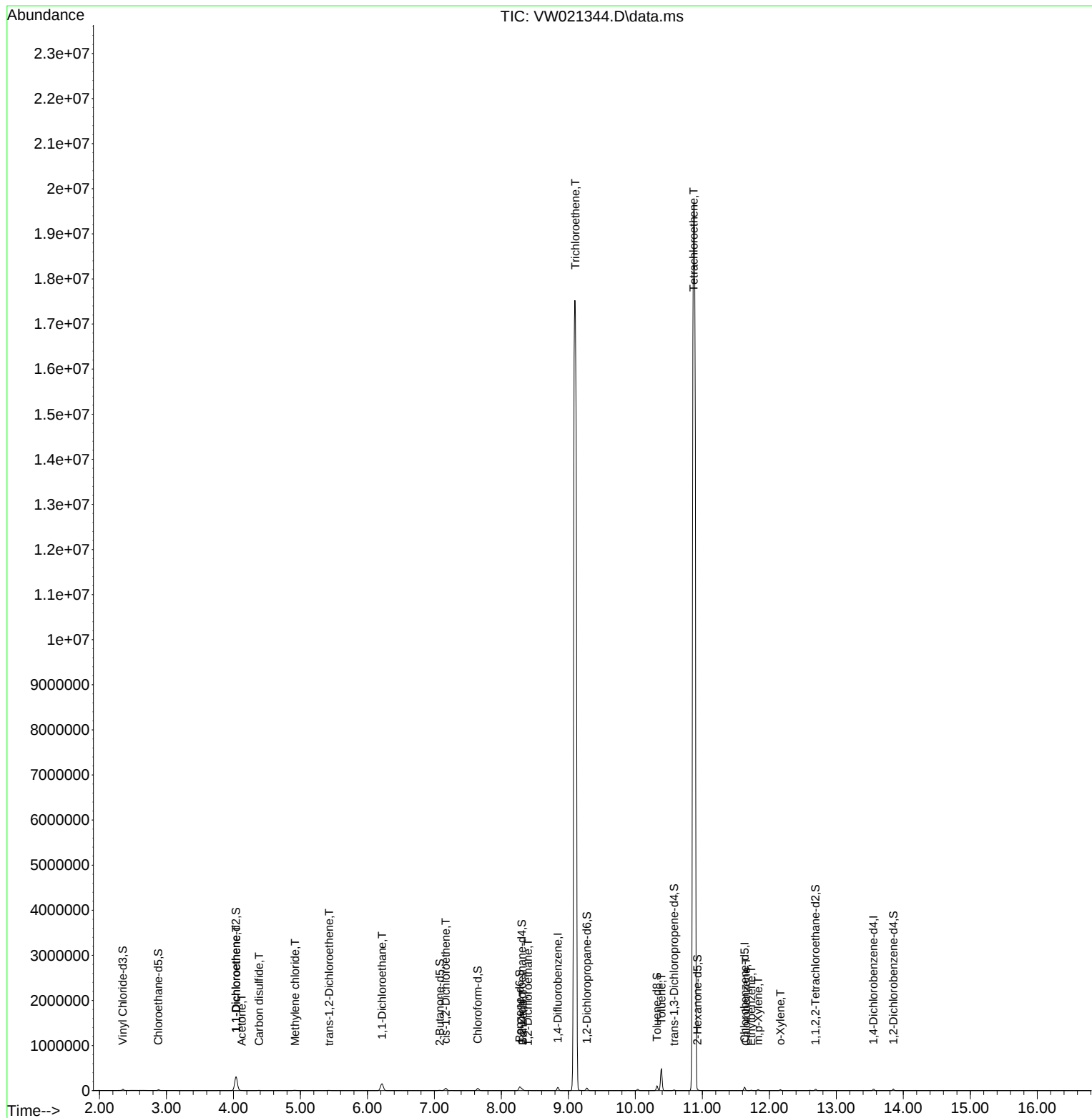
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121221\
Data File : VW021344.D
Acq On : 12 Dec 2021 02:21
Operator : SY/VA
Sample : M5062-13
Misc : 6.18g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

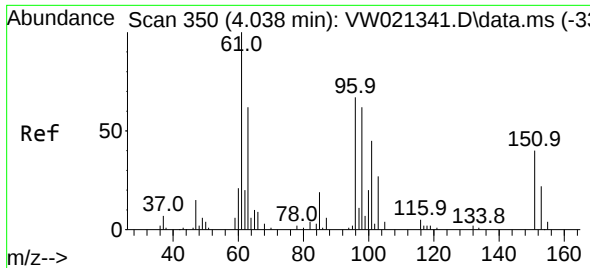
Instrument :
MSVOA_W
ClientSampleId :
BGL12

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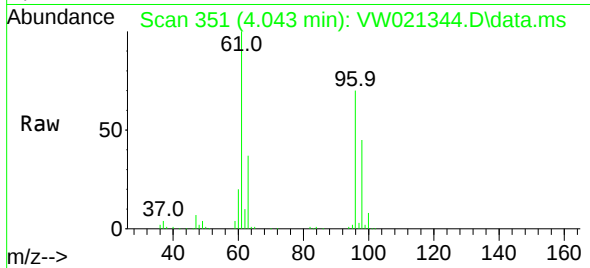
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 10 23:12:45 2021
Response via : Initial Calibration





#12
1,1-Dichloroethene
Concen: 228.581 ug/L m
RT: 4.043 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW021344.D
Acq: 12 Dec 2021 02:21

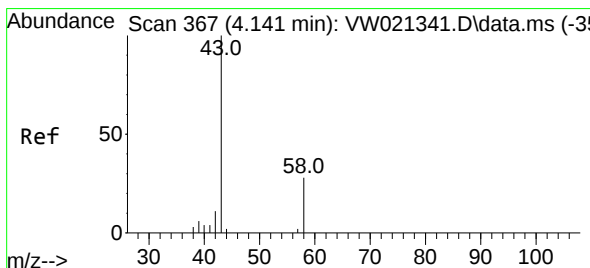
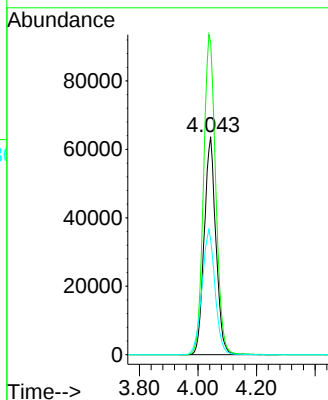
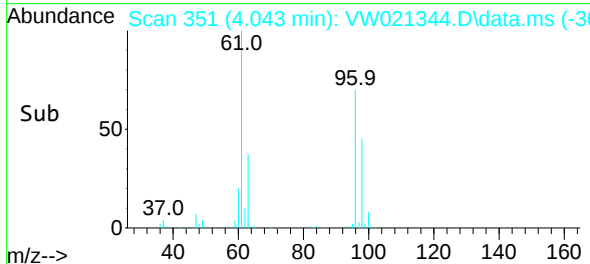
Instrument :
MSVOA_W
ClientSampleId :
BGL12



Tgt Ion: 96 Resp: 17599
Ion Ratio Lower Upper
96 100
61 143.3 138.3 256.9
63 52.6 82.6 153.4

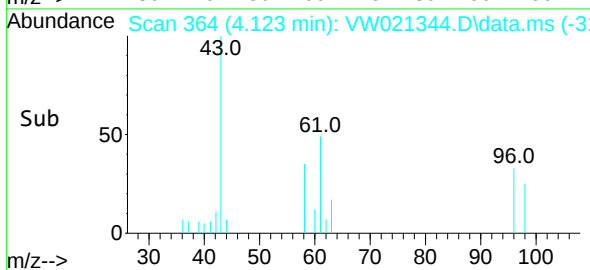
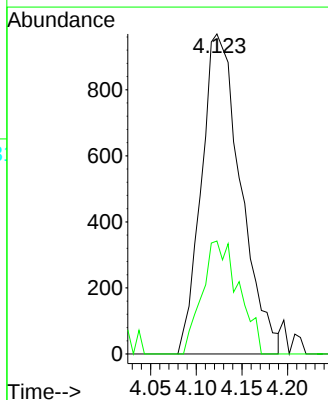
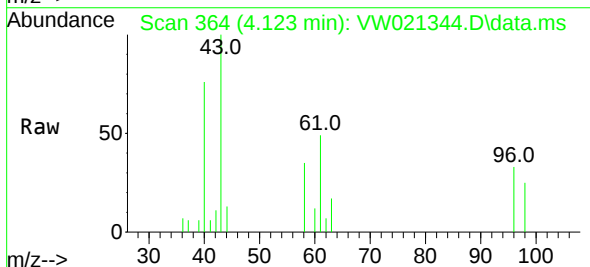
Manual Integrations
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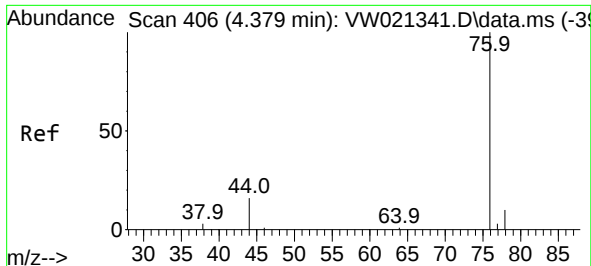
Reviewed By :Semsettin Yesilyurt 12/13/2021
Supervised By :Mahesh Dadoda 12/18/2021



#13
Acetone
Concen: 20.300 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW021344.D
Acq: 12 Dec 2021 02:21

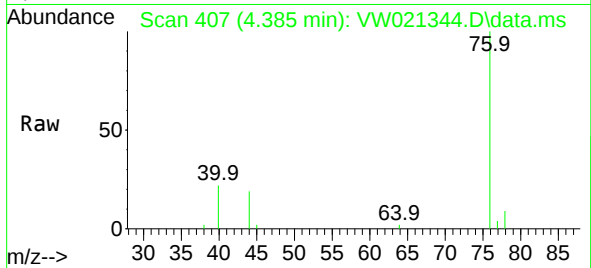
Tgt Ion: 43 Resp: 2902
Ion Ratio Lower Upper
43 100
58 19.2 0.0 52.8





#14
Carbon disulfide
Concen: 5.573 ug/L
RT: 4.385 min Scan# 406
Delta R.T. -0.000 min
Lab File: VW021344.D
Acq: 12 Dec 2021 02:21

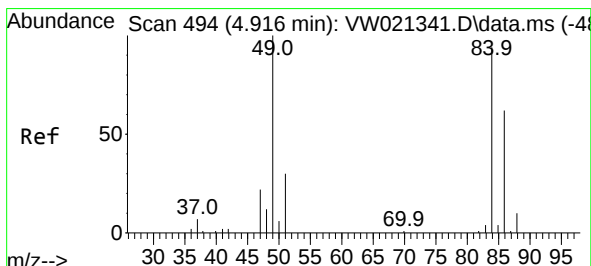
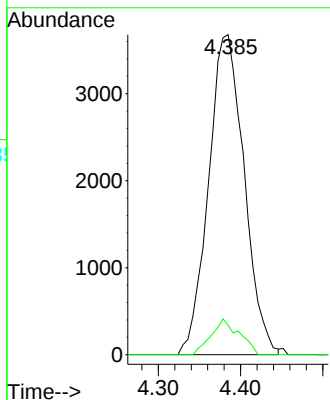
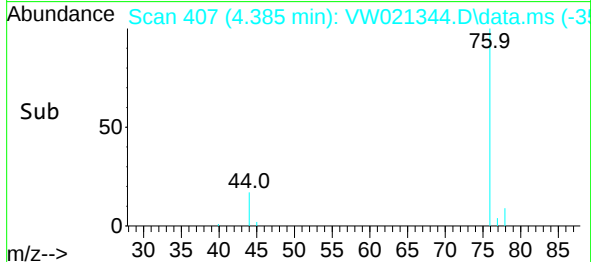
Instrument :
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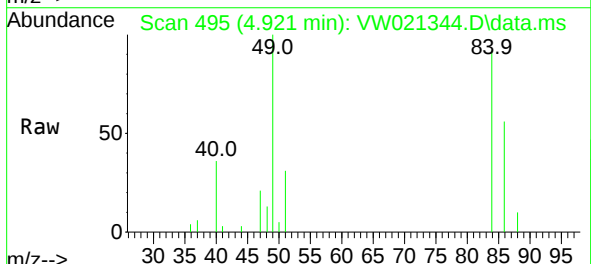
Tgt Ion: 76 Resp: 11080
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7

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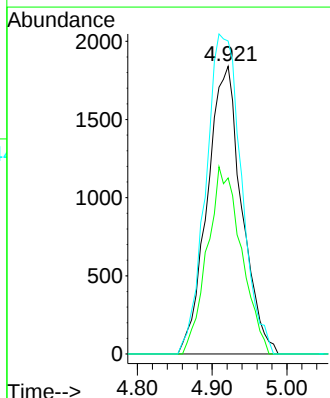
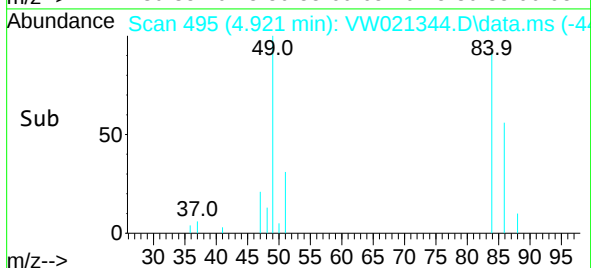
Reviewed By :Semsettin Yesilyurt 12/13/2021
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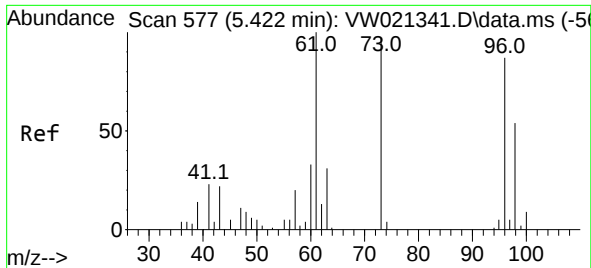


#16
Methylene chloride
Concen: 5.758 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW021344.D
Acq: 12 Dec 2021 02:21



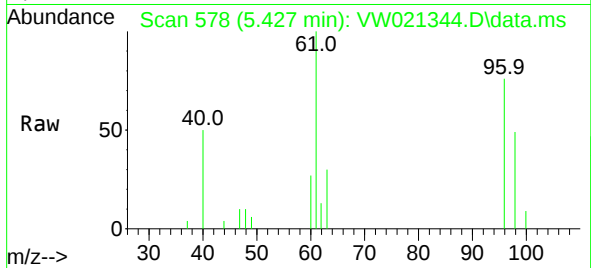
Tgt Ion: 84 Resp: 5910
Ion Ratio Lower Upper
84 100
86 61.2 45.5 84.5
49 108.8 100.5 186.7





#17
trans-1,2-Dichloroethene
Concen: 3.978 ug/L
RT: 5.427 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW021344.D
Acq: 12 Dec 2021 02:21

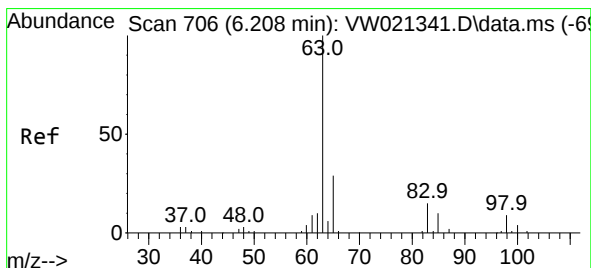
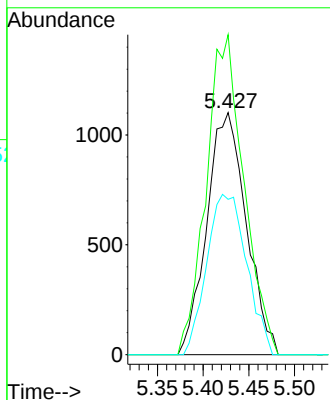
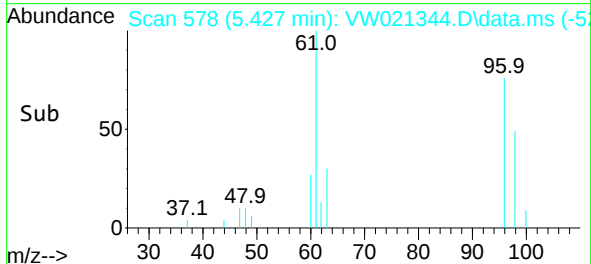
Instrument :
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ClientSampleId :
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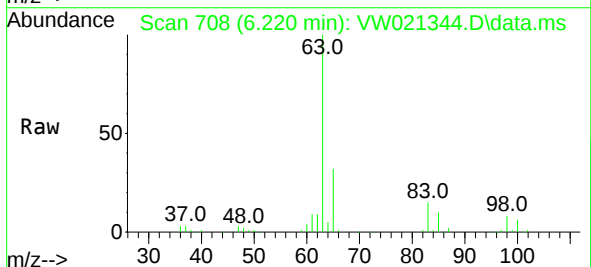
Tgt Ion: 96 Resp: 3310
Ion Ratio Lower Upper
96 100
61 132.2 107.4 199.4
98 64.2 41.2 76.6

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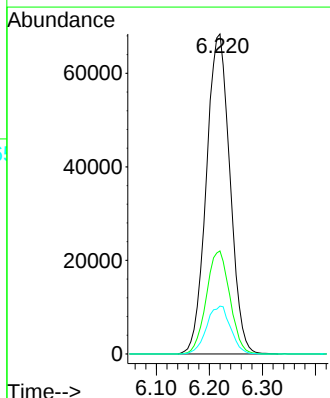
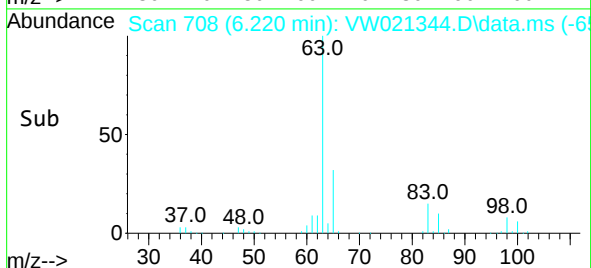
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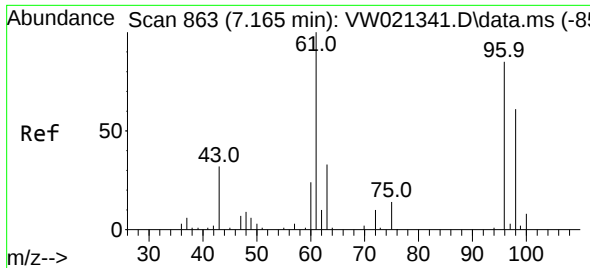


#19
1,1-Dichloroethane
Concen: 161.202 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.006 min
Lab File: VW021344.D
Acq: 12 Dec 2021 02:21



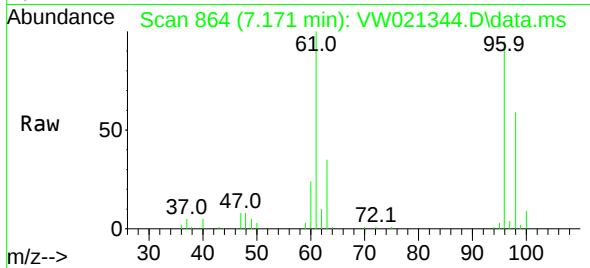
Tgt Ion: 63 Resp: 210877
Ion Ratio Lower Upper
63 100
65 32.2 22.1 41.1
83 15.0 9.2 17.2





#20
cis-1,2-Dichloroethene
Concen: 35.097 ug/L
RT: 7.171 min Scan# 863
Delta R.T. -0.000 min
Lab File: VW021344.D
Acq: 12 Dec 2021 02:21

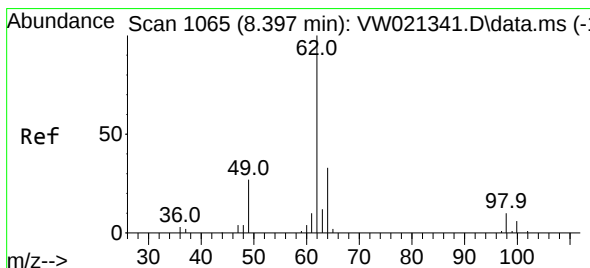
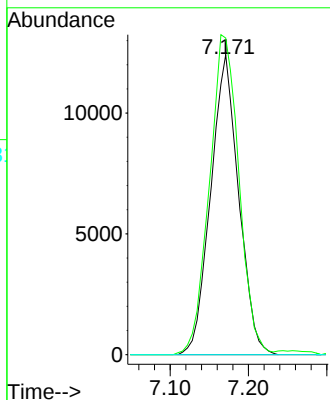
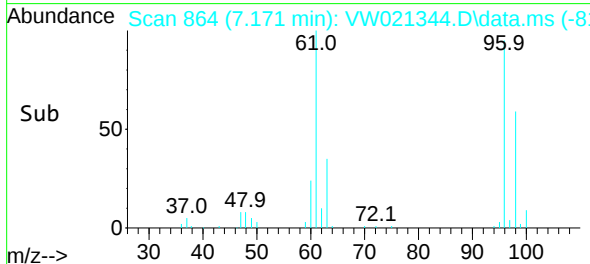
Instrument :
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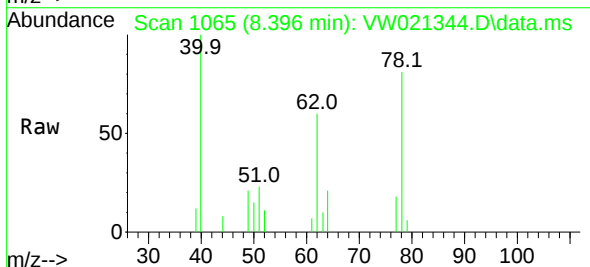
Tgt Ion: 96 Resp: 3086
Ion Ratio Lower Upper
96 100
61 105.5 103.7 192.7
68 0.0 0.0 0.0

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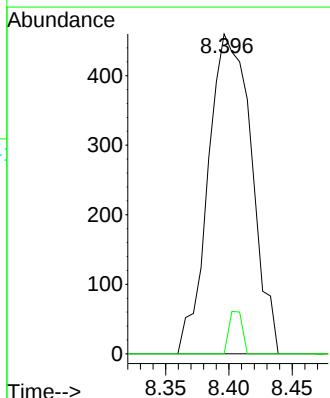
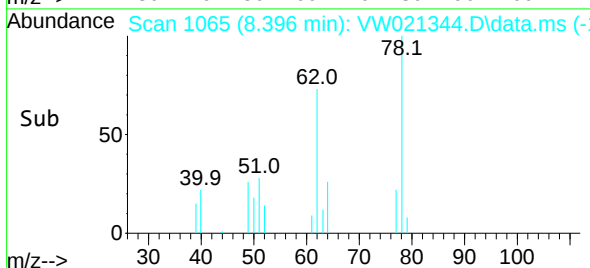
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Supervised By :Mahesh Dadoda 12/18/2021

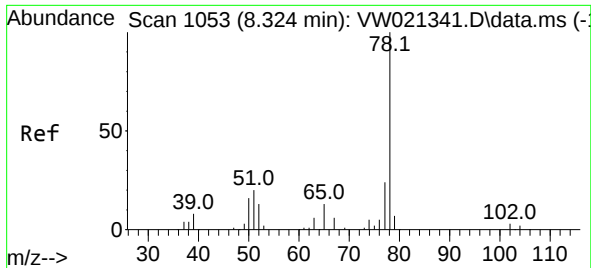


#27
1,2-Dichloroethane
Concen: 1.138 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.007 min
Lab File: VW021344.D
Acq: 12 Dec 2021 02:21



Tgt Ion: 62 Resp: 1094
Ion Ratio Lower Upper
62 100
98 0.0 6.5 9.7#





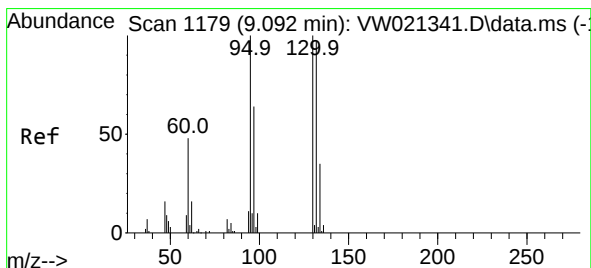
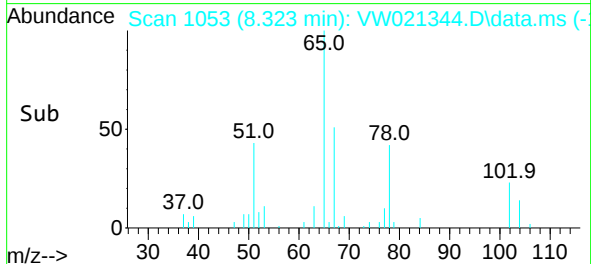
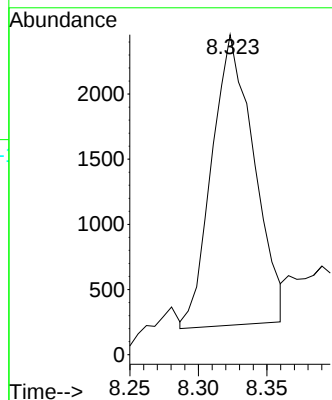
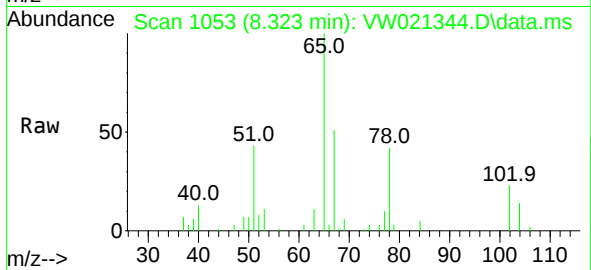
#33
Benzene
Concen: 2.098 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW021344.D
Acq: 12 Dec 2021 02:21

Instrument :
MSVOA_W
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Tgt Ion: 78 Resp: 4790

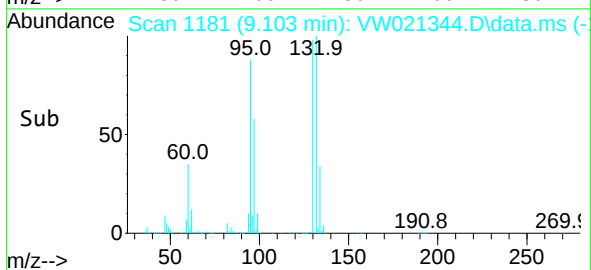
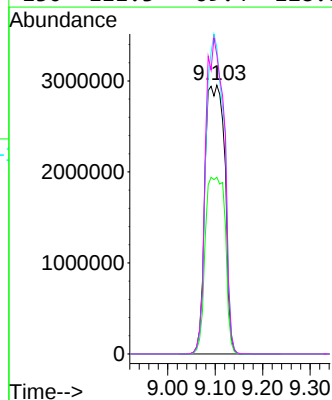
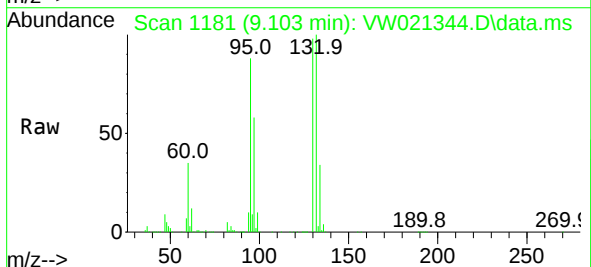
Manual Integrations
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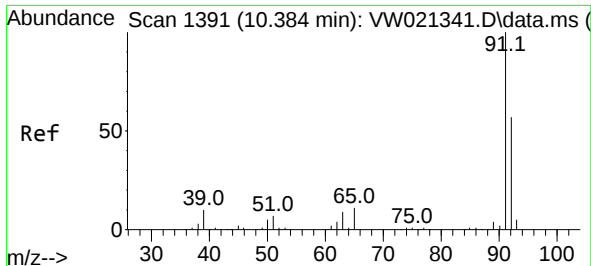
Reviewed By :Semsettin Yesilyurt 12/13/2021
Supervised By :Mahesh Dadoda 12/18/2021



#34
Trichloroethene
Concen: 13268.108 ug/L m
RT: 9.103 min Scan# 1181
Delta R.T. 0.012 min
Lab File: VW021344.D
Acq: 12 Dec 2021 02:21

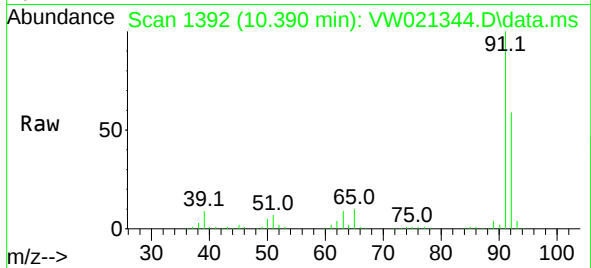
Tgt Ion: 95 Resp: 8503565
Ion Ratio Lower Upper
95 100
97 65.7 47.0 87.2
132 114.1 65.5 121.6
130 111.3 69.4 128.8





#42
Toluene
Concen: 127.811 ug/L
RT: 10.390 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021344.D
Acq: 12 Dec 2021 02:21

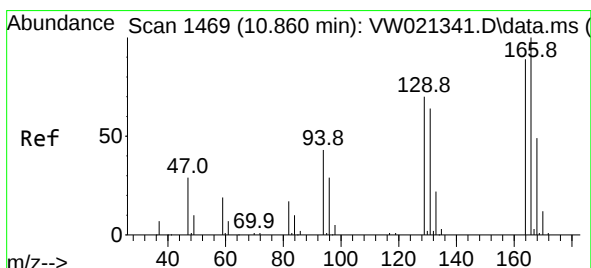
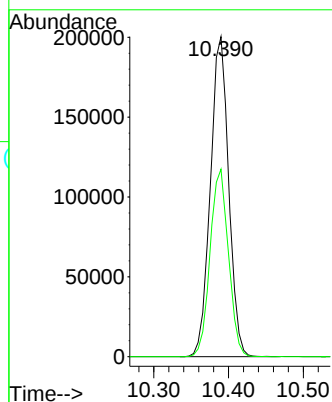
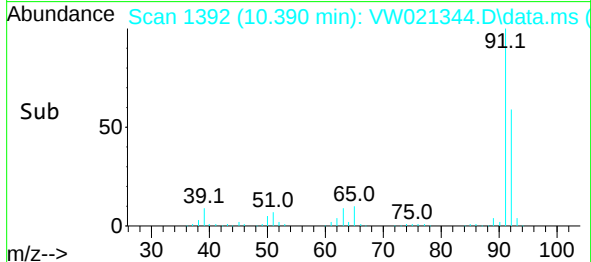
Instrument :
MSVOA_W
ClientSampleId :
BGL12



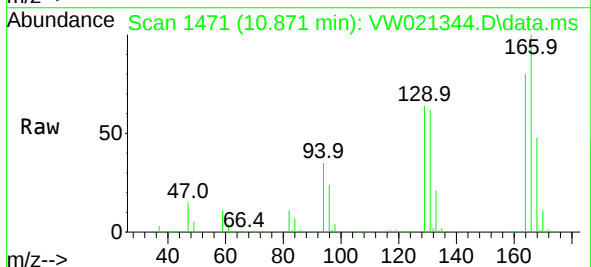
Tgt Ion: 91 Resp: 34128
Ion Ratio Lower Upper
91 100
92 58.6 41.7 77.5

Manual Integrations
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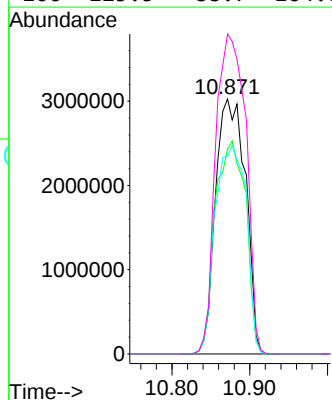
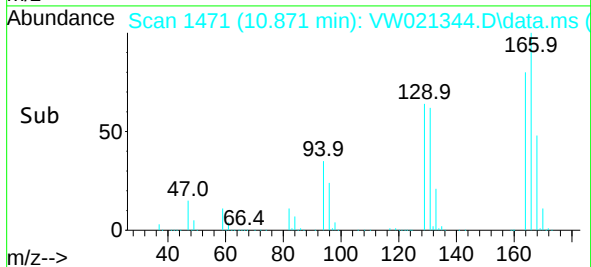
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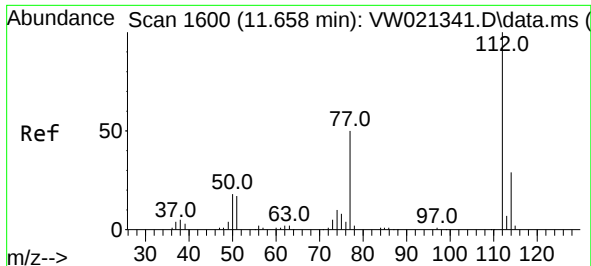


#46
Tetrachloroethene
Concen: 13231.730 ug/L m
RT: 10.871 min Scan# 1471
Delta R.T. 0.012 min
Lab File: VW021344.D
Acq: 12 Dec 2021 02:21



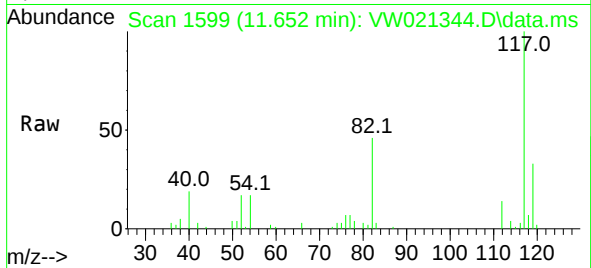
Tgt Ion:164 Resp: 8055914
Ion Ratio Lower Upper
164 100
129 80.4 65.5 121.7
131 77.6 59.7 110.9
166 125.5 88.7 164.7





#51
Chlorobenzene
Concen: 0.618 ug/L
RT: 11.652 min Scan# 1109
Delta R.T. -0.007 min
Lab File: VW021344.D
Acq: 12 Dec 2021 02:21

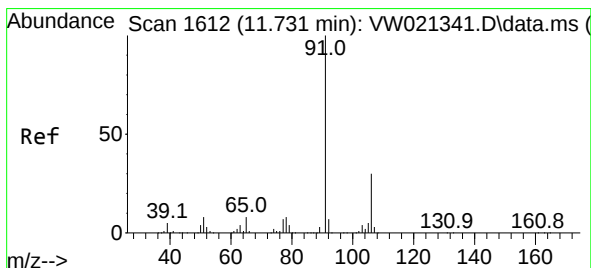
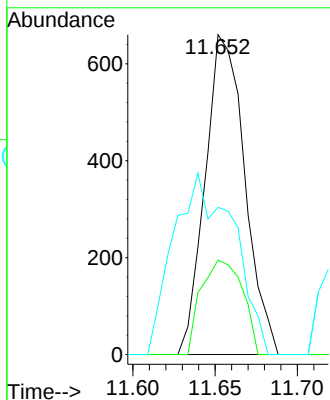
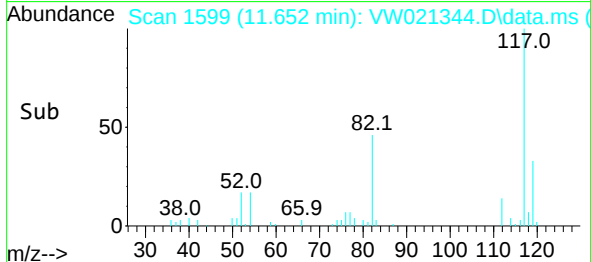
Instrument :
MSVOA_W
ClientSampleId :
BGL12



Tgt Ion:112 Resp: 1109
Ion Ratio Lower Upper
112 100
114 29.5 22.4 41.6
77 46.1 50.2 75.4

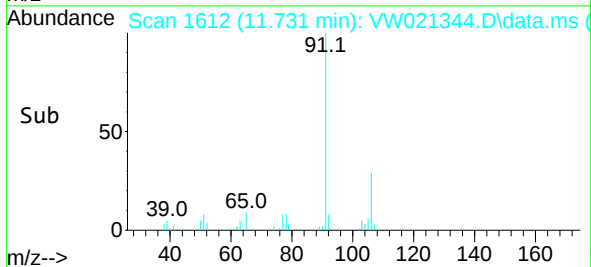
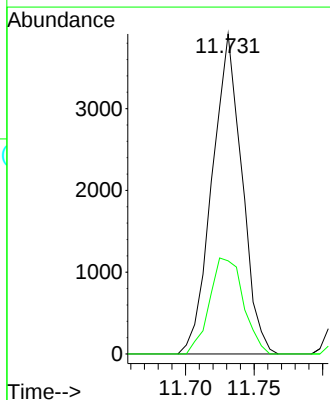
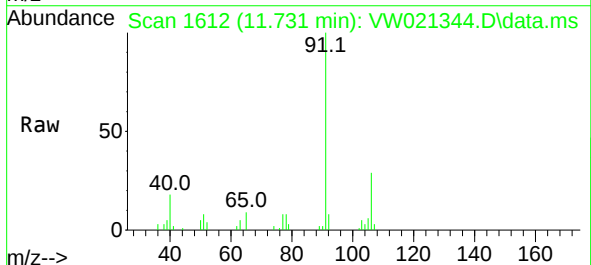
Manual Integrations
APPROVED

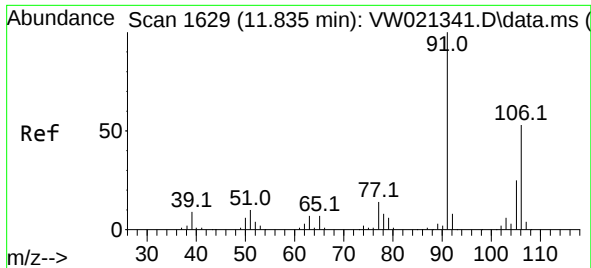
Reviewed By :Semsettin Yesilyurt 12/13/2021
Supervised By :Mahesh Dadoda 12/18/2021



#52
Ethylbenzene
Concen: 1.945 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW021344.D
Acq: 12 Dec 2021 02:21

Tgt Ion: 91 Resp: 5935
Ion Ratio Lower Upper
91 100
106 29.1 21.5 39.9





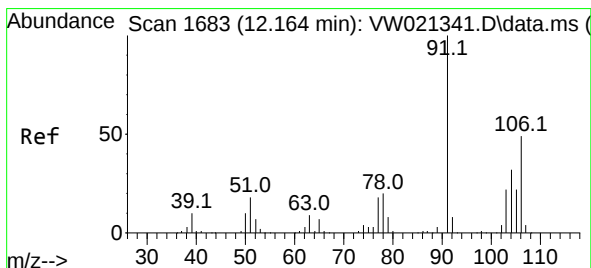
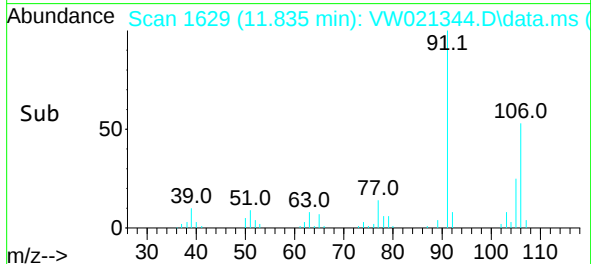
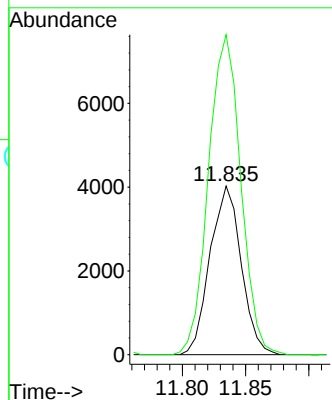
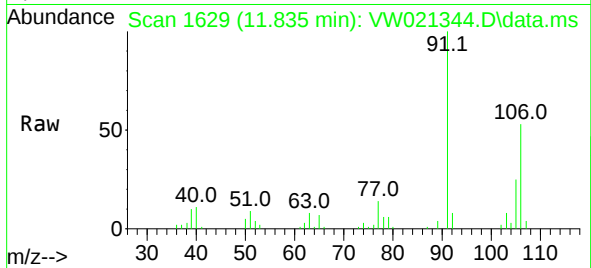
#53
m,p-Xylene
Concen: 5.618 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.007 min
Lab File: VW021344.D
Acq: 12 Dec 2021 02:21

Instrument :
MSVOA_W
ClientSampleId :
BGL12

Tgt Ion:106 Resp: 691
Ion Ratio Lower Upper
106 100
91 189.7 149.9 278.3

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/13/2021
Supervised By :Mahesh Dadoda 12/18/2021



#54
o-Xylene
Concen: 4.956 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021344.D
Acq: 12 Dec 2021 02:21

Tgt Ion:106 Resp: 5790
Ion Ratio Lower Upper
106 100
91 196.8 153.6 285.3

