

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121621\
 Data File : VW021406.D
 Acq On : 16 Dec 2021 10:56
 Operator : SY/VA
 Sample : M5101-07
 Misc : 5.85g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGL28

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/17/2021
 Supervised By : Mahesh Dadoda 12/24/2021

Quant Time: Dec 17 00:59:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 17 00:58:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	97136	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	76101	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	21677	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	33537	18.957	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	75.840%		
7) Chloroethane-d5	2.873	69	25412	21.729	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	86.920%		
11) 1,1-Dichloroethene-d2	4.019	63	56880	24.117	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	96.480%		
21) 2-Butanone-d5	7.068	46	15375m	61.655	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	123.300%		
24) Chloroform-d	7.647	84	64641	23.880	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	95.520%		
26) 1,2-Dichloroethane-d4	8.299	65	33554	23.303	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	93.200%		
32) Benzene-d6	8.269	84	118673	28.449	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	113.800%		
36) 1,2-Dichloropropane-d6	9.275	67	31363	28.035	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	112.160%		
41) Toluene-d8	10.323	98	106221	24.923	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	99.680%		
43) trans-1,3-Dichloroprop...	10.579	79	12044	23.382	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	93.520%		
47) 2-Hexanone-d5	10.921	63	9610	58.092	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	116.180%		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	22109	22.990	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	91.960%		
66) 1,2-Dichlorobenzene-d4	13.847	152	17517	20.851	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	83.400%		
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	4.038	96	42181	35.033	ug/L #	67
13) Acetone	4.129	43	2520m	11.272	ug/L	
14) Carbon disulfide	4.373	76	6546	2.105	ug/L #	91
19) 1,1-Dichloroethane	6.208	63	46547	22.753	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	17201	12.509	ug/L	73
34) Trichloroethene	9.092	95	3427228	2945.022	ug/L	90
42) Toluene	10.384	91	163465	33.715	ug/L	100
46) Tetrachloroethene	10.872	164	8440378	7634.865	ug/L	96
52) Ethylbenzene	11.731	91	22651	4.088	ug/L	98
53) m,p-Xylene	11.829	106	35165	15.733	ug/L	85
54) o-Xylene	12.164	106	16743	7.893	ug/L	89

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

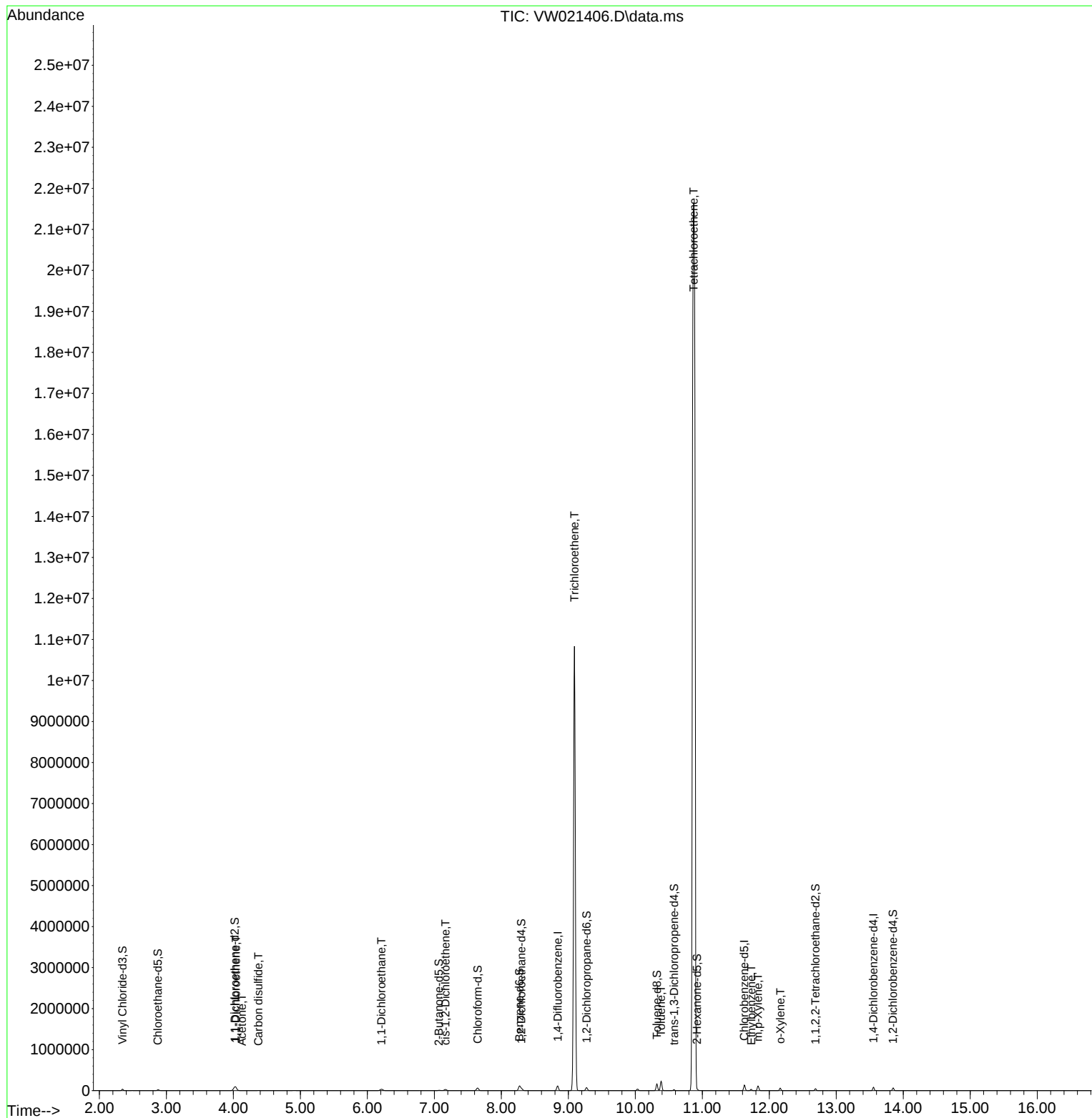
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121621\
Data File : VW021406.D
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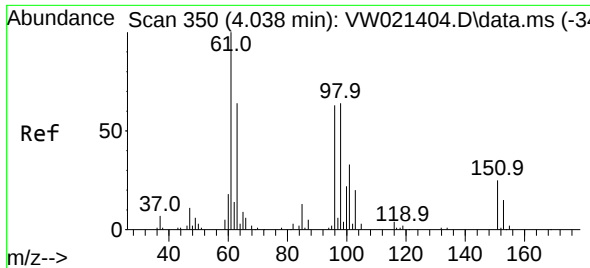
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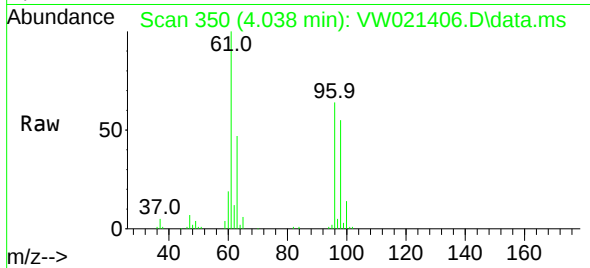
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 17 00:58:26 2021
Response via : Initial Calibration





#12
1,1-Dichloroethene
Concen: 35.033 ug/L
RT: 4.038 min Scan# 350
Delta R.T. 0.000 min
Lab File: VW021406.D
Acq: 16 Dec 2021 10:56

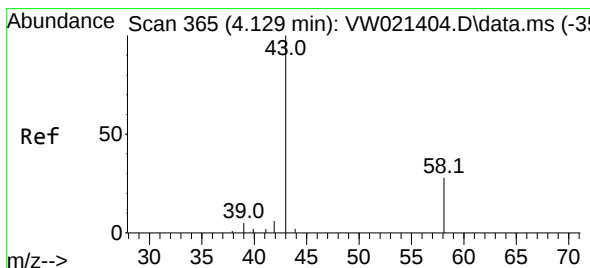
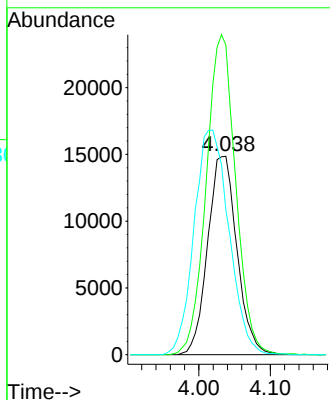
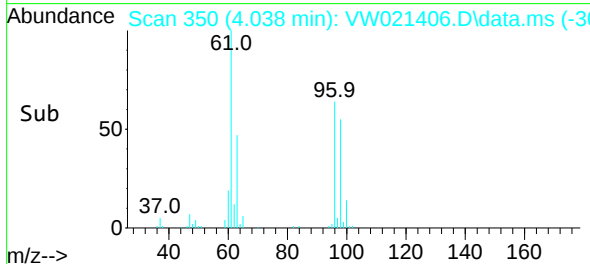
Instrument :
MSVOA_W
ClientSampleId :
BGL28



Tgt Ion: 96 Resp: 4218
Ion Ratio Lower Upper
96 100
61 156.0 138.3 256.9
63 73.0 82.6 153.4

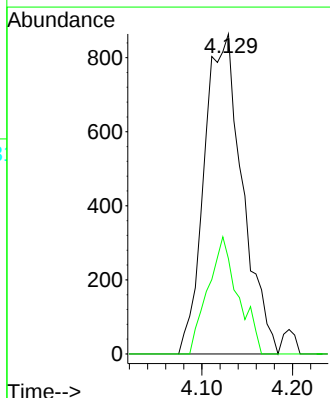
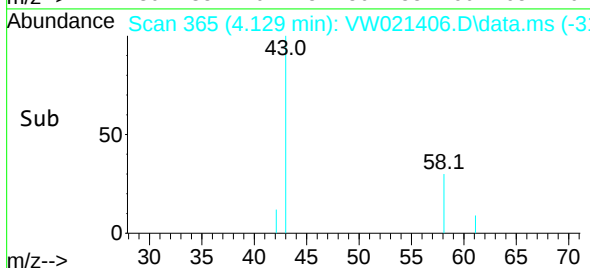
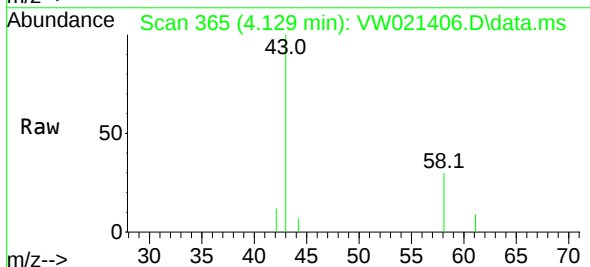
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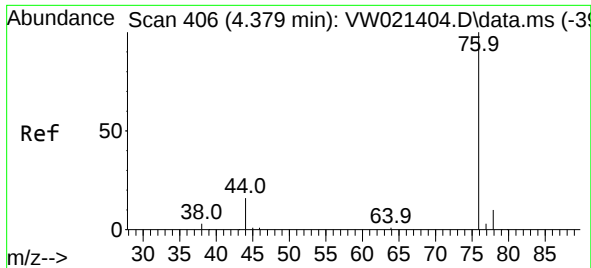
Reviewed By :Semsettin Yesilyurt 12/17/2021
Supervised By :Mahesh Dadoda 12/24/2021



#13
Acetone
Concen: 11.272 ug/L m
RT: 4.129 min Scan# 365
Delta R.T. 0.000 min
Lab File: VW021406.D
Acq: 16 Dec 2021 10:56

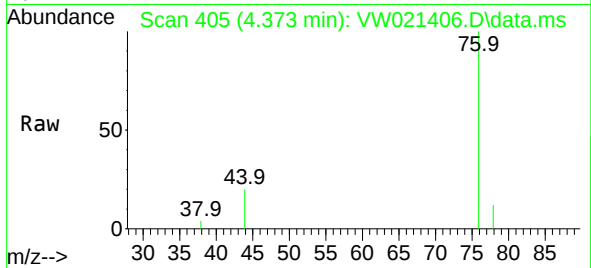
Tgt Ion: 43 Resp: 2520
Ion Ratio Lower Upper
43 100
58 28.9 0.0 52.8





#14
Carbon disulfide
Concen: 2.105 ug/L
RT: 4.373 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW021406.D
Acq: 16 Dec 2021 10:56

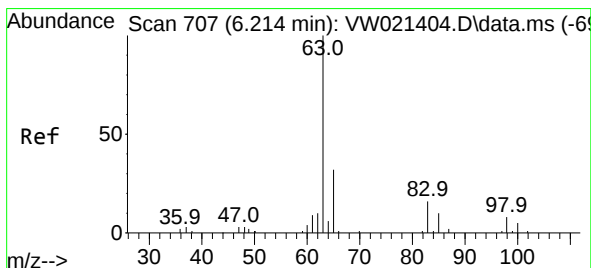
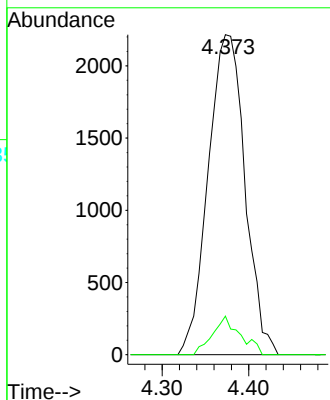
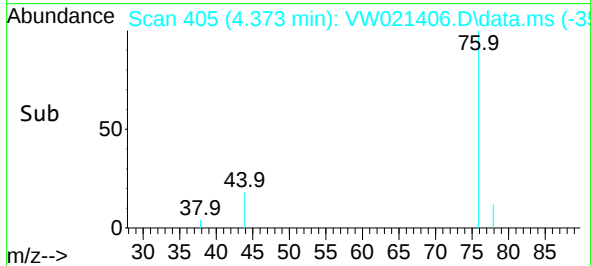
Instrument :
MSVOA_W
ClientSampleId :
BGL28



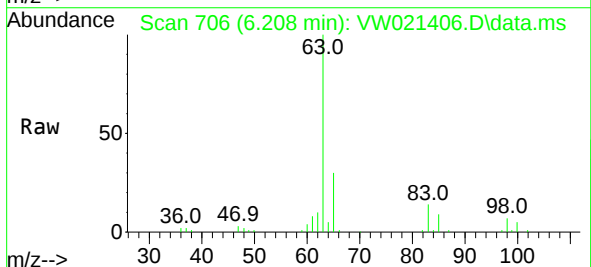
Tgt Ion: 76 Resp: 6540
Ion Ratio Lower Upper
76 100
78 12.0 7.1 10.7

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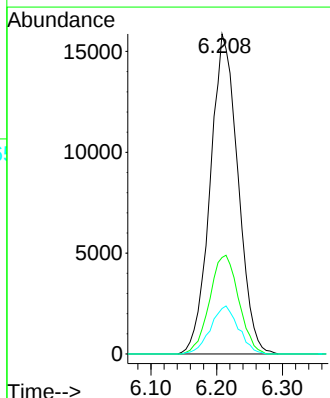
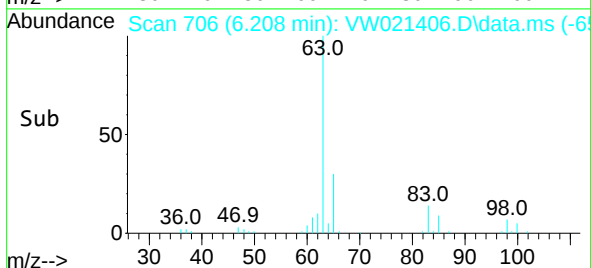
Reviewed By :Semsettin Yesilyurt 12/17/2021
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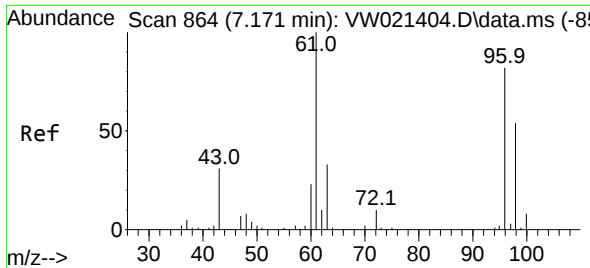


#19
1,1-Dichloroethane
Concen: 22.753 ug/L
RT: 6.208 min Scan# 706
Delta R.T. -0.006 min
Lab File: VW021406.D
Acq: 16 Dec 2021 10:56



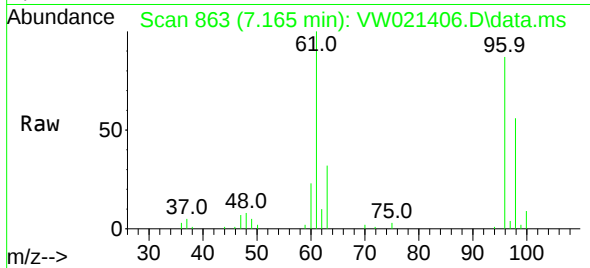
Tgt Ion: 63 Resp: 46547
Ion Ratio Lower Upper
63 100
65 30.2 22.1 41.1
83 14.2 9.2 17.2





#20
cis-1,2-Dichloroethene
Concen: 12.509 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW021406.D
Acq: 16 Dec 2021 10:56

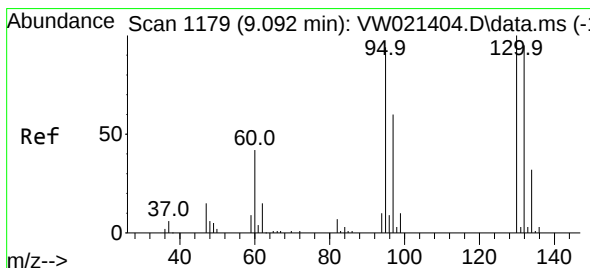
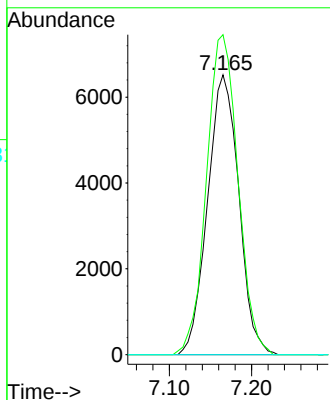
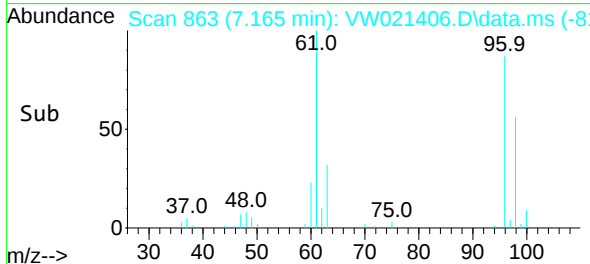
Instrument :
MSVOA_W
ClientSampleId :
BGL28



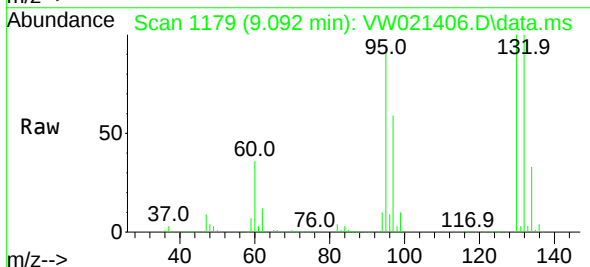
Tgt Ion: 96 Resp: 1720
Ion Ratio Lower Upper
96 100
61 114.3 103.7 192.7
68 0.0 0.0 0.0

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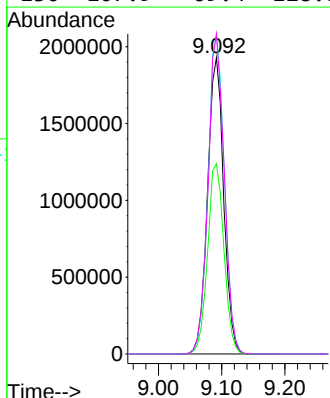
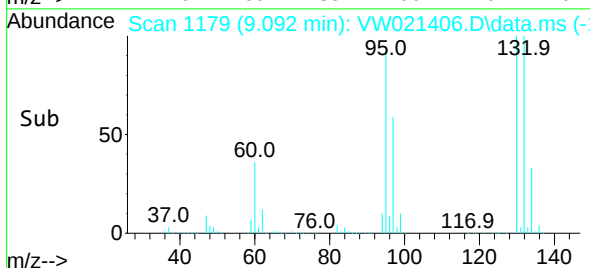
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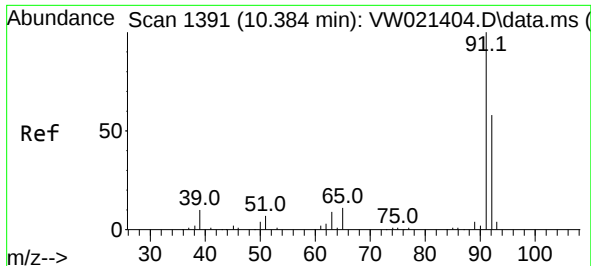


#34
Trichloroethene
Concen: 2945.022 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW021406.D
Acq: 16 Dec 2021 10:56



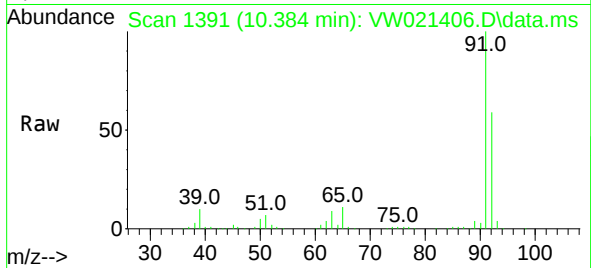
Tgt Ion: 95 Resp: 3427228
Ion Ratio Lower Upper
95 100
97 64.1 47.0 87.2
132 107.6 65.5 121.6
130 107.9 69.4 128.8





#42
Toluene
Concen: 33.715 ug/L
RT: 10.384 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW021406.D
Acq: 16 Dec 2021 10:56

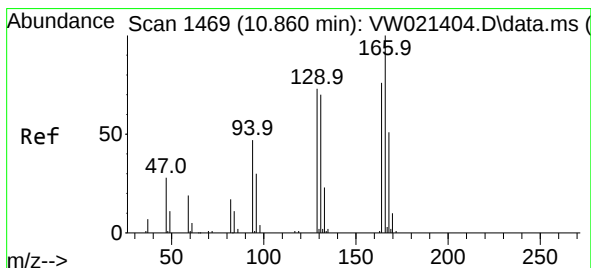
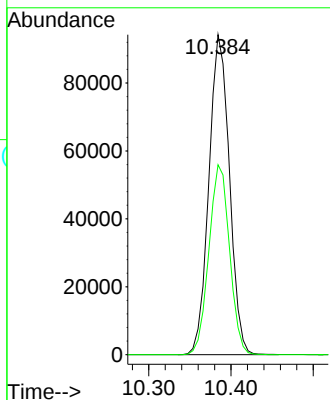
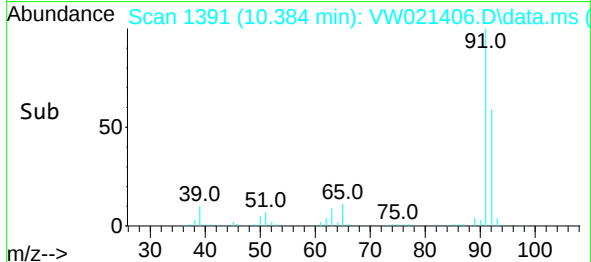
Instrument :
MSVOA_W
ClientSampleId :
BGL28



Tgt Ion: 91 Resp: 16346
Ion Ratio Lower Upper
91 100
92 59.4 41.7 77.5

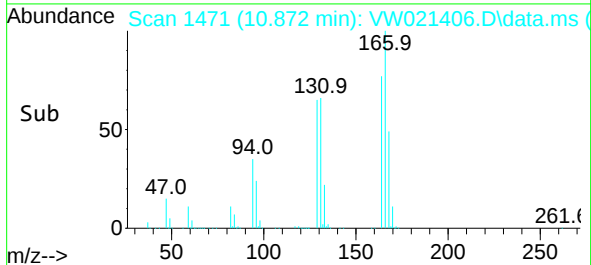
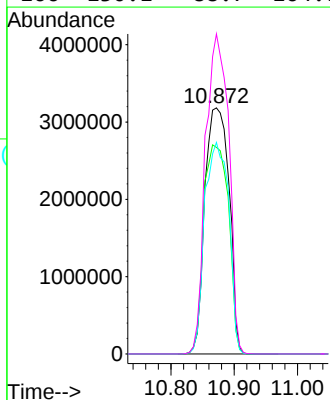
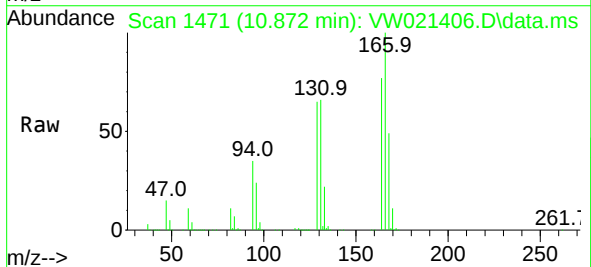
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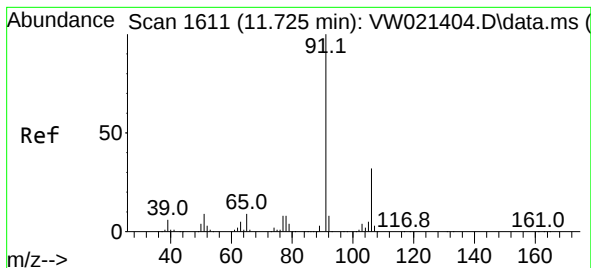
Reviewed By :Semsettin Yesilyurt 12/17/2021
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#46
Tetrachloroethene
Concen: 7634.865 ug/L
RT: 10.872 min Scan# 1471
Delta R.T. 0.012 min
Lab File: VW021406.D
Acq: 16 Dec 2021 10:56

Tgt Ion:164 Resp: 8440378
Ion Ratio Lower Upper
164 100
129 84.0 65.5 121.7
131 86.0 59.7 110.9
166 130.1 88.7 164.7





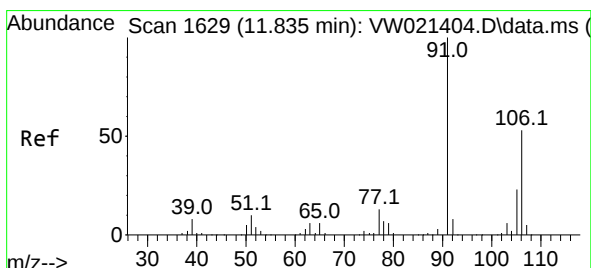
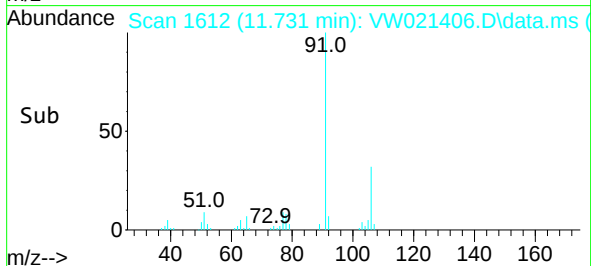
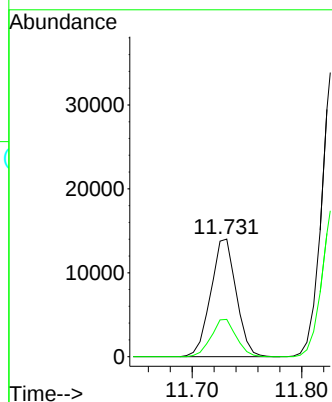
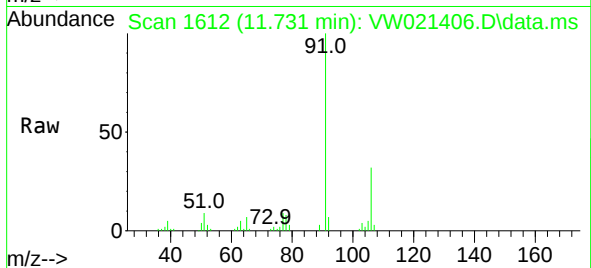
#52
Ethylbenzene
Concen: 4.088 ug/L
RT: 11.731 min Scan# 1611
Delta R.T. 0.006 min
Lab File: VW021406.D
Acq: 16 Dec 2021 10:56

Instrument :
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Tgt Ion: 91 Resp: 2265
Ion Ratio Lower Upper
91 100
106 31.7 21.5 39.9

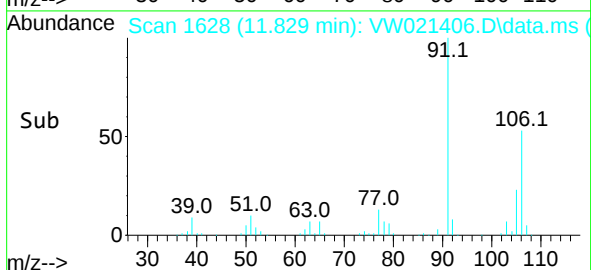
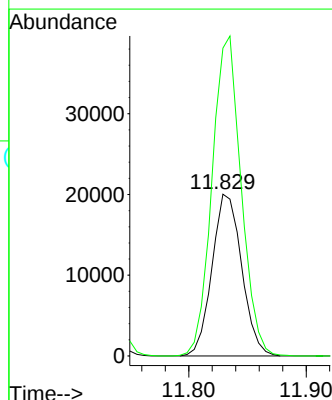
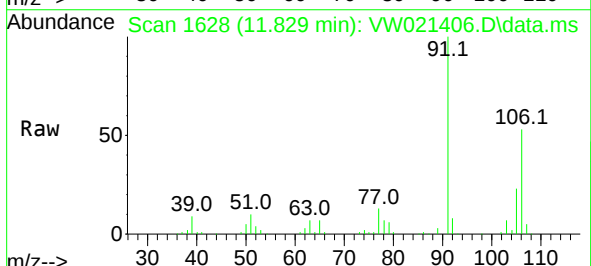
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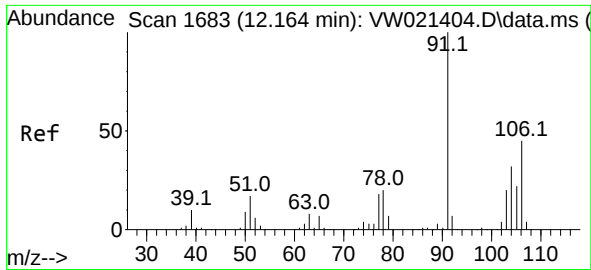
Reviewed By :Semsettin Yesilyurt 12/17/2021
Supervised By :Mahesh Dadoda 12/24/2021



#53
m,p-Xylene
Concen: 15.733 ug/L
RT: 11.829 min Scan# 1628
Delta R.T. -0.006 min
Lab File: VW021406.D
Acq: 16 Dec 2021 10:56

Tgt Ion:106 Resp: 35165
Ion Ratio Lower Upper
106 100
91 190.4 149.9 278.3





#54
o-Xylene
Concen: 7.893 ug/L
RT: 12.164 min Scan# 10
Delta R.T. 0.000 min
Lab File: VW021406.D
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Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion:106 Resp: 1674
Ion Ratio Lower Upper
106 100
91 202.0 153.6 285.3

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