

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120121\
 Data File : VW021008.D
 Acq On : 01 Dec 2021 17:46
 Operator : SY/VA
 Sample : M4868-08
 Misc : 6.95g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGKP3

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/05/2021
 Supervised By : Amit Patel 12/07/2021

Quant Time: Dec 02 01:59:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 02 01:54:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.860	114	78380m	25.000	ug/L	0.01
28) Chlorobenzene-d5	11.640	117	24306	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.585	152	11321	25.000	ug/L	# 0.03
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	24068	26.473	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 105.880%	
7) Chloroethane-d5	2.885	69	20973	35.768	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 143.080%	
11) 1,1-Dichloroethene-d2	4.032	63	22967	13.056	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 52.240%	
21) 2-Butanone-d5	7.110	46	10077m	44.406	ug/L	0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	= 88.820%	
24) Chloroform-d	7.671	84	34321	17.378	ug/L	0.02
Spiked Amount	25.000	Range	40 - 150	Recovery	= 69.520%	
26) 1,2-Dichloroethane-d4	8.317	65	20037	19.988	ug/L	0.01
Spiked Amount	25.000	Range	70 - 130	Recovery	= 79.960%	
32) Benzene-d6	8.293	84	54858	42.823	ug/L	0.02
Spiked Amount	25.000	Range	20 - 135	Recovery	= 171.280%#	
36) 1,2-Dichloropropane-d6	9.354	67	114731m	314.512	ug/L	0.08
Spiked Amount	25.000	Range	70 - 120	Recovery	= 1258.040%#	
41) Toluene-d8	10.341	98	86364	67.924	ug/L	0.02
Spiked Amount	25.000	Range	30 - 130	Recovery	= 271.680%#	
43) trans-1,3-Dichloroprop...	10.524	79	9972	57.834	ug/L	-0.05
Spiked Amount	25.000	Range	30 - 135	Recovery	= 231.320%#	
47) 2-Hexanone-d5	10.951	63	17394m	287.498	ug/L	0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	= 575.000%#	
56) 1,1,2,2-Tetrachloroeth...	12.640	84	190898	683.120	ug/L	-0.05
Spiked Amount	25.000	Range	45 - 120	Recovery	= 2732.480%#	
66) 1,2-Dichlorobenzene-d4	13.871	152	29835	73.941	ug/L	0.02
Spiked Amount	25.000	Range	75 - 120	Recovery	= 295.760%#	
Target Compounds						
						Qvalue
5) Vinyl chloride	2.361	62	2302	1.930	ug/L	# 52
14) Carbon disulfide	4.416	76	2658m	1.001	ug/L	
19) 1,1-Dichloroethane	6.239	63	3890	2.218	ug/L	# 92
20) cis-1,2-Dichloroethene	7.183	96	30188m	26.464	ug/L	
29) Cyclohexane	7.970	56	133486	246.339	ug/L	96
33) Benzene	8.342	78	209993	152.589	ug/L	100
35) Methylcyclohexane	9.354	83	1279774m	2016.518	ug/L	
42) Toluene	10.402	91	1338623	864.764	ug/L	99
52) Ethylbenzene	11.823	91	76454408m	44572.018	ug/L	
53) m,p-Xylene	11.969	106	14665087m	20941.007	ug/L	
54) o-Xylene	12.231	106	13811941	20536.076	ug/L	80
60) Isopropylbenzene	12.487	105	7532307	4884.933	ug/L	93
62) 1,3,5-Trimethylbenzene	12.969	105	9293534m	7144.674	ug/L	
63) 1,2,4-Trimethylbenzene	13.262	105	18819658m	14664.132	ug/L	

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

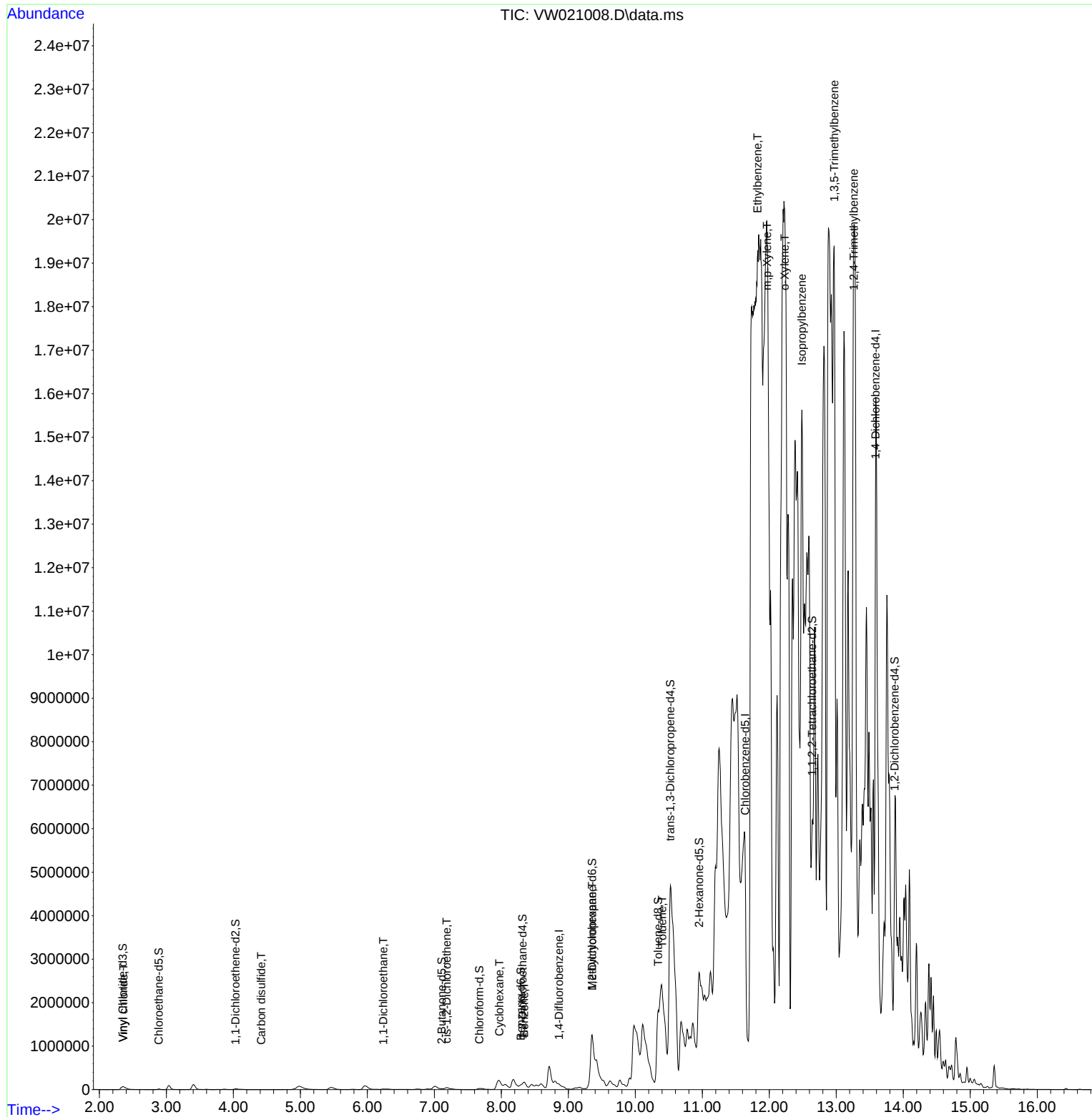
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120121\
Data File : VW021008.D
Acq On : 01 Dec 2021 17:46
Operator : SY/VA
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ALS Vial : 1 Sample Multiplier: 1

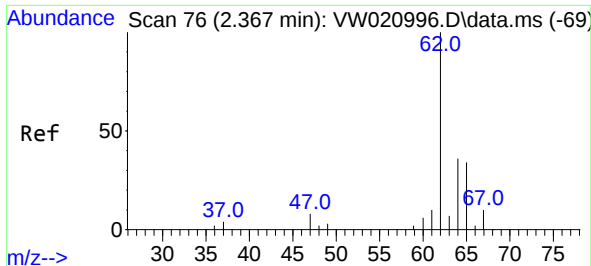
Instrument :
MSVOA_W
ClientSampleId :
BGKP3

Quant Time: Dec 02 01:59:39 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Dec 02 01:54:41 2021
Response via : Initial Calibration

Manual Integrations
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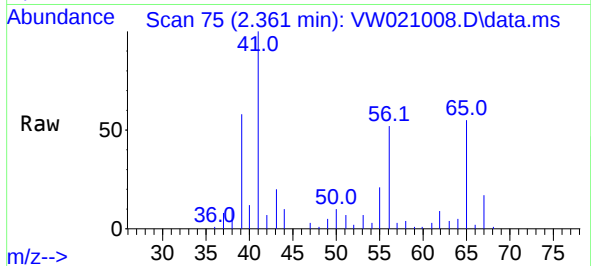
Reviewed By :Semsettin Yesilyurt 12/05/2021
Supervised By :Amit Patel 12/07/2021





#5
 Vinyl chloride
 Concen: 1.930 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VW021008.D
 Acq: 01 Dec 2021 17:46

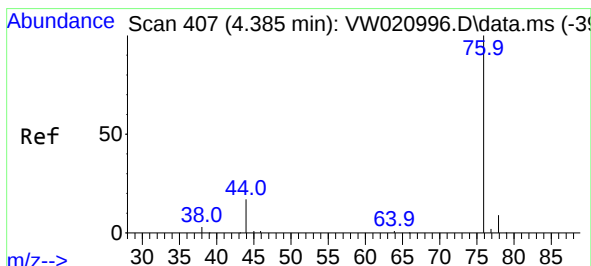
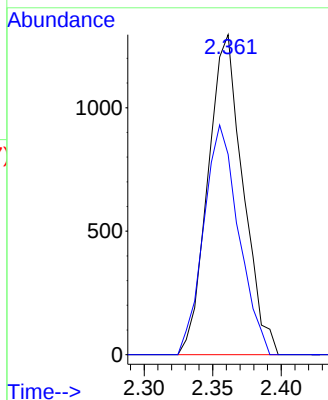
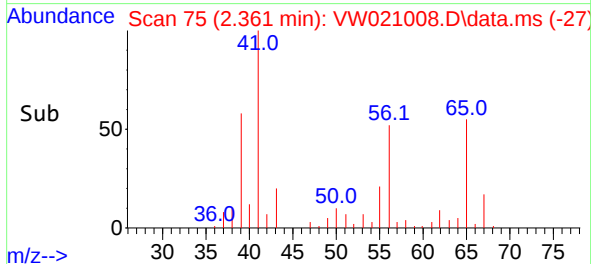
Instrument :
 MSVOA_W
 ClientSampleId :
 BGKP3



Tgt Ion: 62 Resp: 2302
 Ion Ratio Lower Upper
 62 100
 64 62.6 24.4 45.2

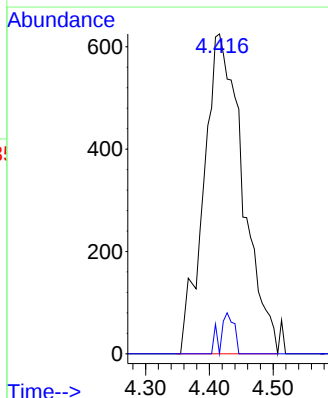
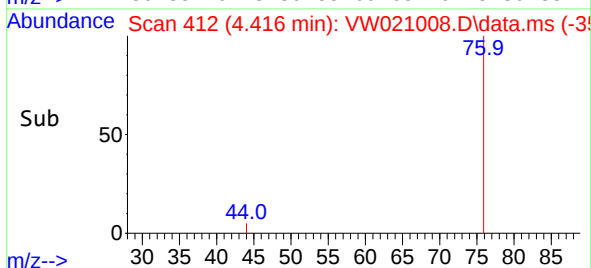
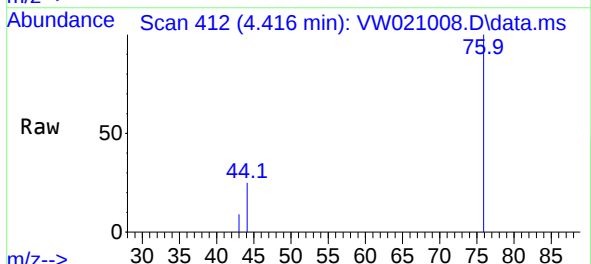
Manual Integrations
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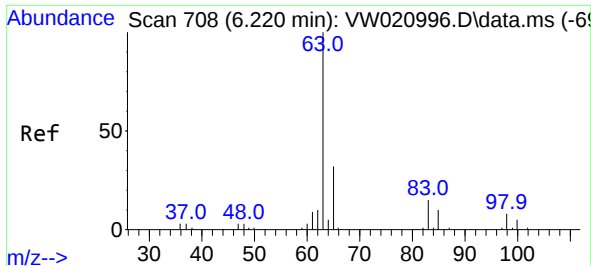
Reviewed By :Semsettin Yesilyurt 12/05/2021
 Supervised By :Amit Patel 12/07/2021



#14
 Carbon disulfide
 Concen: 1.001 ug/L m
 RT: 4.416 min Scan# 412
 Delta R.T. 0.031 min
 Lab File: VW021008.D
 Acq: 01 Dec 2021 17:46

Tgt Ion: 76 Resp: 2658
 Ion Ratio Lower Upper
 76 100
 78 0.0 7.1 10.7





#19

1,1-Dichloroethane

Concen: 2.218 ug/L

RT: 6.239 min Scan# 708

Delta R.T. 0.019 min

Lab File: VW021008.D

Acq: 01 Dec 2021 17:46

Instrument :

MSVOA_W

ClientSampleId :

BGKP3

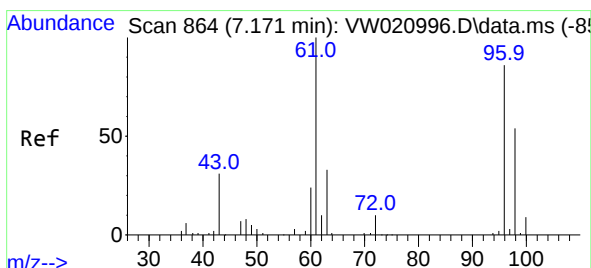
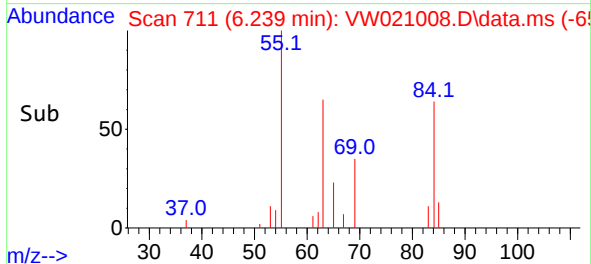
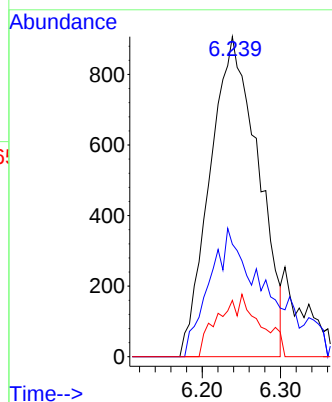
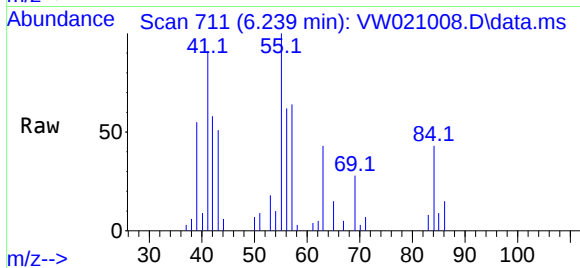
Tgt Ion: 63 Resp: 3890

Ion	Ratio	Lower	Upper
63	100		
65	35.2	22.1	41.1
83	17.6	9.2	17.2

Manual Integrations

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#20

cis-1,2-Dichloroethene

Concen: 26.464 ug/L m

RT: 7.183 min Scan# 866

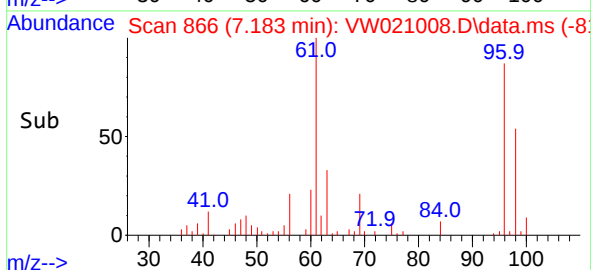
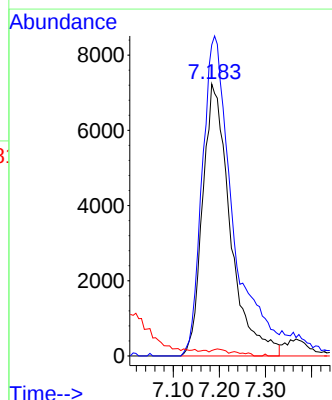
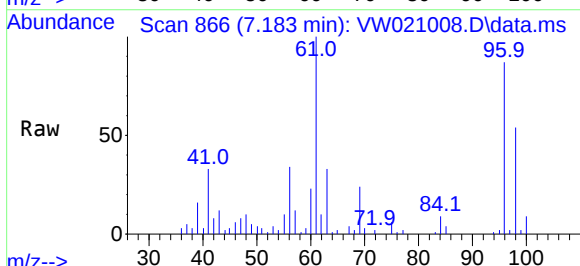
Delta R.T. 0.012 min

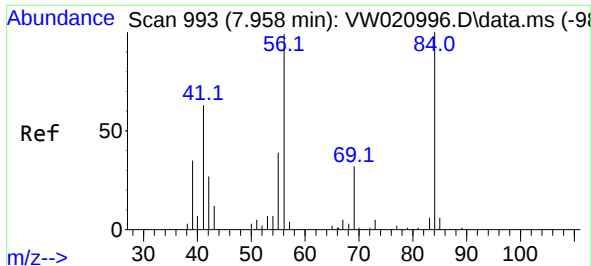
Lab File: VW021008.D

Acq: 01 Dec 2021 17:46

Tgt Ion: 96 Resp: 30188

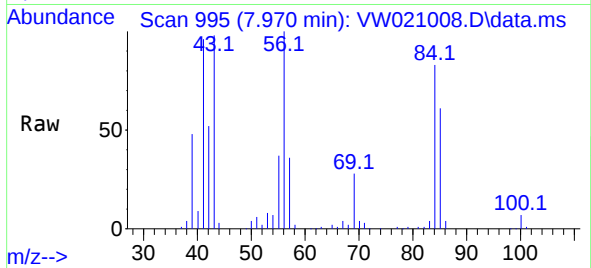
Ion	Ratio	Lower	Upper
96	100		
61	114.3	103.7	192.7
68	2.0	0.0	0.0





#29
Cyclohexane
Concen: 246.339 ug/L
RT: 7.970 min Scan# 995
Delta R.T. 0.012 min
Lab File: VW021008.D
Acq: 01 Dec 2021 17:46

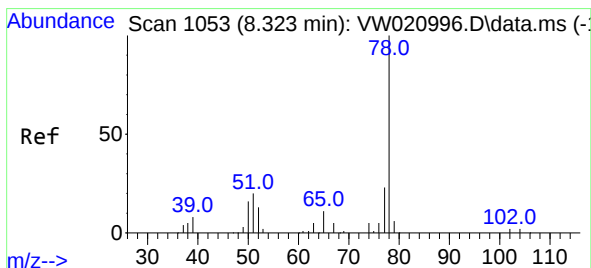
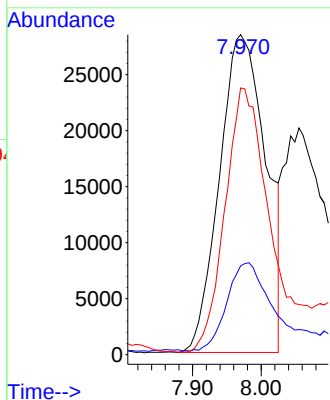
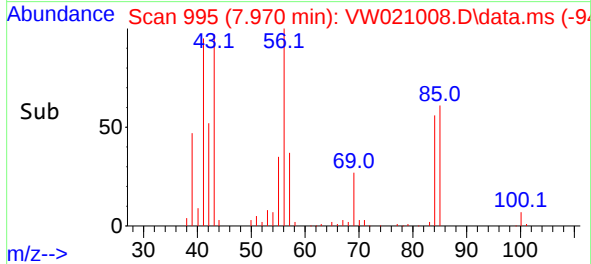
Instrument :
MSVOA_W
ClientSampleId :
BGKP3



Tgt Ion: 56 Resp: 133480
Ion Ratio Lower Upper
56 100
69 26.2 23.5 35.3
84 81.6 63.4 95.2

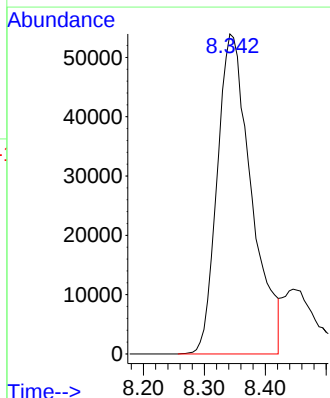
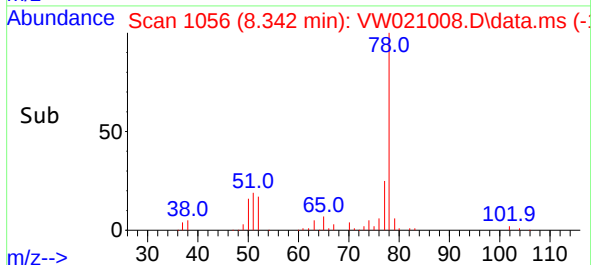
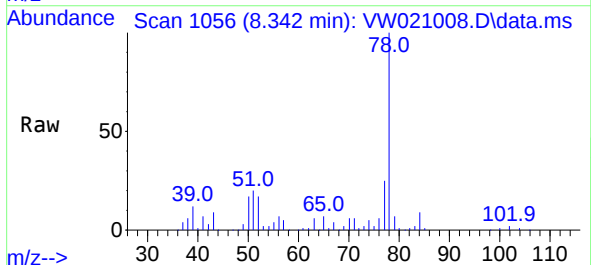
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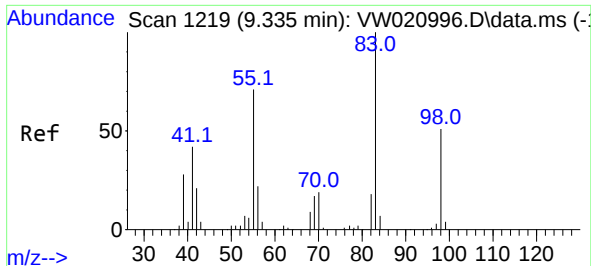
Reviewed By :Semsettin Yesilyurt 12/05/2021
Supervised By :Amit Patel 12/07/2021



#33
Benzene
Concen: 152.589 ug/L
RT: 8.342 min Scan# 1056
Delta R.T. 0.018 min
Lab File: VW021008.D
Acq: 01 Dec 2021 17:46

Tgt Ion: 78 Resp: 209993





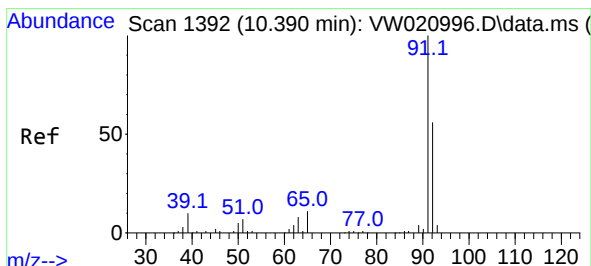
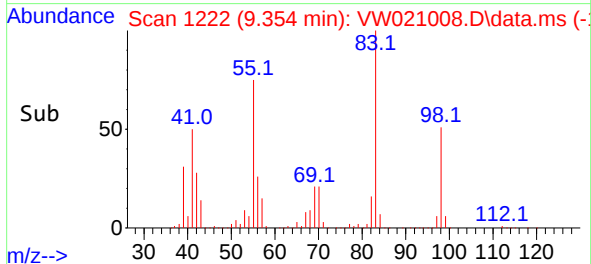
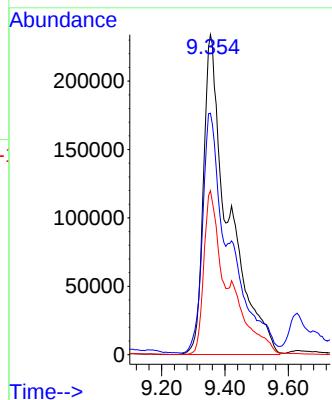
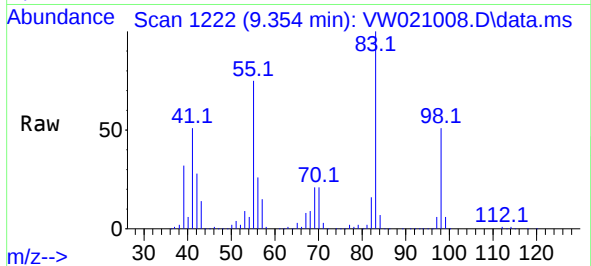
#35
Methylcyclohexane
Concen: 2016.518 ug/L m
RT: 9.354 min Scan# 11
Delta R.T. 0.018 min
Lab File: VW021008.D
Acq: 01 Dec 2021 17:46

Instrument :
MSVOA_W
ClientSampleId :
BGKP3

Tgt Ion: 83 Resp: 1279774
Ion Ratio Lower Upper
83 100
55 51.9 70.8 106.2
98 33.7 37.7 56.5

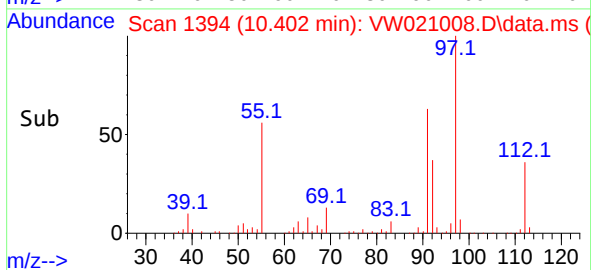
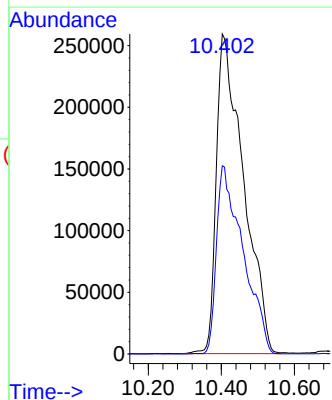
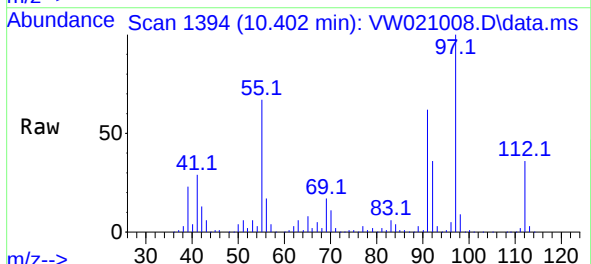
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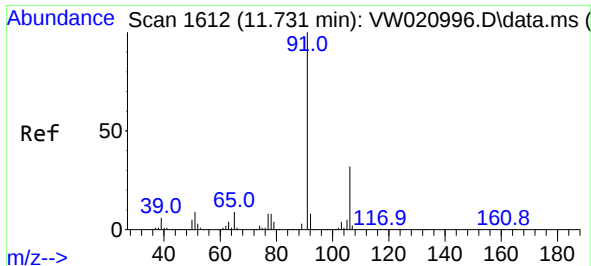
Reviewed By :Semsettin Yesilyurt 12/05/2021
Supervised By :Amit Patel 12/07/2021



#42
Toluene
Concen: 864.764 ug/L
RT: 10.402 min Scan# 1394
Delta R.T. 0.012 min
Lab File: VW021008.D
Acq: 01 Dec 2021 17:46

Tgt Ion: 91 Resp: 1338623
Ion Ratio Lower Upper
91 100
92 58.8 41.7 77.5





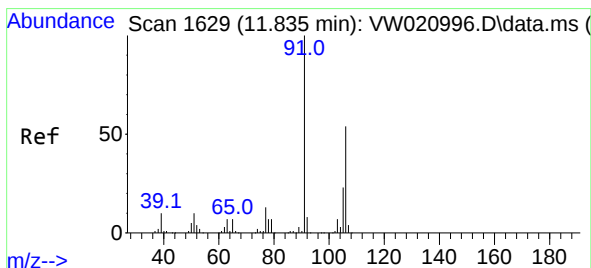
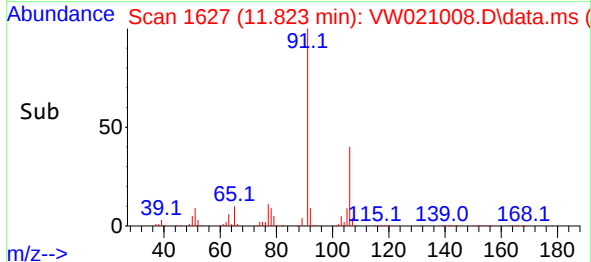
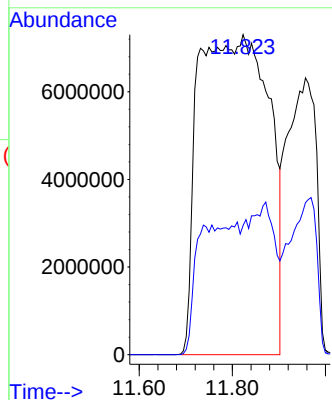
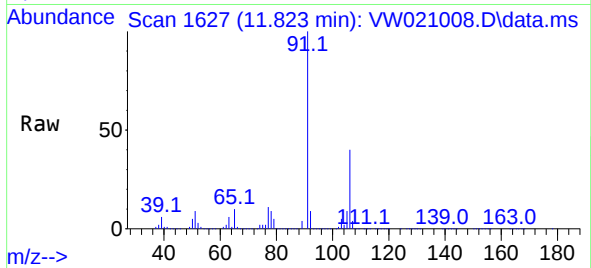
#52
Ethylbenzene
Concen: 44572.018 ug/L m
RT: 11.823 min Scan# 1
Delta R.T. 0.092 min
Lab File: VW021008.D
Acq: 01 Dec 2021 17:46

Instrument :
MSVOA_W
ClientSampleId :
BGKP3

Tgt Ion: 91 Resp:76454408
Ion Ratio Lower Upper
91 100
106 40.3 21.5 39.9

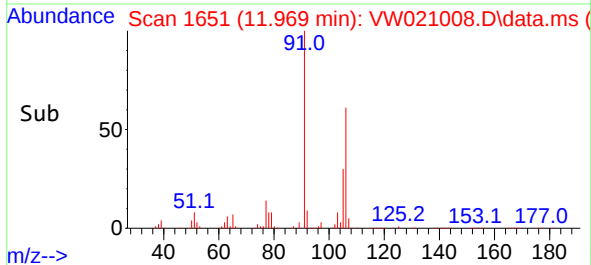
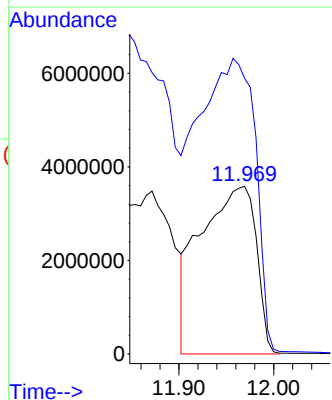
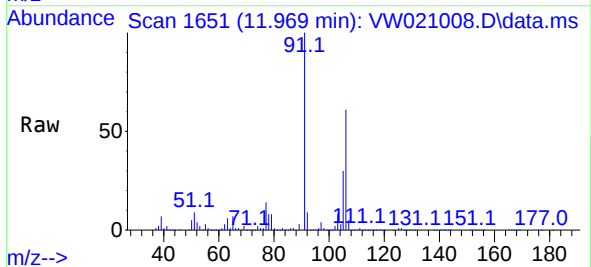
Manual Integrations
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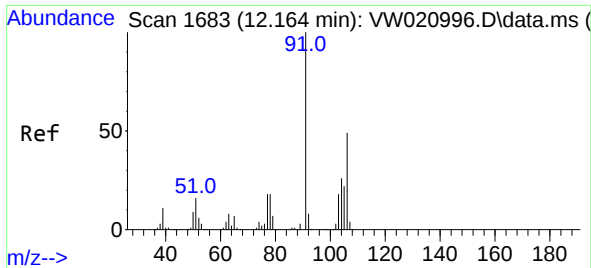
Reviewed By :Semsettin Yesilyurt 12/05/2021
Supervised By :Amit Patel 12/07/2021



#53
m,p-Xylene
Concen: 20941.007 ug/L m
RT: 11.969 min Scan# 1651
Delta R.T. 0.134 min
Lab File: VW021008.D
Acq: 01 Dec 2021 17:46

Tgt Ion:106 Resp:14665087
Ion Ratio Lower Upper
106 100
91 164.5 149.9 278.3





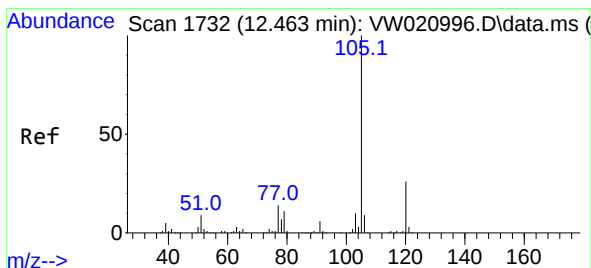
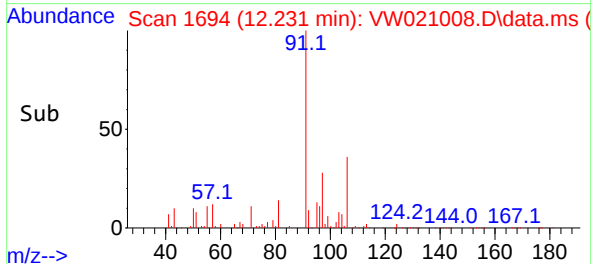
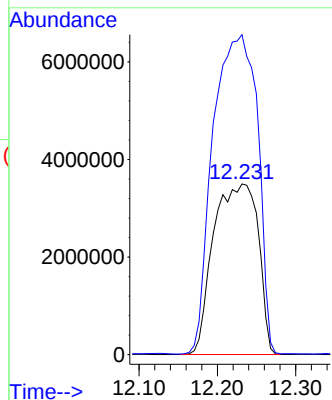
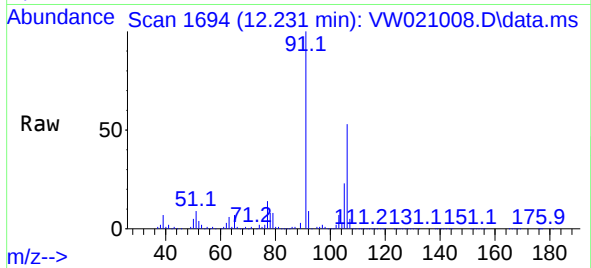
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o-Xylene
Concen: 20536.076 ug/L
RT: 12.231 min Scan# 1694
Delta R.T. 0.067 min
Lab File: VW021008.D
Acq: 01 Dec 2021 17:46

Instrument :
MSVOA_W
ClientSampleId :
BGKP3

Tgt Ion:106 Resp:1381194
Ion Ratio Lower Upper
106 100
91 187.4 153.6 285.3

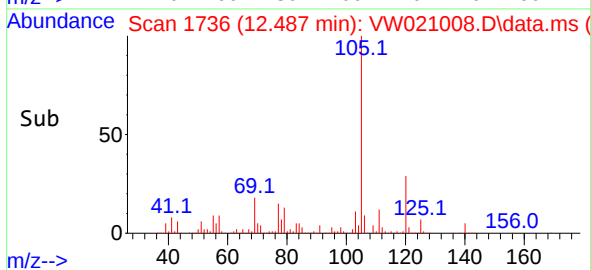
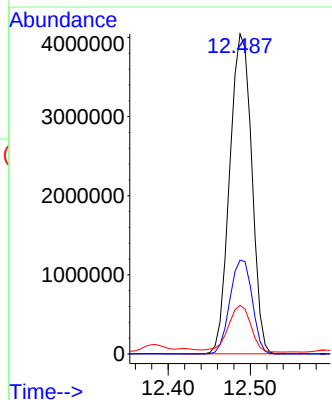
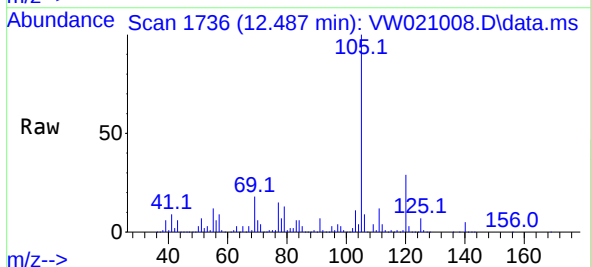
Manual Integrations
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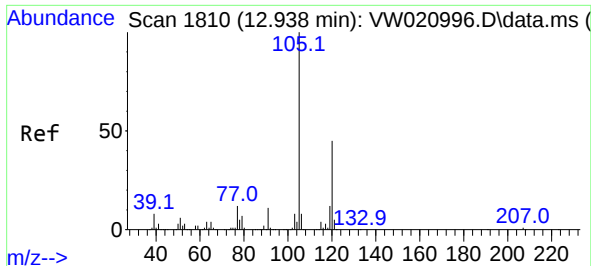
Reviewed By :Semsettin Yesilyurt 12/05/2021
Supervised By :Amit Patel 12/07/2021



#60
Isopropylbenzene
Concen: 4884.933 ug/L
RT: 12.487 min Scan# 1736
Delta R.T. 0.025 min
Lab File: VW021008.D
Acq: 01 Dec 2021 17:46

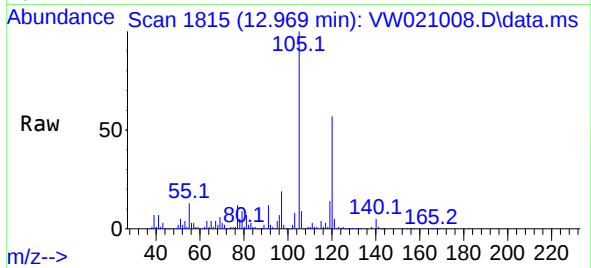
Tgt Ion:105 Resp: 7532307
Ion Ratio Lower Upper
105 100
120 29.7 20.1 30.1
77 15.1 13.8 20.8





#62
1,3,5-Trimethylbenzene
Concen: 7144.674 ug/L m
RT: 12.969 min Scan# 1810
Delta R.T. 0.031 min
Lab File: VW021008.D
Acq: 01 Dec 2021 17:46

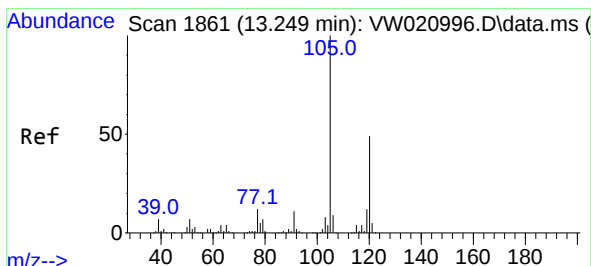
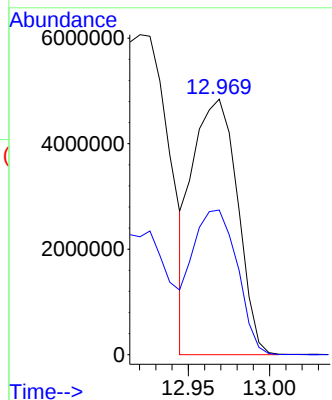
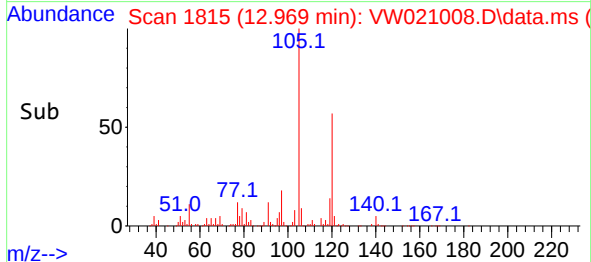
Instrument :
MSVOA_W
ClientSampleId :
BGKP3



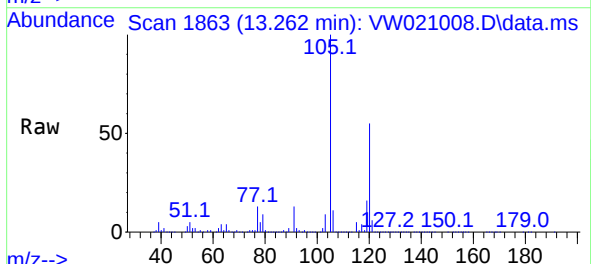
Tgt Ion:105 Resp: 9293534
Ion Ratio Lower Upper
105 100
120 109.2 37.4 56.2

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/05/2021
Supervised By :Amit Patel 12/07/2021



#63
1,2,4-Trimethylbenzene
Concen: 14664.132 ug/L m
RT: 13.262 min Scan# 1863
Delta R.T. 0.012 min
Lab File: VW021008.D
Acq: 01 Dec 2021 17:46



Tgt Ion:105 Resp:18819658
Ion Ratio Lower Upper
105 100
120 22.0 35.0 52.6

