

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
 Data File : VW021021.D
 Acq On : 02 Dec 2021 03:52
 Operator : SY/VA
 Sample : M4881-09
 Misc : 4.46g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW9E5

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/03/2021
 Supervised By : Amit Patel 12/07/2021

Quant Time: Dec 02 07:30:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 02 07:10:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	43878	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	17048	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	2214	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	16806	33.020	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 132.080%	
7) Chloroethane-d5	2.885	69	12430	37.867	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 151.480%#	
11) 1,1-Dichloroethene-d2	4.013	63	16613	16.870	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 67.480%	
21) 2-Butanone-d5	7.098	46	10506	82.700	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	= 165.400%#	
24) Chloroform-d	7.653	84	37563	33.976	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 135.920%	
26) 1,2-Dichloroethane-d4	8.305	65	19547	34.832	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 139.320%#	
32) Benzene-d6	8.275	84	55832	62.138	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 248.560%#	
36) 1,2-Dichloropropane-d6	9.275	67	19729	77.108	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 308.440%#	
41) Toluene-d8	10.323	98	29630	33.225	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 132.880%#	
43) trans-1,3-Dichloroprop...	10.579	79	3322	27.469	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 109.880%	
47) 2-Hexanone-d5	10.927	63	6091	143.537	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 287.080%#	
56) 1,1,2,2-Tetrachloroeth...	12.695	84	11453	58.433	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 233.720%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	1991	25.231	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 100.920%	
Target Compounds						Qvalue
13) Acetone	4.166	43	1186m	10.457	ug/L	
16) Methylene chloride	4.916	84	4671	7.633	ug/L	92
27) 1,2-Dichloroethane	8.409	62	3390	5.217	ug/L #	92
29) Cyclohexane	7.964	56	361m	0.950	ug/L	
35) Methylcyclohexane	9.335	83	1203	2.703	ug/L	92
42) Toluene	10.384	91	3745	3.449	ug/L	98
52) Ethylbenzene	11.725	91	4519	3.756	ug/L	99
53) m,p-Xylene	11.835	106	7208	14.675	ug/L	88
54) o-Xylene	12.164	106	2665	5.649	ug/L	93
60) Isopropylbenzene	12.457	105	261	0.866	ug/L #	60
62) 1,3,5-Trimethylbenzene	12.939	105	345m	1.356	ug/L	
63) 1,2,4-Trimethylbenzene	13.249	105	1135	4.522	ug/L	99

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

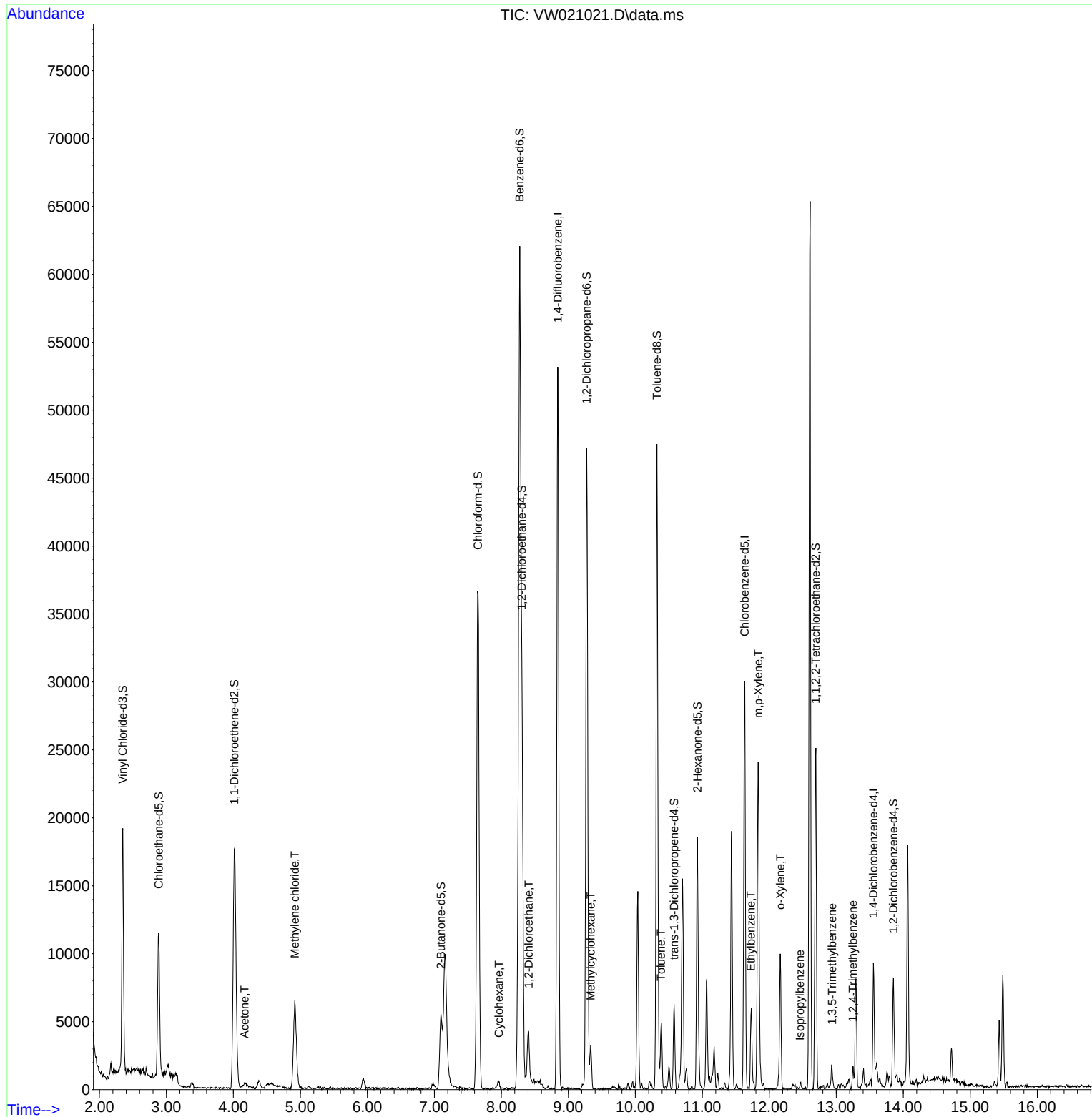
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
Data File : VW021021.D
Acq On : 02 Dec 2021 03:52
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ALS Vial : 1 Sample Multiplier: 1

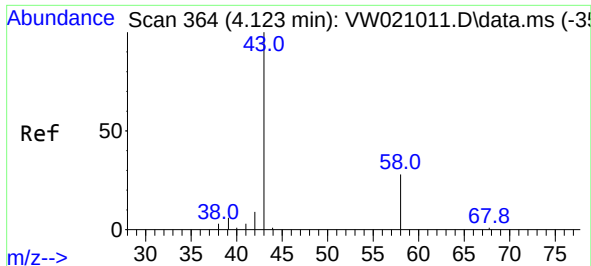
Instrument :
MSVOA_W
ClientSampleId :
EW9E5

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Quant Time: Dec 02 07:30:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Dec 02 07:10:34 2021
Response via : Initial Calibration





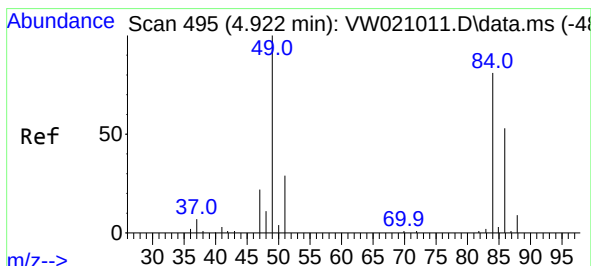
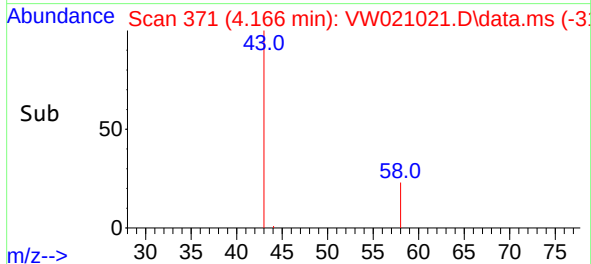
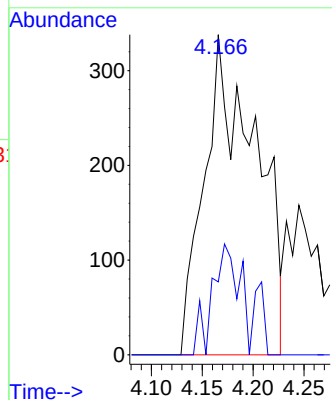
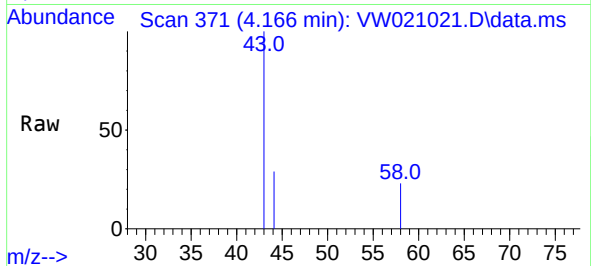
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Acetone
Concen: 10.457 ug/L m
RT: 4.166 min Scan# 31
Delta R.T. 0.043 min
Lab File: VW021021.D
Acq: 02 Dec 2021 03:52

Instrument :
MSVOA_W
ClientSampleId :
EW9E5

Tgt Ion: 43 Resp: 1180
Ion Ratio Lower Upper
43 100
58 13.4 0.0 52.8

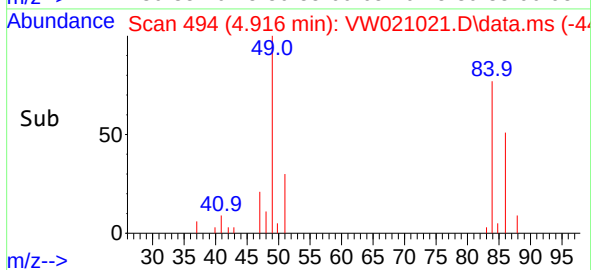
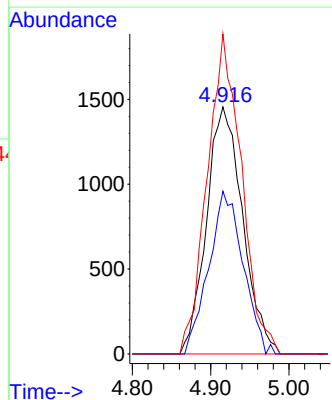
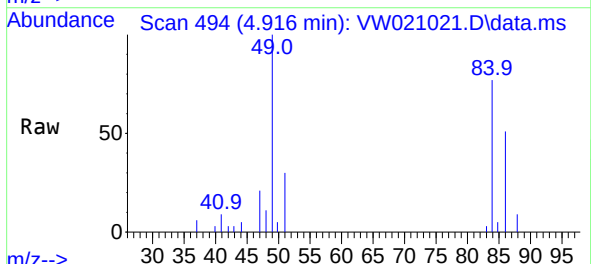
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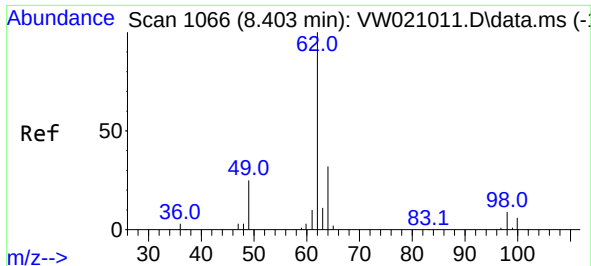
Reviewed By :Semsettin Yesilyurt 12/03/2021
Supervised By :Amit Patel 12/07/2021



#16
Methylene chloride
Concen: 7.633 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW021021.D
Acq: 02 Dec 2021 03:52

Tgt Ion: 84 Resp: 4671
Ion Ratio Lower Upper
84 100
86 65.9 45.5 84.5
49 129.5 100.5 186.7





#27

1,2-Dichloroethane

Concen: 5.217 ug/L

RT: 8.409 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VW021021.D

Acq: 02 Dec 2021 03:52

Instrument :

MSVOA_W

ClientSampleId :

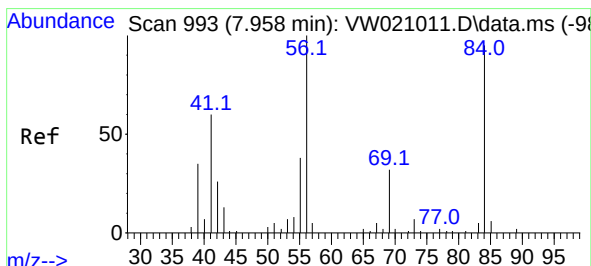
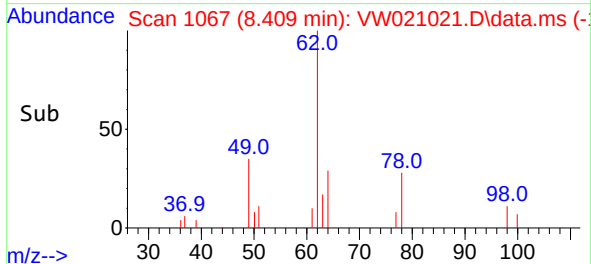
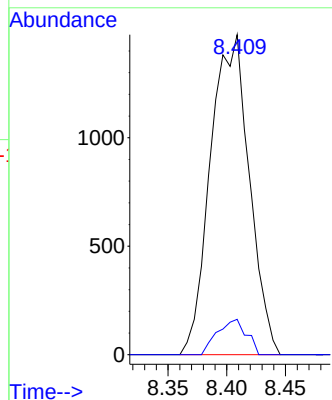
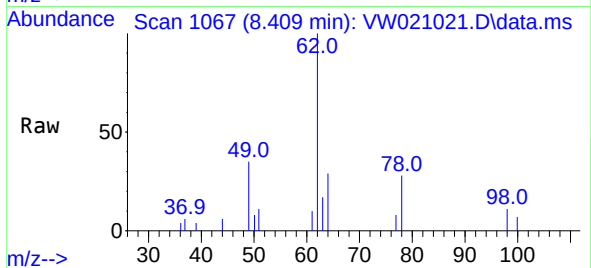
EW9E5

Tgt Ion: 62 Resp: 3390
 Ion Ratio Lower Upper
 62 100
 98 11.1 6.5 9.7

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 Supervised By :Amit Patel 12/07/2021



#29

Cyclohexane

Concen: 0.950 ug/L m

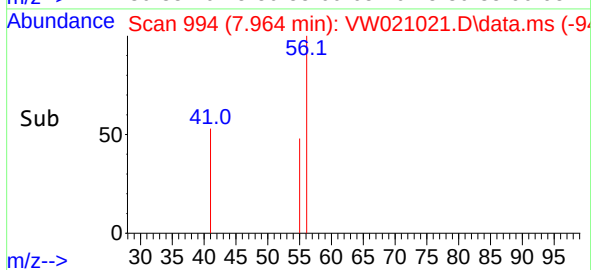
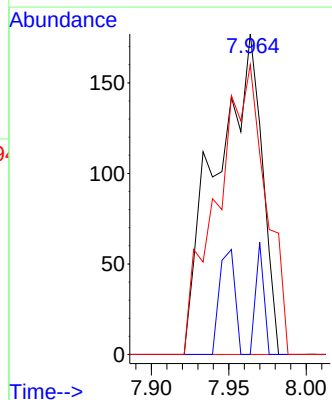
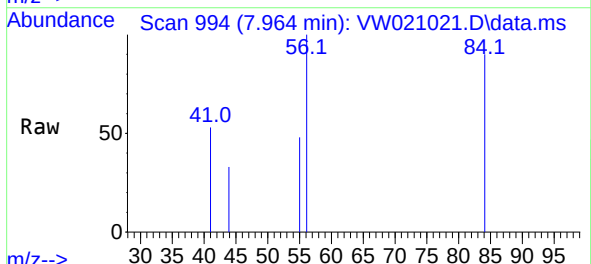
RT: 7.964 min Scan# 994

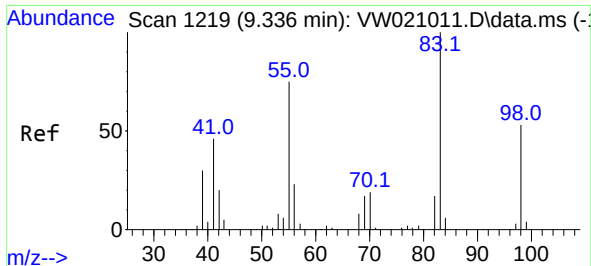
Delta R.T. 0.006 min

Lab File: VW021021.D

Acq: 02 Dec 2021 03:52

Tgt Ion: 56 Resp: 361
 Ion Ratio Lower Upper
 56 100
 69 11.1 23.5 35.3#
 84 96.7 63.4 95.2#





#35

Methylcyclohexane

Concen: 2.703 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW021021.D

Acq: 02 Dec 2021 03:52

Instrument :

MSVOA_W

ClientSampleId :

EW9E5

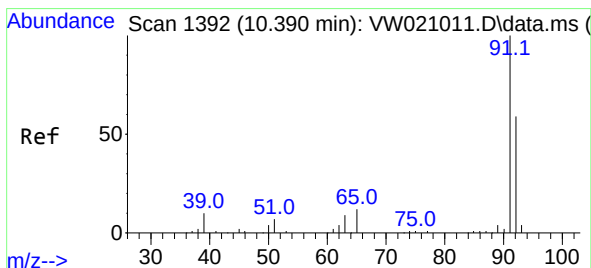
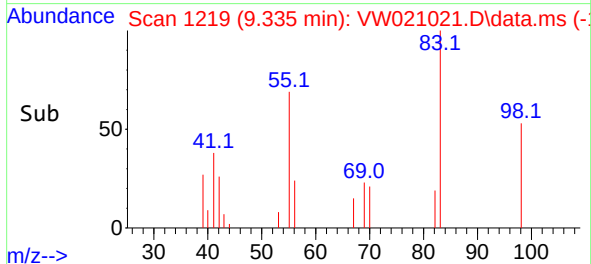
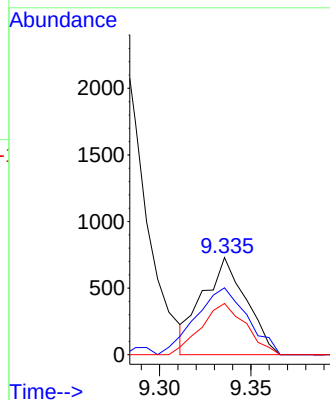
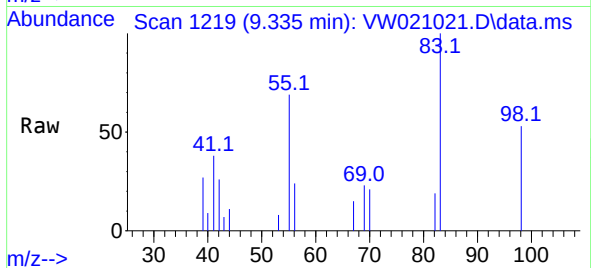
Tgt Ion: 83 Resp: 120

Ion	Ratio	Lower	Upper
83	100		
55	82.0	70.8	106.2
98	54.3	37.7	56.5

Manual Integrations

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Supervised By :Amit Patel 12/07/2021



#42

Toluene

Concen: 3.449 ug/L

RT: 10.384 min Scan# 1391

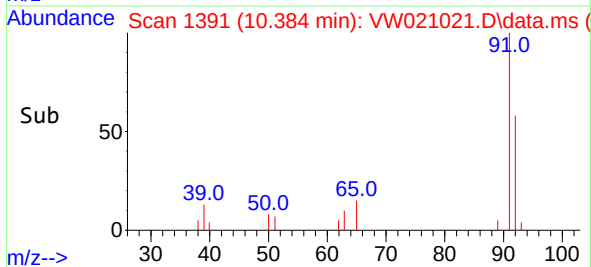
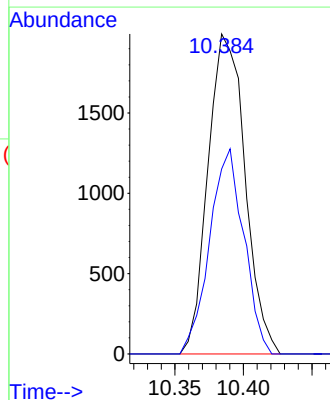
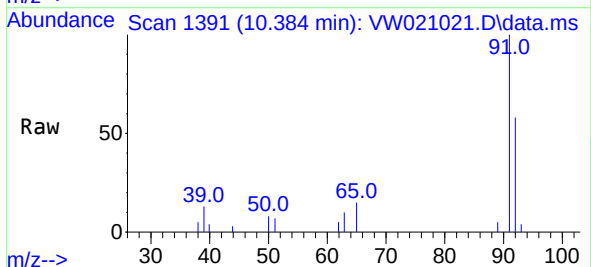
Delta R.T. -0.006 min

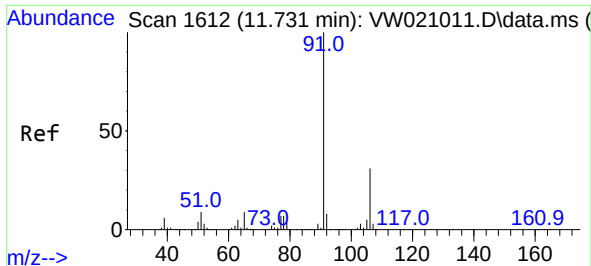
Lab File: VW021021.D

Acq: 02 Dec 2021 03:52

Tgt Ion: 91 Resp: 3745

Ion	Ratio	Lower	Upper
91	100		
92	57.8	41.7	77.5





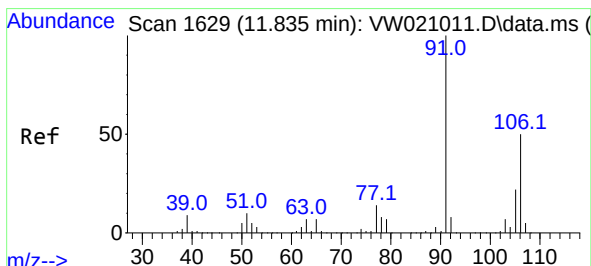
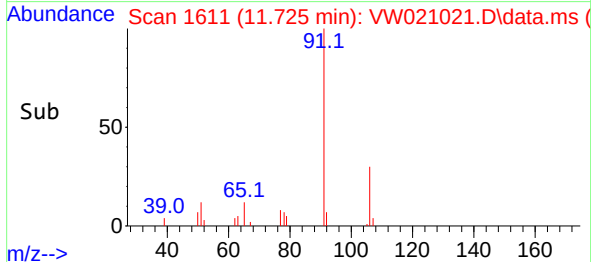
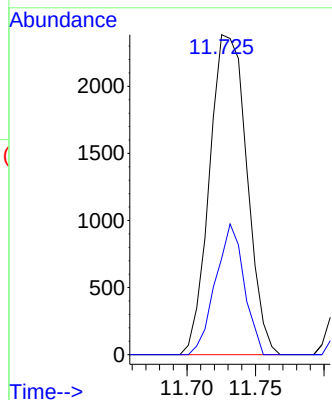
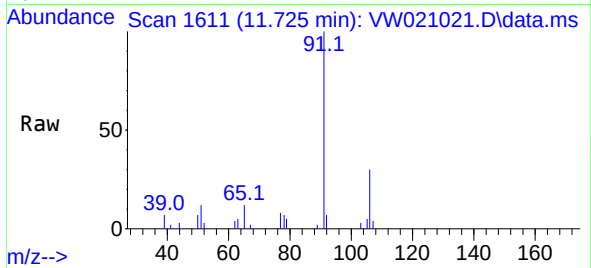
#52
Ethylbenzene
Concen: 3.756 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW021021.D
Acq: 02 Dec 2021 03:52

Instrument :
MSVOA_W
ClientSampleId :
EW9E5

Tgt Ion: 91 Resp: 4519
Ion Ratio Lower Upper
91 100
106 30.0 21.5 39.9

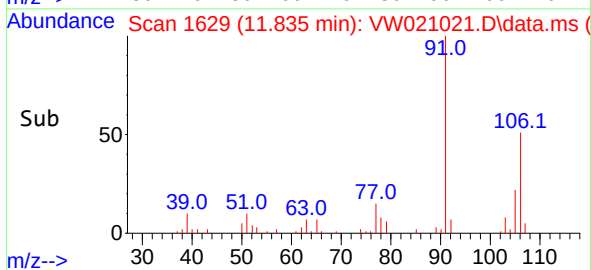
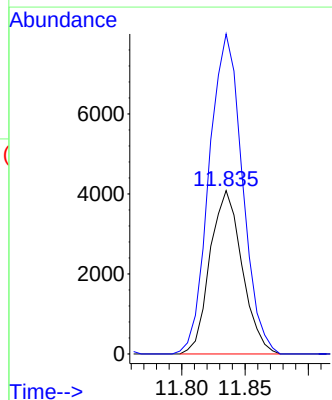
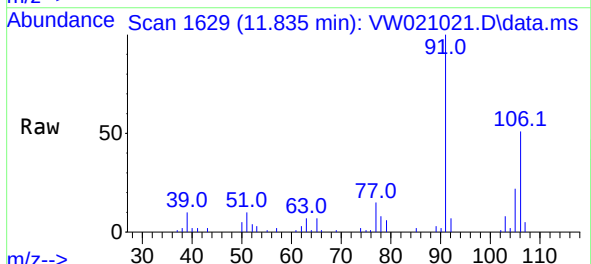
Manual Integrations
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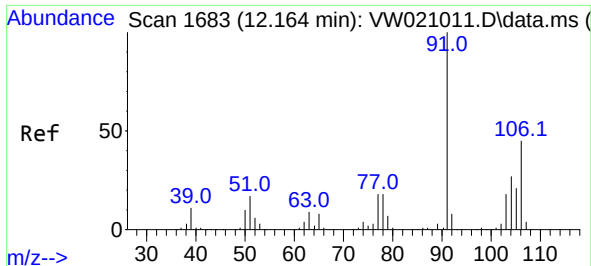
Reviewed By :Semsettin Yesilyurt 12/03/2021
Supervised By :Amit Patel 12/07/2021



#53
m,p-Xylene
Concen: 14.675 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW021021.D
Acq: 02 Dec 2021 03:52

Tgt Ion:106 Resp: 7208
Ion Ratio Lower Upper
106 100
91 195.8 149.9 278.3





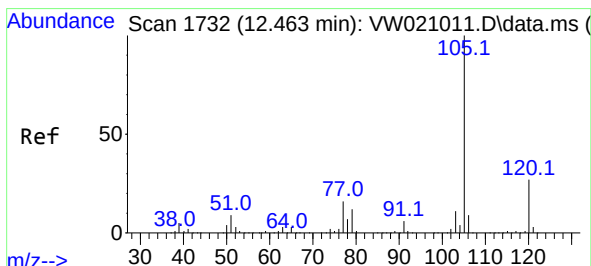
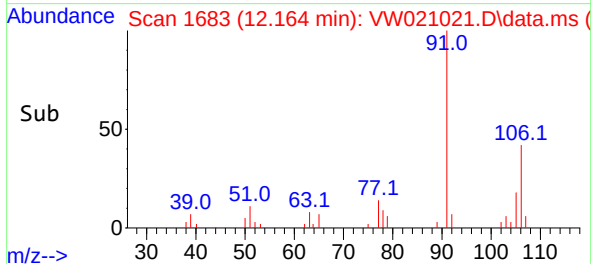
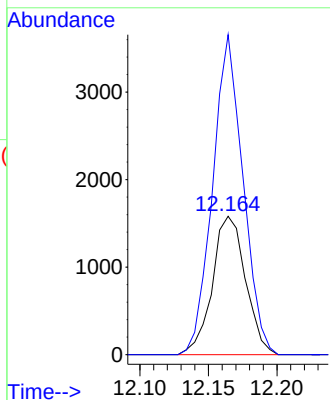
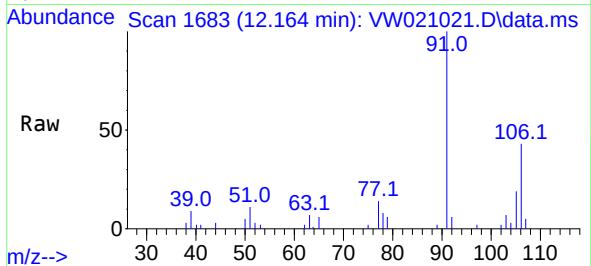
#54
o-Xylene
Concen: 5.649 ug/L
RT: 12.164 min Scan# 106
Delta R.T. -0.000 min
Lab File: VW021021.D
Acq: 02 Dec 2021 03:52

Instrument :
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ClientSampleId :
EW9E5

Tgt Ion:106 Resp: 266
Ion Ratio Lower Upper
106 100
91 231.1 153.6 285.3

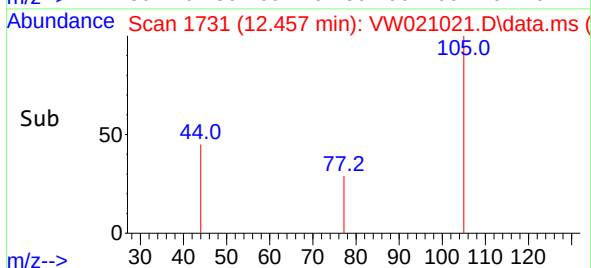
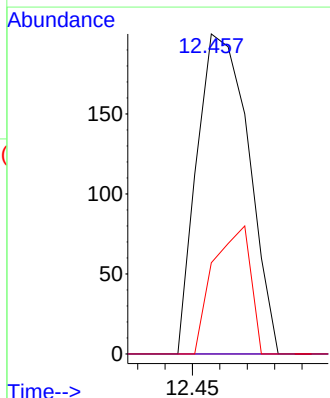
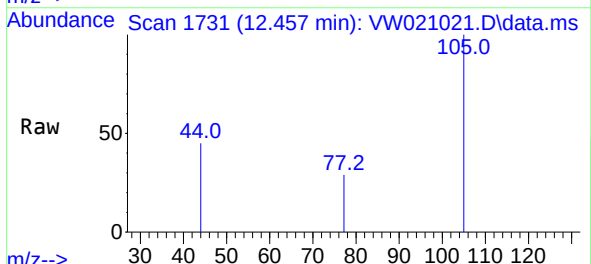
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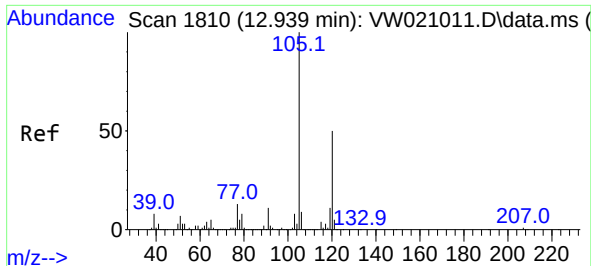
Reviewed By :Semsettin Yesilyurt 12/03/2021
Supervised By :Amit Patel 12/07/2021



#60
Isopropylbenzene
Concen: 0.866 ug/L
RT: 12.457 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VW021021.D
Acq: 02 Dec 2021 03:52

Tgt Ion:105 Resp: 261
Ion Ratio Lower Upper
105 100
120 0.0 20.1 30.1#
77 28.7 13.8 20.8#





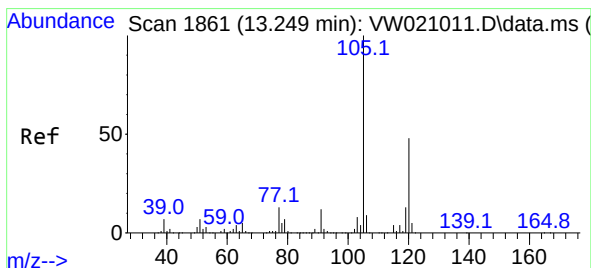
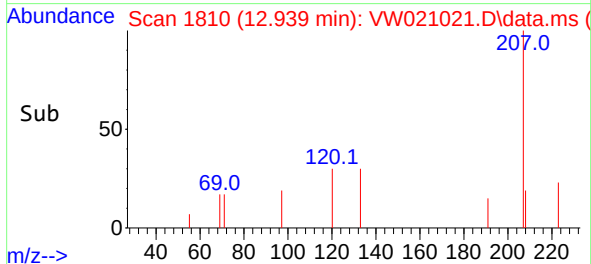
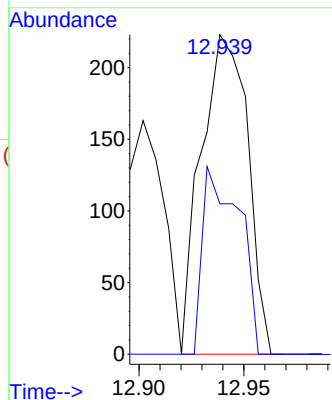
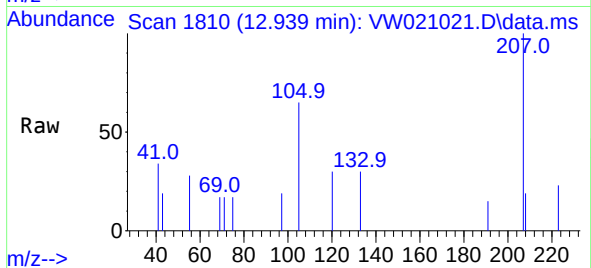
#62
1,3,5-Trimethylbenzene
Concen: 1.356 ug/L m
RT: 12.939 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW021021.D
Acq: 02 Dec 2021 03:52

Instrument :
MSVOA_W
ClientSampleId :
EW9E5

Tgt Ion:105 Resp: 349
Ion Ratio Lower Upper
105 100
120 146.7 37.4 56.2

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#63
1,2,4-Trimethylbenzene
Concen: 4.522 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW021021.D
Acq: 02 Dec 2021 03:52

Tgt Ion:105 Resp: 1135
Ion Ratio Lower Upper
105 100
120 44.6 35.0 52.6

