

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
 Data File : VW022491.D
 Acq On : 11 Apr 2022 18:33
 Operator : SY/VA
 Sample : N2316-12
 Misc : 6.81g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETNR2

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/12/2022
 Supervised By : Mahesh Dadoda 04/12/2022

Quant Time: Apr 12 00:00:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Apr 11 23:55:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	423983	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	399250	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	193598	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	137900	14.713	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	58.840%		
7) Chloroethane-d5	2.885	69	97552	16.607	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	66.440%		
11) 1,1-Dichloroethene-d2	4.019	63	147854	12.162	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	48.640%		
21) 2-Butanone-d5	7.074	46	125215m	76.519	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	153.040%#		
24) Chloroform-d	7.647	84	291010	21.959	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	87.840%		
26) 1,2-Dichloroethane-d4	8.305	65	185746	24.531	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	98.120%		
32) Benzene-d6	8.275	84	519075	21.280	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	85.120%		
36) 1,2-Dichloropropane-d6	9.275	67	165386	23.429	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	93.720%		
41) Toluene-d8	10.323	98	474697	19.870	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	79.480%		
43) trans-1,3-Dichloroprop...	10.579	79	75627	22.701	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	90.800%		
47) 2-Hexanone-d5	10.927	63	166874m	127.061	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	254.120%#		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	187958	31.315	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	125.280%#		
66) 1,2-Dichlorobenzene-d4	13.853	152	175400	25.579	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	102.320%		
Target Compounds					Qvalue	
13) Acetone	4.129	43	14501	13.015	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	5769	0.817	ug/L #	73
29) Cyclohexane	7.964	56	9714	0.850	ug/L	91
33) Benzene	8.323	78	1102535	40.674	ug/L	100
34) Trichloroethene	9.092	95	44976	6.197	ug/L	96
35) Methylcyclohexane	9.342	83	25622	1.968	ug/L	92
37) 1,2-Dichloropropane	9.366	63	4033	0.621	ug/L	98
42) Toluene	10.390	91	107576	3.463	ug/L	95
51) Chlorobenzene	11.652	112	404469	21.309	ug/L	98
52) Ethylbenzene	11.731	91	87171	2.504	ug/L	94
54) o-Xylene	12.164	106	9376	0.741	ug/L	96
60) Isopropylbenzene	12.463	105	27709	0.862	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	13395	1.029	ug/L	92

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

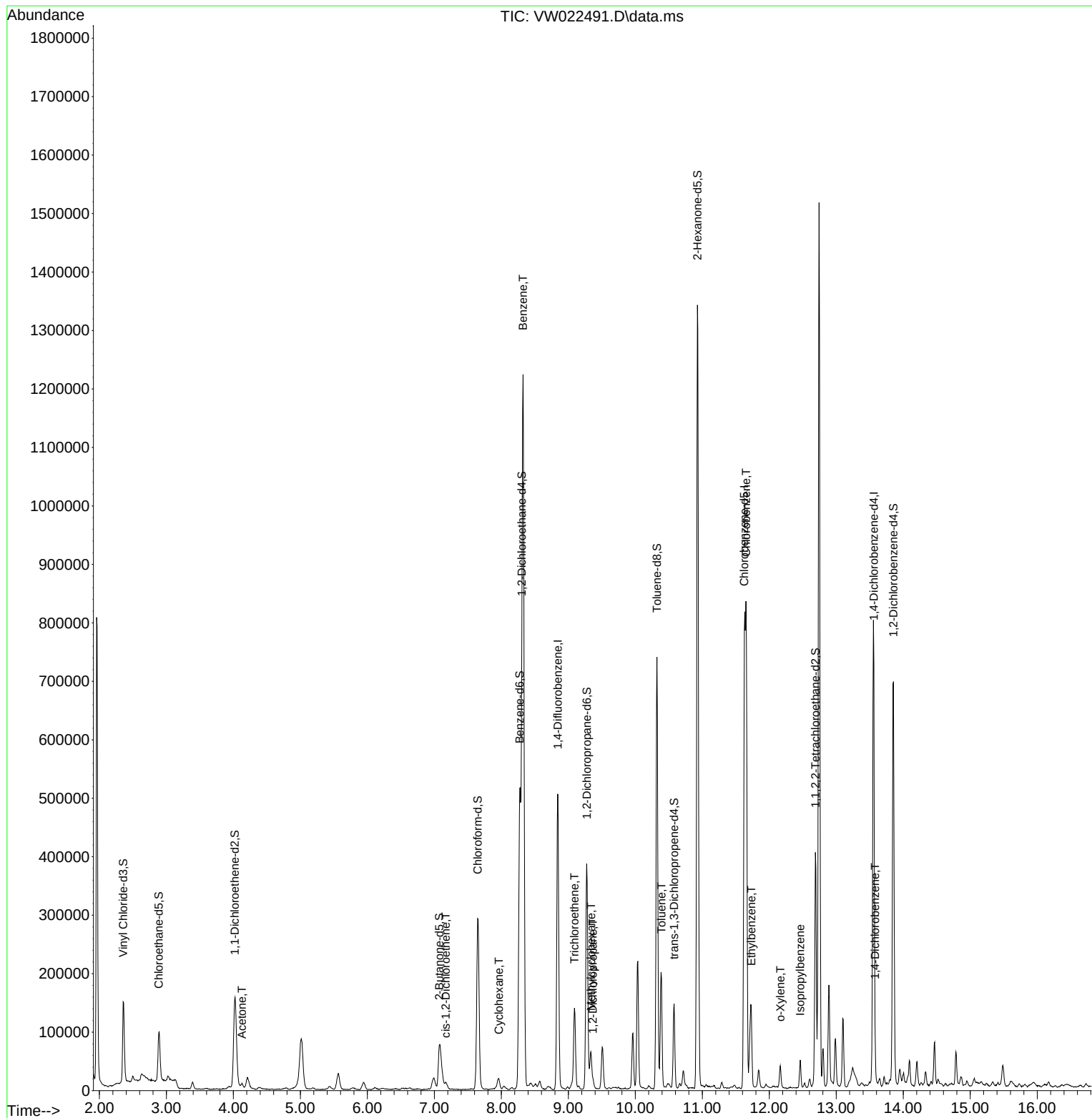
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022491.D
Acq On : 11 Apr 2022 18:33
Operator : SY/VA
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Misc : 6.81g/10mL/MSVOA_W/SOIL
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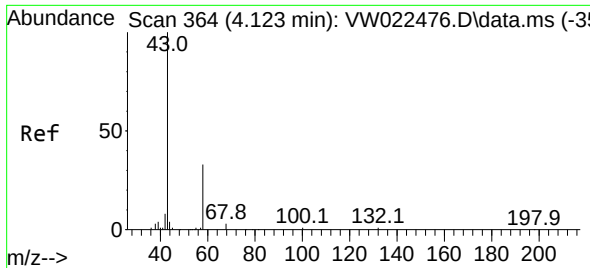
Instrument :
MSVOA_W
ClientSampleId :
ETNR2

Quant Time: Apr 12 00:00:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Apr 11 23:55:29 2022
Response via : Initial Calibration

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Reviewed By : Semsettin Yesilyurt 04/12/2022
Supervised By : Mahesh Dadoda 04/12/2022





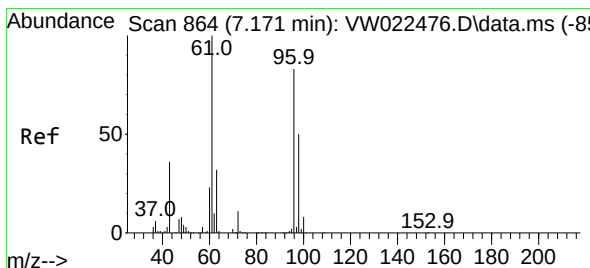
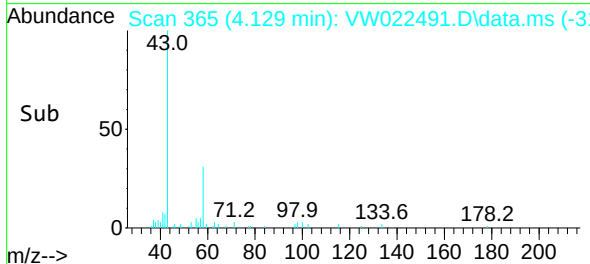
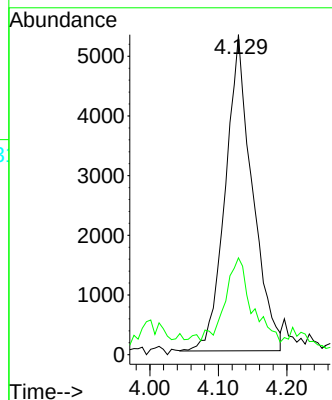
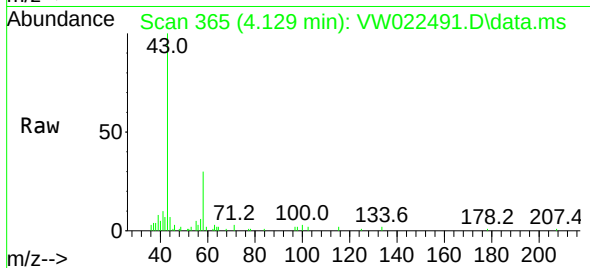
#13
Acetone
Concen: 13.015 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW022491.D
Acq: 11 Apr 2022 18:33

Instrument :
MSVOA_W
ClientSampleId :
ETNR2

Tgt Ion: 43 Resp: 1450
Ion Ratio Lower Upper
43 100
58 30.6 0.0 57.0

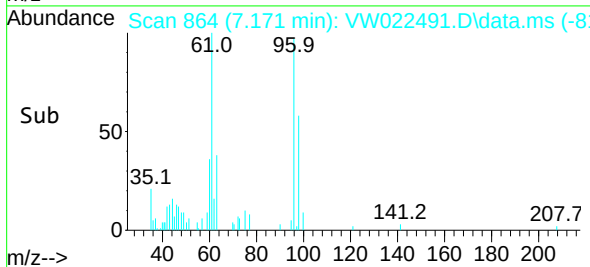
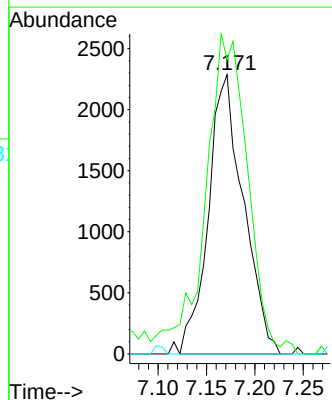
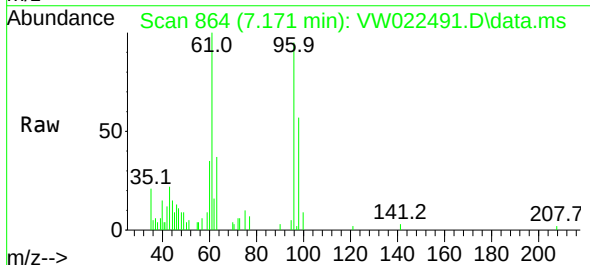
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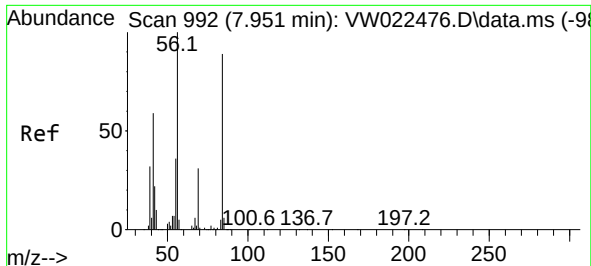
Reviewed By :Semsettin Yesilyurt 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022



#20
cis-1,2-Dichloroethene
Concen: 0.817 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW022491.D
Acq: 11 Apr 2022 18:33

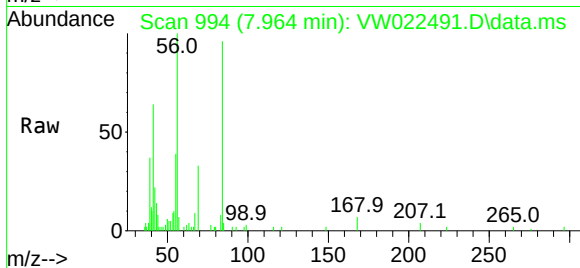
Tgt Ion: 96 Resp: 5769
Ion Ratio Lower Upper
96 100
61 105.5 96.4 179.0
68 0.0 0.1 0.3





#29
Cyclohexane
Concen: 0.850 ug/L
RT: 7.964 min Scan# 992
Delta R.T. 0.012 min
Lab File: VW022491.D
Acq: 11 Apr 2022 18:33

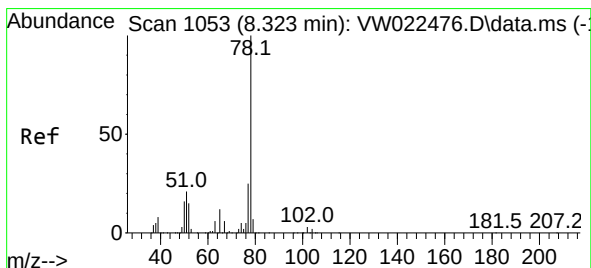
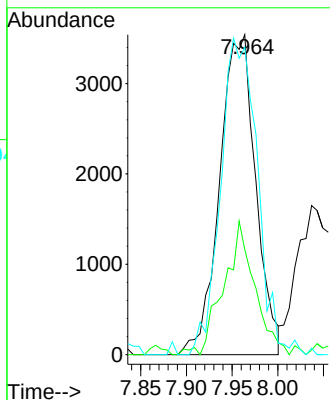
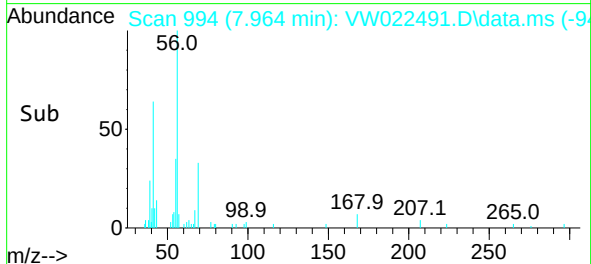
Instrument :
MSVOA_W
ClientSampleId :
ETNR2



Tgt Ion: 56 Resp: 9714
Ion Ratio Lower Upper
56 100
69 35.2 24.4 36.6
84 99.9 72.6 108.8

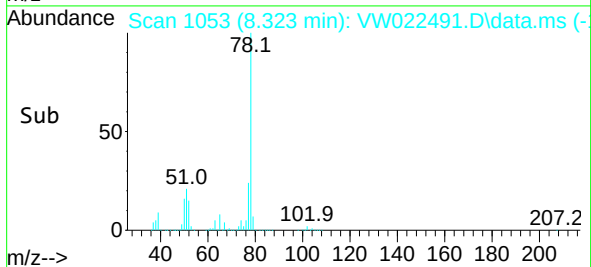
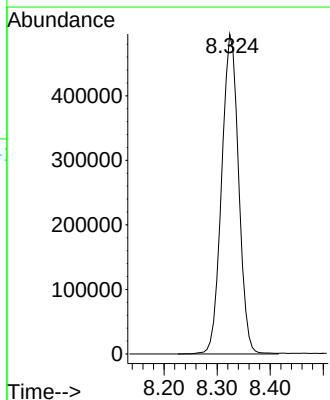
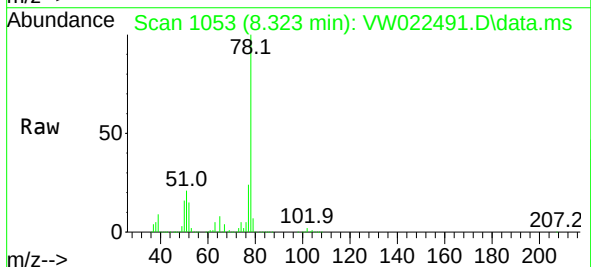
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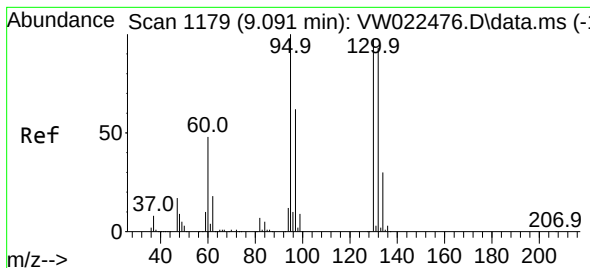
Reviewed By :Semsettin Yesilyurt 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022



#33
Benzene
Concen: 40.674 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022491.D
Acq: 11 Apr 2022 18:33

Tgt Ion: 78 Resp: 1102535





#34

Trichloroethene

Concen: 6.197 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW022491.D

Acq: 11 Apr 2022 18:33

Instrument :

MSVOA_W

ClientSampleId :

ETNR2

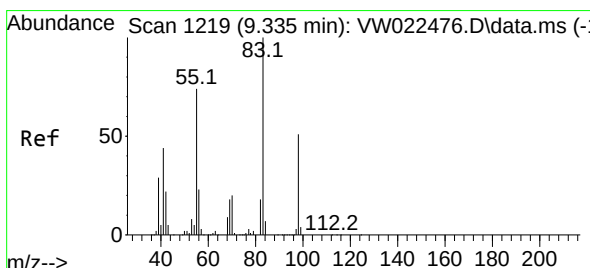
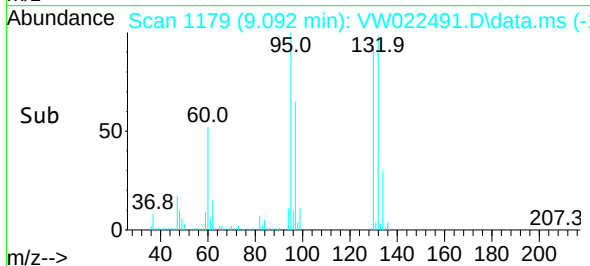
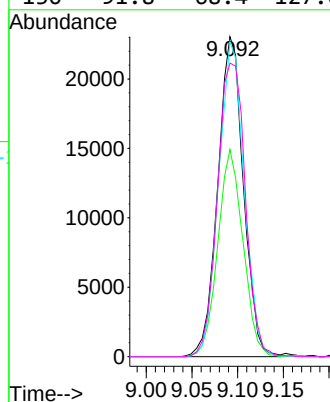
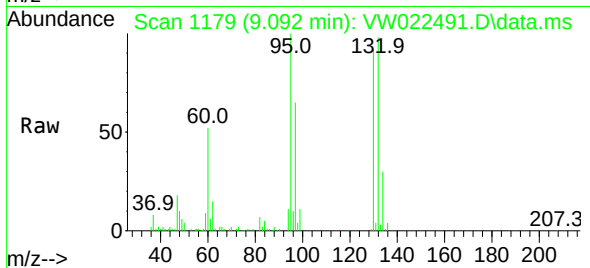
Tgt Ion: 95 Resp: 44970

Ion	Ratio	Lower	Upper
95	100		
97	64.8	46.4	86.2
132	98.3	67.4	125.2
130	91.8	68.4	127.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022



#35

Methylcyclohexane

Concen: 1.968 ug/L

RT: 9.342 min Scan# 1220

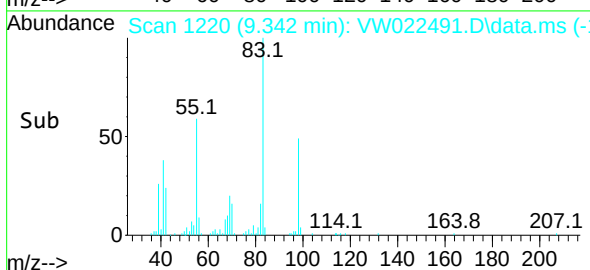
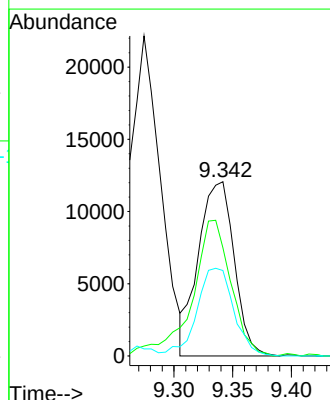
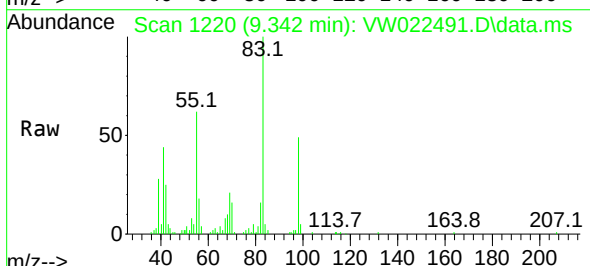
Delta R.T. 0.006 min

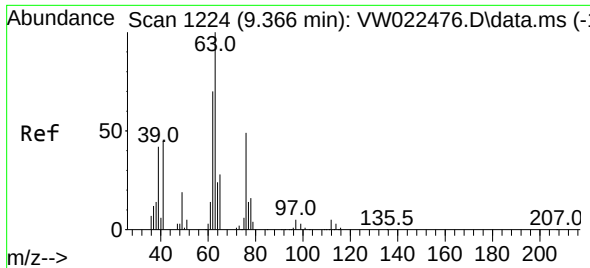
Lab File: VW022491.D

Acq: 11 Apr 2022 18:33

Tgt Ion: 83 Resp: 25622

Ion	Ratio	Lower	Upper
83	100		
55	85.0	61.0	91.6
98	51.7	39.2	58.8





#37

1,2-Dichloropropane

Concen: 0.621 ug/L

RT: 9.366 min Scan# 112

Delta R.T. 0.000 min

Lab File: VW022491.D

Acq: 11 Apr 2022 18:33

Instrument :

MSVOA_W

ClientSampleId :

ETNR2

Tgt Ion: 63 Resp: 403

Ion Ratio Lower Upper

63 100

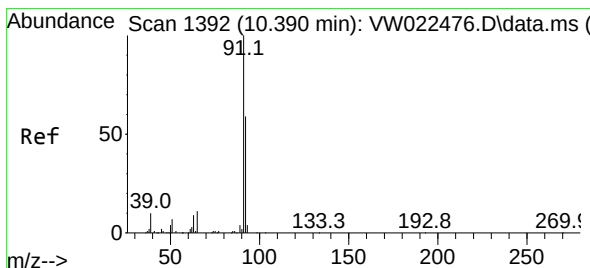
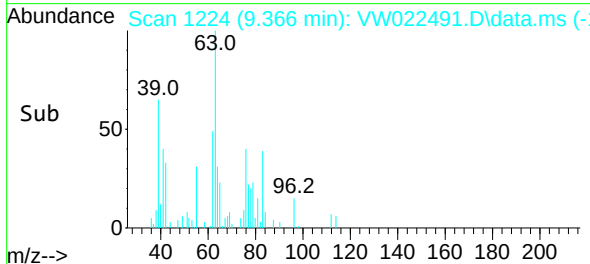
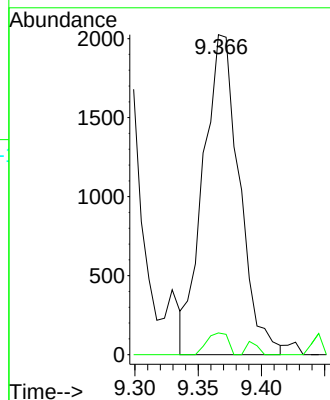
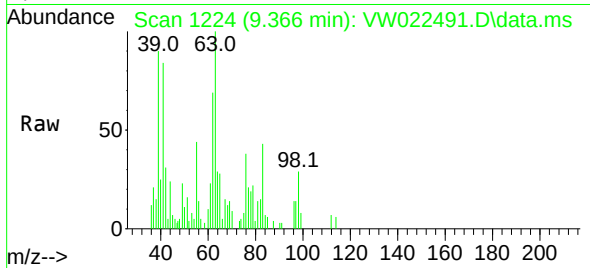
112 3.9 3.8 5.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/12/2022

Supervised By :Mahesh Dadoda 04/12/2022



#42

Toluene

Concen: 3.463 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW022491.D

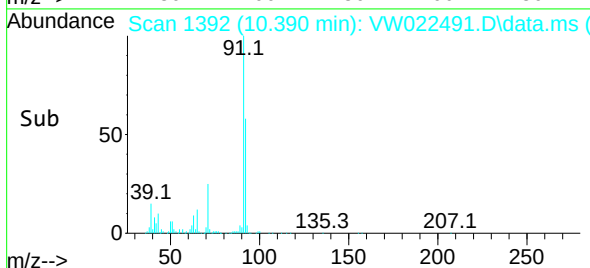
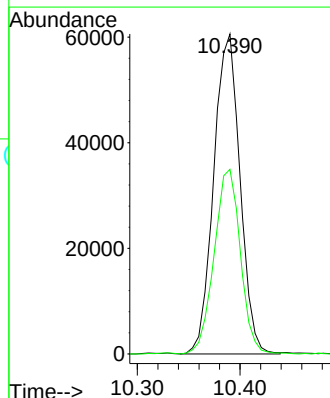
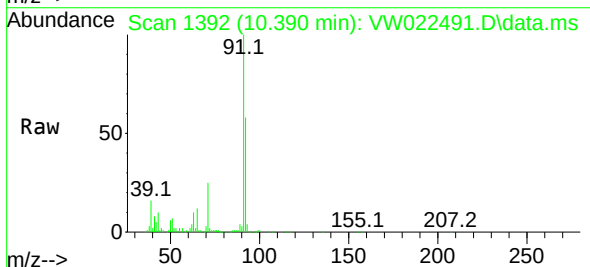
Acq: 11 Apr 2022 18:33

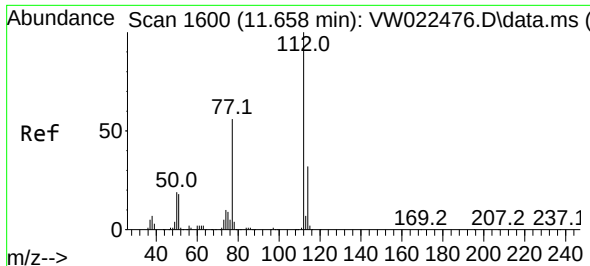
Tgt Ion: 91 Resp: 107576

Ion Ratio Lower Upper

91 100

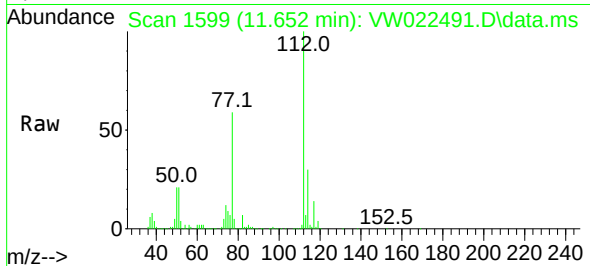
92 57.7 38.0 70.6





#51
Chlorobenzene
Concen: 21.309 ug/L
RT: 11.652 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW022491.D
Acq: 11 Apr 2022 18:33

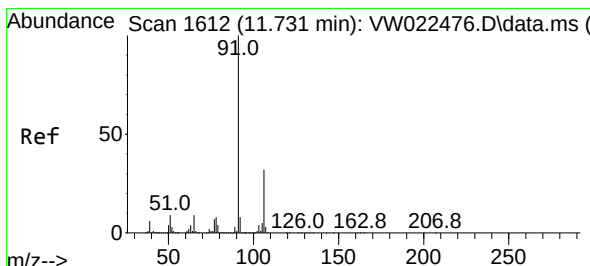
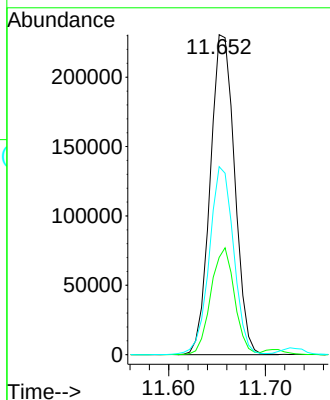
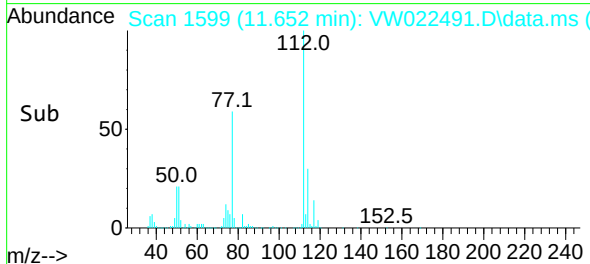
Instrument :
MSVOA_W
ClientSampleId :
ETNR2



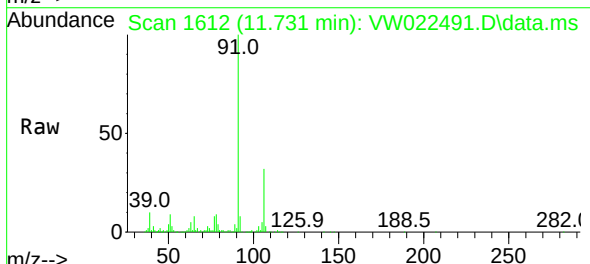
Tgt Ion: 112 Resp: 404469
Ion Ratio Lower Upper
112 100
114 30.4 20.5 38.1
77 58.8 48.1 72.1

Manual Integrations
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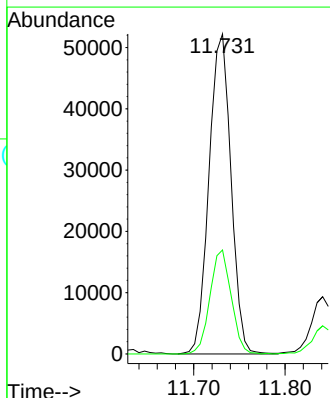
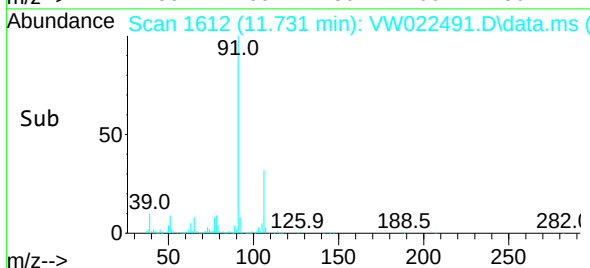
Reviewed By :Semsettin Yesilyurt 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022

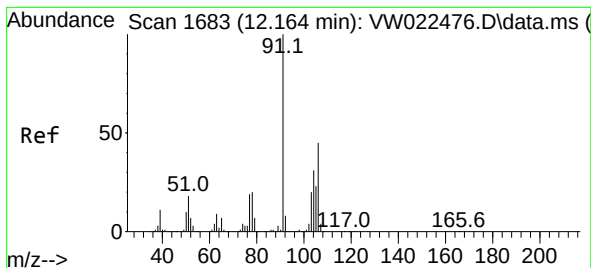


#52
Ethylbenzene
Concen: 2.504 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW022491.D
Acq: 11 Apr 2022 18:33



Tgt Ion: 91 Resp: 87171
Ion Ratio Lower Upper
91 100
106 32.5 20.5 38.1





#54

o-Xylene

Concen: 0.741 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022491.D

Acq: 11 Apr 2022 18:33

Instrument :

MSVOA_W

ClientSampleId :

ETNR2

Tgt Ion:106 Resp: 9370

Ion Ratio Lower Upper

106 100

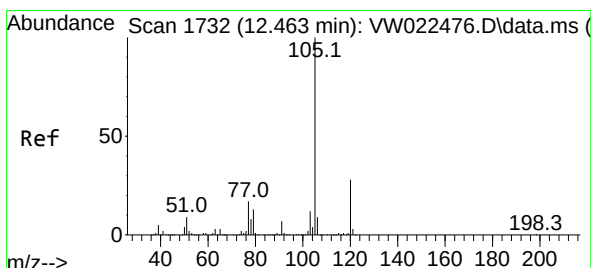
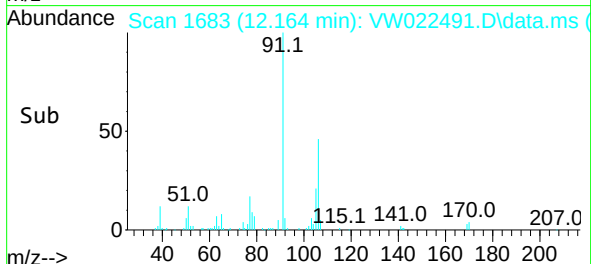
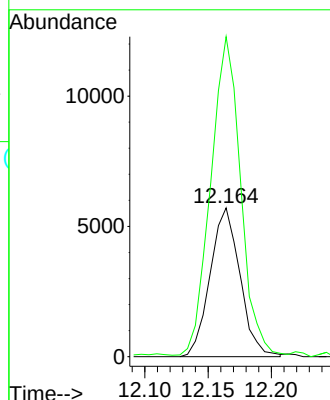
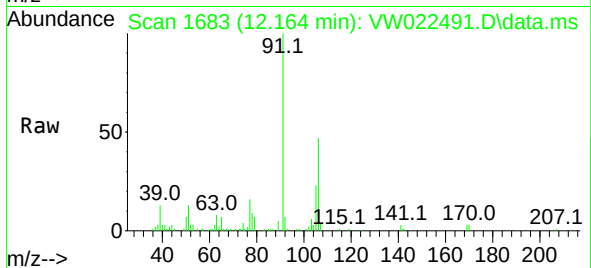
91 214.9 155.3 288.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/12/2022

Supervised By :Mahesh Dadoda 04/12/2022



#60

Isopropylbenzene

Concen: 0.862 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW022491.D

Acq: 11 Apr 2022 18:33

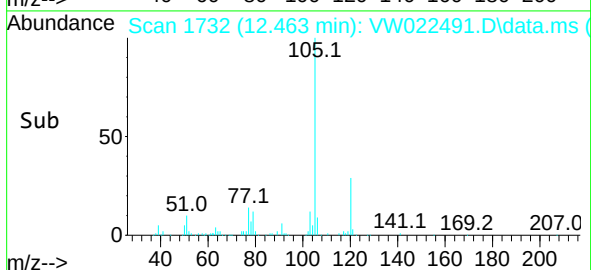
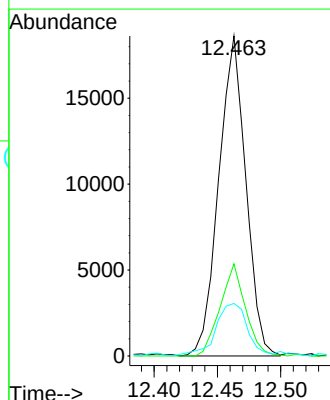
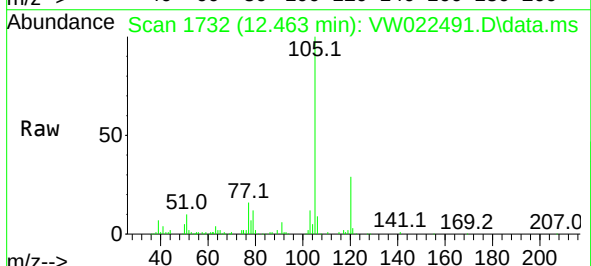
Tgt Ion:105 Resp: 27709

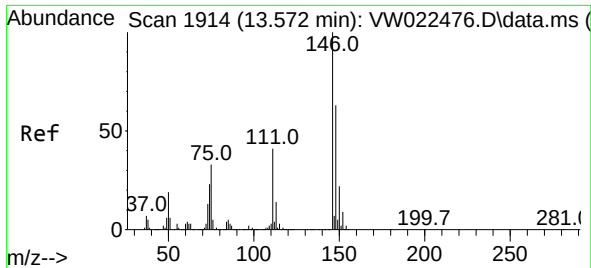
Ion Ratio Lower Upper

105 100

120 26.9 20.9 31.3

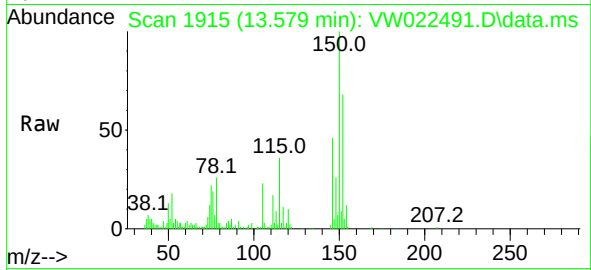
77 19.2 13.7 20.5





#65
 1,4-Dichlorobenzene
 Concen: 1.029 ug/L
 RT: 13.579 min Scan# 1915
 Delta R.T. 0.006 min
 Lab File: VW022491.D
 Acq: 11 Apr 2022 18:33

Instrument : MSVOA_W
 ClientSampleId : ETNR2



Tgt Ion:	146	Resp:	1339
Ion Ratio	Lower	Upper	
146	100		
111	37.6	28.5	52.9
148	56.1	44.4	82.4

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