

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
 Data File : VW023683.D
 Acq On : 14 Jul 2022 07:10
 Operator : SY/VA
 Sample : N3698-03
 Misc : 6.79g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F5B68

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/14/2022
 Supervised By : Mahesh Dadoda 07/15/2022

Quant Time: Jul 14 07:58:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 14 04:56:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	229250	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	197896	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	70937	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	102559	17.516	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	70.080%		
7) Chloroethane-d5	2.879	69	84533	21.641	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	86.560%		
11) 1,1-Dichloroethene-d2	4.013	63	60684	12.728	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	50.920%		
21) 2-Butanone-d5	7.080	46	43821	48.250	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	96.500%		
24) Chloroform-d	7.647	84	146619	21.967	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	87.880%		
26) 1,2-Dichloroethane-d4	8.305	65	89923	22.028	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	88.120%		
32) Benzene-d6	8.275	84	284254	27.632	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	110.520%		
36) 1,2-Dichloropropane-d6	9.274	67	90642	29.251	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	117.000%		
41) Toluene-d8	10.323	98	265091	25.405	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	101.600%		
43) trans-1,3-Dichloroprop...	10.573	79	29756	20.486	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	81.960%		
47) 2-Hexanone-d5	10.920	63	33617	51.592	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	103.180%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	78059	22.795	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	91.160%		
66) 1,2-Dichlorobenzene-d4	13.853	152	67510	26.660	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	106.640%		
Target Compounds						Qvalue
5) Vinyl chloride	2.355	62	413340	63.094	ug/L	98
13) Acetone	4.123	43	17541m	27.318	ug/L	
16) Methylene chloride	4.915	84	13783	3.845	ug/L	95
17) trans-1,2-Dichloroethene	5.415	96	16821	5.705	ug/L	93
20) cis-1,2-Dichloroethene	7.165	96	411864	126.087	ug/L #	97
29) Cyclohexane	7.951	56	57364	15.849	ug/L	85
33) Benzene	8.323	78	108481	9.646	ug/L	100
34) Trichloroethene	9.091	95	19347	6.515	ug/L	96
35) Methylcyclohexane	9.335	83	93302	20.633	ug/L #	88
42) Toluene	10.384	91	28787	2.245	ug/L	95

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

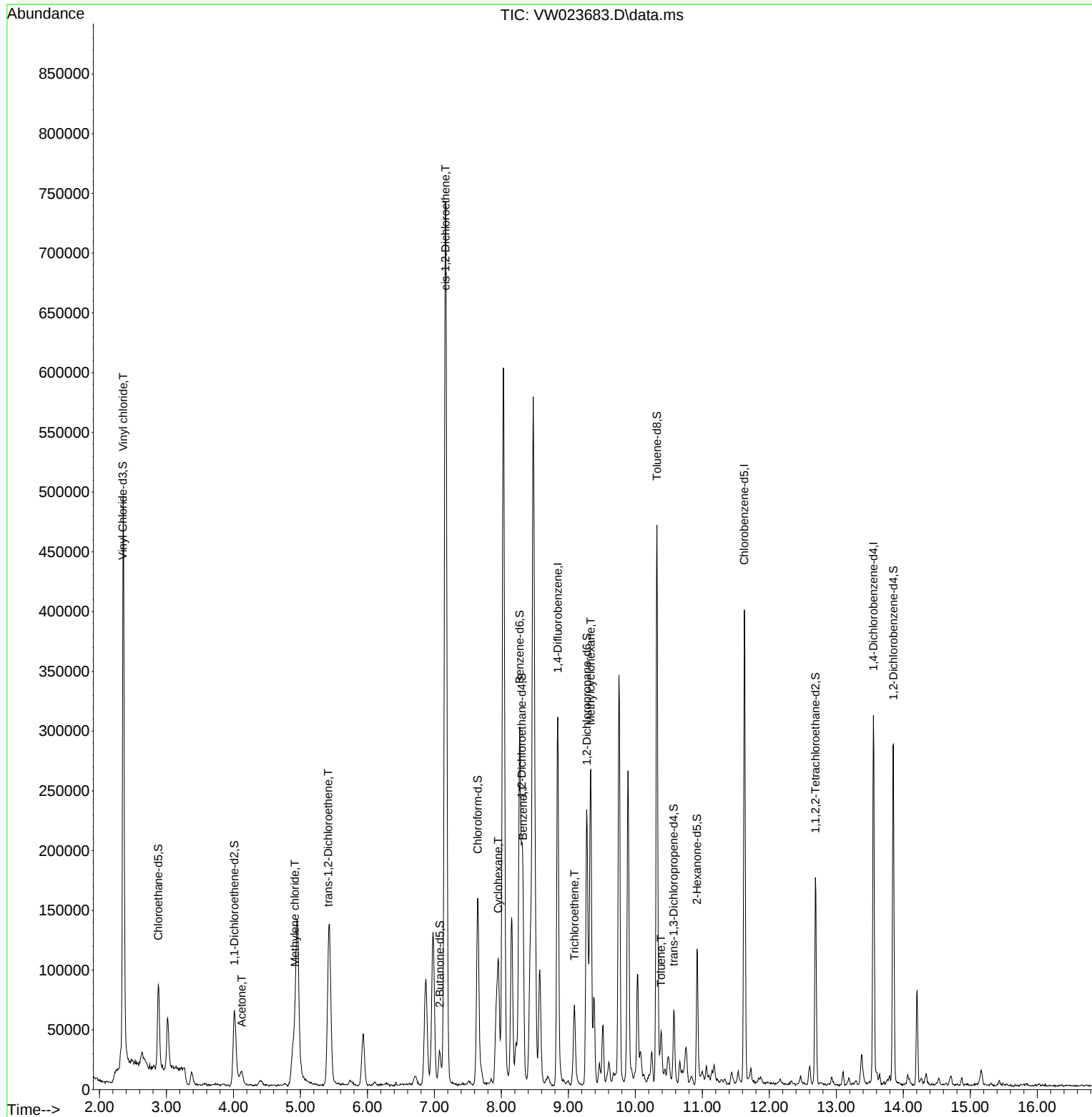
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
Data File : VW023683.D
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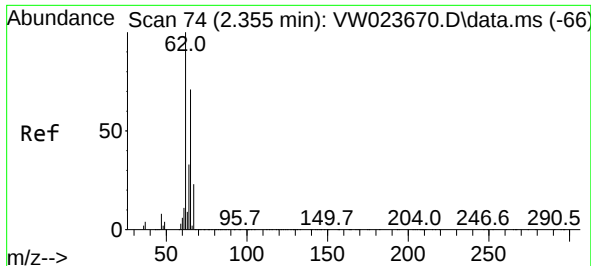
Instrument :
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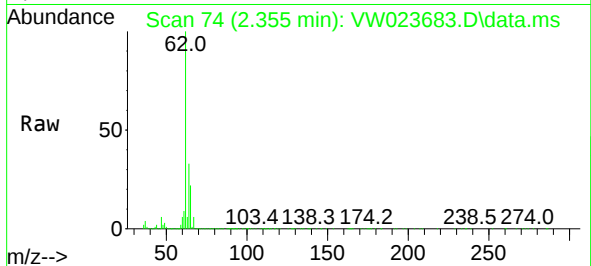
Quant Time: Jul 14 07:58:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jul 14 04:56:40 2022
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 63.094 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VW023683.D
 Acq: 14 Jul 2022 07:10

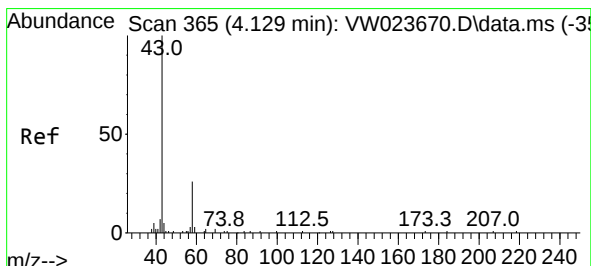
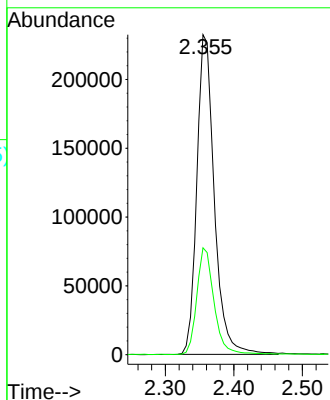
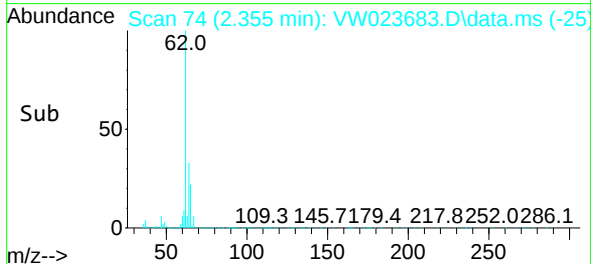
Instrument :
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 ClientSampleId :
 F5B68



Tgt Ion: 62 Resp: 413340
 Ion Ratio Lower Upper
 62 100
 64 33.4 24.0 44.6

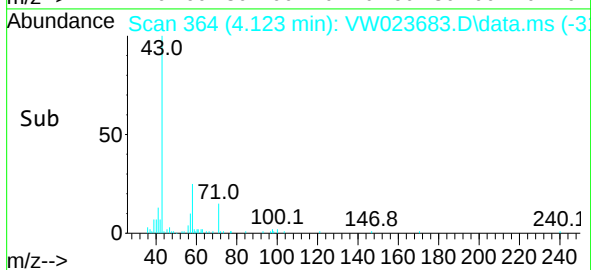
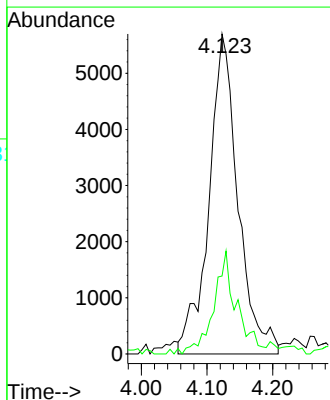
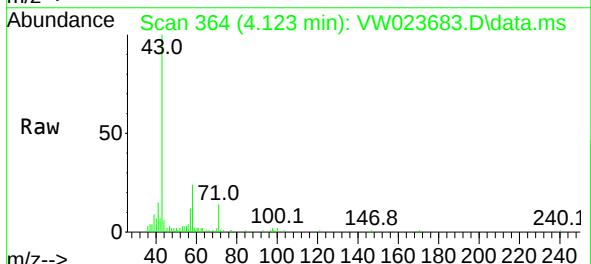
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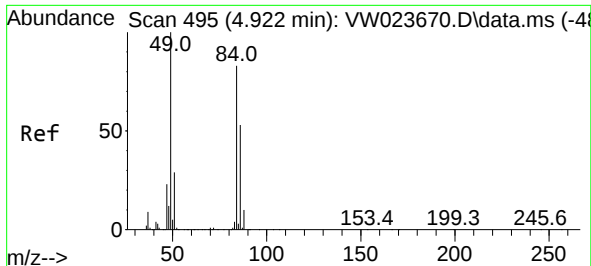
Reviewed By :Semsettin Yesilyurt 07/14/2022
 Supervised By :Mahesh Dadoda 07/15/2022



#13
 Acetone
 Concen: 27.318 ug/L m
 RT: 4.123 min Scan# 364
 Delta R.T. -0.006 min
 Lab File: VW023683.D
 Acq: 14 Jul 2022 07:10

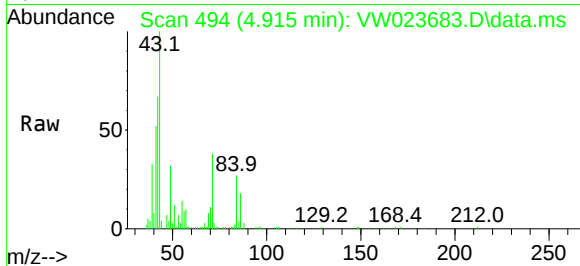
Tgt Ion: 43 Resp: 17541
 Ion Ratio Lower Upper
 43 100
 58 17.1 0.0 64.2





#16
Methylene chloride
Concen: 3.845 ug/L
RT: 4.915 min Scan# 495
Delta R.T. -0.006 min
Lab File: VW023683.D
Acq: 14 Jul 2022 07:10

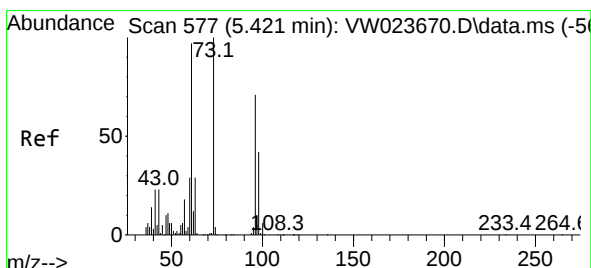
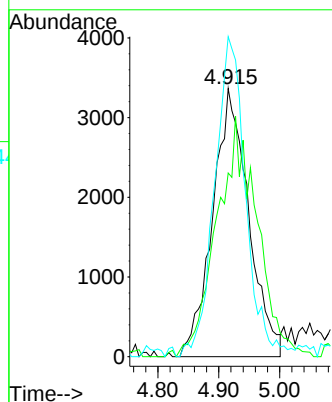
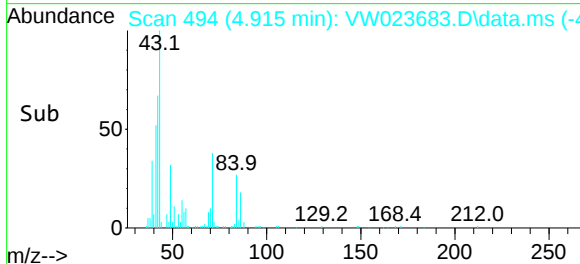
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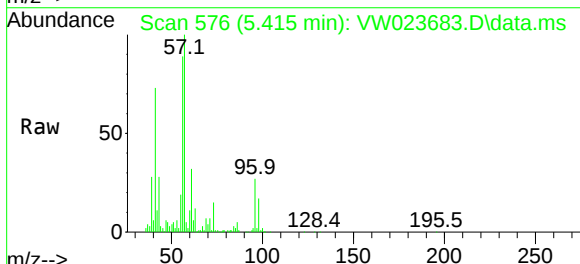
Tgt Ion: 84 Resp: 1378
Ion Ratio Lower Upper
84 100
86 68.5 42.8 79.6
49 119.4 85.4 158.6

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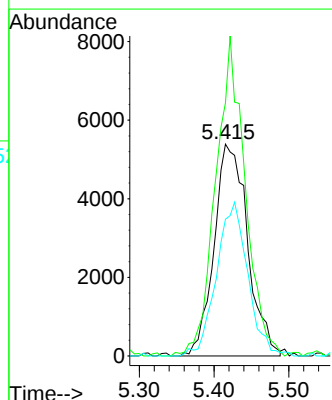
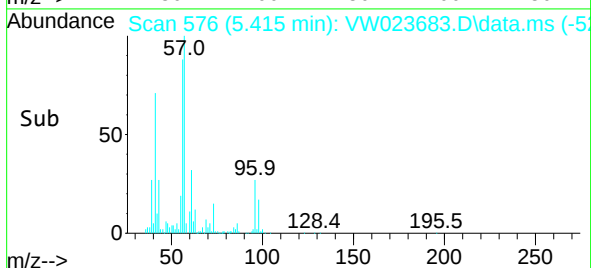
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/15/2022

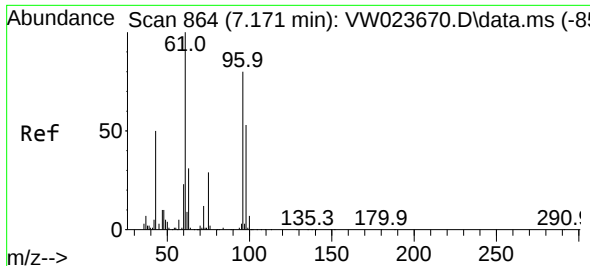


#17
trans-1,2-Dichloroethene
Concen: 5.705 ug/L
RT: 5.415 min Scan# 576
Delta R.T. -0.006 min
Lab File: VW023683.D
Acq: 14 Jul 2022 07:10



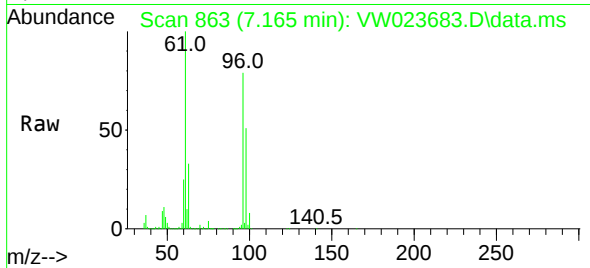
Tgt Ion: 96 Resp: 16821
Ion Ratio Lower Upper
96 100
61 119.6 90.8 168.6
98 64.6 42.8 79.6





#20
cis-1,2-Dichloroethene
Concen: 126.087 ug/L
RT: 7.165 min Scan# 80
Delta R.T. -0.006 min
Lab File: VW023683.D
Acq: 14 Jul 2022 07:10

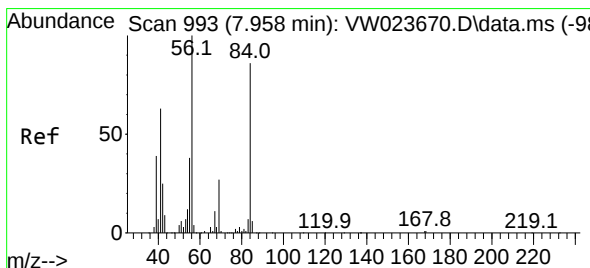
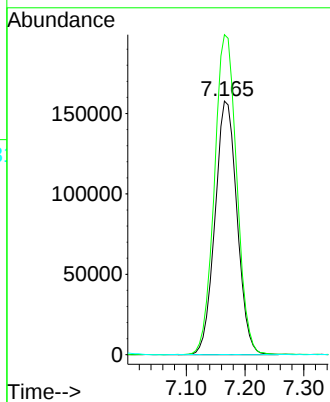
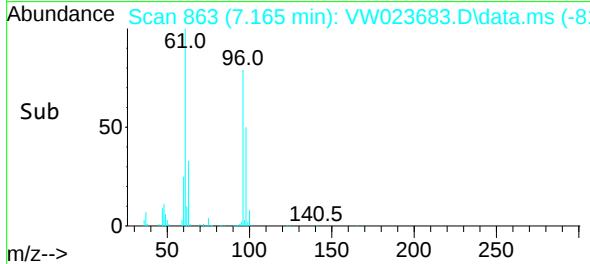
Instrument :
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ClientSampleId :
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Tgt Ion: 96 Resp: 411864
Ion Ratio Lower Upper
96 100
61 126.2 90.6 168.2
68 0.0 0.2 0.4

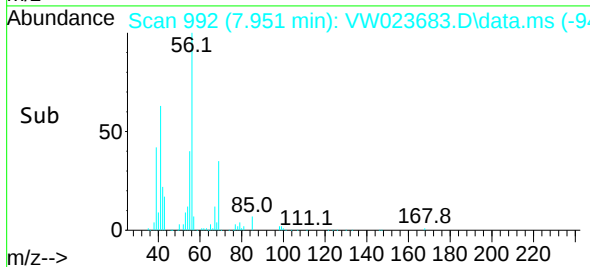
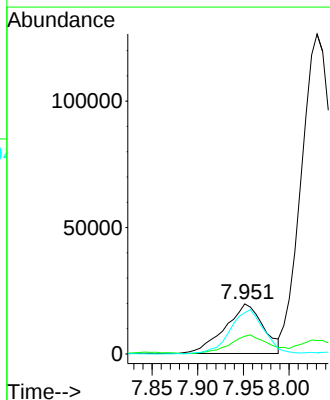
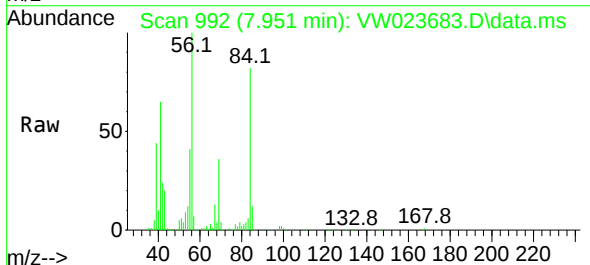
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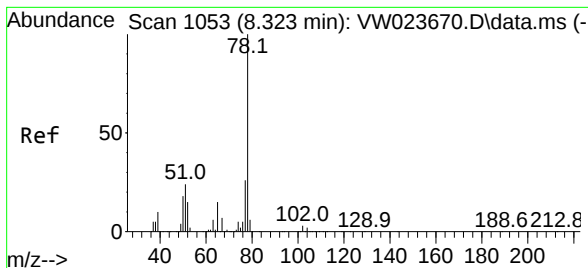
Reviewed By :Semsettin Yesilyurt 07/14/2022
Supervised By :Mahesh Dadoda 07/15/2022



#29
Cyclohexane
Concen: 15.849 ug/L
RT: 7.951 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW023683.D
Acq: 14 Jul 2022 07:10

Tgt Ion: 56 Resp: 57364
Ion Ratio Lower Upper
56 100
69 37.9 25.4 38.0
84 78.3 75.0 112.4





#33

Benzene

Concen: 9.646 ug/L

RT: 8.323 min Scan# 1053

Delta R.T. -0.000 min

Lab File: VW023683.D

Acq: 14 Jul 2022 07:10

Instrument :

MSVOA_W

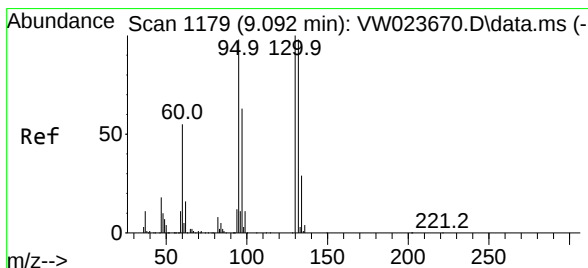
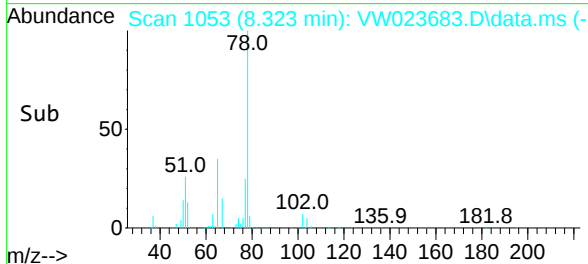
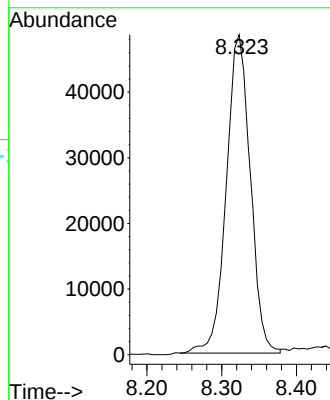
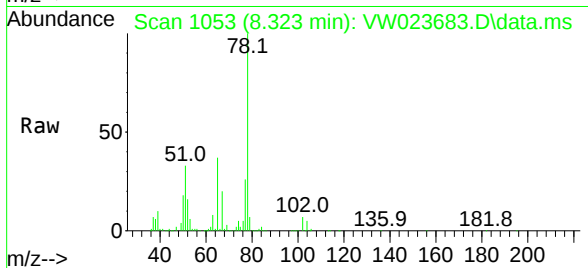
ClientSampleId :

F5B68

Tgt Ion: 78 Resp: 10848

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#34

Trichloroethene

Concen: 6.515 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW023683.D

Acq: 14 Jul 2022 07:10

Tgt Ion: 95 Resp: 19347

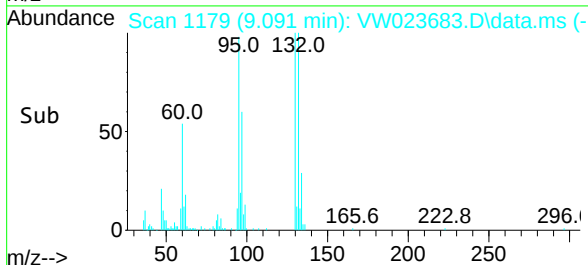
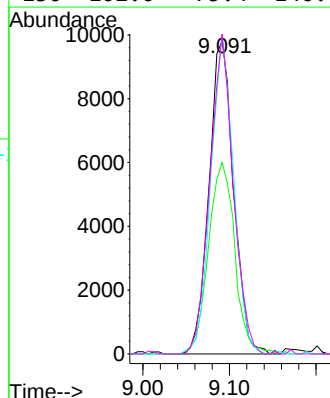
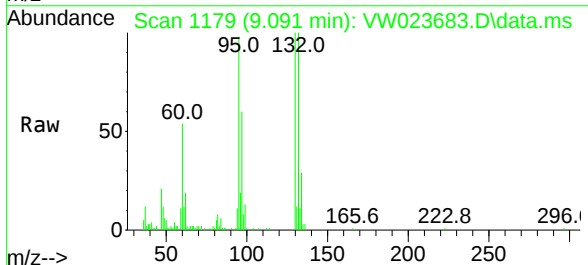
Ion Ratio Lower Upper

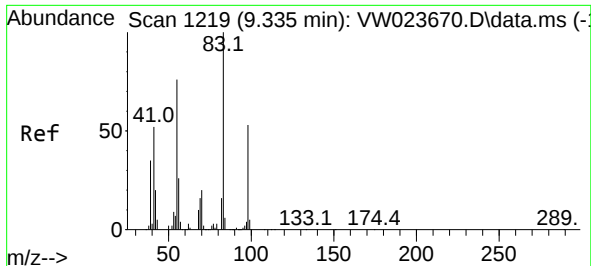
95 100

97 61.1 45.6 84.8

132 102.2 69.9 129.7

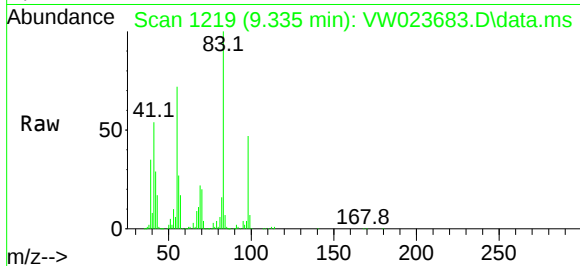
130 102.0 75.4 140.0





#35
Methylcyclohexane
Concen: 20.633 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW023683.D
Acq: 14 Jul 2022 07:10

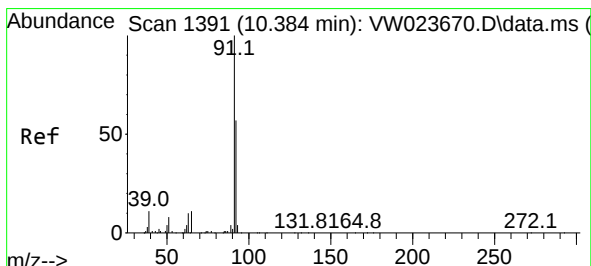
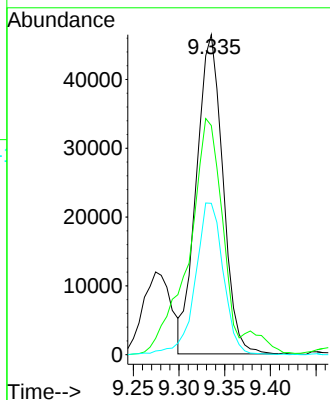
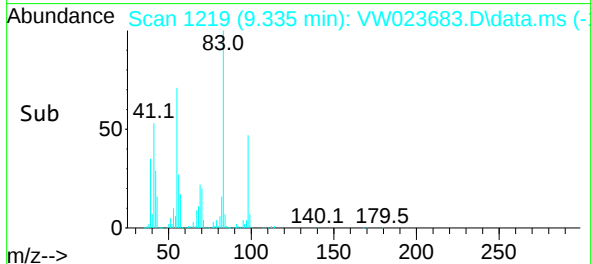
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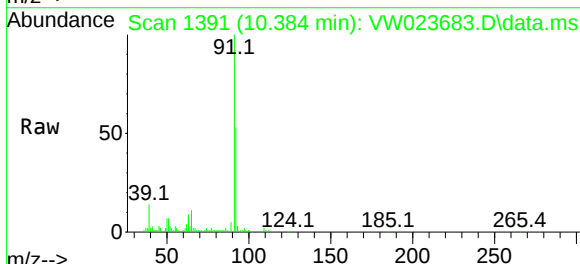
Tgt Ion: 83 Resp: 93302
Ion Ratio Lower Upper
83 100
55 92.7 60.8 91.2
98 50.6 39.5 59.3

Manual Integrations
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#42
Toluene
Concen: 2.245 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW023683.D
Acq: 14 Jul 2022 07:10



Tgt Ion: 91 Resp: 28787
Ion Ratio Lower Upper
91 100
92 53.2 39.9 74.1

