

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051222\
 Data File : VW023008.D
 Acq On : 12 May 2022 17:54
 Operator : SY/VA
 Sample : N2766-22
 Misc : 6.92g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4H2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/15/2022
 Supervised By :Mahesh Dadoda 05/16/2022

Quant Time: May 13 01:14:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 13 01:10:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	155199	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	133935	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	52278	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	55993	17.585	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	70.320%		
7) Chloroethane-d5	2.879	69	44118	21.297	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	85.200%		
11) 1,1-Dichloroethene-d2	4.007	63	58337	14.179	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery =	56.720%		
21) 2-Butanone-d5	7.086	46	24799	40.963	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	81.920%		
24) Chloroform-d	7.659	84	10392m	2.285	ug/L	0.01
Spiked Amount 25.000	Range 40 - 150		Recovery =	9.160%#		
26) 1,2-Dichloroethane-d4	8.305	65	60607m	24.303	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	97.200%		
32) Benzene-d6	8.275	84	180040	23.321	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	93.280%		
36) 1,2-Dichloropropane-d6	9.275	67	58281	26.876	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	107.520%		
41) Toluene-d8	10.323	98	155000	20.784	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	83.120%		
43) trans-1,3-Dichloroprop...	10.579	79	18971	19.000	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	76.000%		
47) 2-Hexanone-d5	10.927	63	16135	38.976	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	77.960%		
56) 1,1,2,2-Tetrachloroeth...	0.000	84	0d	0.000	ug/L	
Spiked Amount 25.000	Range 45 - 120		Recovery =	0.000%#		
66) 1,2-Dichlorobenzene-d4	13.853	152	41276	22.587	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	90.360%		
Target Compounds						
13) Acetone	4.129	43	5530m	12.201	ug/L	
14) Carbon disulfide	4.373	76	28905	5.304	ug/L #	93
19) 1,1-Dichloroethane	6.214	63	29307	7.730	ug/L	96
25) Chloroform	7.677	83	92202	21.994	ug/L	98
34) Trichloroethene	9.092	95	14697	6.773	ug/L	97
42) Toluene	10.390	91	14556	1.646	ug/L	93
52) Ethylbenzene	11.731	91	8434	0.857	ug/L	99
53) m,p-Xylene	11.841	106	10547	2.721	ug/L	71
54) o-Xylene	12.158	106	5364	1.442	ug/L	79
62) 1,3,5-Trimethylbenzene	12.938	105	10699	2.685	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	37529	6.273	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	3304	1.129	ug/L #	87

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

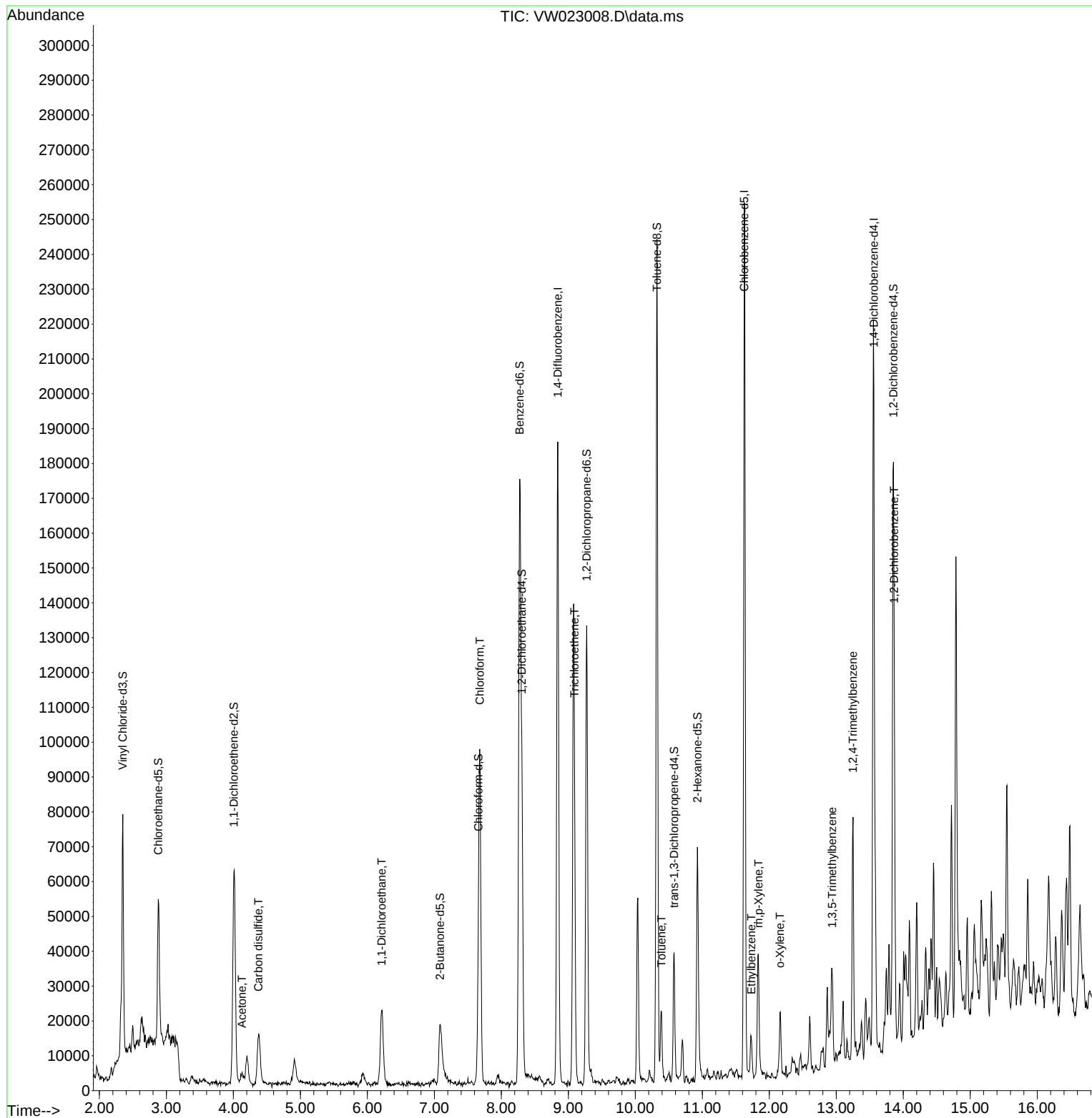
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051222\
Data File : VW023008.D
Acq On : 12 May 2022 17:54
Operator : SY/VA
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Misc : 6.92g/10mL/MSVOA_W/SOIL
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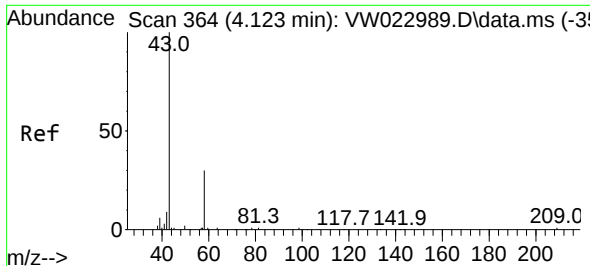
Instrument :
MSVOA_W
ClientSampleId :
EW4H2

Quant Time: May 13 01:14:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 13 01:10:05 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

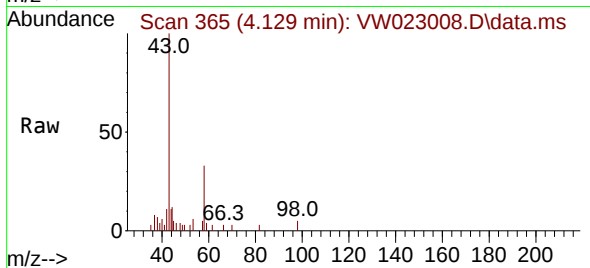
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022





#13
Acetone
Concen: 12.201 ug/L m
RT: 4.129 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW023008.D
Acq: 12 May 2022 17:54

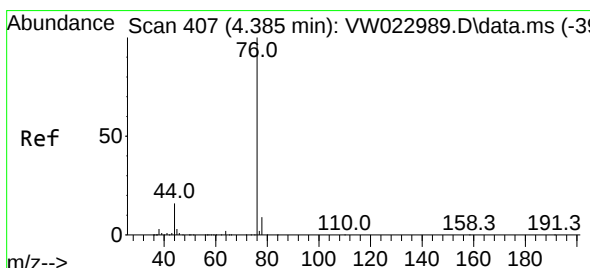
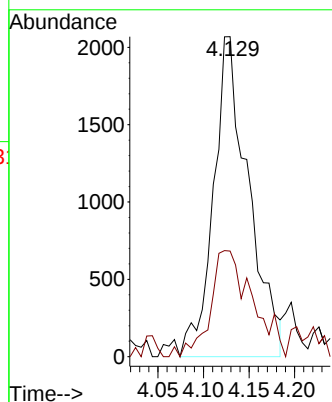
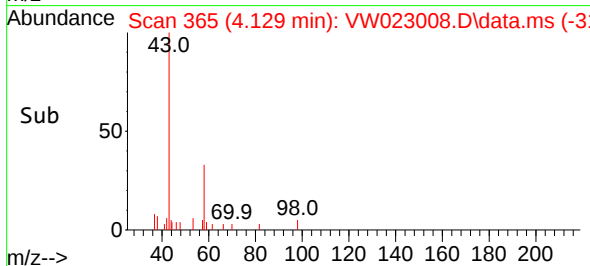
Instrument :
MSVOA_W
ClientSampleId :
EW4H2



Tgt Ion: 43 Resp: 5530
Ion Ratio Lower Upper
43 100
58 26.5 0.0 64.0

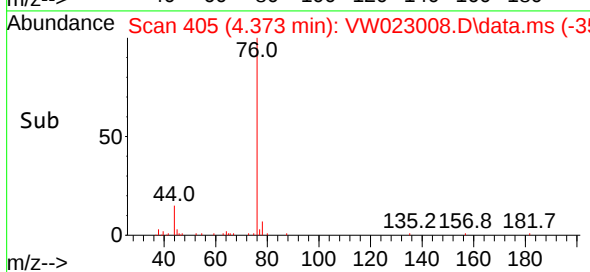
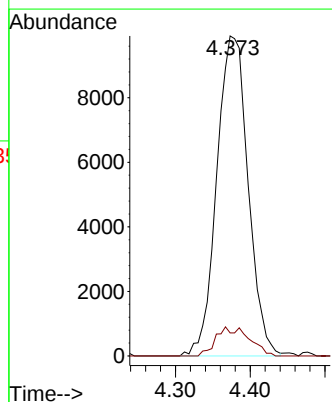
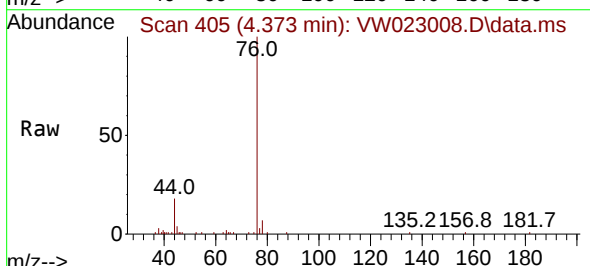
Manual Integrations
APPROVED

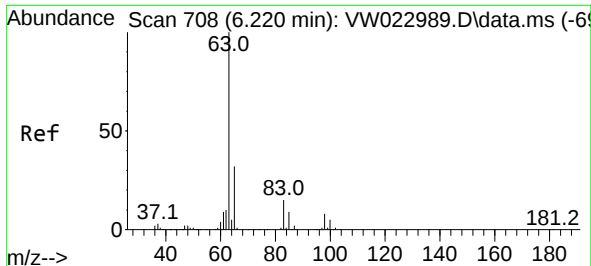
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022



#14
Carbon disulfide
Concen: 5.304 ug/L
RT: 4.373 min Scan# 405
Delta R.T. -0.012 min
Lab File: VW023008.D
Acq: 12 May 2022 17:54

Tgt Ion: 76 Resp: 28905
Ion Ratio Lower Upper
76 100
78 7.2 7.7 11.5#





#19

1,1-Dichloroethane

Concen: 7.730 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW023008.D

Acq: 12 May 2022 17:54

Instrument :

MSVOA_W

ClientSampleId :

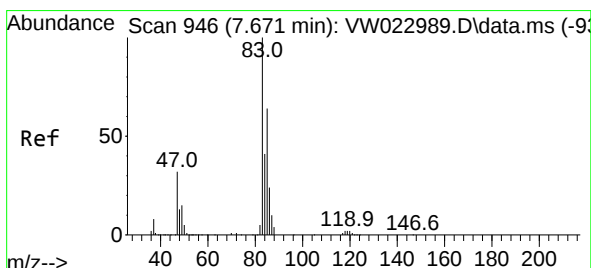
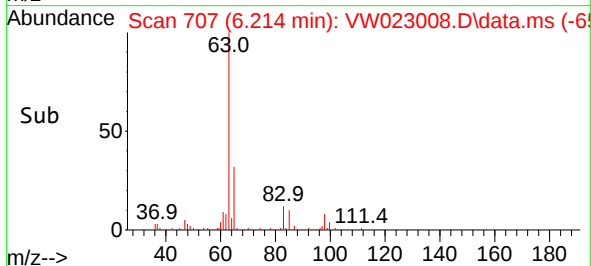
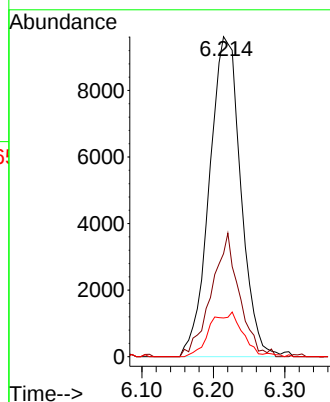
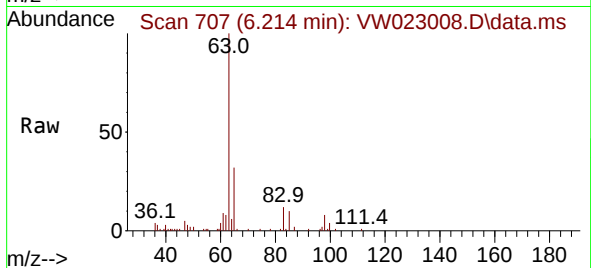
EW4H2

Tgt Ion:	63	Resp:	2930
Ion Ratio	Lower	Upper	
63	100		
65	32.2	23.3	43.3
83	12.1	11.1	20.5

Manual Integrations

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#25

Chloroform

Concen: 21.994 ug/L

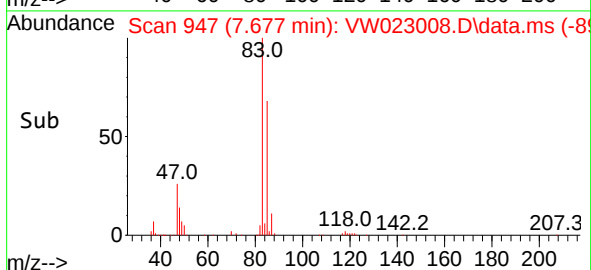
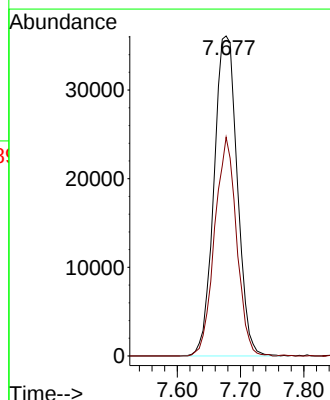
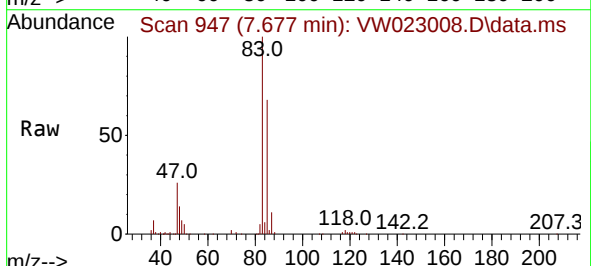
RT: 7.677 min Scan# 947

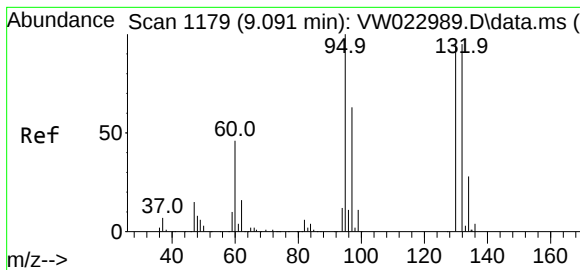
Delta R.T. 0.006 min

Lab File: VW023008.D

Acq: 12 May 2022 17:54

Tgt Ion:	83	Resp:	92202
Ion Ratio	Lower	Upper	
83	100		
85	68.3	46.6	86.6





#34

Trichloroethene

Concen: 6.773 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW023008.D

Acq: 12 May 2022 17:54

Instrument :

MSVOA_W

ClientSampleId :

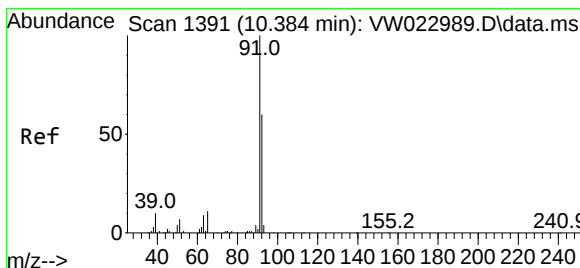
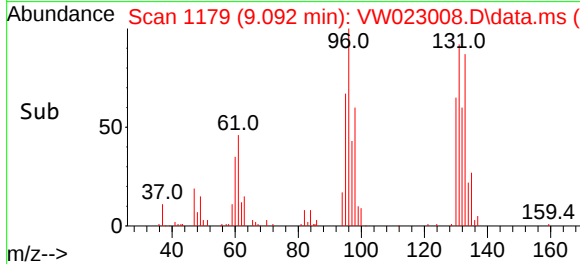
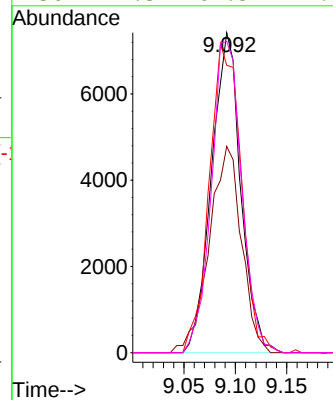
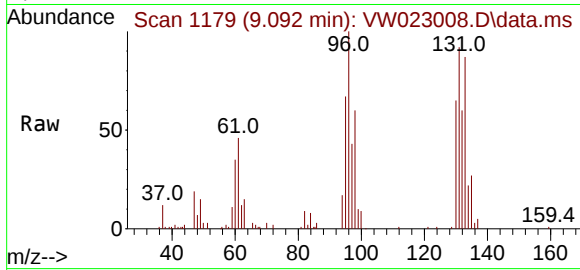
EW4H2

Tgt Ion:	95	Resp:	1469
Ion Ratio	Lower	Upper	
95	100		
97	64.4	46.1	85.7
132	89.8	66.9	124.3
130	97.3	69.5	129.1

Manual Integrations

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#42

Toluene

Concen: 1.646 ug/L

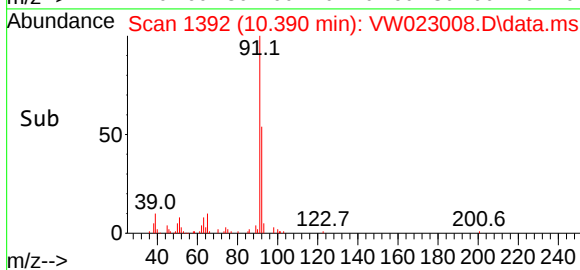
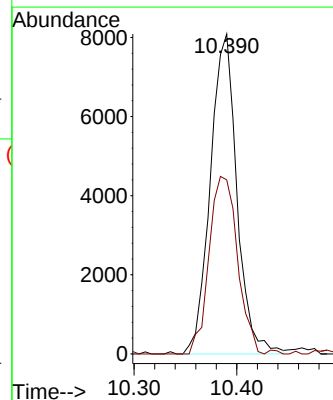
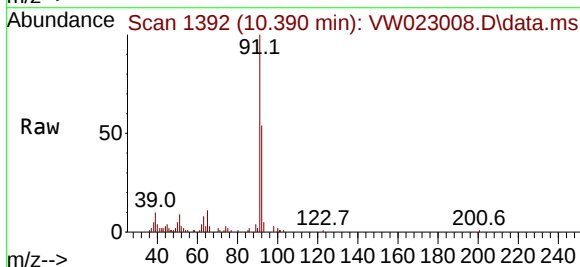
RT: 10.390 min Scan# 1392

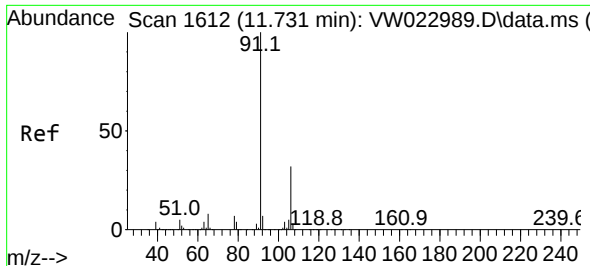
Delta R.T. 0.006 min

Lab File: VW023008.D

Acq: 12 May 2022 17:54

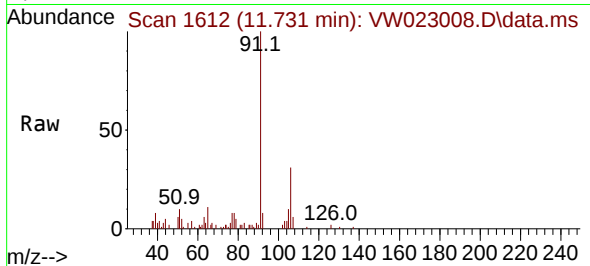
Tgt Ion:	91	Resp:	14556
Ion Ratio	Lower	Upper	
91	100		
92	54.4	41.6	77.2





#52
Ethylbenzene
Concen: 0.857 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW023008.D
Acq: 12 May 2022 17:54

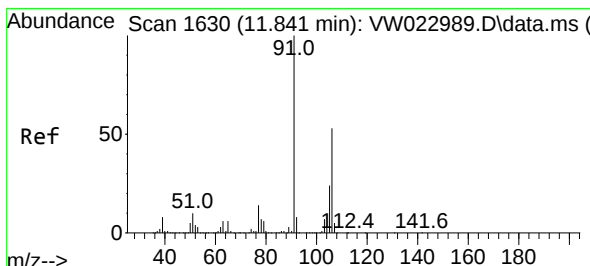
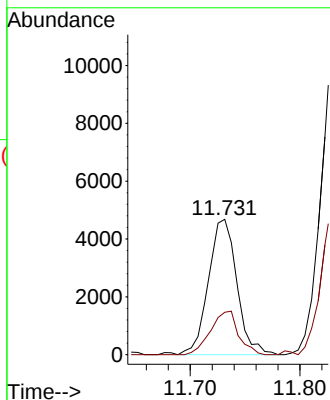
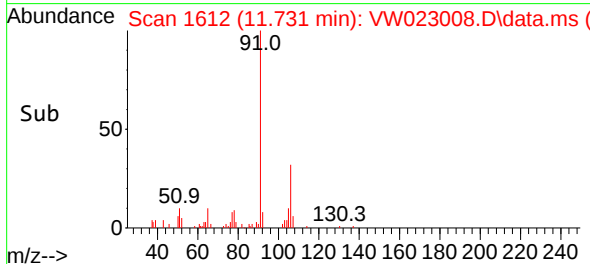
Instrument :
MSVOA_W
ClientSampleId :
EW4H2



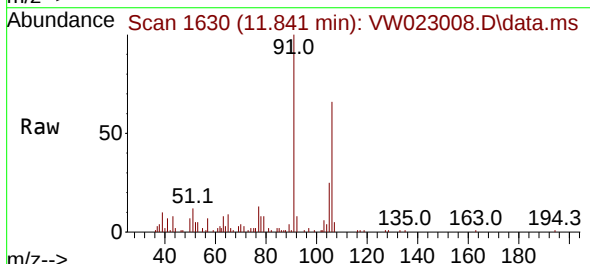
Tgt Ion: 91 Resp: 8434
Ion Ratio Lower Upper
91 100
106 31.4 22.3 41.3

Manual Integrations
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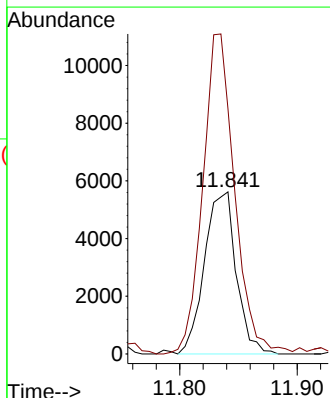
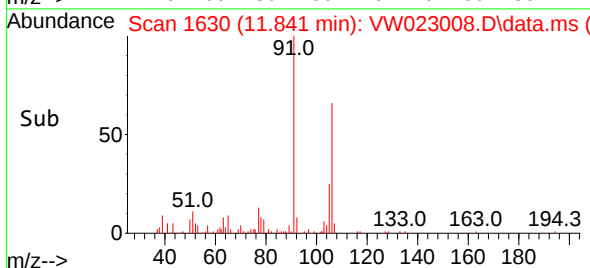
Reviewed By :Semsettin Yesilyurt 05/15/2022
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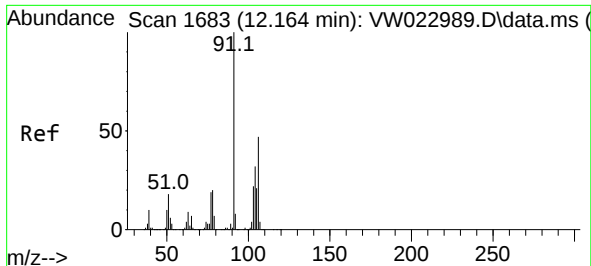


#53
m,p-Xylene
Concen: 2.721 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW023008.D
Acq: 12 May 2022 17:54



Tgt Ion:106 Resp: 10547
Ion Ratio Lower Upper
106 100
91 151.4 136.8 254.0





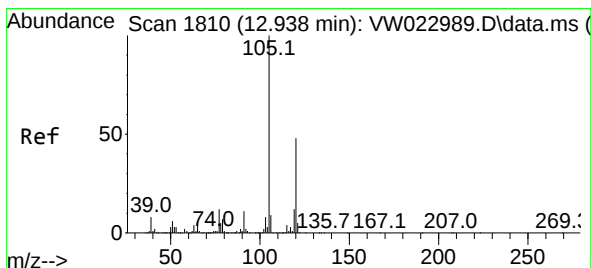
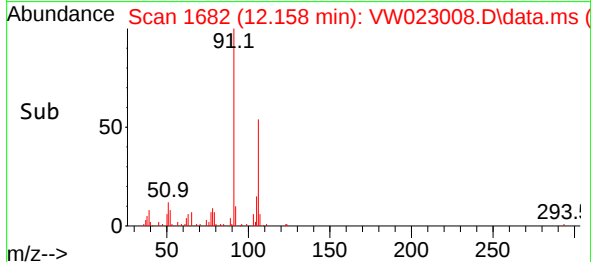
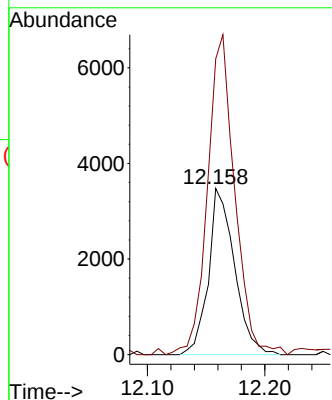
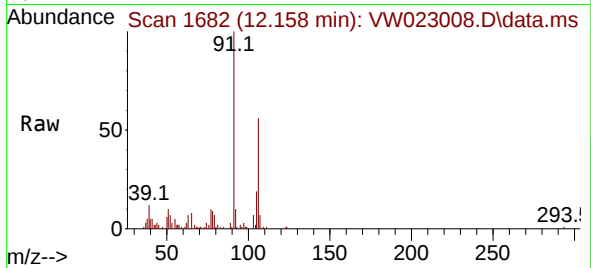
#54
o-Xylene
Concen: 1.442 ug/L
RT: 12.158 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW023008.D
Acq: 12 May 2022 17:54

Instrument :
MSVOA_W
ClientSampleId :
EW4H2

Tgt Ion:106 Resp: 5364
Ion Ratio Lower Upper
106 100
91 178.0 147.2 273.4

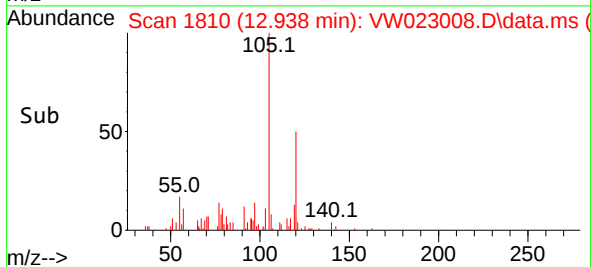
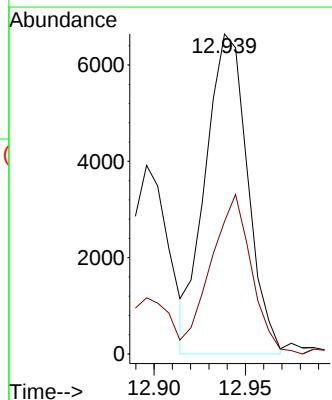
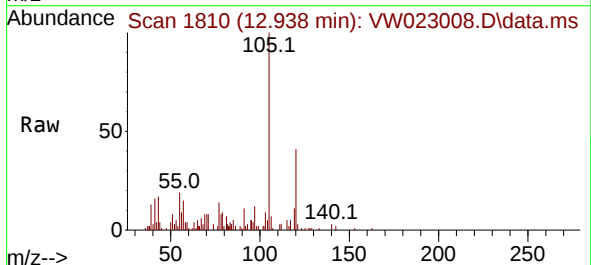
Manual Integrations
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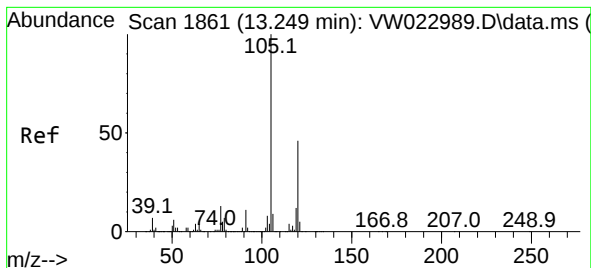
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022



#62
1,3,5-Trimethylbenzene
Concen: 2.685 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW023008.D
Acq: 12 May 2022 17:54

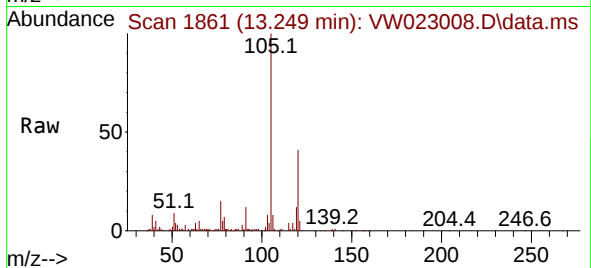
Tgt Ion:105 Resp: 10699
Ion Ratio Lower Upper
105 100
120 47.9 38.9 58.3





#63
1,2,4-Trimethylbenzene
Concen: 6.273 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW023008.D
Acq: 12 May 2022 17:54

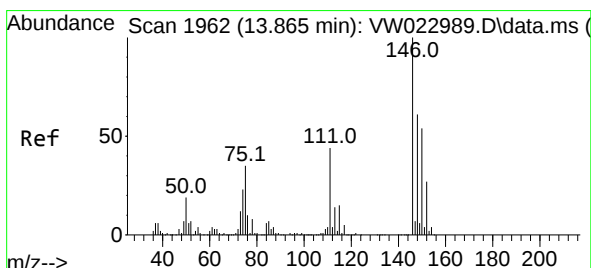
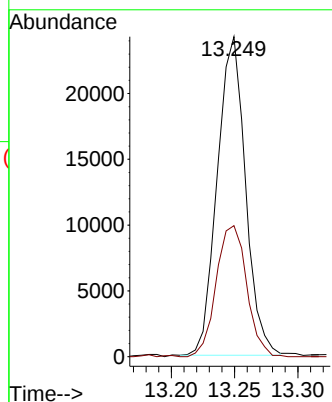
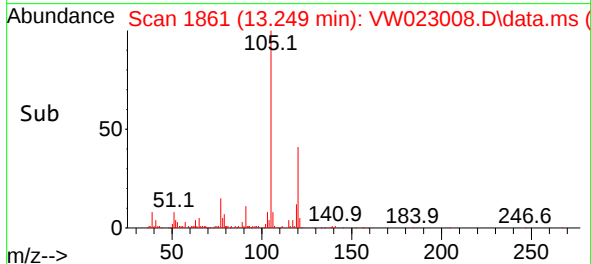
Instrument :
MSVOA_W
ClientSampleId :
EW4H2



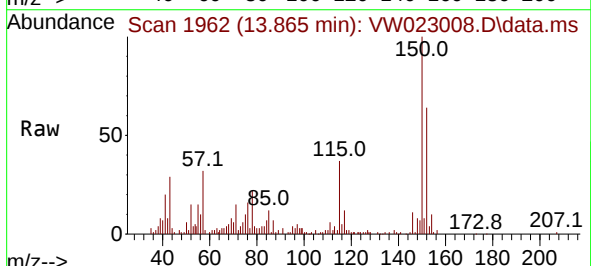
Tgt Ion:105 Resp: 37529
Ion Ratio Lower Upper
105 100
120 44.4 37.4 56.2

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022



#67
1,2-Dichlorobenzene
Concen: 1.129 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW023008.D
Acq: 12 May 2022 17:54



Tgt Ion:146 Resp: 3304
Ion Ratio Lower Upper
146 100
111 55.5 35.7 53.5#
148 73.5 52.6 79.0

