

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
 Data File : VW024379.D
 Acq On : 27 Aug 2022 04:56
 Operator : SY/VA
 Sample : N4345-03
 Misc : 6.42g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBVS3

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/30/2022
 Supervised By :Mahesh Dadoda 08/30/2022

Quant Time: Aug 27 05:43:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 27 02:57:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	167652	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.640	117	125634	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	103980	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	124122	26.858	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 107.440%			
7) Chloroethane-d5	2.873	69	82525	23.833	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.320%			
11) 1,1-Dichloroethene-d2	4.013	63	64086	15.989	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 63.960%			
21) 2-Butanone-d5	7.086	46	31215	36.671	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 73.340%			
24) Chloroform-d	7.647	84	82934	15.387	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 61.560%			
26) 1,2-Dichloroethane-d4	8.305	65	54178	16.575	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 66.320%#			
32) Benzene-d6	8.275	84	176454	24.513	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 98.040%			
36) 1,2-Dichloropropane-d6	9.274	67	54012	24.127	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.520%			
41) Toluene-d8	10.329	98	156413	22.854	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.400%			
43) trans-1,3-Dichloroprop...	10.585	79	19764	18.866	ug/L	0.01
Spiked Amount 25.000	Range 30 - 135		Recovery = 75.480%			
47) 2-Hexanone-d5	10.914	63	6778m	13.530	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 27.060%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	52907	20.874	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 83.480%			
66) 1,2-Dichlorobenzene-d4	13.853	152	70908	18.109	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 72.440%#			
Target Compounds						
16) Methylene chloride	4.915	84	11246	4.000	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	6800	2.609	ug/L	96
34) Trichloroethene	9.091	95	44336	21.506	ug/L	96
42) Toluene	10.396	91	182730	21.168	ug/L	96
46) Tetrachloroethene	10.853	164	82293339m	51397.645	ug/L	
51) Chlorobenzene	11.664	112	5558	0.959	ug/L #	77
52) Ethylbenzene	11.737	91	31104	3.259	ug/L	92
53) m,p-Xylene	11.841	106	17906	4.777	ug/L	92
54) o-Xylene	12.164	106	20141	5.748	ug/L	96
60) Isopropylbenzene	12.463	105	578556	41.893	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	113446	10.187	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	157625	14.573	ug/L	99

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

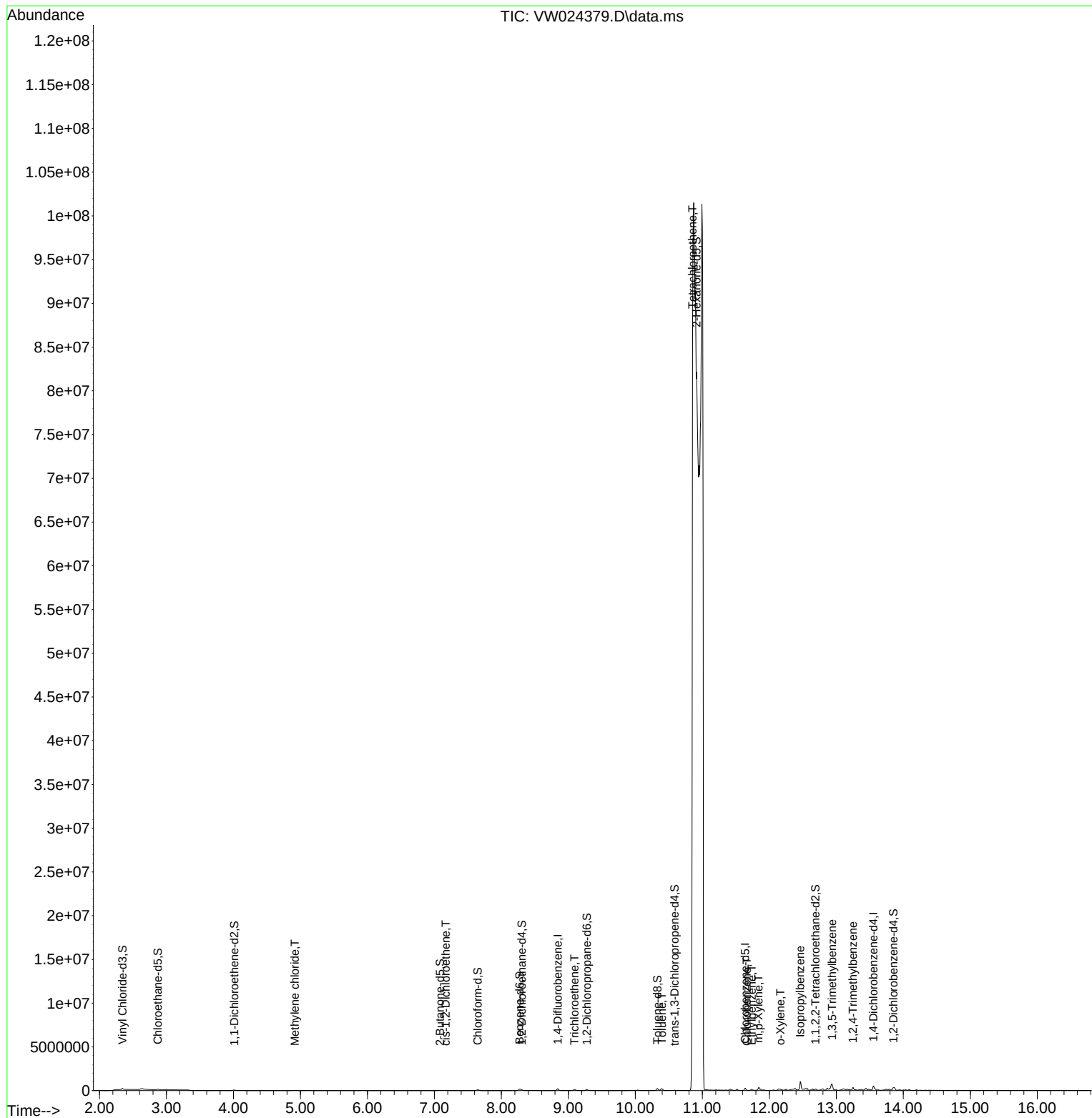
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024379.D
Acq On : 27 Aug 2022 04:56
Operator : SY/VA
Sample : N4345-03
Misc : 6.42g/10mL/MSVOA_W/SOIL
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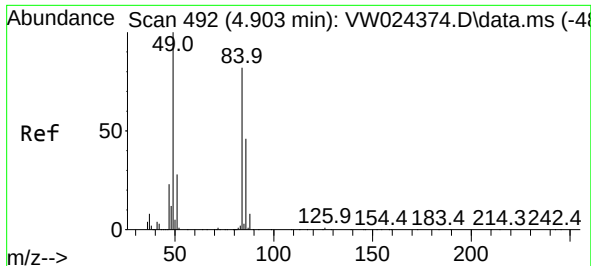
Instrument :
MSVOA_W
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DBVS3

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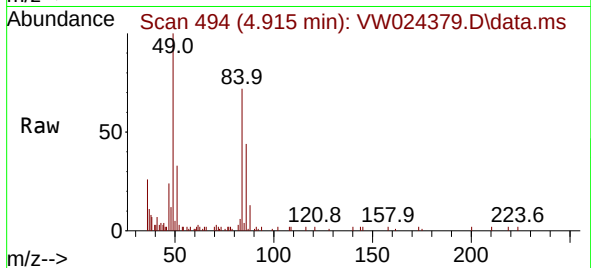
Quant Time: Aug 27 05:43:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Aug 27 02:57:08 2022
Response via : Initial Calibration





#16
Methylene chloride
Concen: 4.000 ug/L
RT: 4.915 min Scan# 492
Delta R.T. 0.012 min
Lab File: VW024379.D
Acq: 27 Aug 2022 04:56

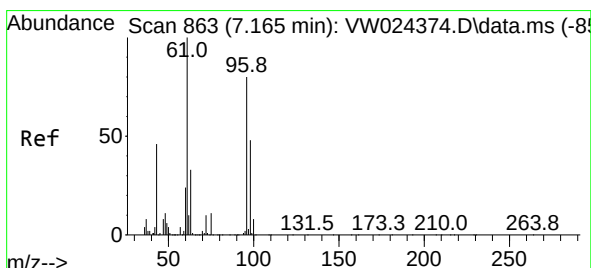
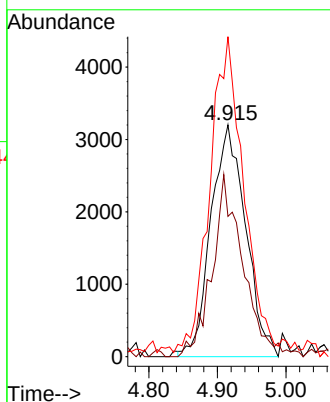
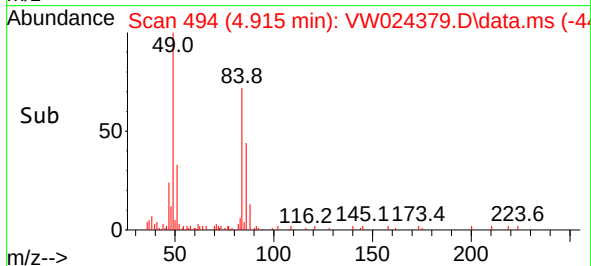
Instrument :
MSVOA_W
ClientSampleId :
DBVS3



Tgt Ion: 84 Resp: 11240
Ion Ratio Lower Upper
84 100
86 60.5 47.7 88.7
49 138.0 96.6 179.4

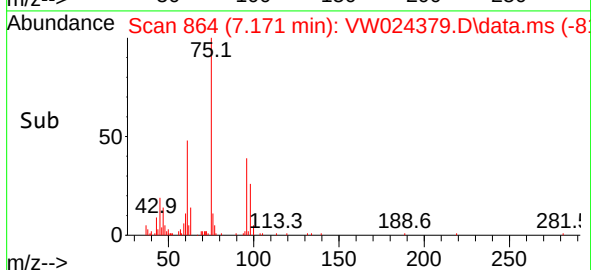
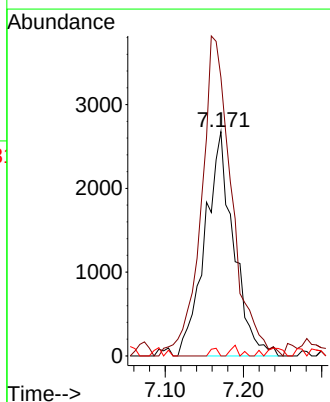
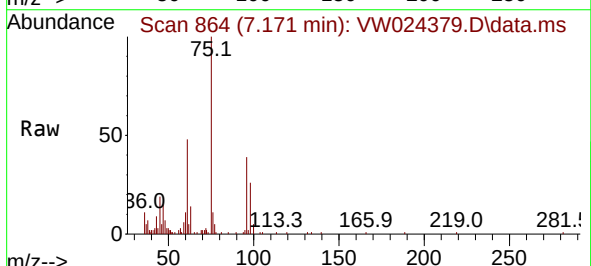
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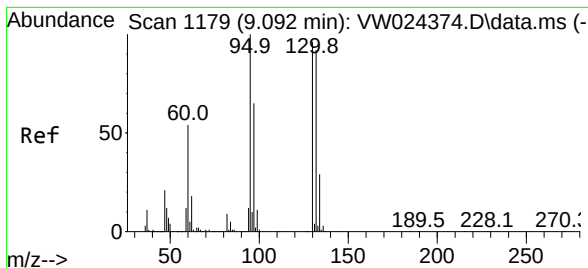
Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/30/2022



#20
cis-1,2-Dichloroethene
Concen: 2.609 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW024379.D
Acq: 27 Aug 2022 04:56

Tgt Ion: 96 Resp: 6800
Ion Ratio Lower Upper
96 100
61 124.2 90.2 167.6
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 21.506 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW024379.D

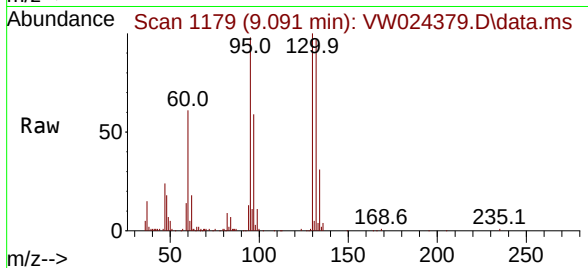
Acq: 27 Aug 2022 04:56

Instrument :

MSVOA_W

ClientSampleId :

DBVS3



Tgt Ion: 95 Resp: 44330

Ion Ratio Lower Upper

95 100

97 59.8 48.4 89.8

132 98.4 68.6 127.4

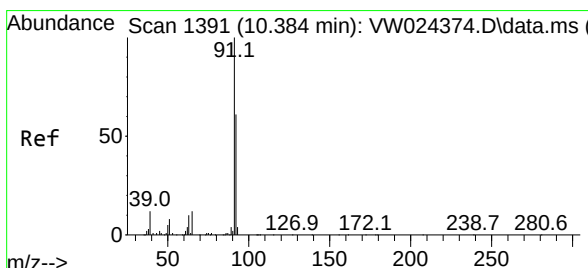
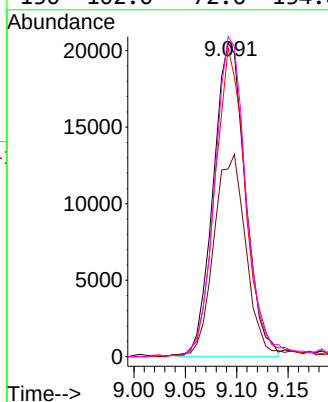
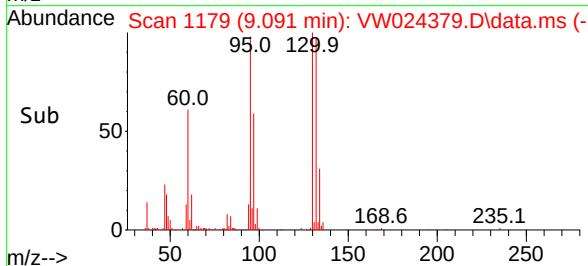
130 102.0 72.6 134.8

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#42

Toluene

Concen: 21.168 ug/L

RT: 10.396 min Scan# 1393

Delta R.T. 0.012 min

Lab File: VW024379.D

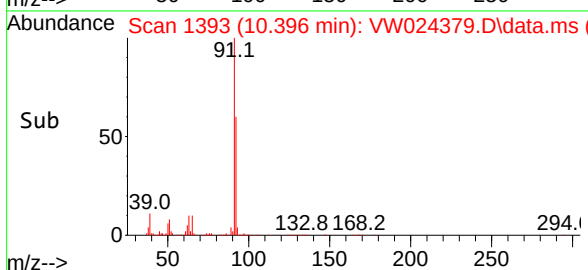
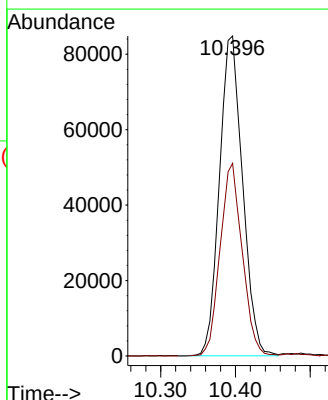
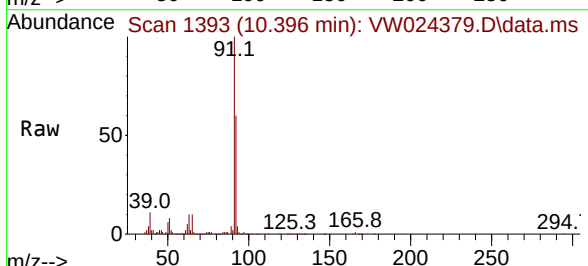
Acq: 27 Aug 2022 04:56

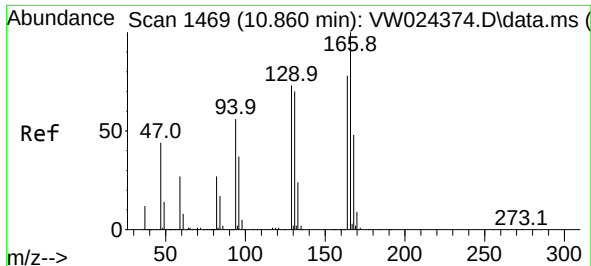
Tgt Ion: 91 Resp: 182730

Ion Ratio Lower Upper

91 100

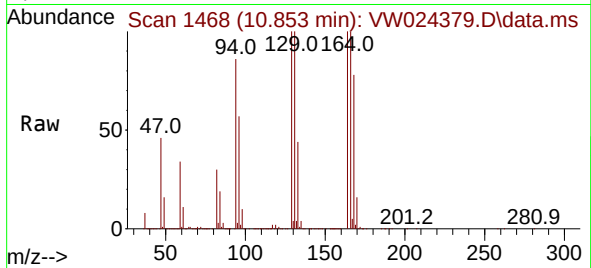
92 60.2 40.0 74.4





#46
Tetrachloroethene
Concen: 51397.645 ug/L m
RT: 10.853 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW024379.D
Acq: 27 Aug 2022 04:56

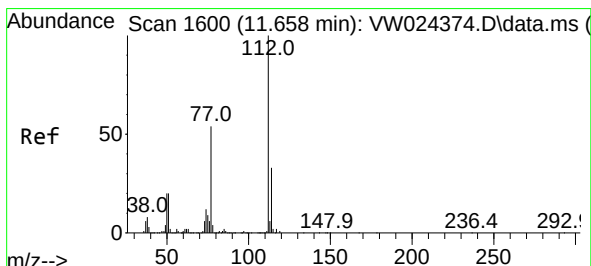
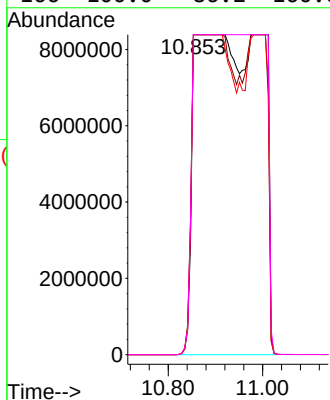
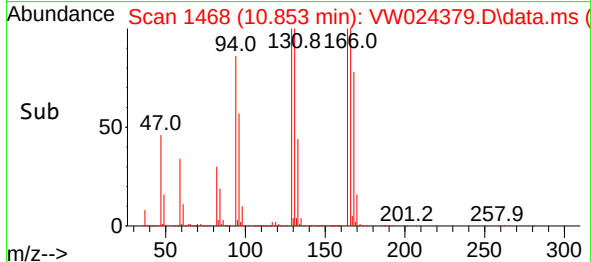
Instrument :
MSVOA_W
ClientSampleId :
DBVS3



Tgt Ion:164 Resp:82293339
Ion Ratio Lower Upper
164 100
129 100.0 72.9 135.3
131 100.0 63.7 118.3
166 100.0 86.2 160.0

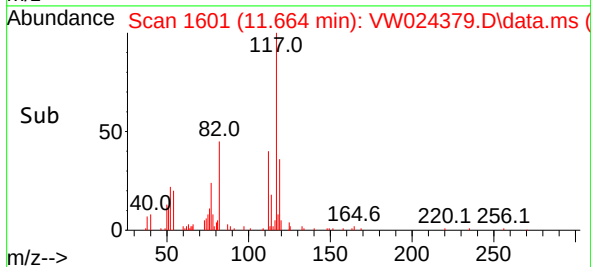
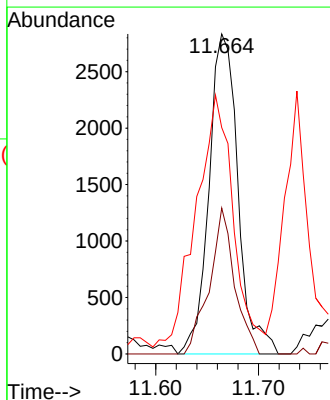
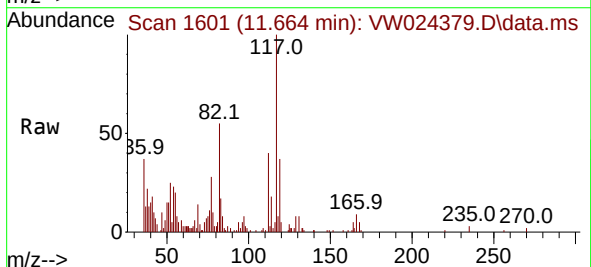
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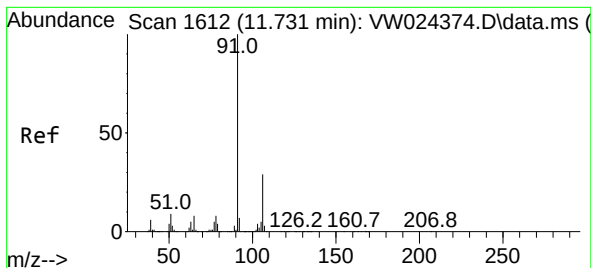
Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/30/2022



#51
Chlorobenzene
Concen: 0.959 ug/L
RT: 11.664 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VW024379.D
Acq: 27 Aug 2022 04:56

Tgt Ion:112 Resp: 5558
Ion Ratio Lower Upper
112 100
114 45.6 22.3 41.3#
77 70.7 44.1 66.1#





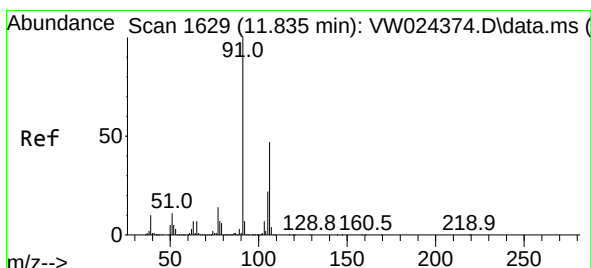
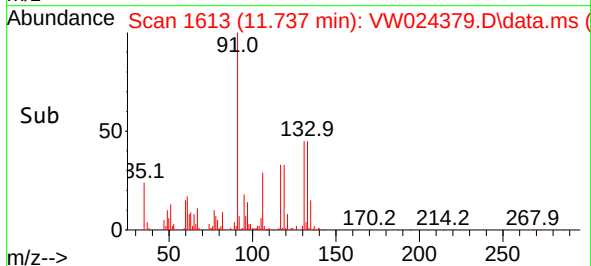
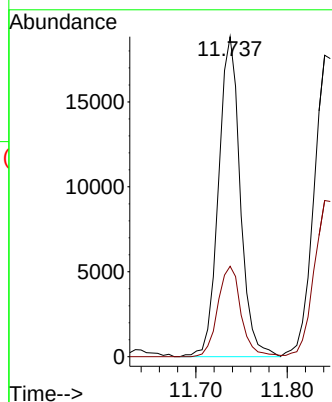
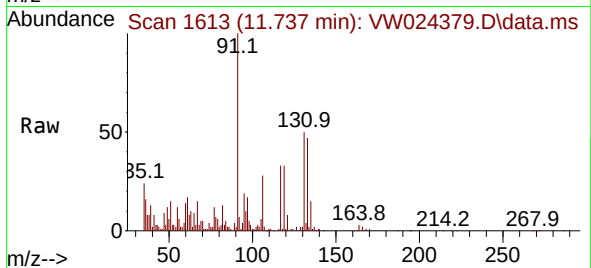
#52
Ethylbenzene
Concen: 3.259 ug/L
RT: 11.737 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW024379.D
Acq: 27 Aug 2022 04:56

Instrument :
MSVOA_W
ClientSampleId :
DBVS3

Tgt Ion: 91 Resp: 31104
Ion Ratio Lower Upper
91 100
106 28.2 22.7 42.3

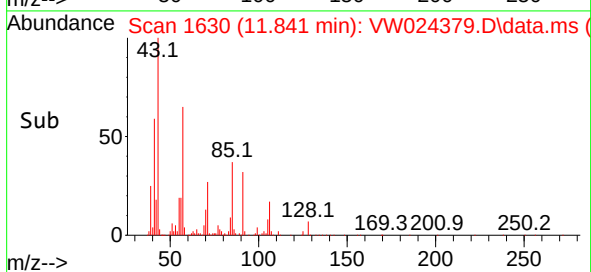
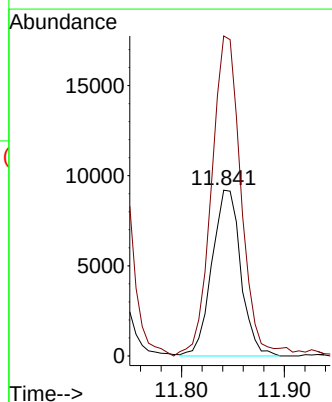
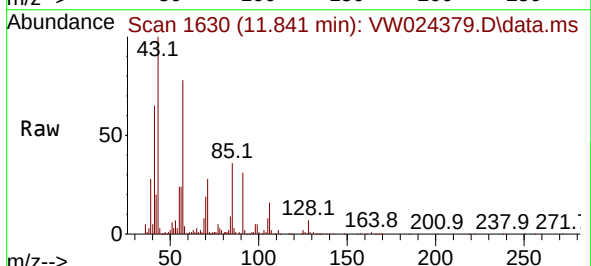
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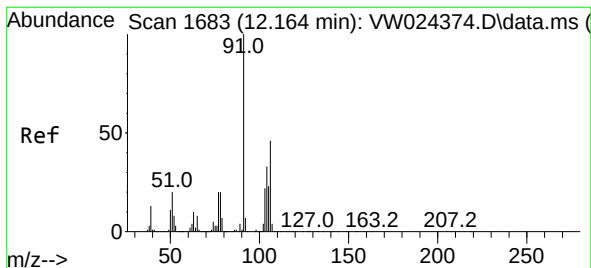
Reviewed By :Semsettin Yesilyurt 08/30/2022
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#53
m,p-Xylene
Concen: 4.777 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW024379.D
Acq: 27 Aug 2022 04:56

Tgt Ion:106 Resp: 17906
Ion Ratio Lower Upper
106 100
91 193.1 144.3 267.9





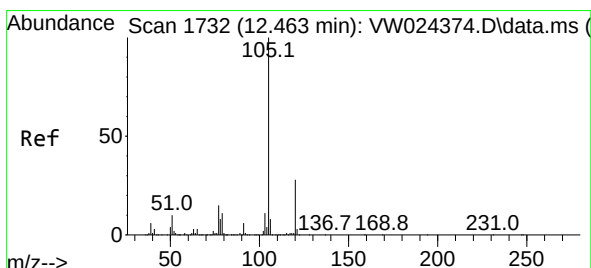
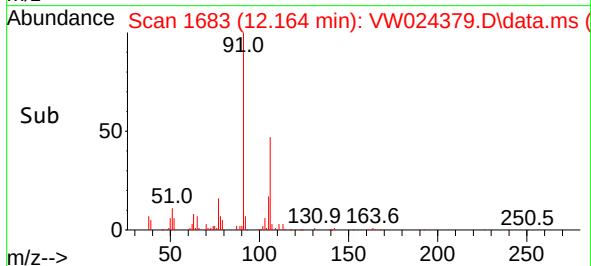
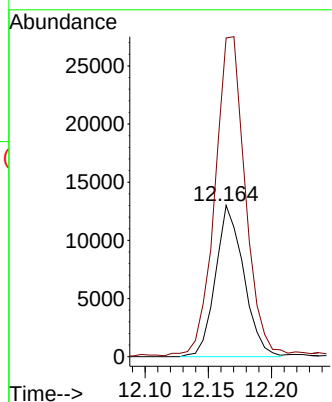
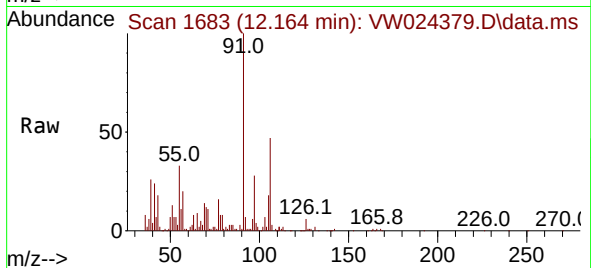
#54
o-Xylene
Concen: 5.748 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW024379.D
Acq: 27 Aug 2022 04:56

Instrument :
MSVOA_W
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DBVS3

Tgt Ion:106 Resp: 2014
Ion Ratio Lower Upper
106 100
91 210.8 152.1 282.5

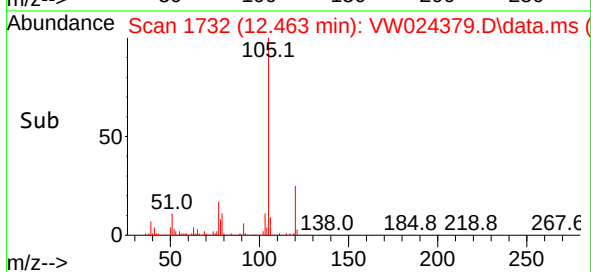
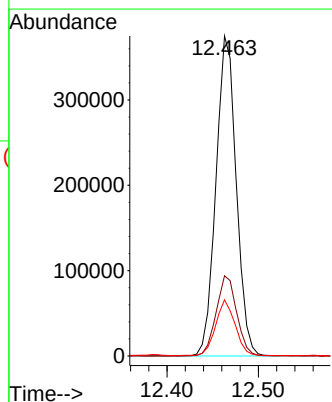
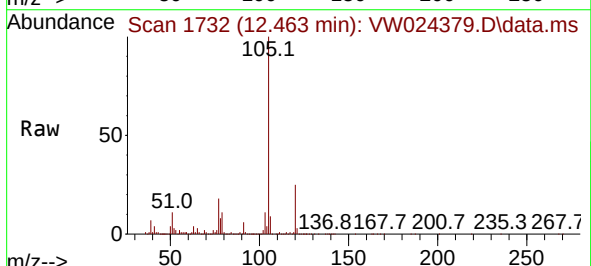
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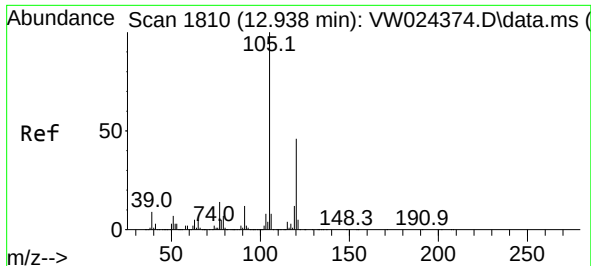
Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/30/2022



#60
Isopropylbenzene
Concen: 41.893 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW024379.D
Acq: 27 Aug 2022 04:56

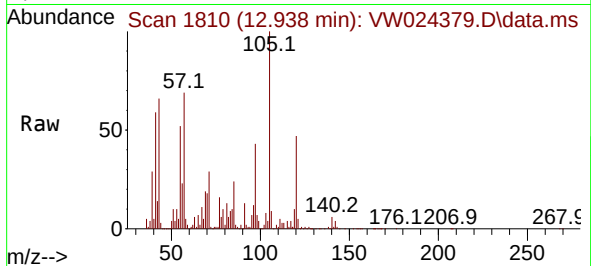
Tgt Ion:105 Resp: 578556
Ion Ratio Lower Upper
105 100
120 25.4 21.4 32.0
77 16.6 13.0 19.6





#62
1,3,5-Trimethylbenzene
Concen: 10.187 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW024379.D
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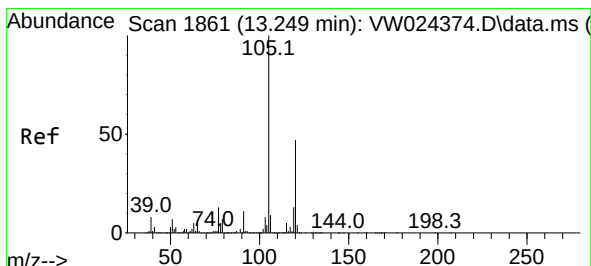
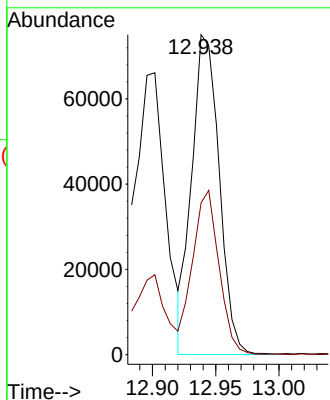
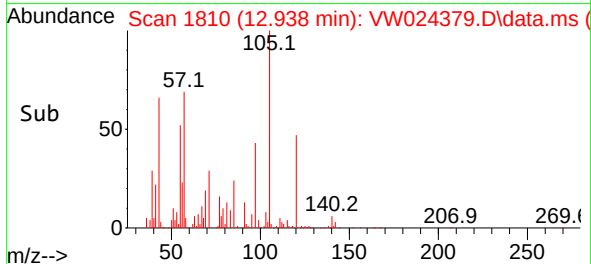
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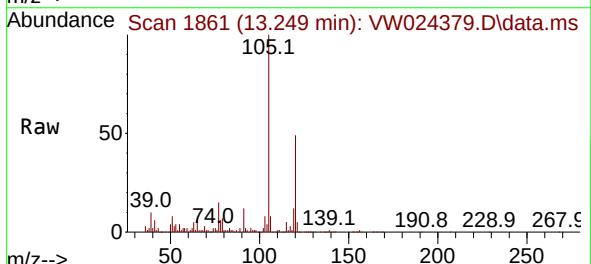
Tgt Ion:105 Resp: 113440
Ion Ratio Lower Upper
105 100
120 49.2 38.4 57.6

Manual Integrations
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Supervised By :Mahesh Dadoda 08/30/2022



#63
1,2,4-Trimethylbenzene
Concen: 14.573 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW024379.D
Acq: 27 Aug 2022 04:56



Tgt Ion:105 Resp: 157625
Ion Ratio Lower Upper
105 100
120 45.8 36.2 54.2

