

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
 Data File : VW024378.D
 Acq On : 27 Aug 2022 04:31
 Operator : SY/VA
 Sample : N4345-02
 Misc : 4.71g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBVS2

Manual Integrations
 APPROVED

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

Quant Time: Aug 27 05:43:18 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	8.848	114	186172	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.646	117	139129	25.000	ug/L	0.01
58) 1,4-Dichlorobenzene-d4	13.554	152	127944	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.337	65	168175	32.770	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	131.080%		
7) Chloroethane-d5	2.873	69	101968	26.519	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	106.080%		
11) 1,1-Dichloroethene-d2	4.007	63	73114m	16.427	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	65.720%		
21) 2-Butanone-d5	7.086	46	25557m	27.037	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	54.080%		
24) Chloroform-d	7.653	84	82710	13.819	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	55.280%		
26) 1,2-Dichloroethane-d4	8.311	65	58335m	16.072	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	64.280%#		
32) Benzene-d6	8.281	84	196541	24.656	ug/L	0.01
Spiked Amount 25.000	Range 20 - 135		Recovery =	98.640%		
36) 1,2-Dichloropropane-d6	9.275	67	56372	22.739	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	90.960%		
41) Toluene-d8	10.335	98	182693	24.105	ug/L	0.01
Spiked Amount 25.000	Range 30 - 130		Recovery =	96.400%		
43) trans-1,3-Dichloroprop...	10.585	79	21935	18.907	ug/L	0.01
Spiked Amount 25.000	Range 30 - 135		Recovery =	75.640%		
47) 2-Hexanone-d5	10.896	63	5545m	9.995	ug/L	-0.02
Spiked Amount 50.000	Range 20 - 135		Recovery =	20.000%		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	55045	19.611	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	78.440%		
66) 1,2-Dichlorobenzene-d4	13.853	152	85569	17.760	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	71.040%#		
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	7.171	96	9356	3.232	ug/L	99
34) Trichloroethene	9.098	95	91073	39.891	ug/L	94
35) Methylcyclohexane	9.342	83	3992	1.090	ug/L #	80
42) Toluene	10.402	91	316428	33.101	ug/L	96
46) Tetrachloroethene	10.854	164	106467566m	60046.181	ug/L	
51) Chlorobenzene	11.677	112	6794	1.059	ug/L	94
52) Ethylbenzene	11.744	91	55905	5.290	ug/L	97
53) m,p-Xylene	11.847	106	90215	21.735	ug/L	90
54) o-Xylene	12.170	106	57378	14.788	ug/L	86
60) Isopropylbenzene	12.463	105	1091402	64.225	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	527969	38.531	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	1149078	86.336	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	6218	0.725	ug/L #	56

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

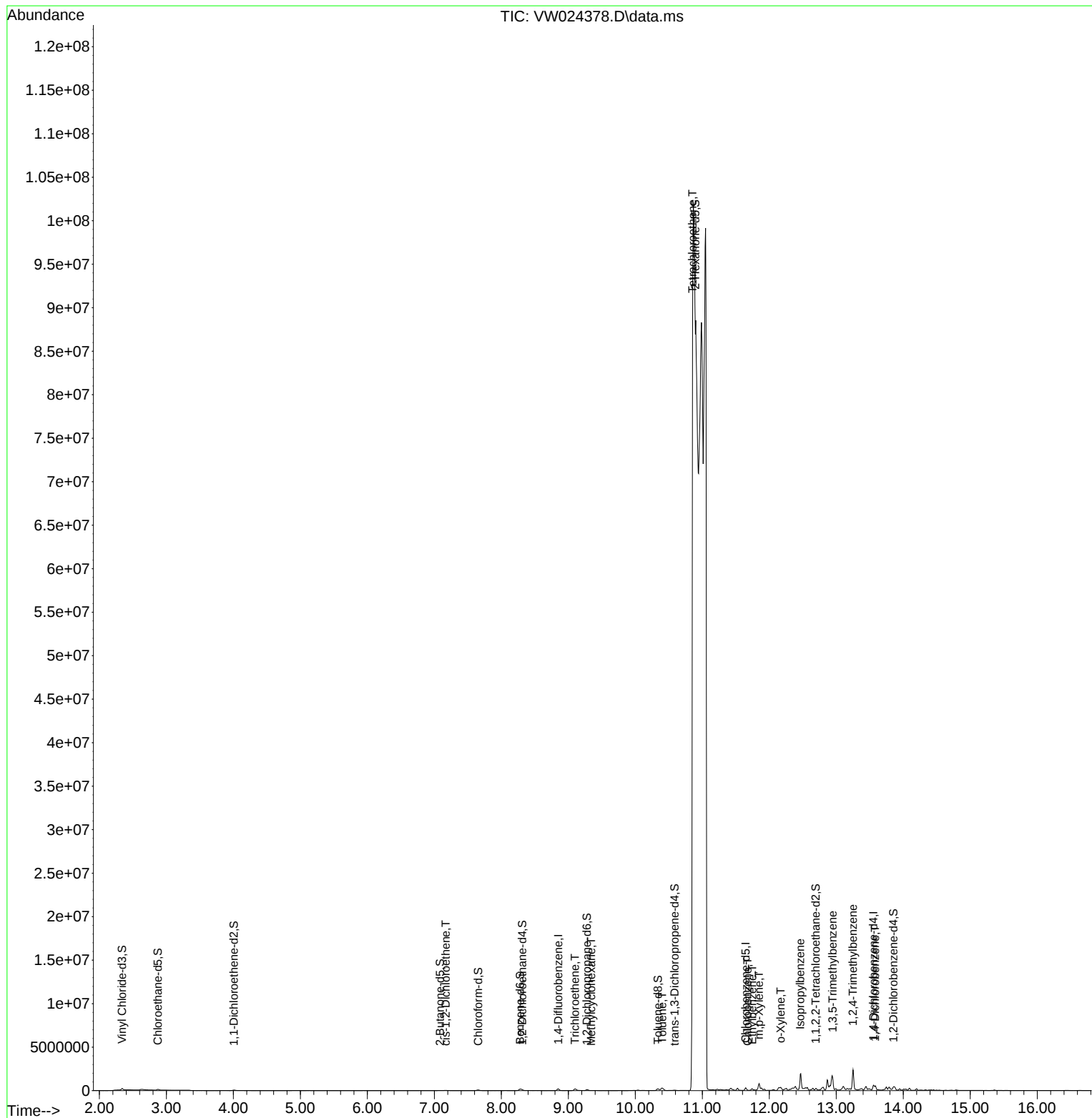
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024378.D
Acq On : 27 Aug 2022 04:31
Operator : SY/VA
Sample : N4345-02
Misc : 4.71g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

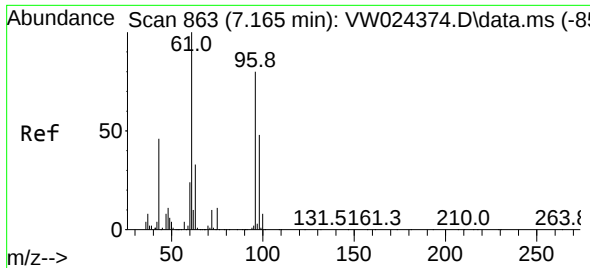
Instrument :
MSVOA_W
ClientSampleId :
DBVS2

Manual Integrations
APPROVED

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

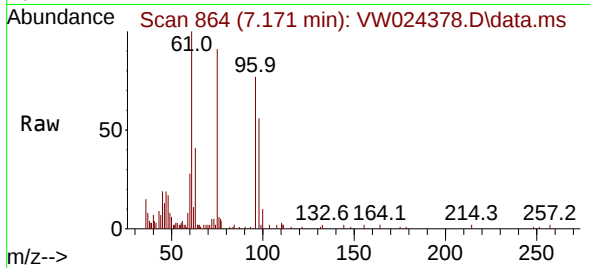
Quant Time: Aug 27 05:43:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Aug 27 02:57:08 2022
Response via : Initial Calibration





#20
cis-1,2-Dichloroethene
Concen: 3.232 ug/L
RT: 7.171 min Scan# 80
Delta R.T. 0.006 min
Lab File: VW024378.D
Acq: 27 Aug 2022 04:31

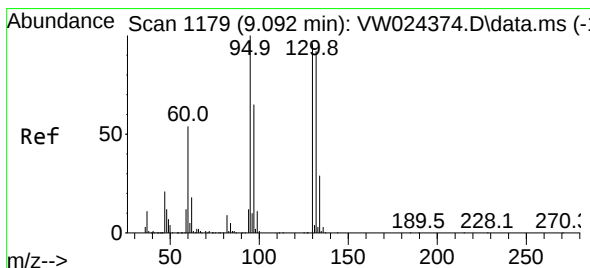
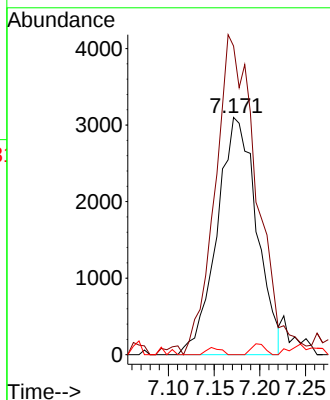
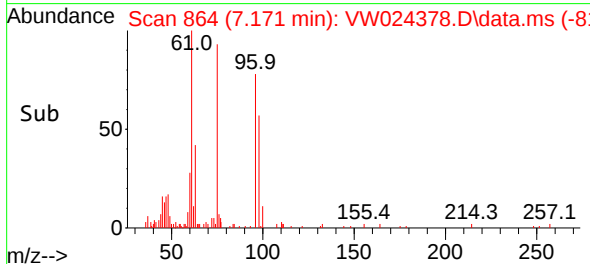
Instrument :
MSVOA_W
ClientSampleId :
DBVS2



Tgt Ion: 96 Resp: 9350
Ion Ratio Lower Upper
96 100
61 130.1 90.2 167.6
68 0.0 0.0 0.0

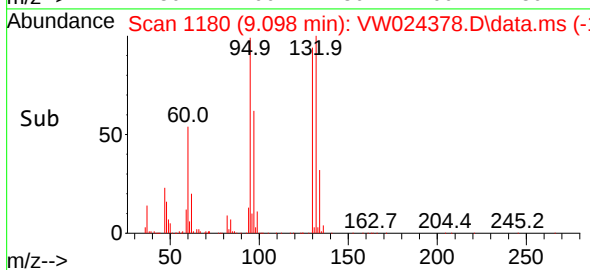
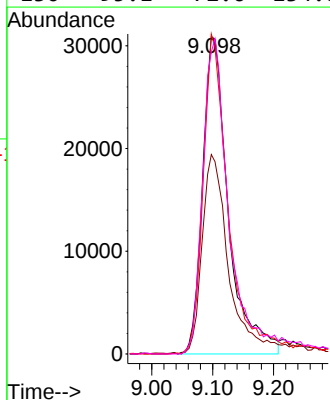
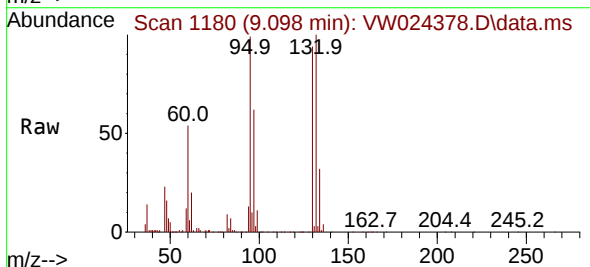
Manual Integrations
APPROVED

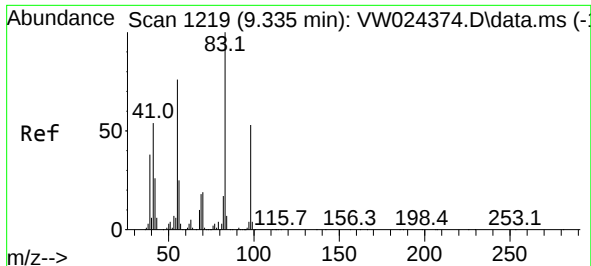
Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/30/2022



#34
Trichloroethene
Concen: 39.891 ug/L
RT: 9.098 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VW024378.D
Acq: 27 Aug 2022 04:31

Tgt Ion: 95 Resp: 91073
Ion Ratio Lower Upper
95 100
97 62.8 48.4 89.8
132 100.8 68.6 127.4
130 95.1 72.6 134.8





#35

Methylcyclohexane

Concen: 1.090 ug/L

RT: 9.342 min Scan# 1220

Delta R.T. 0.006 min

Lab File: VW024378.D

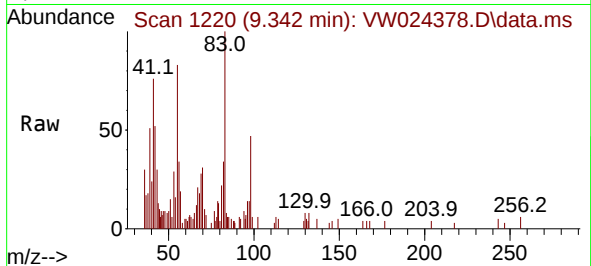
Acq: 27 Aug 2022 04:31

Instrument :

MSVOA_W

ClientSampleId :

DBVS2

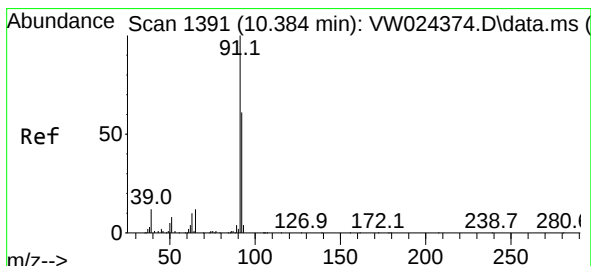
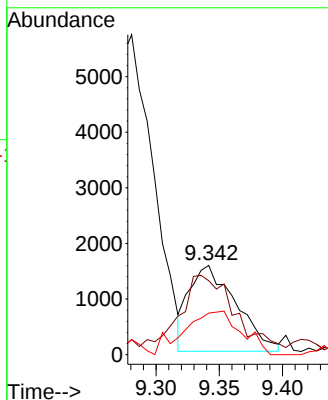
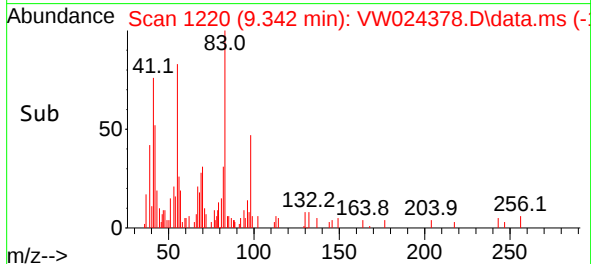


Tgt Ion:	83	Resp:	3992
Ion Ratio	Lower	Upper	
83	100		
55	61.4	60.1	90.1
98	32.4	40.5	60.7

Manual Integrations

APPROVED

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



#42

Toluene

Concen: 33.101 ug/L

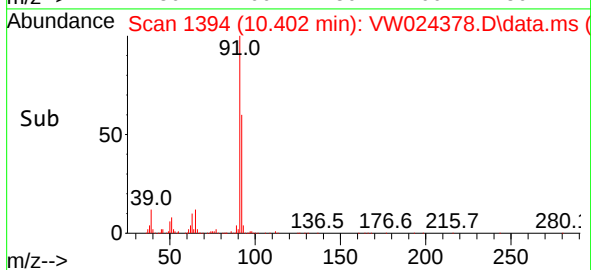
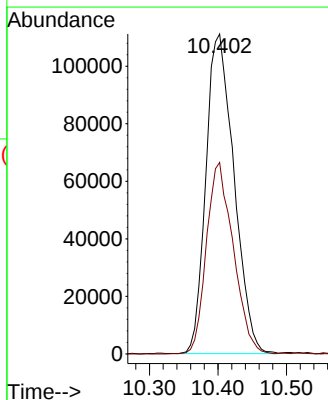
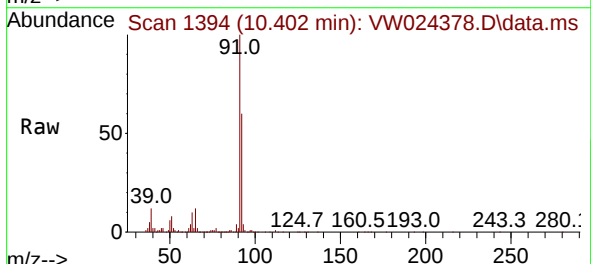
RT: 10.402 min Scan# 1394

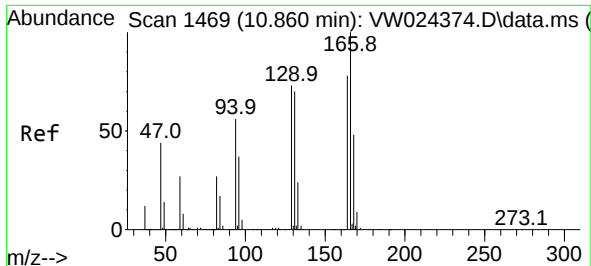
Delta R.T. 0.018 min

Lab File: VW024378.D

Acq: 27 Aug 2022 04:31

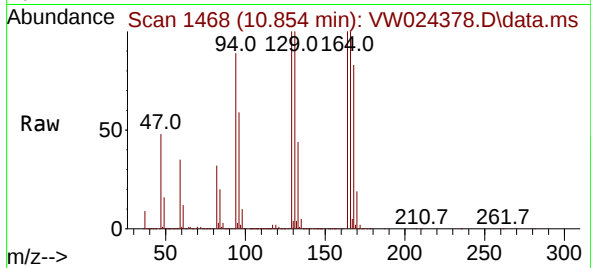
Tgt Ion:	91	Resp:	316428
Ion Ratio	Lower	Upper	
91	100		
92	59.9	40.0	74.4





#46
Tetrachloroethene
Concen: 60046.181 ug/L m
RT: 10.854 min Scan# 1468
Delta R.T. -0.006 min
Lab File: VW024378.D
Acq: 27 Aug 2022 04:31

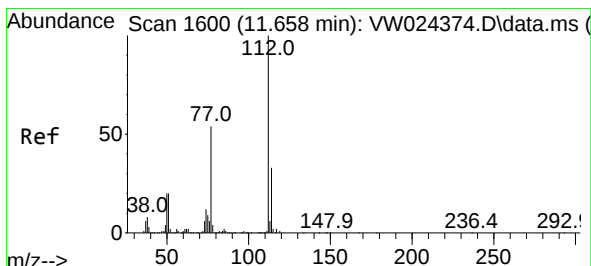
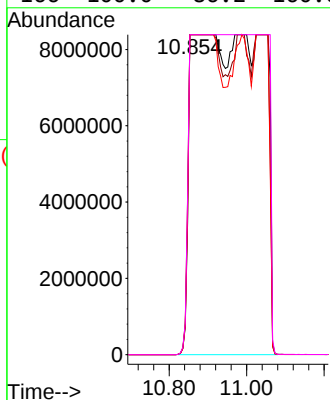
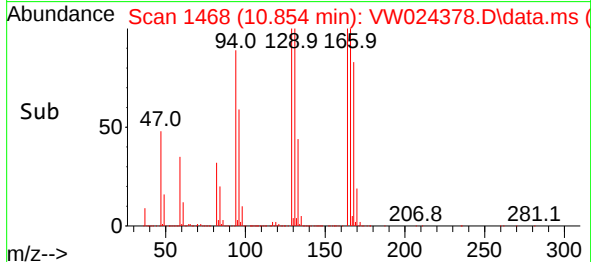
Instrument :
MSVOA_W
ClientSampleId :
DBVS2



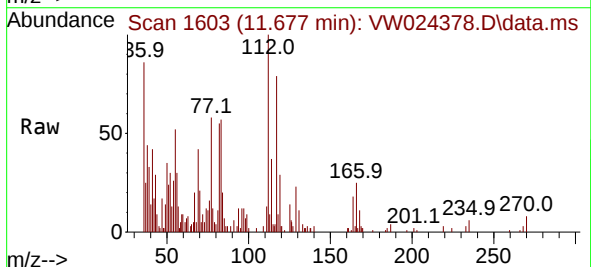
Tgt Ion:164 Resp:10646750
Ion Ratio Lower Upper
164 100
129 100.0 72.9 135.3
131 100.0 63.7 118.3
166 100.0 86.2 160.0

Manual Integrations
APPROVED

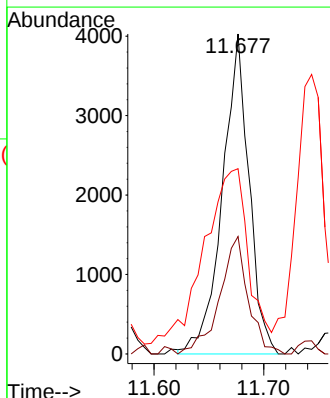
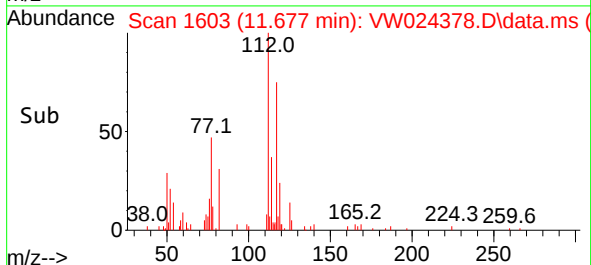
Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/30/2022

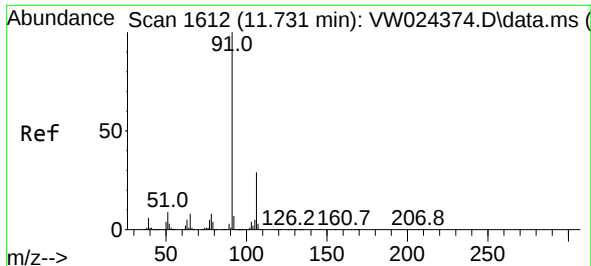


#51
Chlorobenzene
Concen: 1.059 ug/L
RT: 11.677 min Scan# 1603
Delta R.T. 0.018 min
Lab File: VW024378.D
Acq: 27 Aug 2022 04:31



Tgt Ion:112 Resp: 6794
Ion Ratio Lower Upper
112 100
114 36.7 22.3 41.3
77 57.9 44.1 66.1





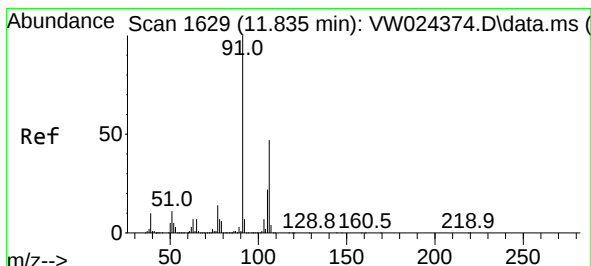
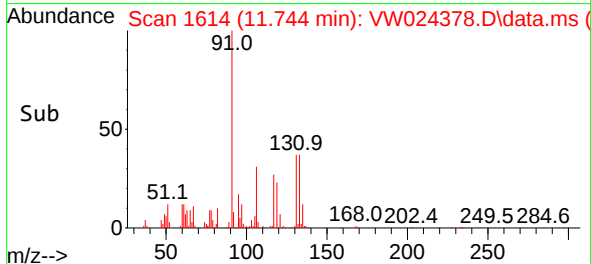
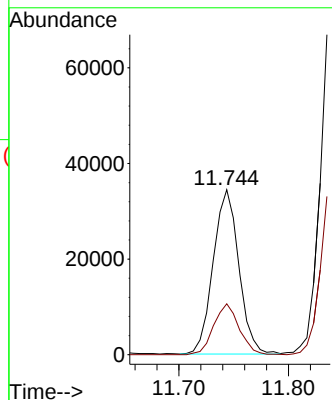
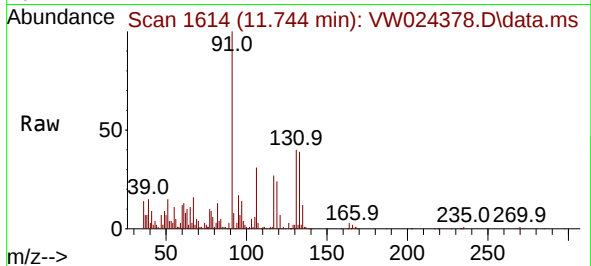
#52
Ethylbenzene
Concen: 5.290 ug/L
RT: 11.744 min Scan# 1612
Delta R.T. 0.012 min
Lab File: VW024378.D
Acq: 27 Aug 2022 04:31

Instrument :
MSVOA_W
ClientSampleId :
DBVS2

Tgt Ion: 91 Resp: 5590
Ion Ratio Lower Upper
91 100
106 30.8 22.7 42.3

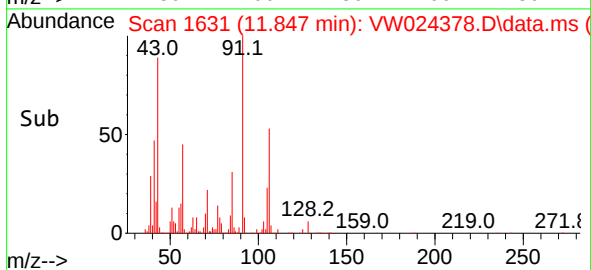
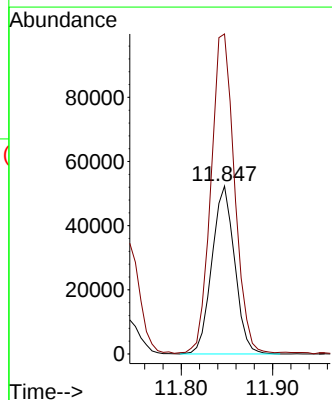
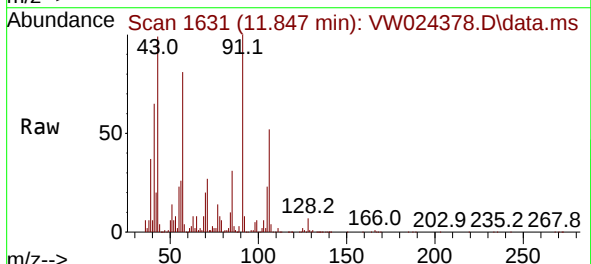
Manual Integrations
APPROVED

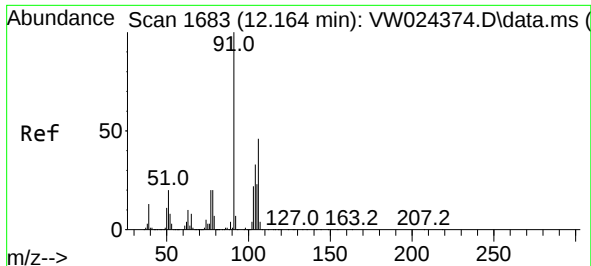
Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/30/2022



#53
m,p-Xylene
Concen: 21.735 ug/L
RT: 11.847 min Scan# 1631
Delta R.T. 0.012 min
Lab File: VW024378.D
Acq: 27 Aug 2022 04:31

Tgt Ion:106 Resp: 90215
Ion Ratio Lower Upper
106 100
91 190.6 144.3 267.9





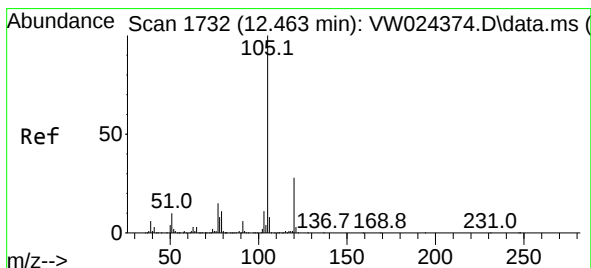
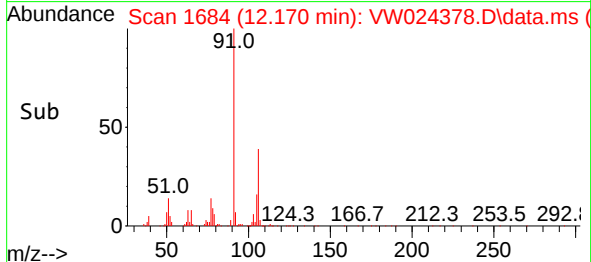
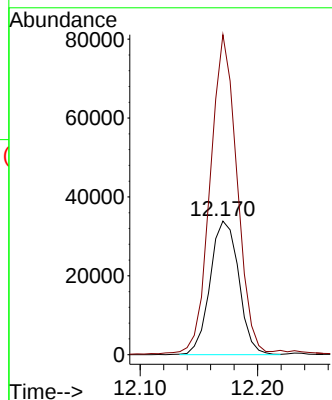
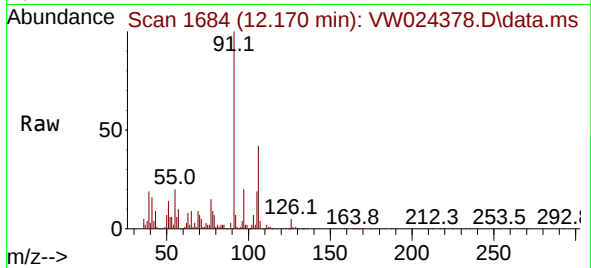
#54
o-Xylene
Concen: 14.788 ug/L
RT: 12.170 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VW024378.D
Acq: 27 Aug 2022 04:31

Instrument :
MSVOA_W
ClientSampleId :
DBVS2

Tgt Ion:106 Resp: 57378
Ion Ratio Lower Upper
106 100
91 239.5 152.1 282.5

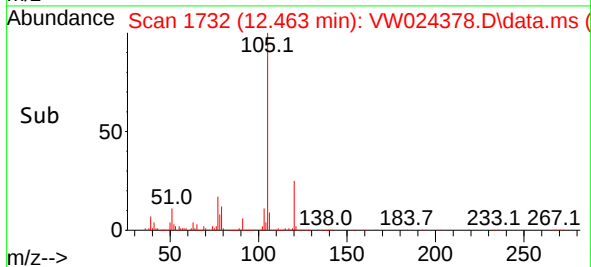
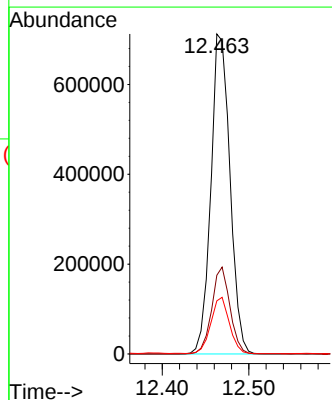
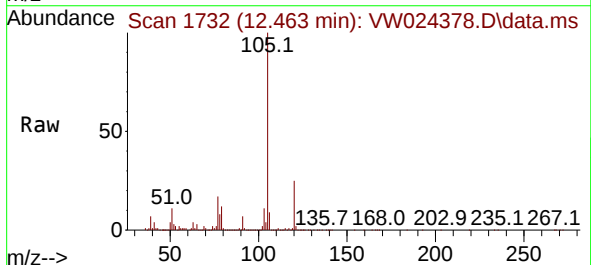
Manual Integrations
APPROVED

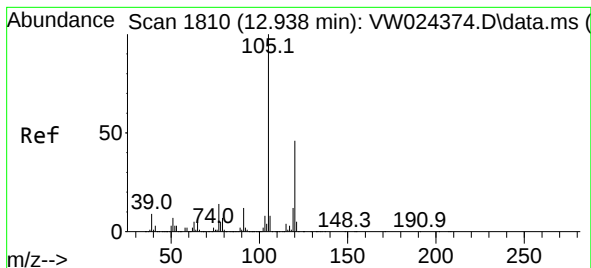
Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/30/2022



#60
Isopropylbenzene
Concen: 64.225 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024378.D
Acq: 27 Aug 2022 04:31

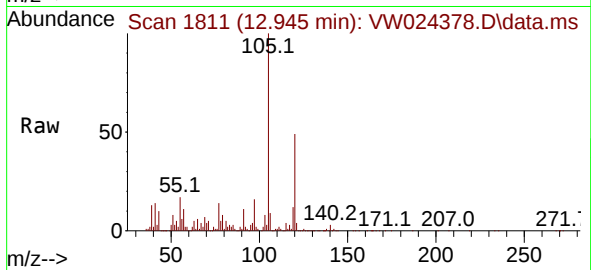
Tgt Ion:105 Resp: 1091402
Ion Ratio Lower Upper
105 100
120 25.9 21.4 32.0
77 17.1 13.0 19.6





#62
1,3,5-Trimethylbenzene
Concen: 38.531 ug/L
RT: 12.945 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VW024378.D
Acq: 27 Aug 2022 04:31

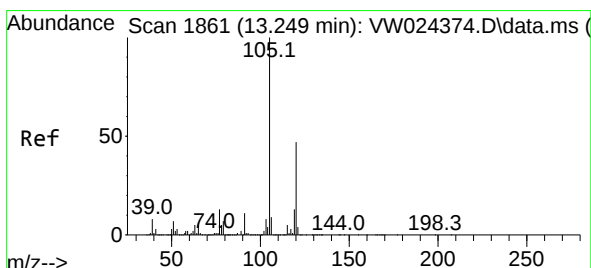
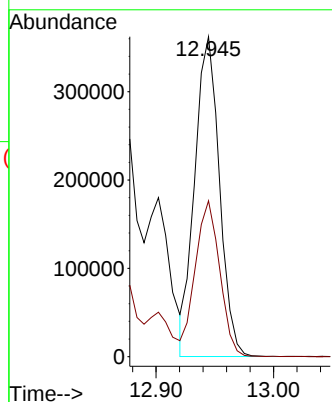
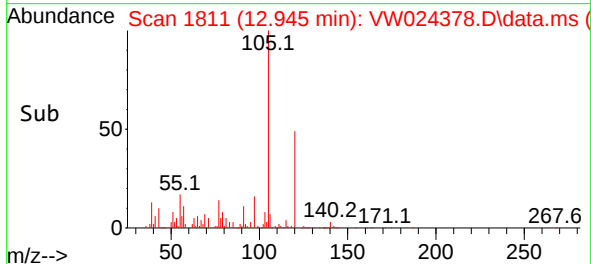
Instrument :
MSVOA_W
ClientSampleId :
DBVS2



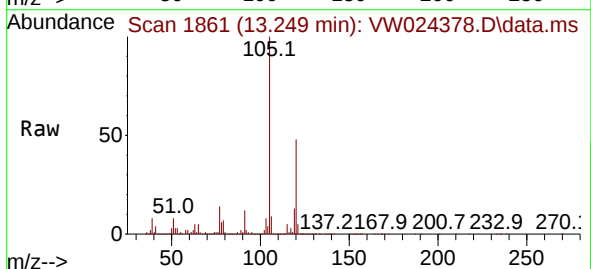
Tgt Ion:105 Resp: 527969
Ion Ratio Lower Upper
105 100
120 48.4 38.4 57.6

Manual Integrations
APPROVED

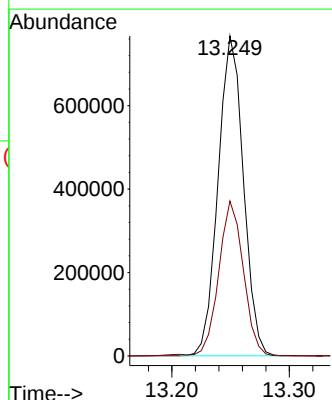
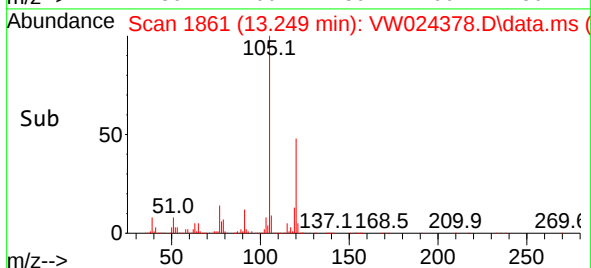
Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/30/2022

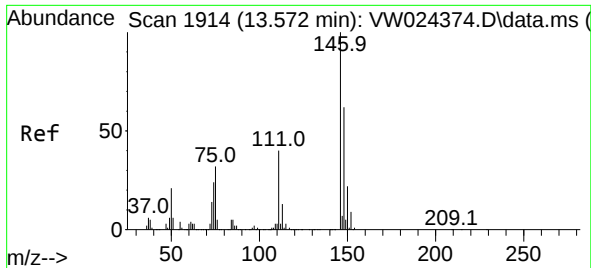


#63
1,2,4-Trimethylbenzene
Concen: 86.336 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW024378.D
Acq: 27 Aug 2022 04:31



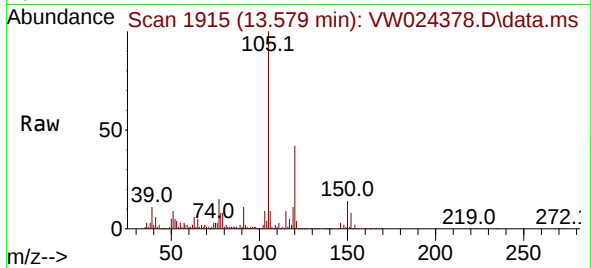
Tgt Ion:105 Resp: 1149078
Ion Ratio Lower Upper
105 100
120 46.9 36.2 54.2





#65
 1,4-Dichlorobenzene
 Concen: 0.725 ug/L
 RT: 13.579 min Scan# 1915
 Delta R.T. 0.006 min
 Lab File: VW024378.D
 Acq: 27 Aug 2022 04:31

Instrument :
 MSVOA_W
 ClientSampleId :
 DBVS2



Tgt Ion	Ratio	Lower	Upper
146	100		
111	94.9	27.7	51.5
148	80.3	46.5	86.5

Manual Integrations
 APPROVED

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

