

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102023\
 Data File : VW027377.D
 Acq On : 20 Oct 2023 16:34
 Operator : SY/MD
 Sample : 04922-03
 Misc : 5.98g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EOAQ9

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2023
 Supervised By :Mahesh Dadoda 10/24/2023

Quant Time: Oct 21 04:30:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Oct 21 04:25:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	374780	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	256456	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	81907	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	106318	18.588	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	74.360%		
7) Chloroethane-d5	2.899	69	81950	19.954	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	79.800%		
11) 1,1-Dichloroethene-d2	4.027	65	48386	16.883	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	67.520%		
21) 2-Butanone-d5	7.081	46	121776	64.055	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	128.120%		
24) Chloroform-d	7.654	84	212328	19.008	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	76.040%		
26) 1,2-Dichloroethane-d4	8.306	65	130399m	21.732	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	86.920%		
32) Benzene-d6	8.276	84	417922	24.086	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	96.360%		
36) 1,2-Dichloropropane-d6	9.276	67	145144	27.387	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	109.560%		
41) Toluene-d8	10.324	98	290994	18.494	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	73.960%		
43) trans-1,3-Dichloroprop...	10.574	79	46166	19.106	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	76.440%		
47) 2-Hexanone-d5	10.922	63	88914	81.090	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	162.180%#		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	113450	28.692	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	114.760%		
66) 1,2-Dichlorobenzene-d4	13.848	152	47238	15.915	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	63.640%#		
Target Compounds					Qvalue	
13) Acetone	4.136	43	39956	24.334	ug/L	97
16) Methylene chloride	4.923	84	15857	2.311	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	6824	0.749	ug/L #	68
22) 2-Butanone	7.179	43	16633	6.768	ug/L	98
29) Cyclohexane	7.953	56	11136	1.430	ug/L	92
33) Benzene	8.325	78	132301	7.894	ug/L	100
35) Methylcyclohexane	9.337	83	26574	3.357	ug/L #	73
42) Toluene	10.385	91	34743	1.976	ug/L	97
51) Chlorobenzene	11.653	112	6841	0.621	ug/L	89
52) Ethylbenzene	11.726	91	34054	1.667	ug/L	99
53) m,p-Xylene	11.836	106	270447	34.899	ug/L	97
54) o-Xylene	12.159	106	312283	42.081	ug/L	96
60) Isopropylbenzene	12.458	105	75358	5.857	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	94434	8.798	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	171726	16.353	ug/L	100
64) 1,3-Dichlorobenzene	13.501	146	2998	0.575	ug/L #	44
65) 1,4-Dichlorobenzene	13.574	146	8134	1.561	ug/L #	76
67) 1,2-Dichlorobenzene	13.866	146	75654	16.340	ug/L	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102023\
Data File : VW027377.D
Acq On : 20 Oct 2023 16:34
Operator : SY/MD
Sample : 04922-03
Misc : 5.98g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EOAQ9

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2023
Supervised By :Mahesh Dadoda 10/24/2023

Quant Time: Oct 21 04:30:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Oct 21 04:25:20 2023
Response via : Initial Calibration

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

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

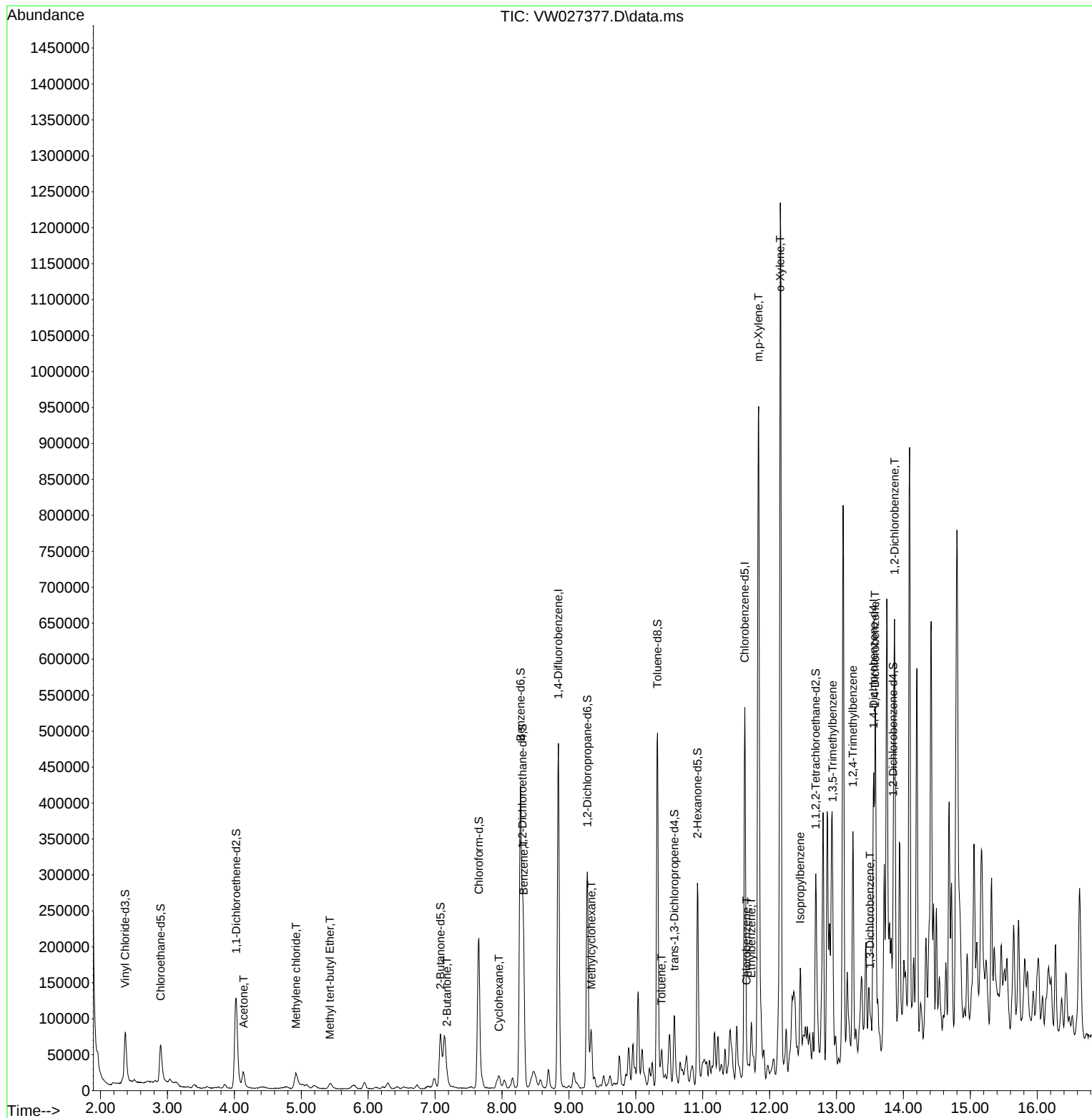
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102023\
Data File : VW027377.D
Acq On : 20 Oct 2023 16:34
Operator : SY/MD
Sample : 04922-03
Misc : 5.98g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

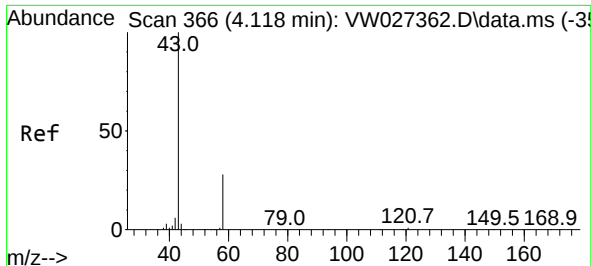
Instrument :
MSVOA_W
ClientSampleId :
EOAQ9

Quant Time: Oct 21 04:30:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Oct 21 04:25:20 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2023
Supervised By :Mahesh Dadoda 10/24/2023





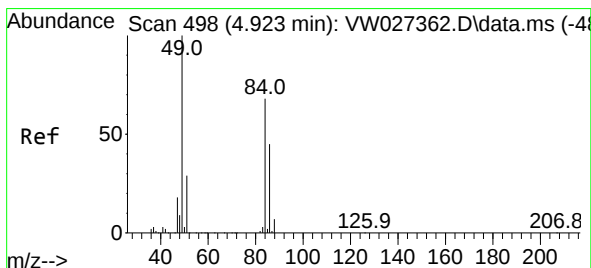
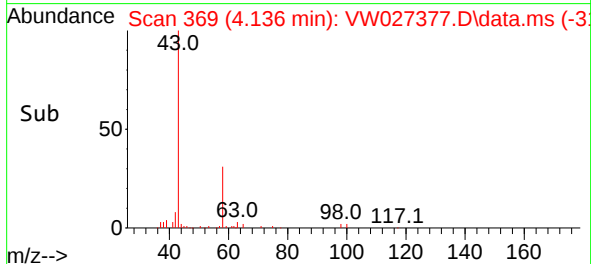
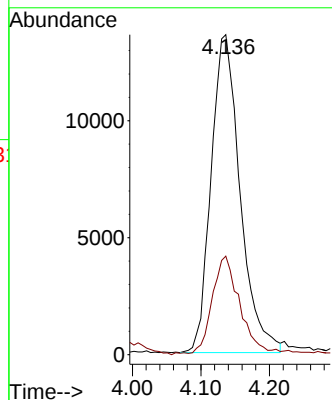
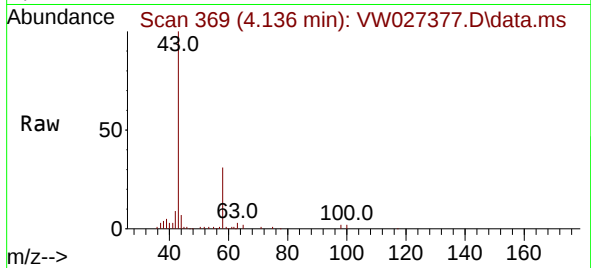
#13
Acetone
Concen: 24.334 ug/L
RT: 4.136 min Scan# 369
Delta R.T. 0.018 min
Lab File: VW027377.D
Acq: 20 Oct 2023 16:34

Instrument :
MSVOA_W
ClientSampleId :
EOAQ9

Tgt Ion: 43 Resp: 3995
Ion Ratio Lower Upper
43 100
58 28.8 0.0 60.8

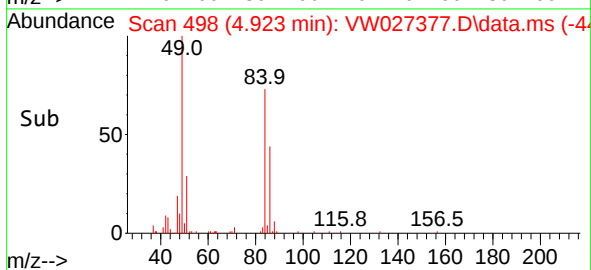
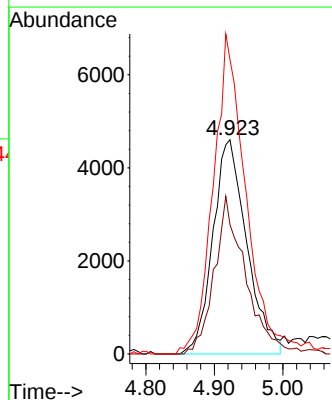
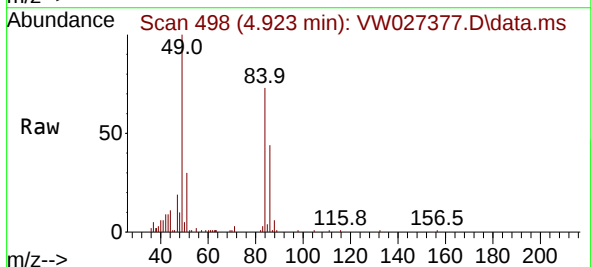
Manual Integrations
APPROVED

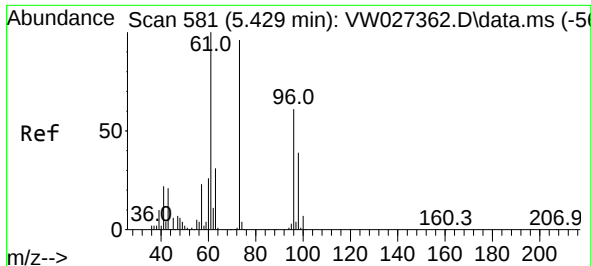
Reviewed By :Semsettin Yesilyurt 10/21/2023
Supervised By :Mahesh Dadoda 10/24/2023



#16
Methylene chloride
Concen: 2.311 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW027377.D
Acq: 20 Oct 2023 16:34

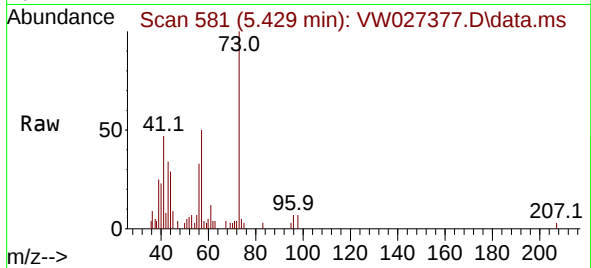
Tgt Ion: 84 Resp: 15857
Ion Ratio Lower Upper
84 100
86 60.4 41.3 76.7
49 137.5 92.8 172.4





#18
Methyl tert-butyl Ether
Concen: 0.749 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW027377.D
Acq: 20 Oct 2023 16:34

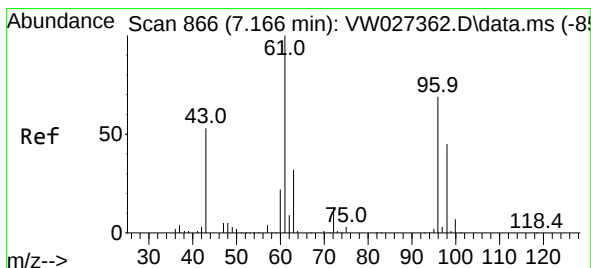
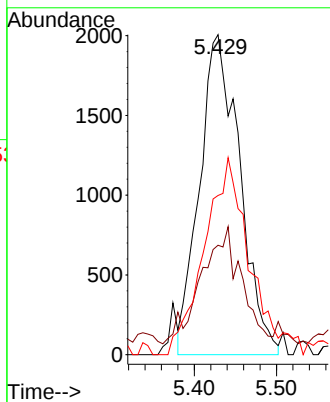
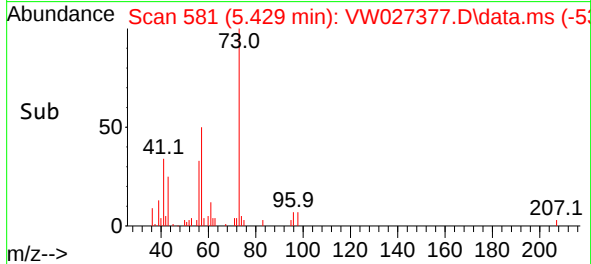
Instrument :
MSVOA_W
ClientSampleId :
EOAQ9



Tgt Ion: 73 Resp: 6824
Ion Ratio Lower Upper
73 100
43 14.9 17.7 26.5
57 0.0 18.5 27.7

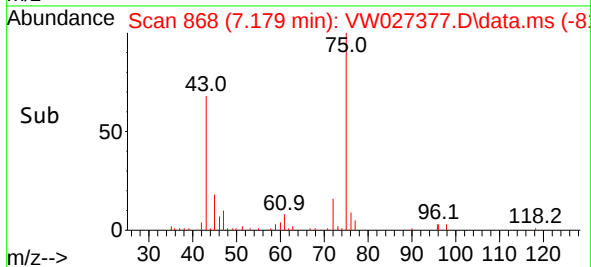
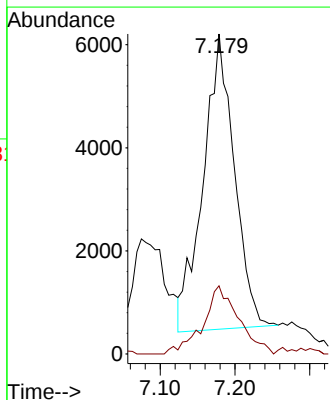
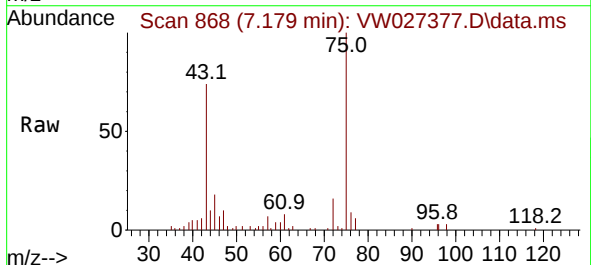
Manual Integrations
APPROVED

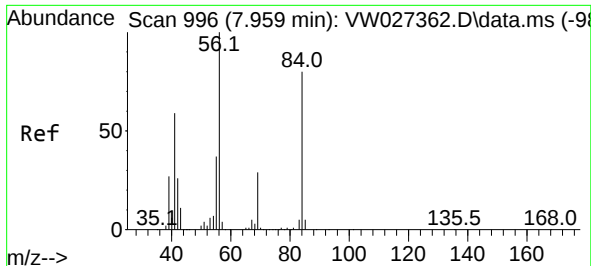
Reviewed By :Semsettin Yesilyurt 10/21/2023
Supervised By :Mahesh Dadoda 10/24/2023



#22
2-Butanone
Concen: 6.768 ug/L
RT: 7.179 min Scan# 868
Delta R.T. 0.012 min
Lab File: VW027377.D
Acq: 20 Oct 2023 16:34

Tgt Ion: 43 Resp: 16633
Ion Ratio Lower Upper
43 100
72 25.5 12.3 36.8





#29

Cyclohexane

Concen: 1.430 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

Lab File: VW027377.D

Acq: 20 Oct 2023 16:34

Instrument :

MSVOA_W

ClientSampleId :

EOAQ9

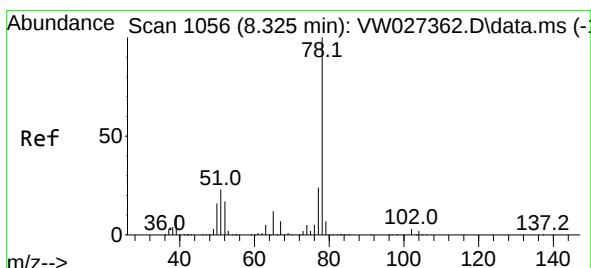
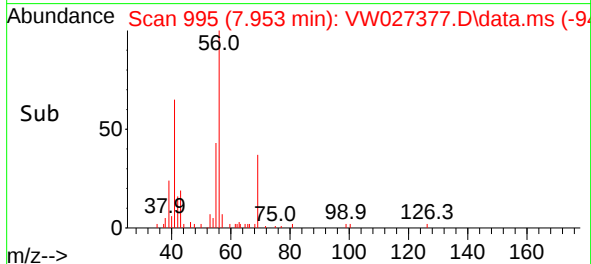
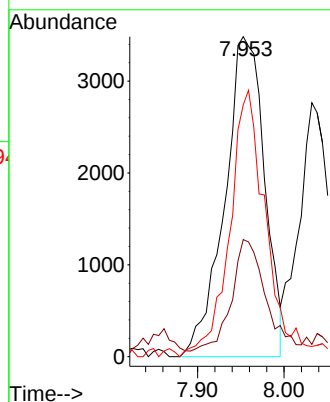
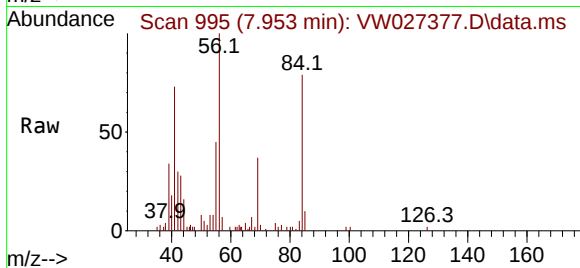
Tgt Ion: 56 Resp: 11130

Ion	Ratio	Lower	Upper
56	100		
69	31.0	24.2	36.4
84	72.6	65.1	97.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2023
Supervised By :Mahesh Dadoda 10/24/2023



#33

Benzene

Concen: 7.894 ug/L

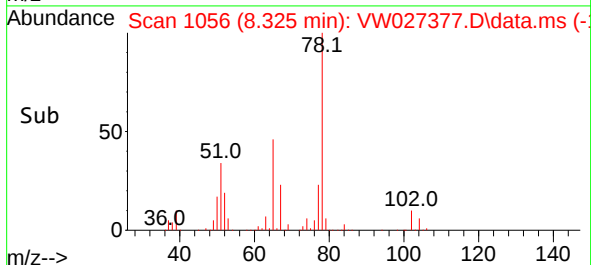
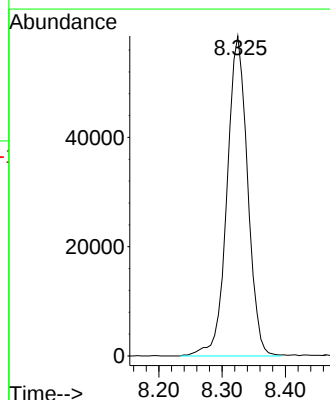
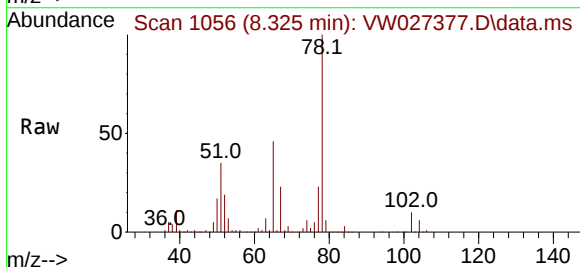
RT: 8.325 min Scan# 1056

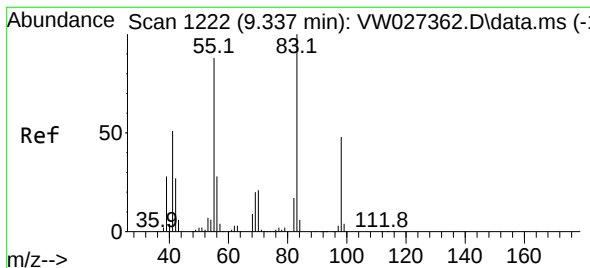
Delta R.T. 0.000 min

Lab File: VW027377.D

Acq: 20 Oct 2023 16:34

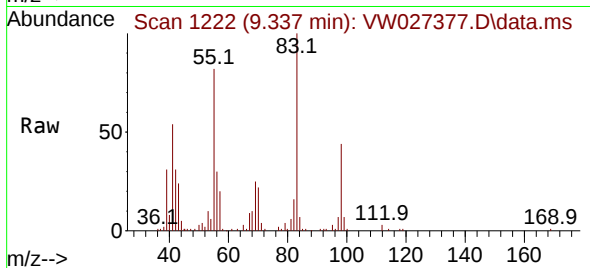
Tgt Ion: 78 Resp: 132301





#35
Methylcyclohexane
Concen: 3.357 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW027377.D
Acq: 20 Oct 2023 16:34

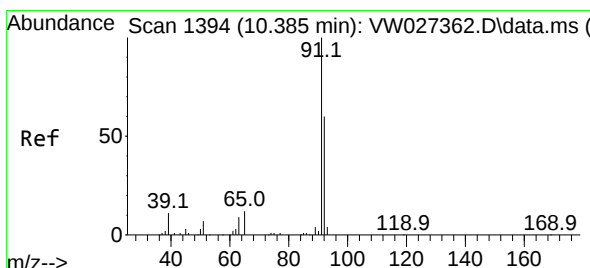
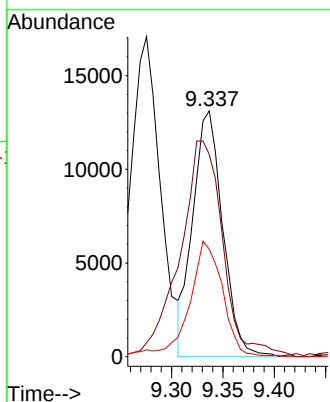
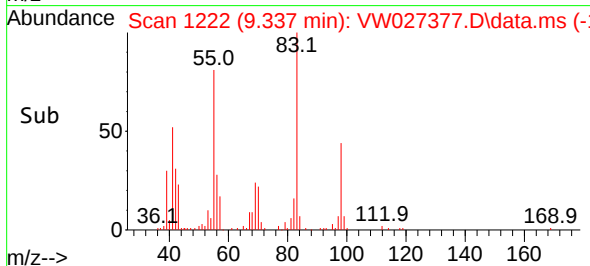
Instrument :
MSVOA_W
ClientSampleId :
EOAQ9



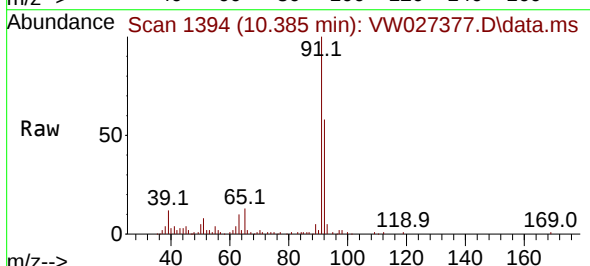
Tgt Ion: 83 Resp: 26574
Ion Ratio Lower Upper
83 100
55 118.9 65.8 98.8
98 49.6 38.1 57.1

Manual Integrations
APPROVED

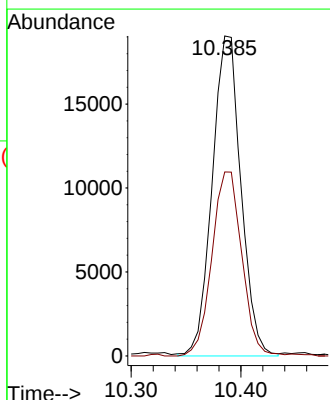
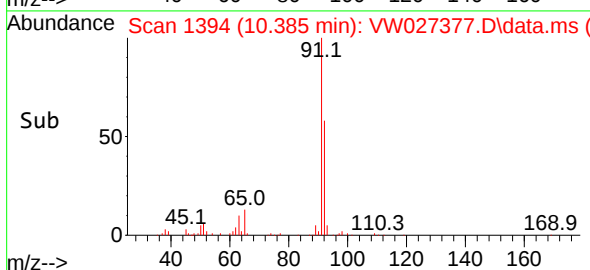
Reviewed By :Semsettin Yesilyurt 10/21/2023
Supervised By :Mahesh Dadoda 10/24/2023

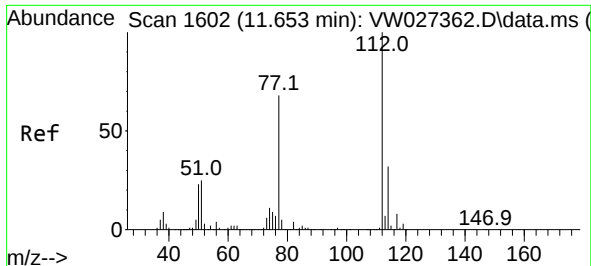


#42
Toluene
Concen: 1.976 ug/L
RT: 10.385 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW027377.D
Acq: 20 Oct 2023 16:34



Tgt Ion: 91 Resp: 34743
Ion Ratio Lower Upper
91 100
92 57.5 42.1 78.1





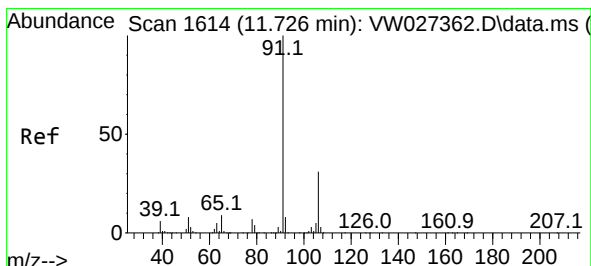
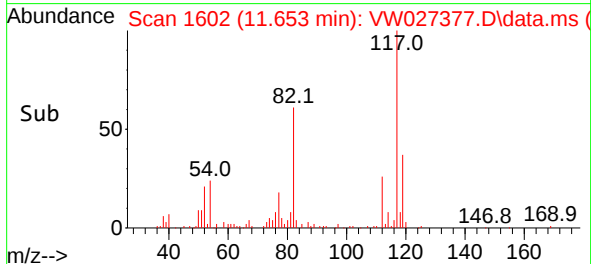
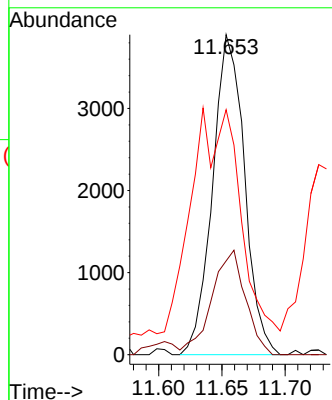
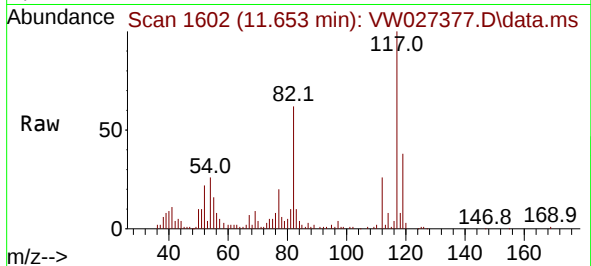
#51
Chlorobenzene
Concen: 0.621 ug/L
RT: 11.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027377.D
Acq: 20 Oct 2023 16:34

Instrument :
MSVOA_W
ClientSampleId :
EOAQ9

Tgt Ion:112 Resp: 684
Ion Ratio Lower Upper
112 100
114 29.3 21.8 40.6
77 76.6 52.2 78.4

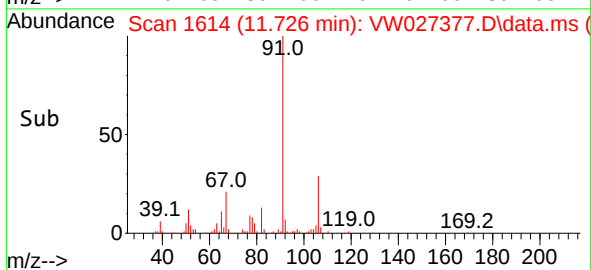
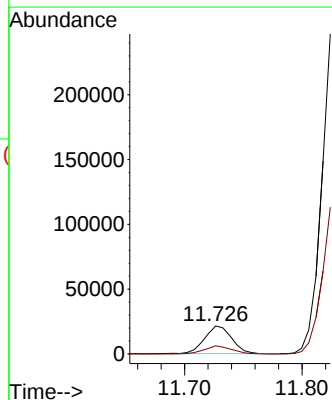
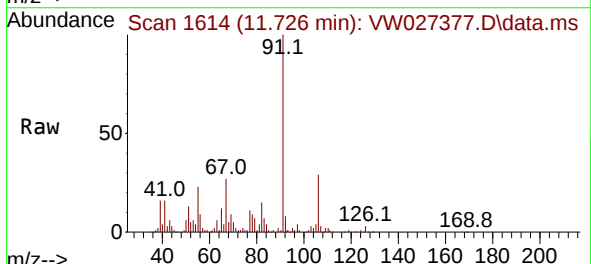
Manual Integrations
APPROVED

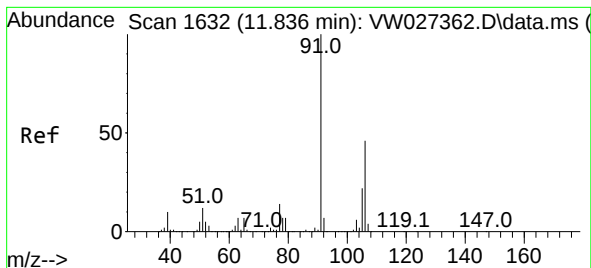
Reviewed By :Semsettin Yesilyurt 10/21/2023
Supervised By :Mahesh Dadoda 10/24/2023



#52
Ethylbenzene
Concen: 1.667 ug/L
RT: 11.726 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027377.D
Acq: 20 Oct 2023 16:34

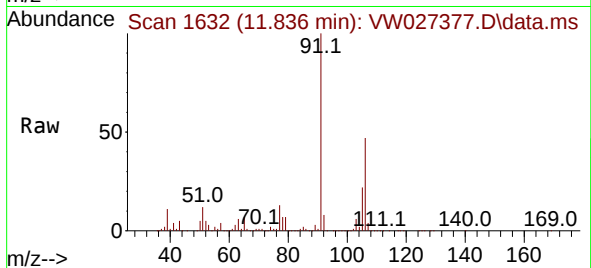
Tgt Ion: 91 Resp: 34054
Ion Ratio Lower Upper
91 100
106 29.1 19.8 36.8





#53
m,p-Xylene
Concen: 34.899 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027377.D
Acq: 20 Oct 2023 16:34

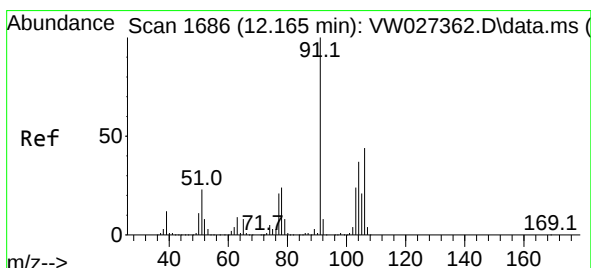
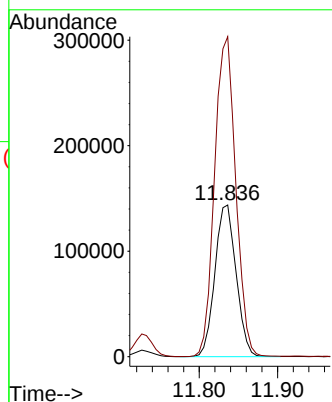
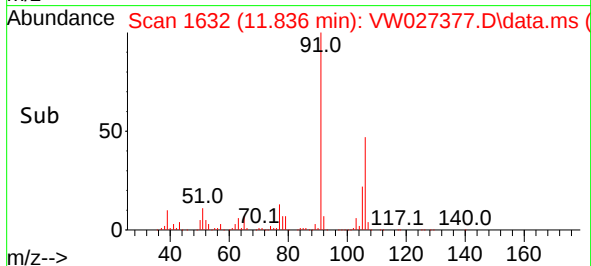
Instrument :
MSVOA_W
ClientSampleId :
EOAQ9



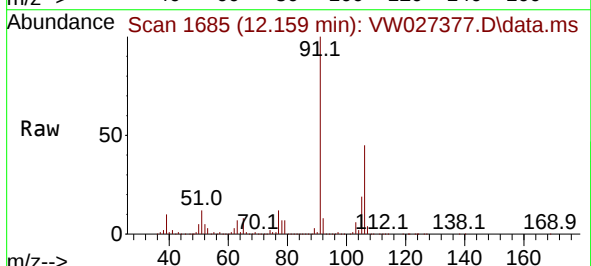
Tgt Ion:106 Resp: 27044
Ion Ratio Lower Upper
106 100
91 210.9 144.5 268.4

Manual Integrations
APPROVED

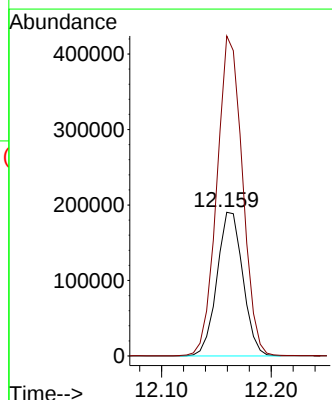
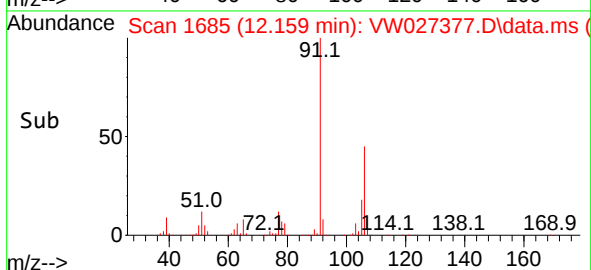
Reviewed By :Semsettin Yesilyurt 10/21/2023
Supervised By :Mahesh Dadoda 10/24/2023

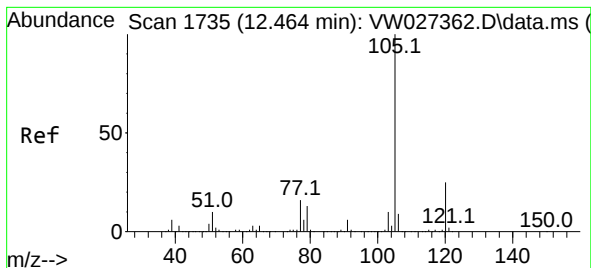


#54
o-Xylene
Concen: 42.081 ug/L
RT: 12.159 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW027377.D
Acq: 20 Oct 2023 16:34



Tgt Ion:106 Resp: 312283
Ion Ratio Lower Upper
106 100
91 222.8 152.0 282.2





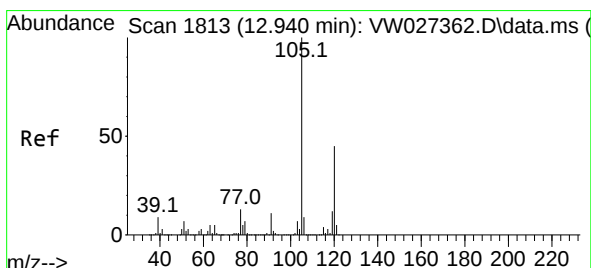
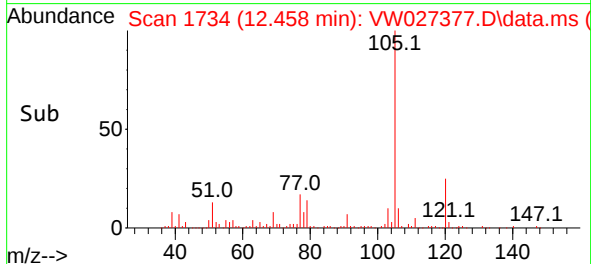
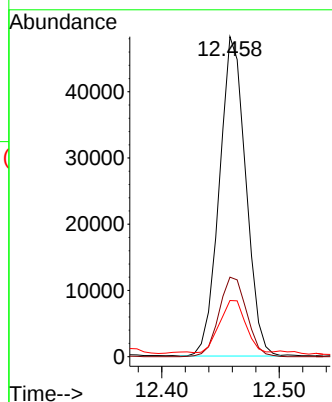
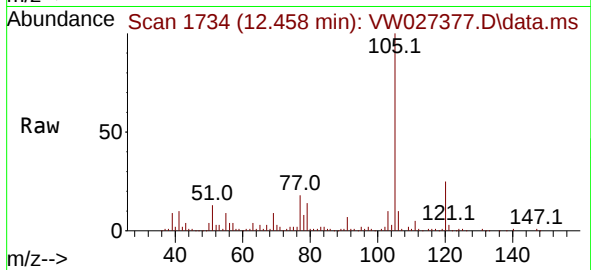
#60
Isopropylbenzene
Concen: 5.857 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW027377.D
Acq: 20 Oct 2023 16:34

Instrument :
MSVOA_W
ClientSampleId :
EOAQ9

Tgt Ion:105 Resp: 75358
Ion Ratio Lower Upper
105 100
120 26.0 20.1 30.1
77 17.0 12.9 19.3

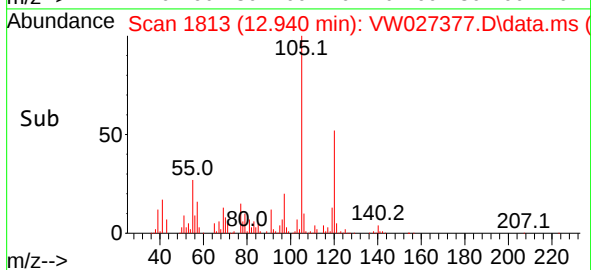
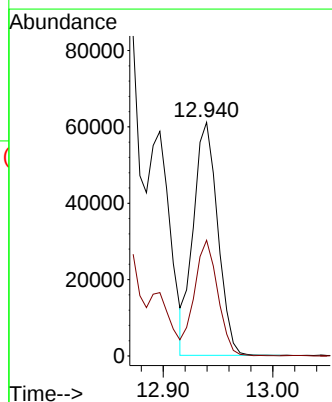
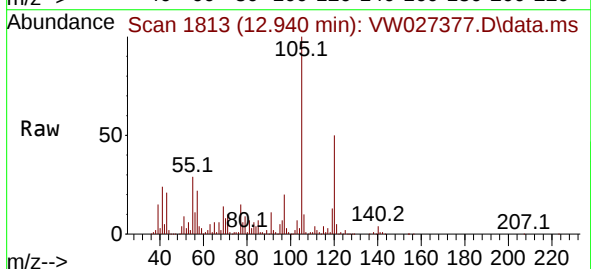
Manual Integrations
APPROVED

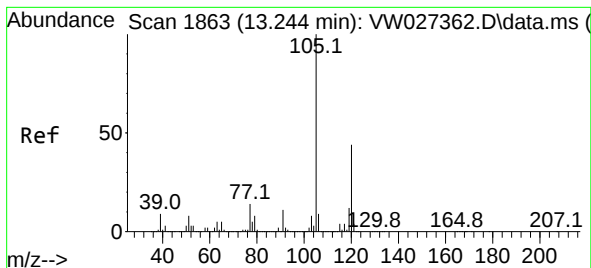
Reviewed By :Semsettin Yesilyurt 10/21/2023
Supervised By :Mahesh Dadoda 10/24/2023



#62
1,3,5-Trimethylbenzene
Concen: 8.798 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW027377.D
Acq: 20 Oct 2023 16:34

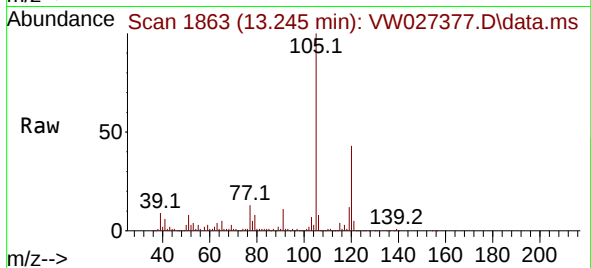
Tgt Ion:105 Resp: 94434
Ion Ratio Lower Upper
105 100
120 47.5 38.8 58.2





#63
1,2,4-Trimethylbenzene
Concen: 16.353 ug/L
RT: 13.245 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027377.D
Acq: 20 Oct 2023 16:34

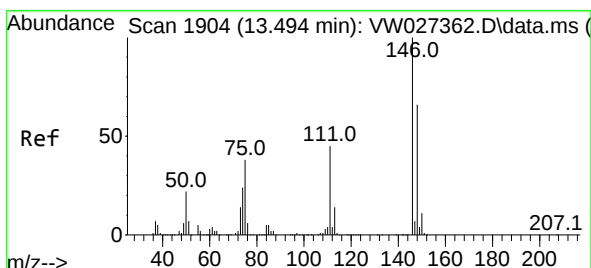
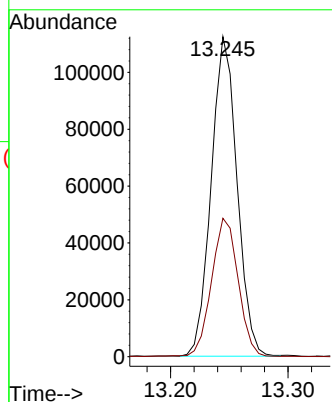
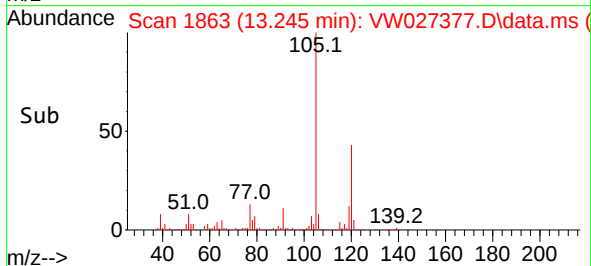
Instrument :
MSVOA_W
ClientSampleId :
EOAQ9



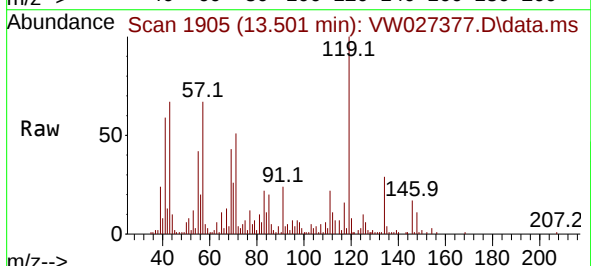
Tgt Ion:105 Resp: 171720
Ion Ratio Lower Upper
105 100
120 44.5 35.4 53.2

Manual Integrations
APPROVED

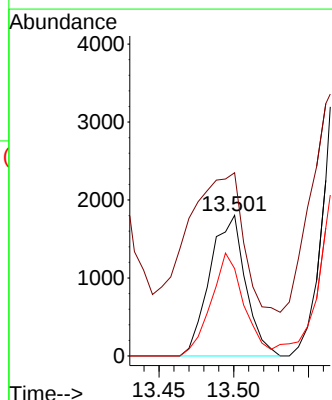
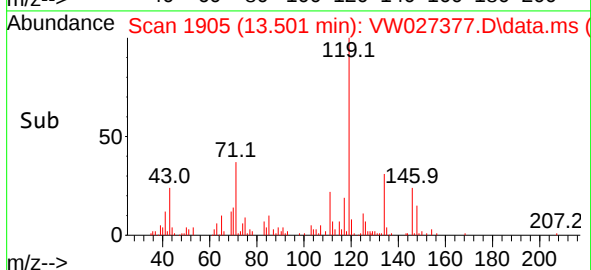
Reviewed By :Semsettin Yesilyurt 10/21/2023
Supervised By :Mahesh Dadoda 10/24/2023

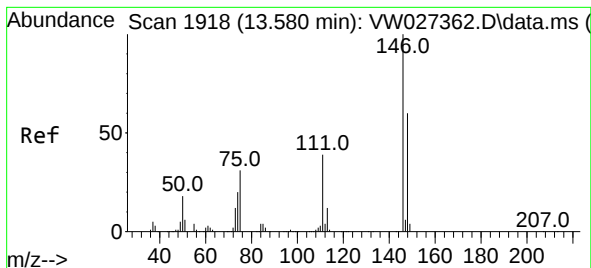


#64
1,3-Dichlorobenzene
Concen: 0.575 ug/L
RT: 13.501 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VW027377.D
Acq: 20 Oct 2023 16:34



Tgt Ion:146 Resp: 2998
Ion Ratio Lower Upper
146 100
111 130.3 30.8 57.2#
148 62.1 46.3 85.9





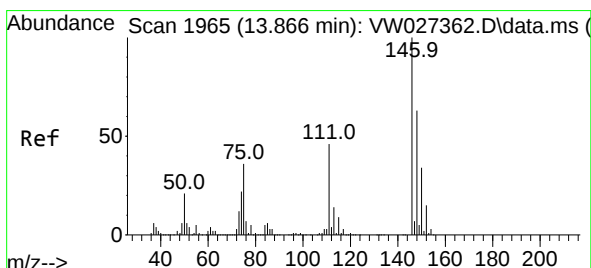
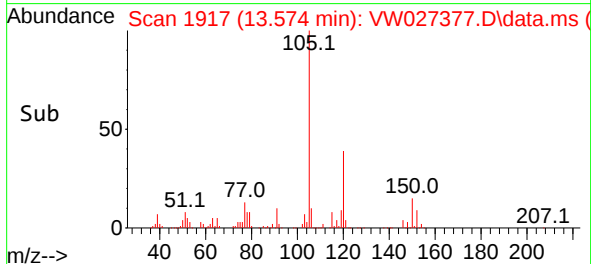
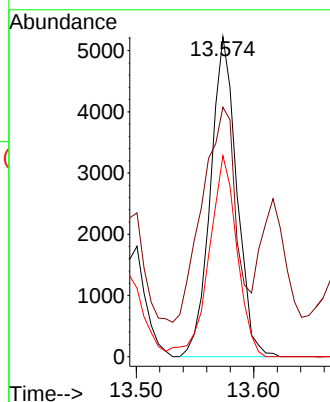
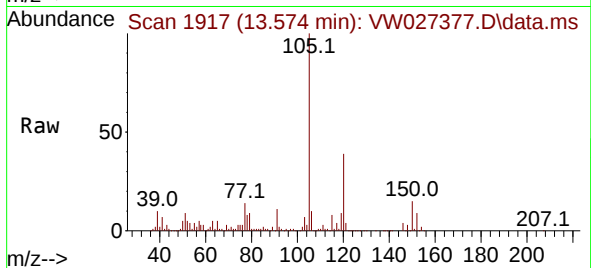
#65
1,4-Dichlorobenzene
Concen: 1.561 ug/L
RT: 13.574 min Scan# 1918
Delta R.T. -0.006 min
Lab File: VW027377.D
Acq: 20 Oct 2023 16:34

Instrument :
MSVOA_W
ClientSampleId :
EOAQ9

Tgt Ion:146 Resp: 8134
Ion Ratio Lower Upper
146 100
111 78.0 29.5 54.9
148 62.8 43.0 79.8

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2023
Supervised By :Mahesh Dadoda 10/24/2023



#67
1,2-Dichlorobenzene
Concen: 16.340 ug/L
RT: 13.866 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW027377.D
Acq: 20 Oct 2023 16:34

Tgt Ion:146 Resp: 75654
Ion Ratio Lower Upper
146 100
111 52.1 36.8 55.2
148 66.9 52.3 78.5

