

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
 Data File : VW026501.D
 Acq On : 01 Jul 2023 03:36
 Operator : SY/MD
 Sample : 03501-04
 Misc : 4.52g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46W1

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/03/2023
 Supervised By : Mahesh Dadoda 07/07/2023

Quant Time: Jul 03 01:15:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 01 01:41:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	894824	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	925384	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	269290	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	188045	18.457	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.840%
7) Chloroethane-d5	2.893	69	197565m	23.814	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.240%
11) 1,1-Dichloroethene-d2	4.021	65	88626	17.385	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.560%
21) 2-Butanone-d5	7.075	46	143418	37.247	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.500%
24) Chloroform-d	7.648	84	419663	19.241	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.960%
26) 1,2-Dichloroethane-d4	8.307	65	252893	21.213	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.840%
32) Benzene-d6	8.276	84	819497	15.227	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	60.920%
36) 1,2-Dichloropropane-d6	9.276	67	266474	15.535	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	62.160%#
41) Toluene-d8	10.325	98	871022	18.322	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.280%
43) trans-1,3-Dichloroprop...	10.575	79	103373	14.951	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	59.800%
47) 2-Hexanone-d5	10.922	63	125076	43.602	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.200%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	225558	17.031	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	68.120%
66) 1,2-Dichlorobenzene-d4	13.854	152	170109	18.142	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	72.560%#
Target Compounds						Qvalue
5) Vinyl chloride	2.369	62	196819	15.515	ug/L	99
8) Chloroethane	2.930	64	243725	31.679	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	70801	6.915	ug/L	99
12) 1,1-Dichloroethene	4.045	96	31503	3.144	ug/L #	1
13) Acetone	4.118	43	217836	80.086	ug/L	91
14) Carbon disulfide	4.387	76	24088	0.743	ug/L	95
19) 1,1-Dichloroethane	6.216	63	189730	8.747	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	128811	10.550	ug/L	98
22) 2-Butanone	7.167	43	89893	20.158	ug/L	98
29) Cyclohexane	7.959	56	20866	0.795	ug/L	93
30) 1,1,1-Trichloroethane	7.874	97	49174	2.495	ug/L	98
34) Trichloroethene	9.093	95	28606	1.938	ug/L	96
35) Methylcyclohexane	9.331	83	41250	1.569	ug/L #	70
42) Toluene	10.386	91	65424	1.103	ug/L	97
46) Tetrachloroethene	10.861	164	28254	2.707	ug/L	97
53) m,p-Xylene	11.837	106	18007	0.728	ug/L	99
54) o-Xylene	12.160	106	31300	1.364	ug/L	96
60) Isopropylbenzene	12.464	105	31367	0.799	ug/L #	84
62) 1,3,5-Trimethylbenzene	12.940	105	24474	0.784	ug/L	100

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Quant Time: Jul 03 01:15:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 01 01:41:22 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
63) 1,2,4-Trimethylbenzene	13.251	105	48888	1.602	ug/L	97

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

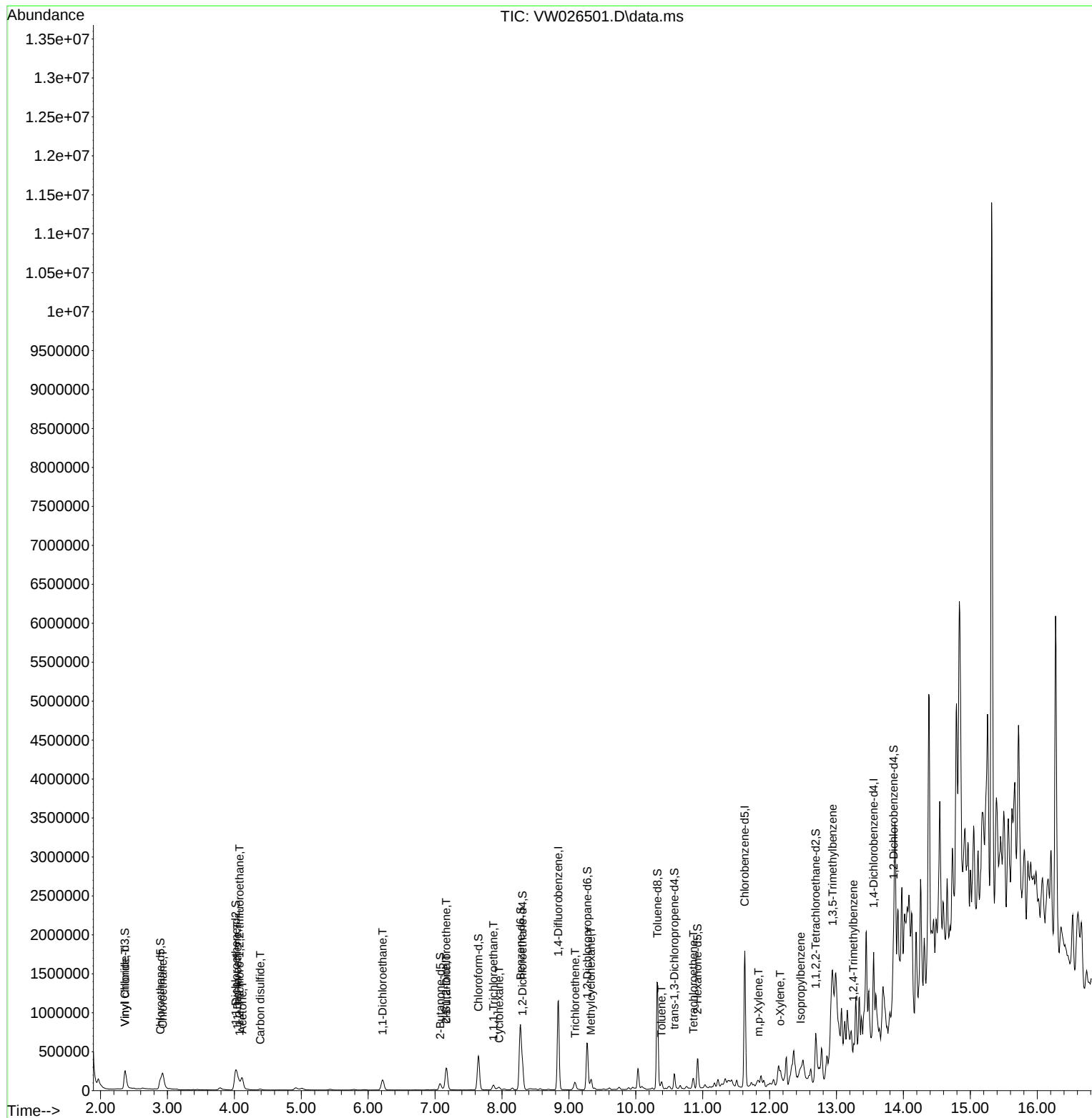
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
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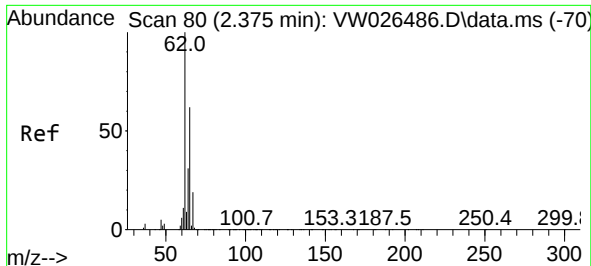
Instrument :
MSVOA_W
ClientSampleId :
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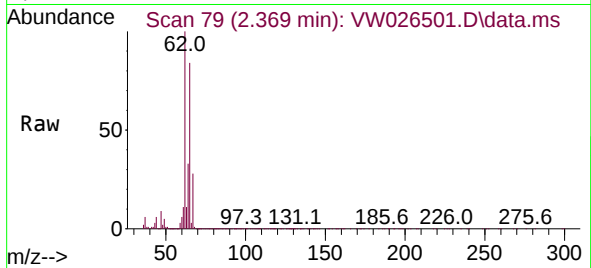
Quant Time: Jul 03 01:15:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Jul 01 01:41:22 2023
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#5
 Vinyl chloride
 Concen: 15.515 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: VW026501.D
 Acq: 01 Jul 2023 03:36

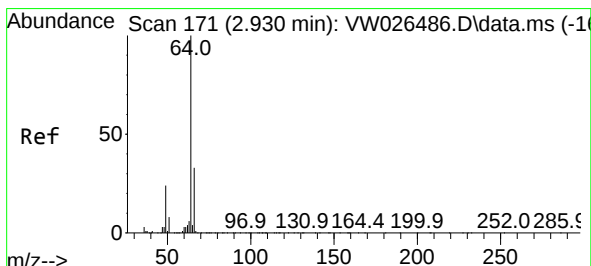
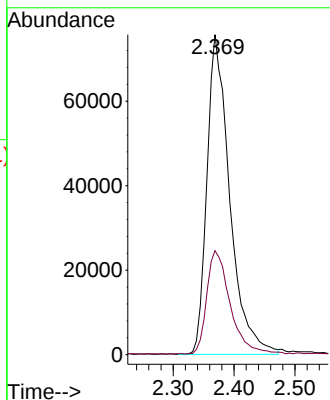
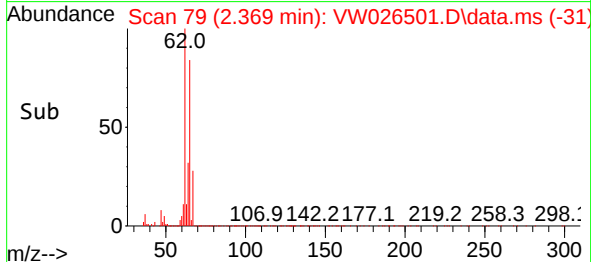
Instrument :
 MSVOA_W
 ClientSampleId :
 A46W1



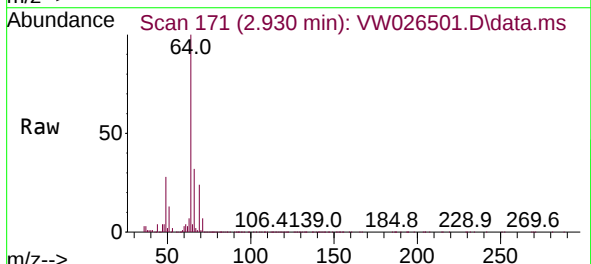
Tgt Ion: 62 Resp: 196819
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.0 42.8

Manual Integrations
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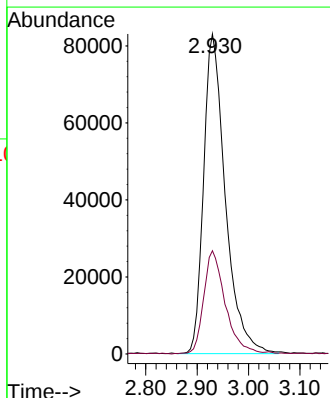
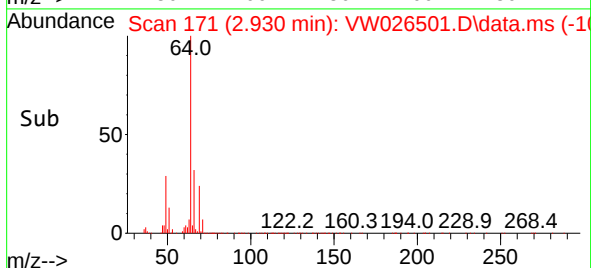
Reviewed By :Semsettin Yesilyurt 07/03/2023
 Supervised By :Mahesh Dadoda 07/07/2023

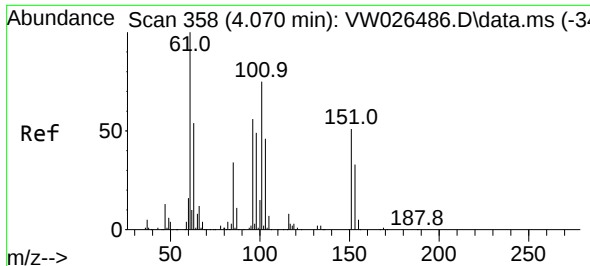


#8
 Chloroethane
 Concen: 31.679 ug/L
 RT: 2.930 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VW026501.D
 Acq: 01 Jul 2023 03:36



Tgt Ion: 64 Resp: 243725
 Ion Ratio Lower Upper
 64 100
 66 32.2 22.1 41.1





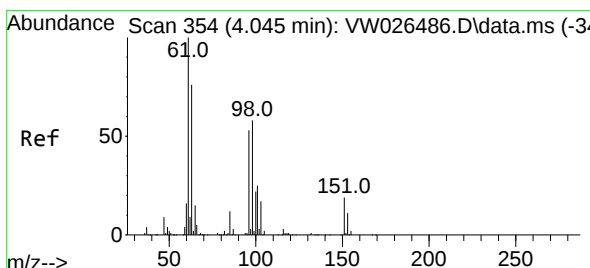
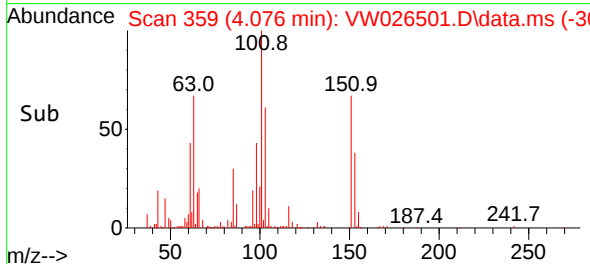
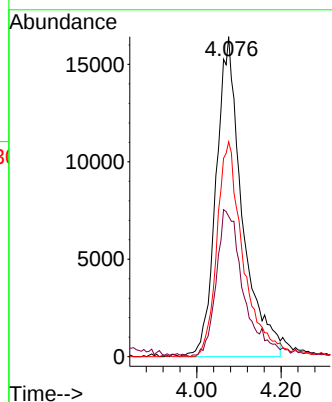
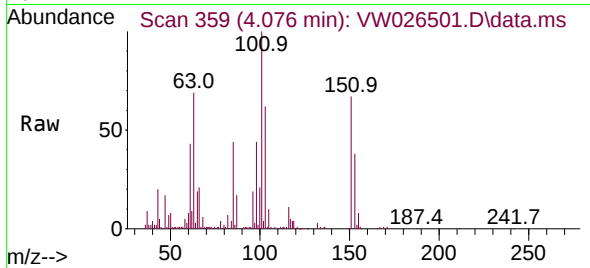
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 6.915 ug/L
RT: 4.076 min Scan# 358
Delta R.T. 0.006 min
Lab File: VW026501.D
Acq: 01 Jul 2023 03:36

Instrument :
MSVOA_W
ClientSampleId :
A46W1

Tgt Ion: 101 Resp: 7080
Ion Ratio Lower Upper
101 100
85 43.2 34.1 51.1
151 67.5 53.7 80.5

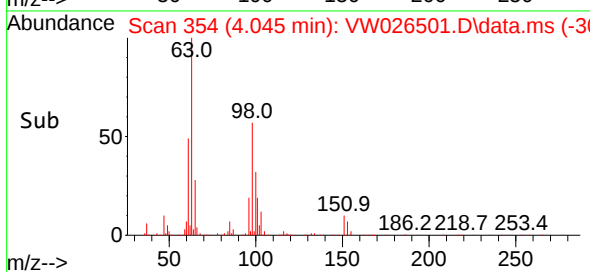
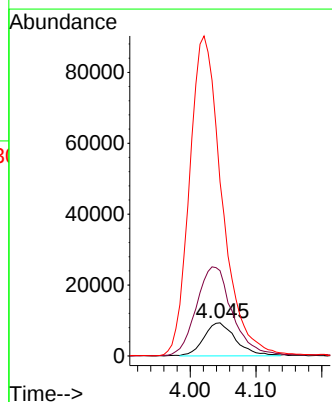
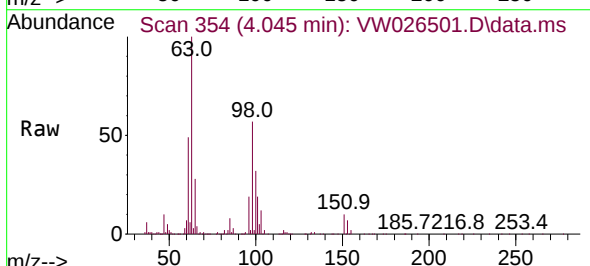
Manual Integrations
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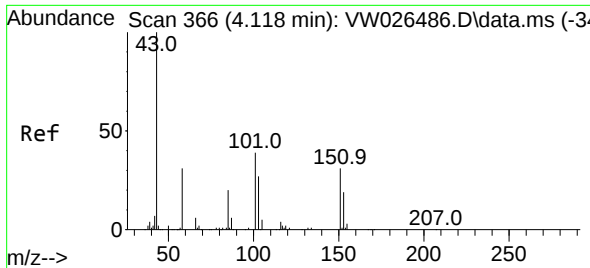
Reviewed By : Semsettin Yesilyurt 07/03/2023
Supervised By : Mahesh Dadoda 07/07/2023



#12
1,1-Dichloroethene
Concen: 3.144 ug/L
RT: 4.045 min Scan# 354
Delta R.T. -0.000 min
Lab File: VW026501.D
Acq: 01 Jul 2023 03:36

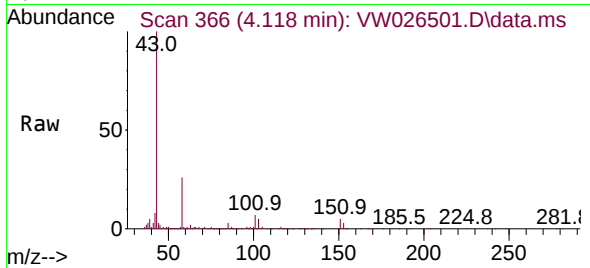
Tgt Ion: 96 Resp: 31503
Ion Ratio Lower Upper
96 100
61 257.2 134.0 248.8#
63 525.1 117.1 217.5#





#13
Acetone
Concen: 80.086 ug/L
RT: 4.118 min Scan# 30
Delta R.T. -0.000 min
Lab File: VW026501.D
Acq: 01 Jul 2023 03:36

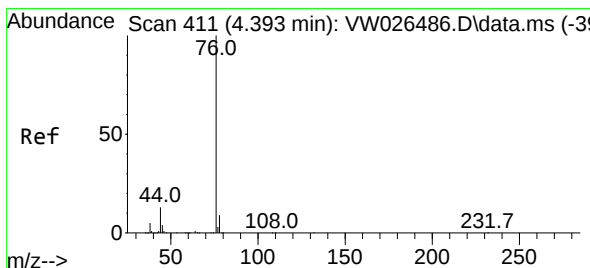
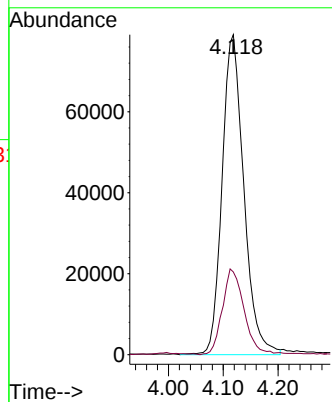
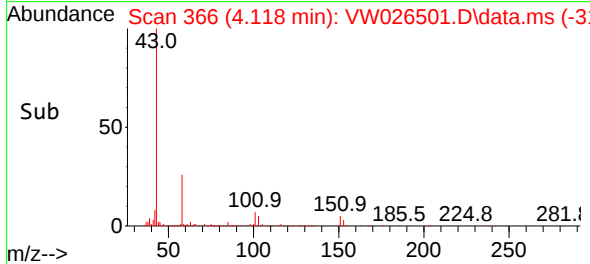
Instrument :
MSVOA_W
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A46W1



Tgt Ion: 43 Resp: 217830
Ion Ratio Lower Upper
43 100
58 26.6 0.0 63.2

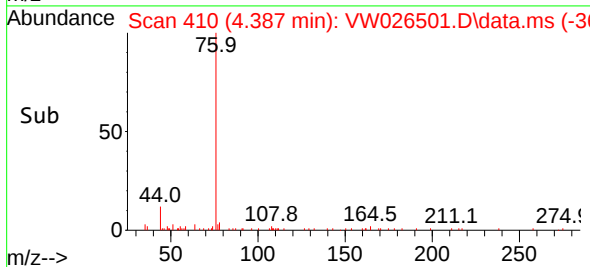
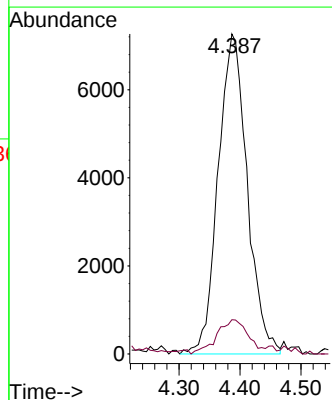
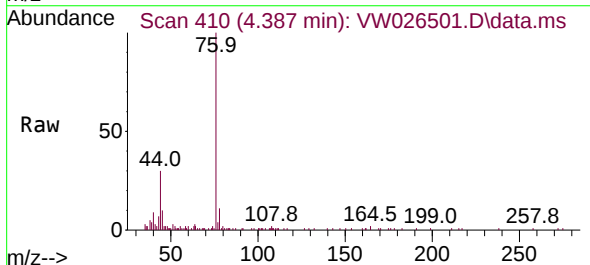
Manual Integrations
APPROVED

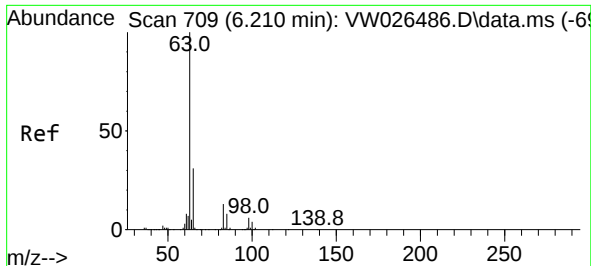
Reviewed By :Semsettin Yesilyurt 07/03/2023
Supervised By :Mahesh Dadoda 07/07/2023



#14
Carbon disulfide
Concen: 0.743 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW026501.D
Acq: 01 Jul 2023 03:36

Tgt Ion: 76 Resp: 24088
Ion Ratio Lower Upper
76 100
78 10.7 7.1 10.7





#19

1,1-Dichloroethane

Concen: 8.747 ug/L

RT: 6.216 min Scan# 709

Delta R.T. 0.006 min

Lab File: VW026501.D

Acq: 01 Jul 2023 03:36

Instrument :

MSVOA_W

ClientSampleId :

A46W1

Tgt Ion: 63 Resp: 189730

Ion Ratio Lower Upper

63 100

65 32.7 22.3 41.5

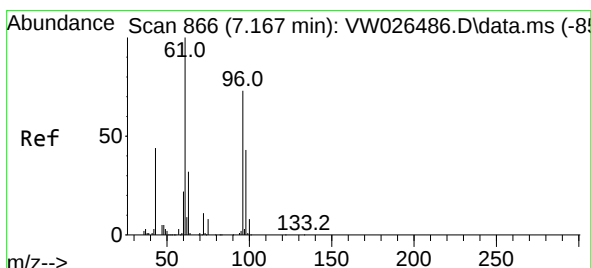
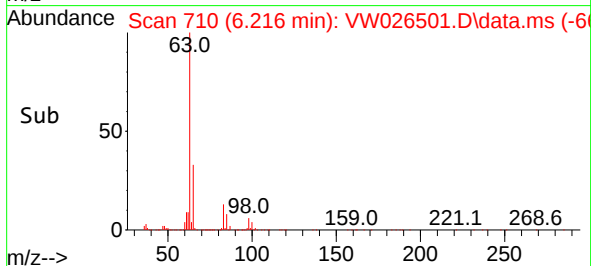
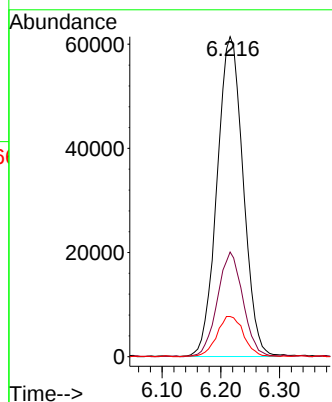
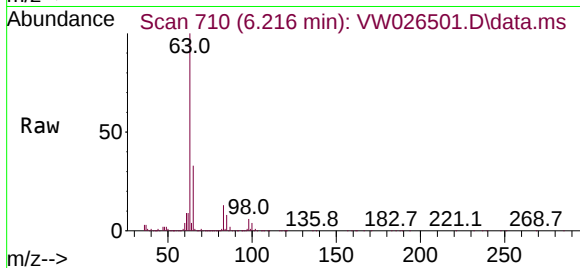
83 12.6 8.3 15.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/03/2023

Supervised By :Mahesh Dadoda 07/07/2023



#20

cis-1,2-Dichloroethene

Concen: 10.550 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW026501.D

Acq: 01 Jul 2023 03:36

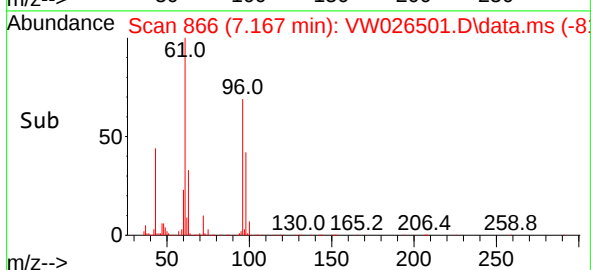
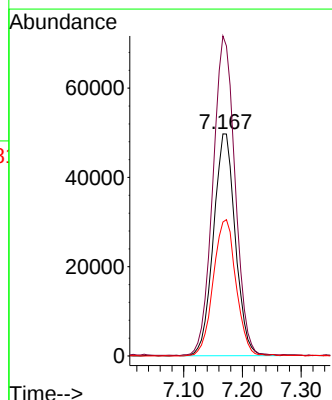
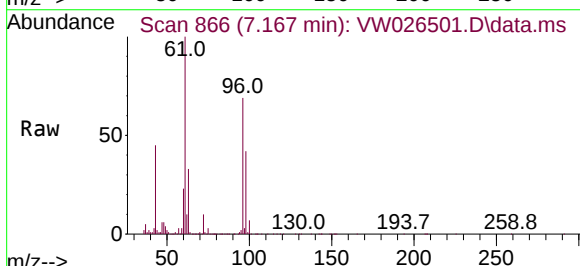
Tgt Ion: 96 Resp: 128811

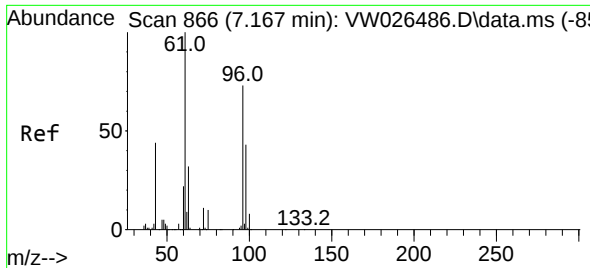
Ion Ratio Lower Upper

96 100

61 144.1 99.3 184.5

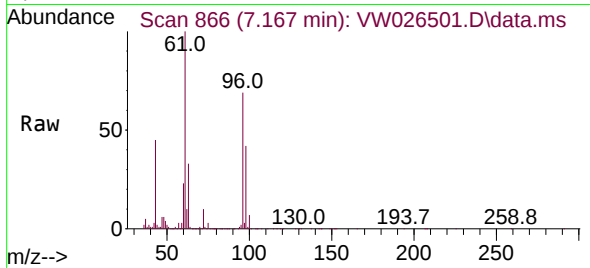
98 60.3 44.3 82.3





#22
2-Butanone
Concen: 20.158 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW026501.D
Acq: 01 Jul 2023 03:36

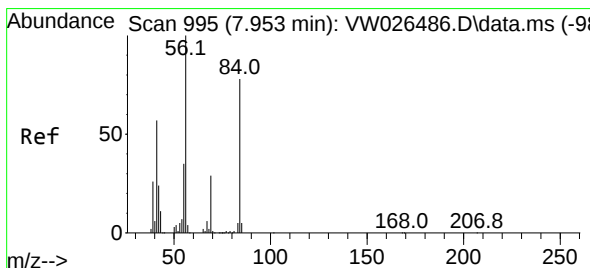
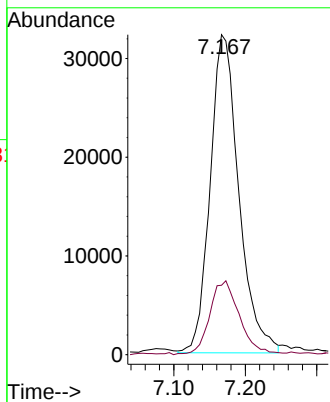
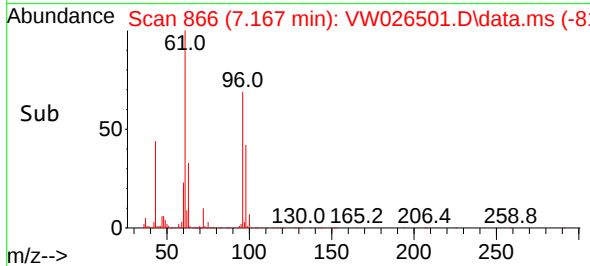
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Tgt Ion: 43 Resp: 8989
Ion Ratio Lower Upper
43 100
72 24.2 12.6 37.8

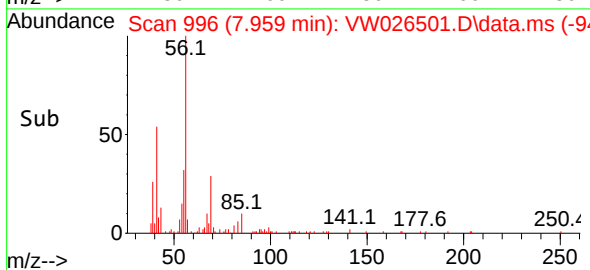
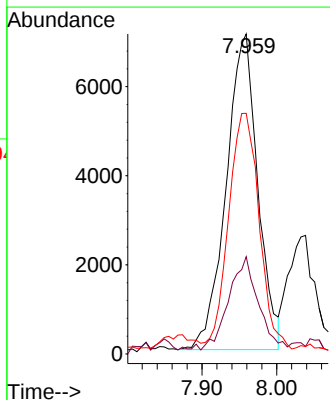
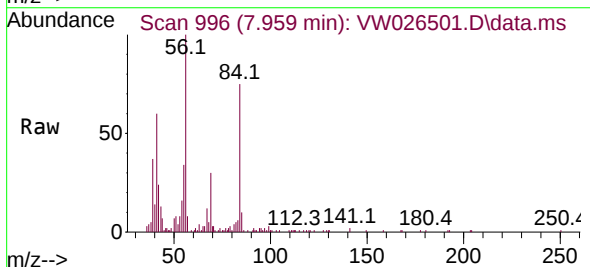
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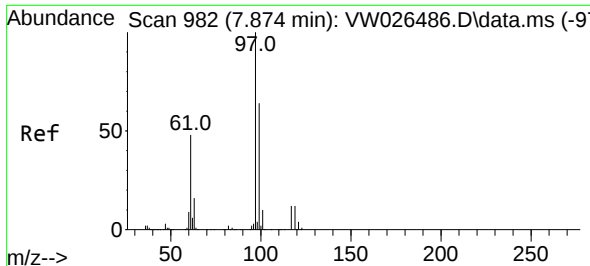
Reviewed By :Semsettin Yesilyurt 07/03/2023
Supervised By :Mahesh Dadoda 07/07/2023



#29
Cyclohexane
Concen: 0.795 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW026501.D
Acq: 01 Jul 2023 03:36

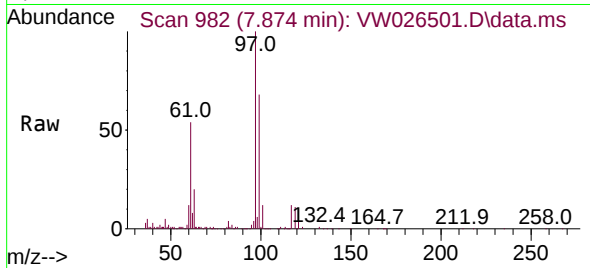
Tgt Ion: 56 Resp: 20866
Ion Ratio Lower Upper
56 100
69 27.3 23.2 34.8
84 72.0 63.5 95.3





#30
1,1,1-Trichloroethane
Concen: 2.495 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW026501.D
Acq: 01 Jul 2023 03:36

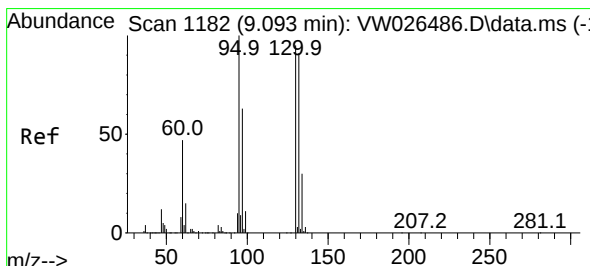
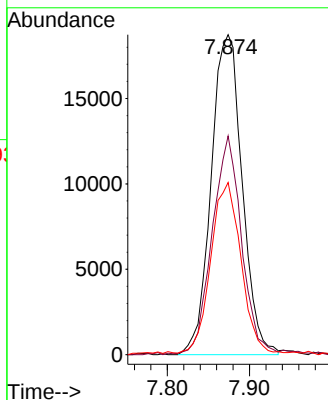
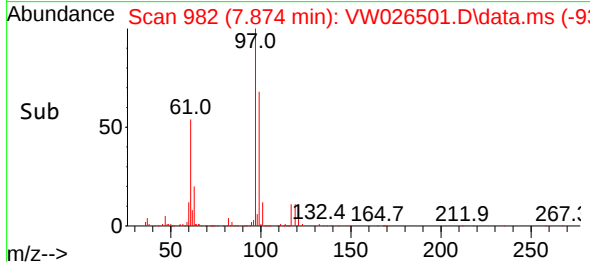
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Tgt Ion:	97	Resp:	49174
Ion Ratio	100	Lower	Upper
97	100		
99	64.2	51.3	76.9
61	52.4	39.5	59.3

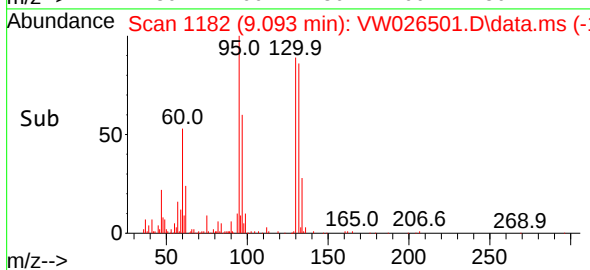
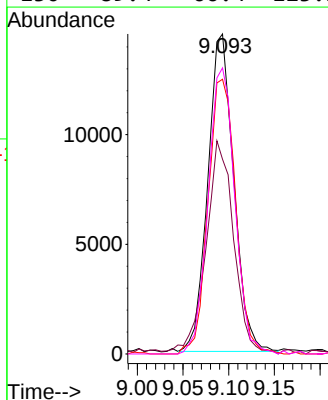
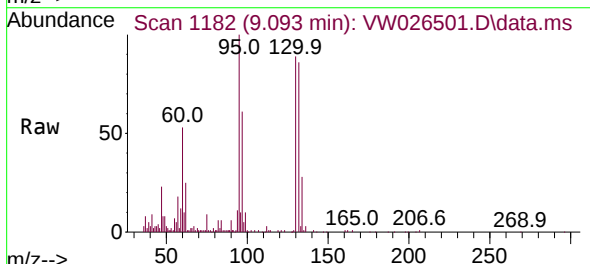
Manual Integrations
APPROVED

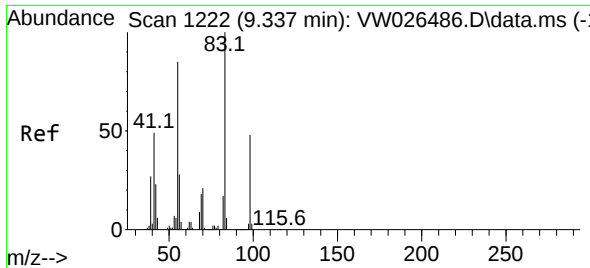
Reviewed By :Semsettin Yesilyurt 07/03/2023
Supervised By :Mahesh Dadoda 07/07/2023



#34
Trichloroethene
Concen: 1.938 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW026501.D
Acq: 01 Jul 2023 03:36

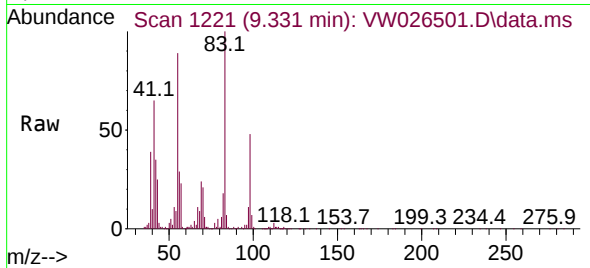
Tgt Ion:	95	Resp:	28606
Ion Ratio	100	Lower	Upper
95	100		
97	60.9	44.1	81.9
132	85.9	61.8	114.8
130	89.4	66.4	123.2





#35
Methylcyclohexane
Concen: 1.569 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VW026501.D
Acq: 01 Jul 2023 03:36

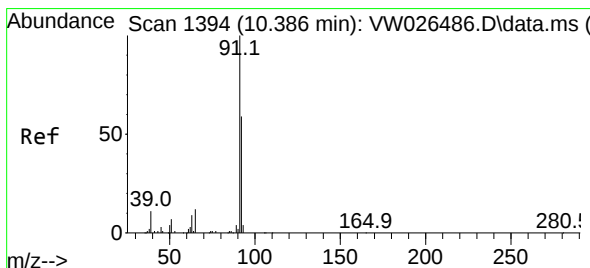
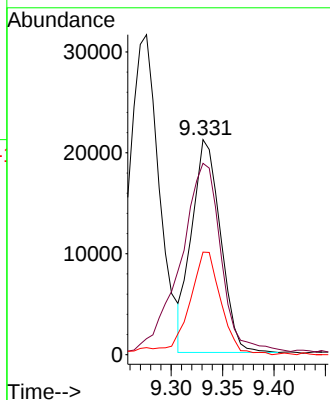
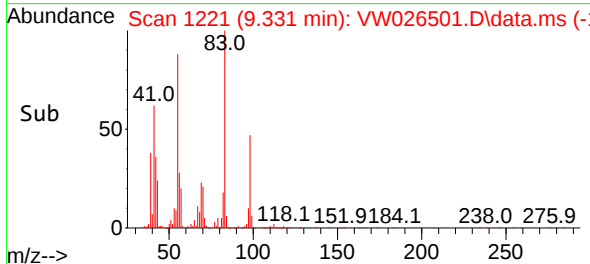
Instrument :
MSVOA_W
ClientSampleId :
A46W1



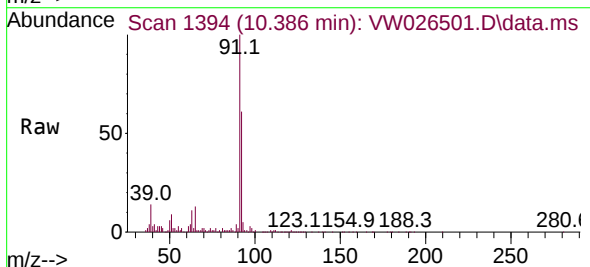
Tgt Ion: 83 Resp: 41250
Ion Ratio Lower Upper
83 100
55 123.2 66.5 99.7
98 49.8 37.0 55.6

Manual Integrations
APPROVED

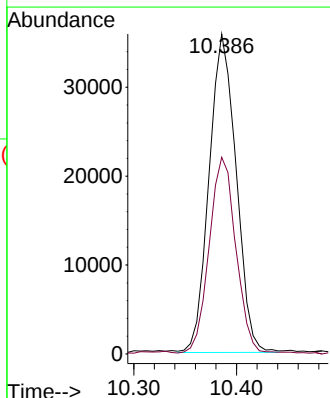
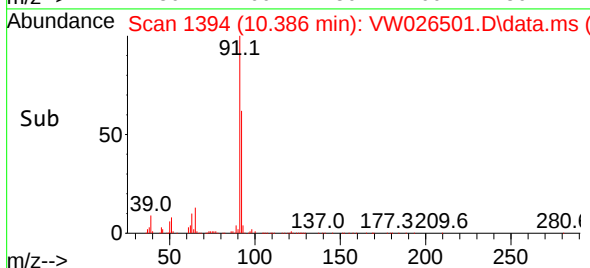
Reviewed By :Semsettin Yesilyurt 07/03/2023
Supervised By :Mahesh Dadoda 07/07/2023

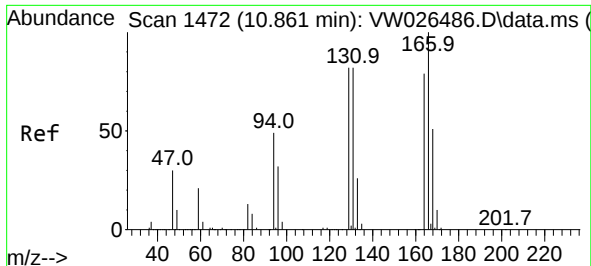


#42
Toluene
Concen: 1.103 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW026501.D
Acq: 01 Jul 2023 03:36



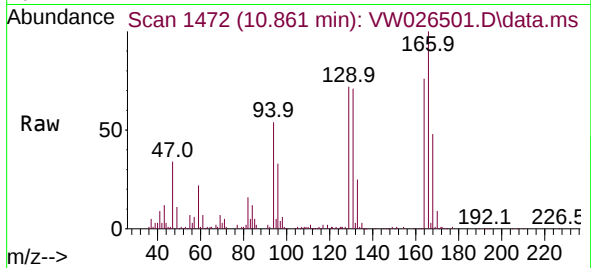
Tgt Ion: 91 Resp: 65424
Ion Ratio Lower Upper
91 100
92 61.4 41.4 76.8





#46
Tetrachloroethene
Concen: 2.707 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW026501.D
Acq: 01 Jul 2023 03:36

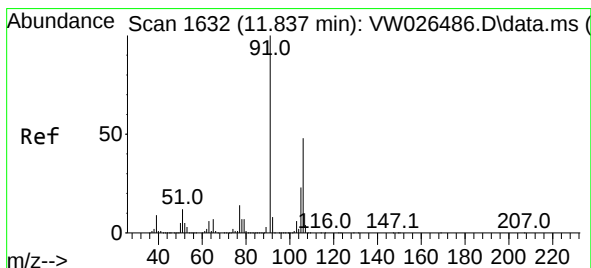
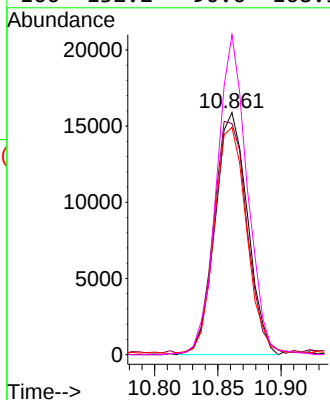
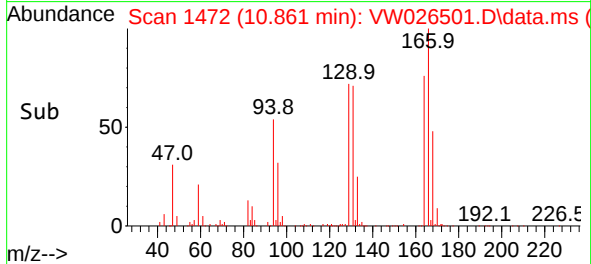
Instrument :
MSVOA_W
ClientSampleId :
A46W1



Tgt Ion:164 Resp: 28254
Ion Ratio Lower Upper
164 100
129 95.5 69.0 128.2
131 93.9 62.6 116.3
166 132.2 90.6 168.3

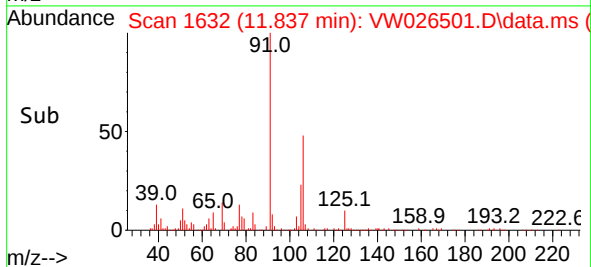
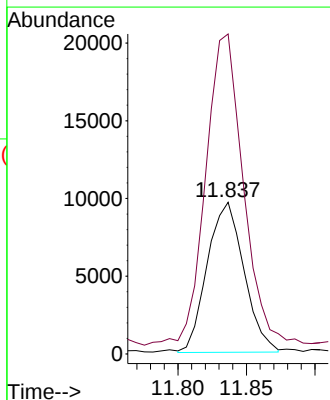
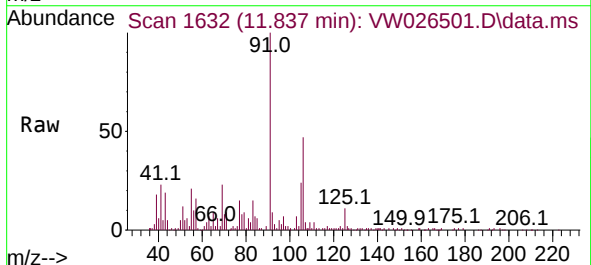
Manual Integrations
APPROVED

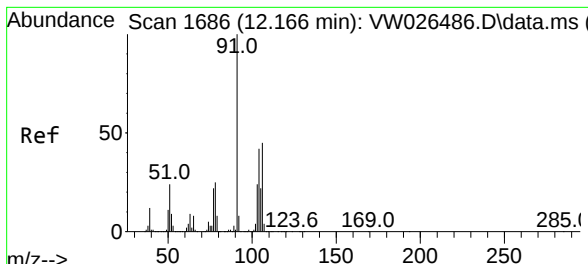
Reviewed By :Semsettin Yesilyurt 07/03/2023
Supervised By :Mahesh Dadoda 07/07/2023



#53
m,p-Xylene
Concen: 0.728 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026501.D
Acq: 01 Jul 2023 03:36

Tgt Ion:106 Resp: 18007
Ion Ratio Lower Upper
106 100
91 211.1 146.7 272.5





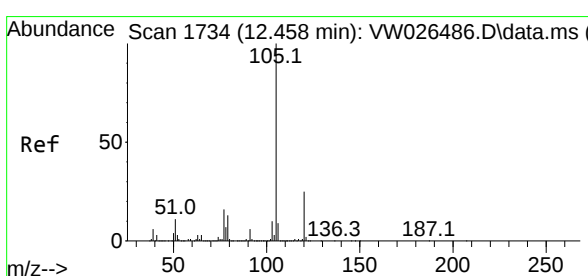
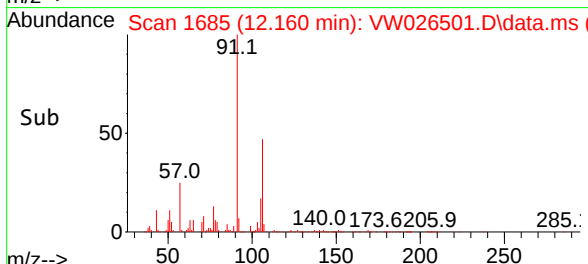
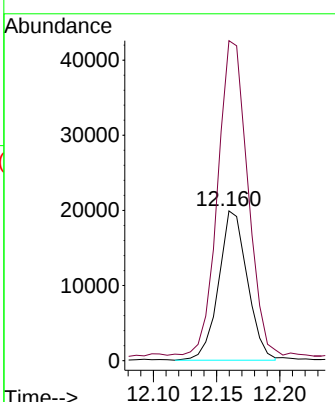
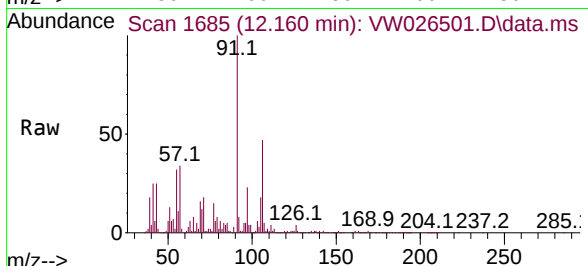
#54
o-Xylene
Concen: 1.364 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW026501.D
Acq: 01 Jul 2023 03:36

Instrument :
MSVOA_W
ClientSampleId :
A46W1

Tgt Ion:	106	Resp:	31300
Ion Ratio	Lower	Upper	
106	100		
91	213.6	145.5	270.1

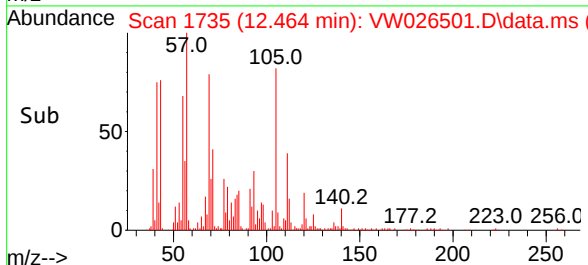
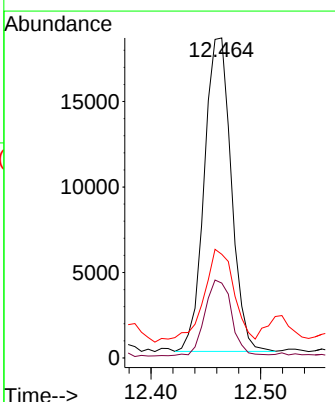
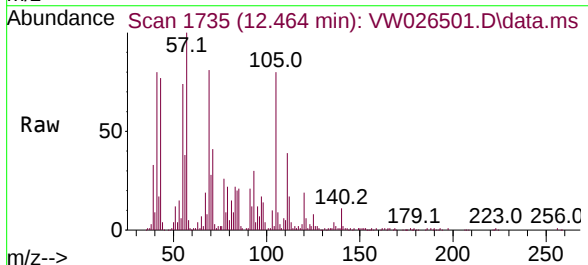
Manual Integrations
APPROVED

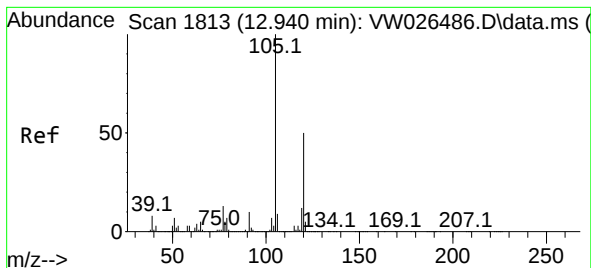
Reviewed By :Semsettin Yesilyurt 07/03/2023
Supervised By :Mahesh Dadoda 07/07/2023



#60
Isopropylbenzene
Concen: 0.799 ug/L
RT: 12.464 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW026501.D
Acq: 01 Jul 2023 03:36

Tgt Ion:	105	Resp:	31367
Ion Ratio	Lower	Upper	
105	100		
120	23.1	20.5	30.7
77	30.4	12.9	19.3





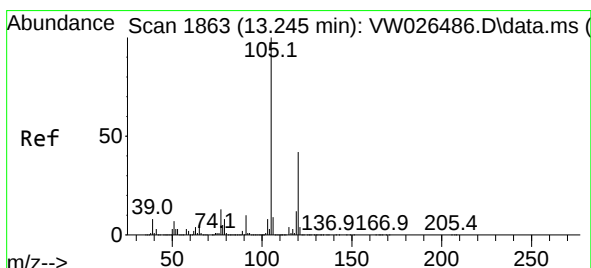
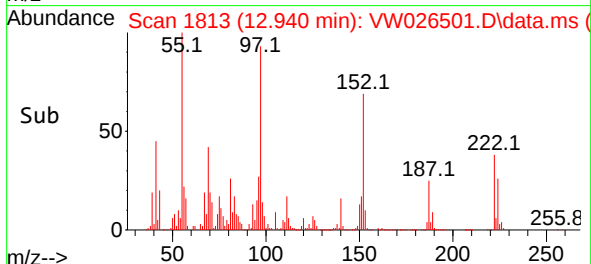
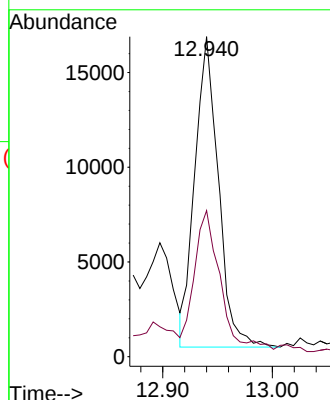
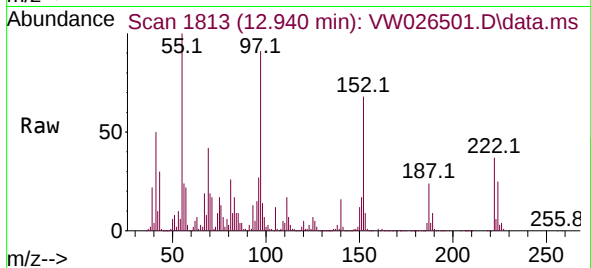
#62
1,3,5-Trimethylbenzene
Concen: 0.784 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW026501.D
Acq: 01 Jul 2023 03:36

Instrument :
MSVOA_W
ClientSampleId :
A46W1

Tgt Ion:105 Resp: 24474
Ion Ratio Lower Upper
105 100
120 49.2 39.2 58.8

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 07/03/2023
Supervised By :Mahesh Dadoda 07/07/2023



#63
1,2,4-Trimethylbenzene
Concen: 1.602 ug/L
RT: 13.251 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VW026501.D
Acq: 01 Jul 2023 03:36

Tgt Ion:105 Resp: 48888
Ion Ratio Lower Upper
105 100
120 43.3 36.0 54.0

