

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122624\
 Data File : VW031532.D
 Acq On : 26 Dec 2024 16:36
 Operator : SY/MD
 Sample : P5378-07
 Misc : 5.64g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YE685

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/27/2024
 Supervised By :Semsettin Yesilyurt 12/27/2024

Quant Time: Dec 27 00:26:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 27 00:21:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	1051787	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	859641	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	339799	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.356	65	283328	17.903	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	71.600%		
7) Chloroethane-d5	2.893	69	230373	19.679	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	78.720%		
11) 1,1-Dichloroethene-d2	4.015	65	127194	16.944	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	67.760%		
21) 2-Butanone-d5	7.099	46	108159	36.291	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	72.580%		
24) Chloroform-d	7.648	84	518898	18.006	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	72.040%		
26) 1,2-Dichloroethane-d4	8.307	65	279593m	19.318	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	77.280%		
32) Benzene-d6	8.276	84	1070016	19.420	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	77.680%		
36) 1,2-Dichloropropane-d6	9.270	67	317083	19.746	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	79.000%		
41) Toluene-d8	10.318	98	938137	18.302	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	73.200%		
43) trans-1,3-Dichloroprop...	10.574	79	120736	16.306	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	65.240%		
47) 2-Hexanone-d5	10.922	63	89200	41.305	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	82.620%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	203912	20.225	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	80.880%		
66) 1,2-Dichlorobenzene-d4	13.848	152	229361	18.182	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	72.720%#		
Target Compounds						
13) Acetone	4.179	43	40632	9.790	ug/L #	100
34) Trichloroethene	9.087	95	17456	1.164	ug/L	91
42) Toluene	10.385	91	44531	0.770	ug/L	96
52) Ethylbenzene	11.727	91	371462	5.541	ug/L	95
53) m,p-Xylene	11.830	106	585887	22.959	ug/L	97
54) o-Xylene	12.160	106	359359	14.942	ug/L	93
60) Isopropylbenzene	12.458	105	131319m	2.362	ug/L	
62) 1,3,5-Trimethylbenzene	12.940	105	1186432	25.166	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	4983351	109.366	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	126035	5.594	ug/L #	85
65) 1,4-Dichlorobenzene	13.574	146	456905	20.468	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	291884	15.036	ug/L	99
70) 1,2,4-trichlorobenzene	15.122	180	263803	20.098	ug/L #	64

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

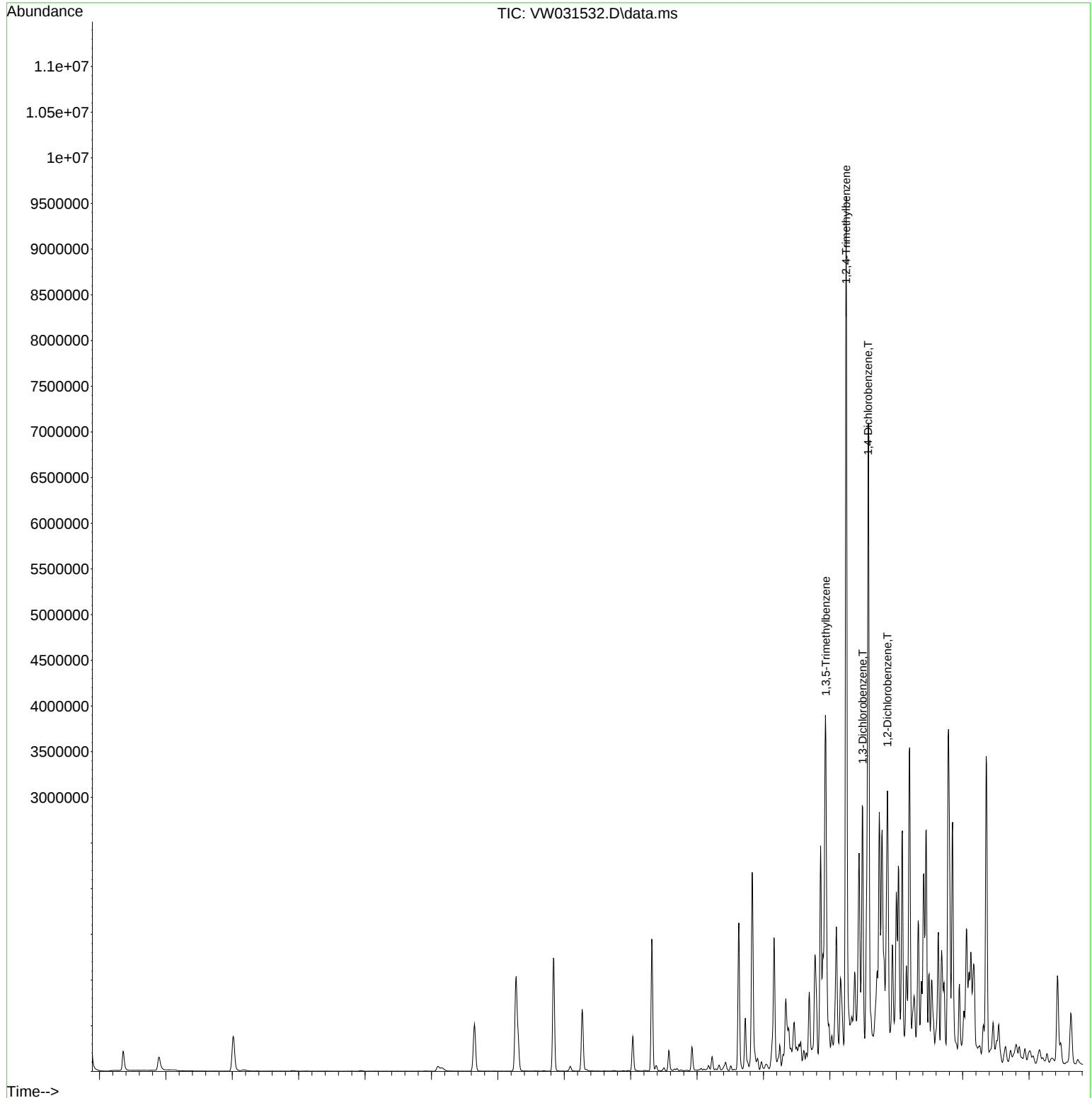
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122624\
Data File : VW031532.D
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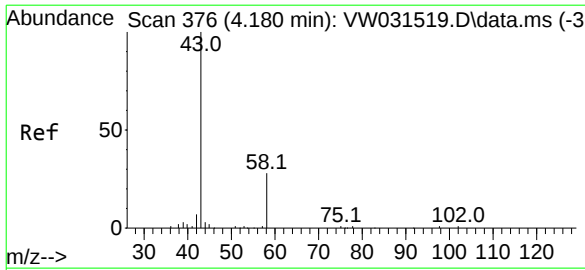
Instrument :
MSVOA_W
ClientSampleId :
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Quant Time: Dec 27 00:26:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 27 00:21:46 2024
Response via : Initial Calibration





#13

Acetone

Concen: 9.790 ug/L

RT: 4.179 min Scan# 376

Delta R.T. -0.000 min

Lab File: VW031532.D

Acq: 26 Dec 2024 16:36

Instrument :

MSVOA_W

ClientSampleId :

YE685

Tgt Ion: 43 Resp: 40632

Ion Ratio Lower Upper

43 100

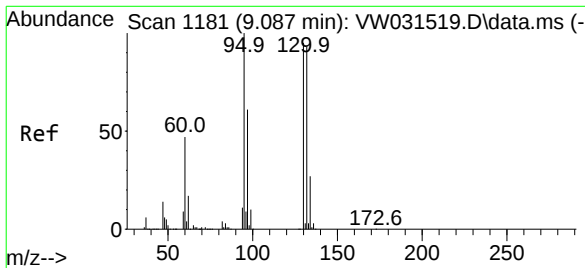
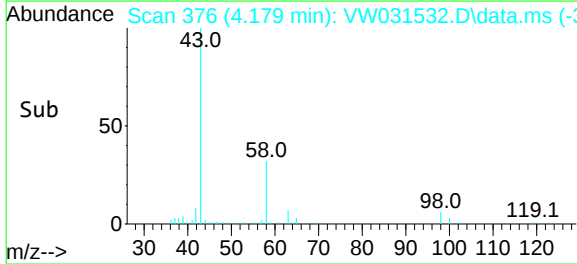
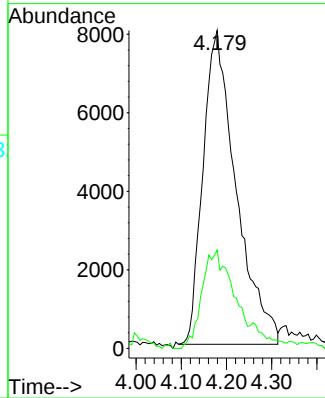
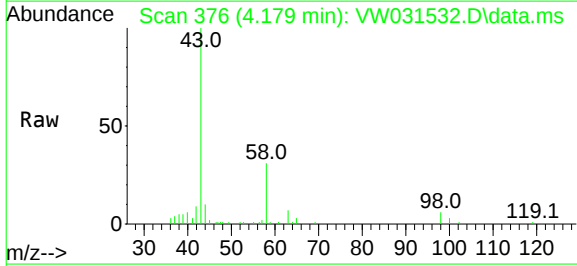
58 10.7 0.0 0.0

Manual Integrations

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#34

Trichloroethene

Concen: 1.164 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.000 min

Lab File: VW031532.D

Acq: 26 Dec 2024 16:36

Tgt Ion: 95 Resp: 17456

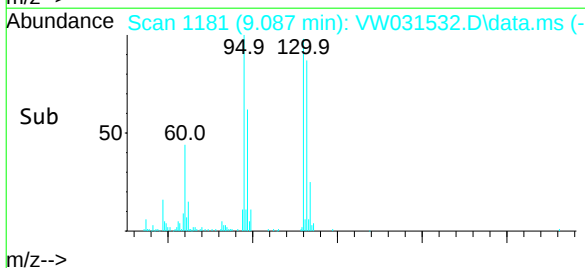
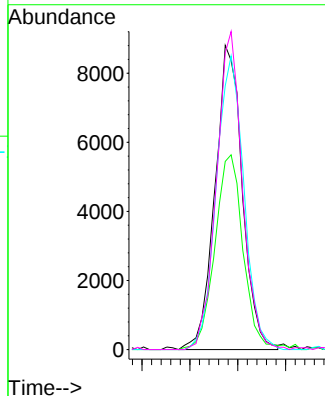
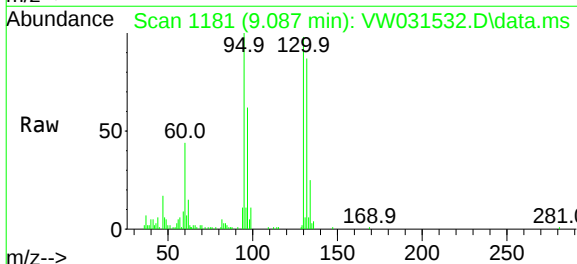
Ion Ratio Lower Upper

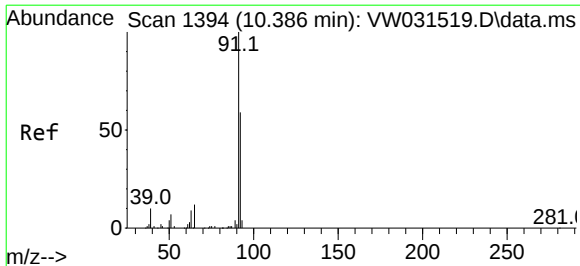
95 100

97 61.8 46.5 86.3

132 86.7 70.3 130.5

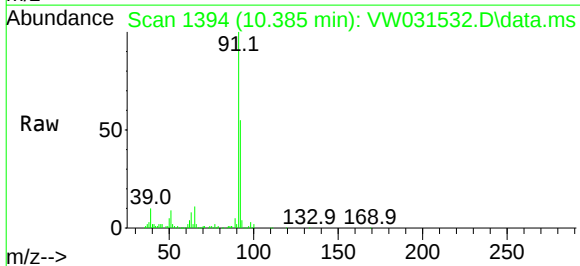
130 97.5 73.6 136.8





#42
Toluene
Concen: 0.770 ug/L
RT: 10.385 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW031532.D
Acq: 26 Dec 2024 16:36

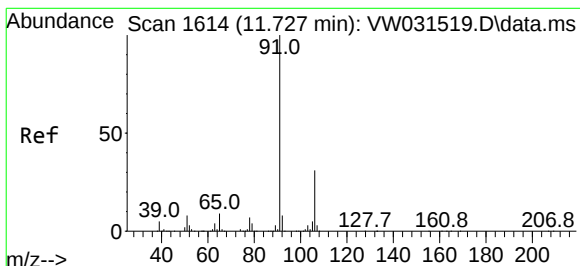
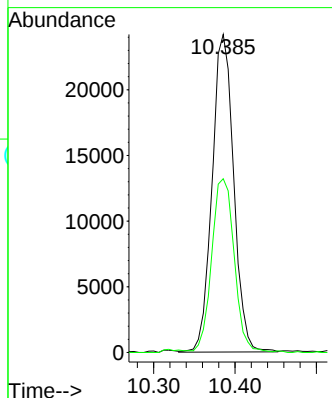
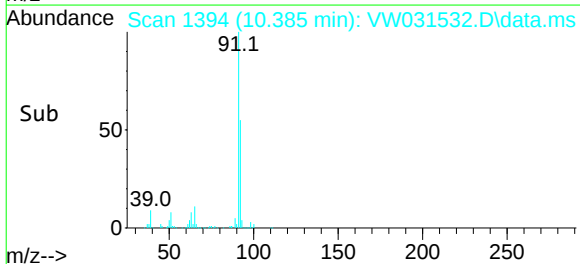
Instrument :
MSVOA_W
ClientSampleId :
YE685



Tgt Ion: 91 Resp: 44531
Ion Ratio Lower Upper
91 100
92 54.6 40.3 74.9

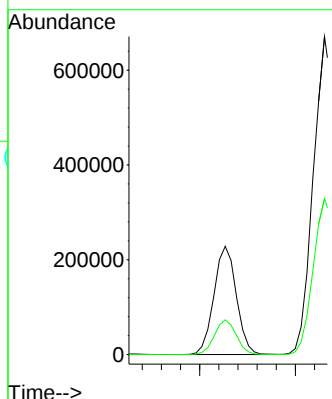
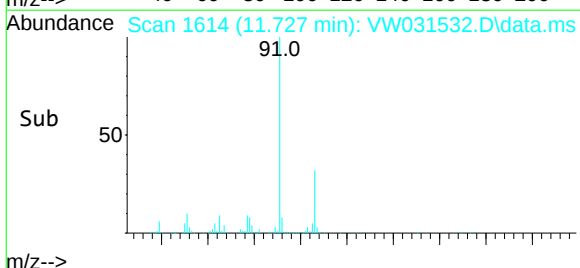
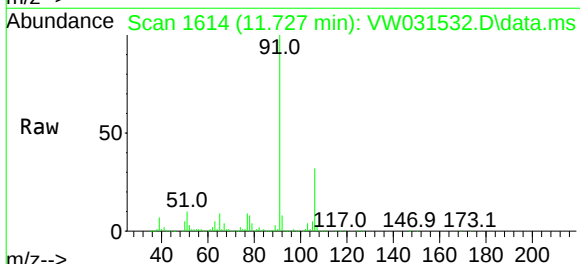
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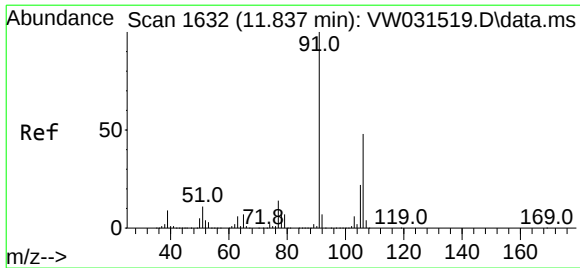
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024



#52
Ethylbenzene
Concen: 5.541 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW031532.D
Acq: 26 Dec 2024 16:36

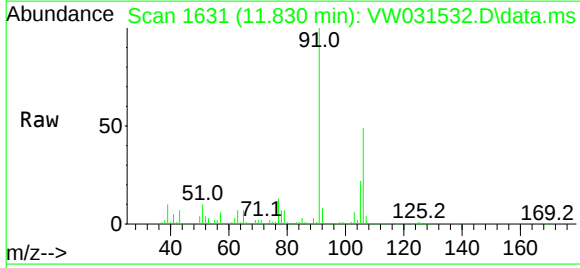
Tgt Ion: 91 Resp: 371462
Ion Ratio Lower Upper
91 100
106 32.1 20.7 38.5





#53
m,p-Xylene
Concen: 22.959 ug/L
RT: 11.830 min Scan# 1632
Delta R.T. -0.006 min
Lab File: VW031532.D
Acq: 26 Dec 2024 16:36

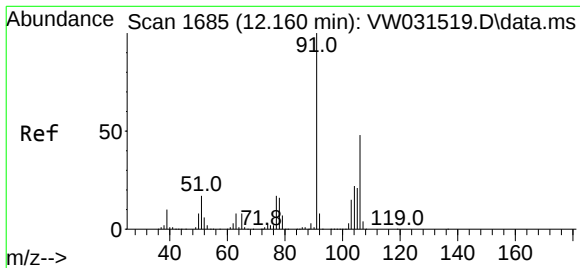
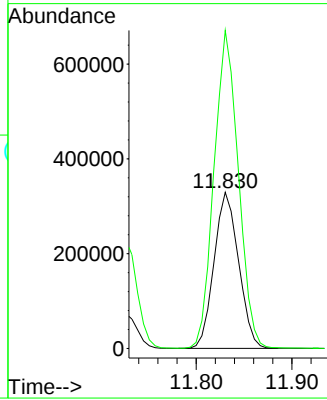
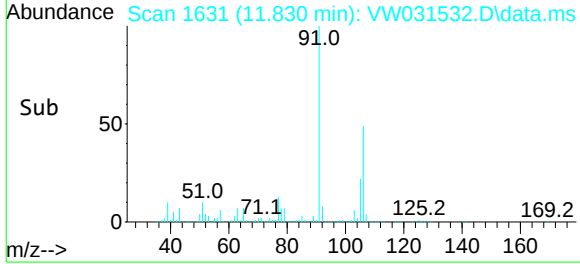
Instrument :
MSVOA_W
ClientSampleId :
YE685



Tgt Ion:106 Resp: 585887
Ion Ratio Lower Upper
106 100
91 203.6 139.9 259.7

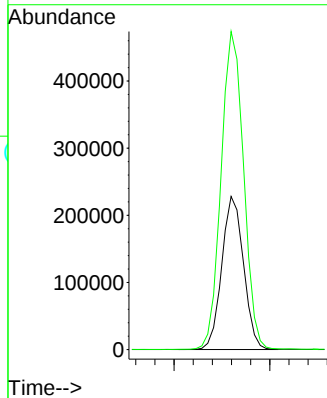
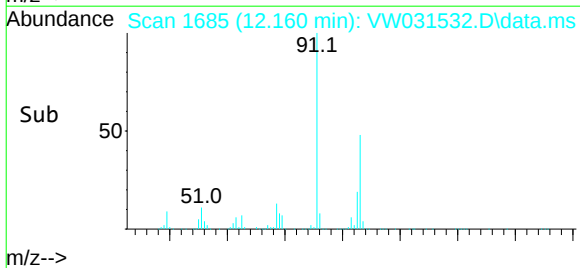
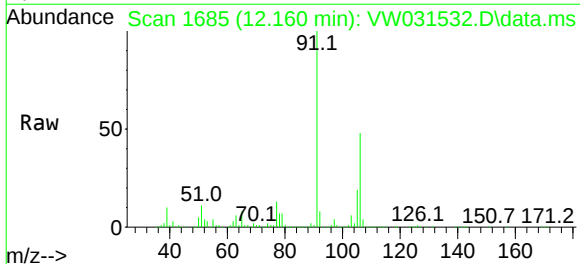
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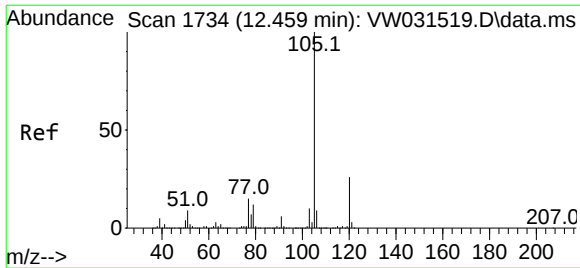
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024



#54
o-Xylene
Concen: 14.942 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW031532.D
Acq: 26 Dec 2024 16:36

Tgt Ion:106 Resp: 359359
Ion Ratio Lower Upper
106 100
91 207.7 153.1 284.3





#60

Isopropylbenzene

Concen: 2.362 ug/L m

RT: 12.458 min Scan# 17

Delta R.T. -0.000 min

Lab File: VW031532.D

Acq: 26 Dec 2024 16:36

Instrument :

MSVOA_W

ClientSampleId :

YE685

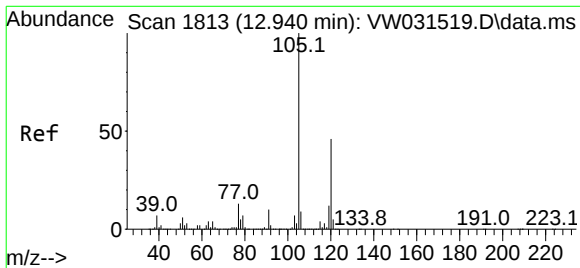
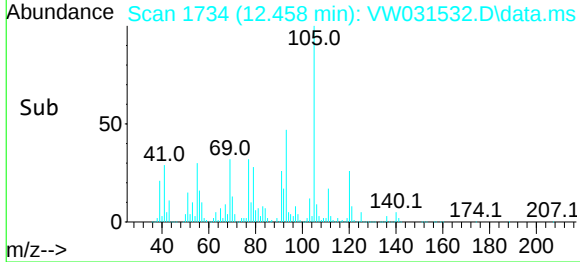
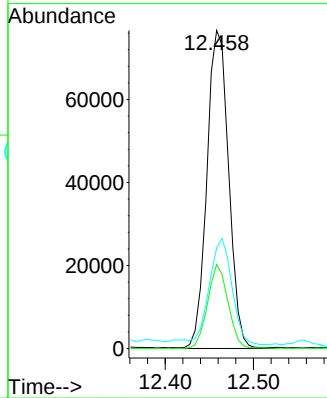
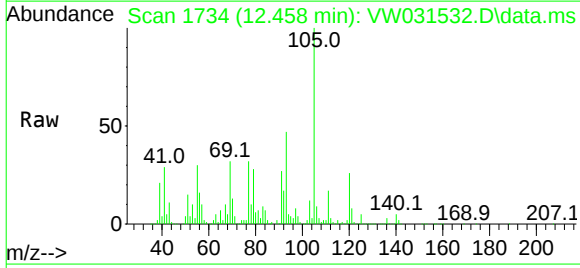
Tgt Ion:	105	Resp:	131319
Ion Ratio	Lower	Upper	
105	100		
120	261.8	20.6	31.0#
77	110.7	12.8	19.2#

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/27/2024

Supervised By :Semsettin Yesilyurt 12/27/2024



#62

1,3,5-Trimethylbenzene

Concen: 25.166 ug/L

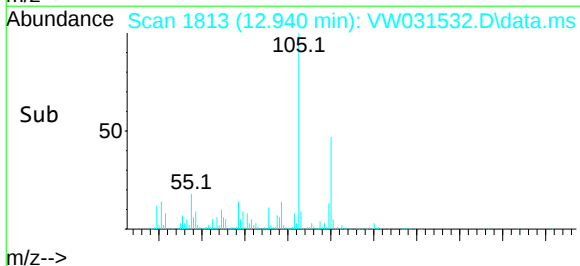
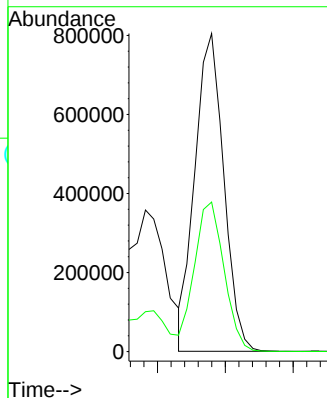
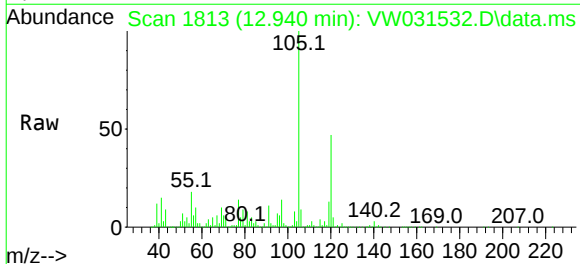
RT: 12.940 min Scan# 1813

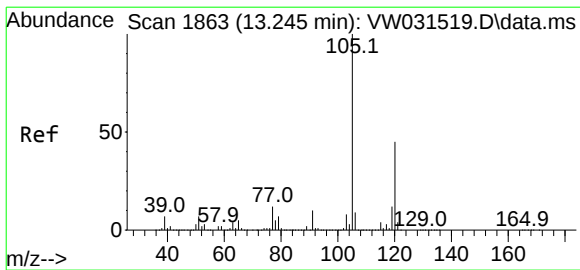
Delta R.T. -0.000 min

Lab File: VW031532.D

Acq: 26 Dec 2024 16:36

Tgt Ion:	105	Resp:	1186432
Ion Ratio	Lower	Upper	
105	100		
120	48.4	37.3	55.9





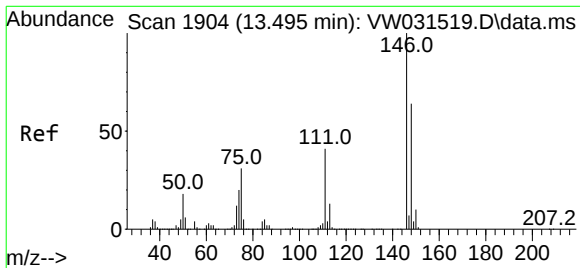
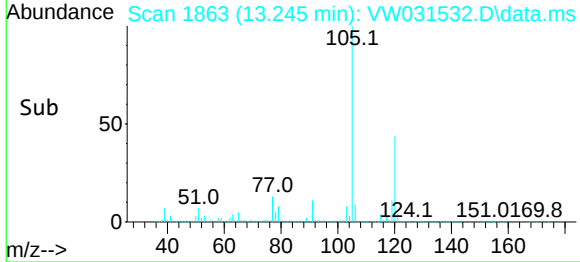
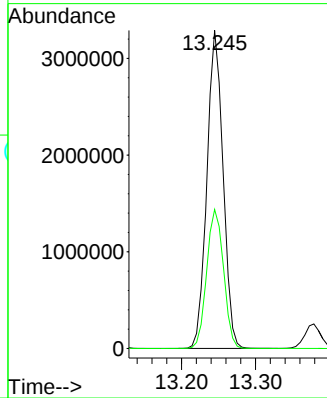
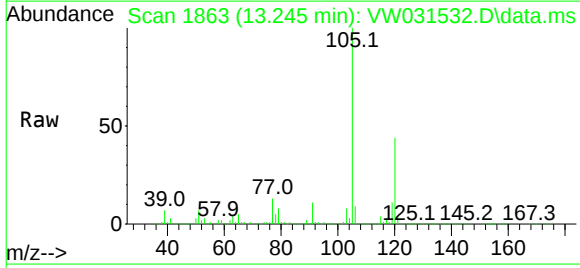
#63
1,2,4-Trimethylbenzene
Concen: 109.366 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW031532.D
Acq: 26 Dec 2024 16:36

Instrument :
MSVOA_W
ClientSampleId :
YE685

Tgt Ion:105 Resp: 4983351
Ion Ratio Lower Upper
105 100
120 45.6 35.0 52.4

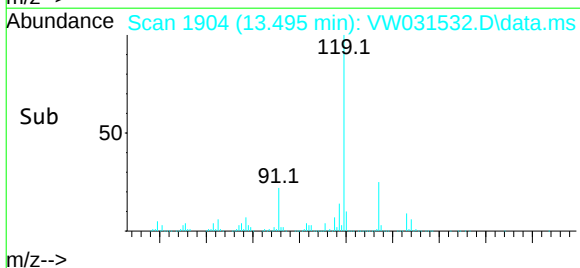
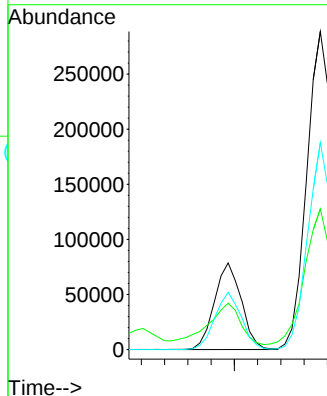
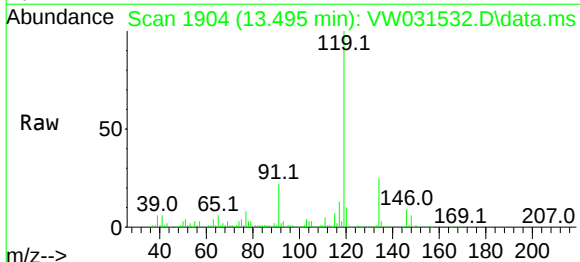
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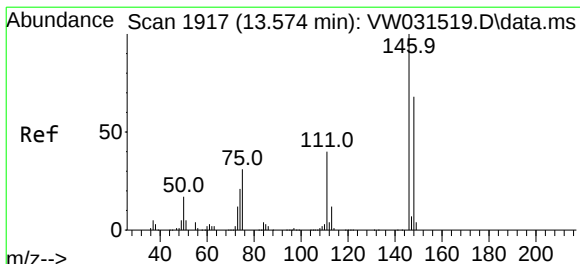
Reviewed By :Mahesh Dadoda 12/27/2024
Supervised By :Semsettin Yesilyurt 12/27/2024



#64
1,3-Dichlorobenzene
Concen: 5.594 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW031532.D
Acq: 26 Dec 2024 16:36

Tgt Ion:146 Resp: 126035
Ion Ratio Lower Upper
146 100
111 53.6 27.6 51.2#
148 66.1 41.0 76.2





#65
 1,4-Dichlorobenzene
 Concen: 20.468 ug/L
 RT: 13.574 min Scan# 1917
 Delta R.T. -0.000 min
 Lab File: VW031532.D
 Acq: 26 Dec 2024 16:36

Instrument :

MSVOA_W

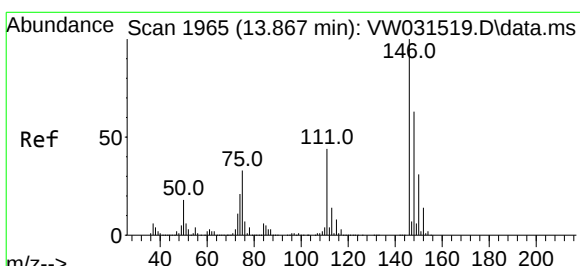
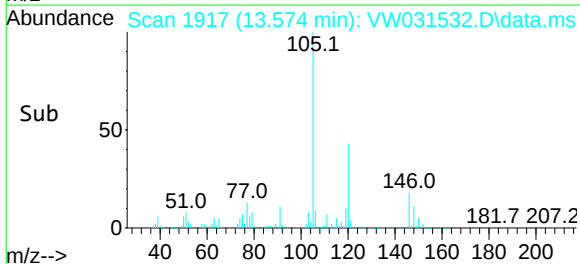
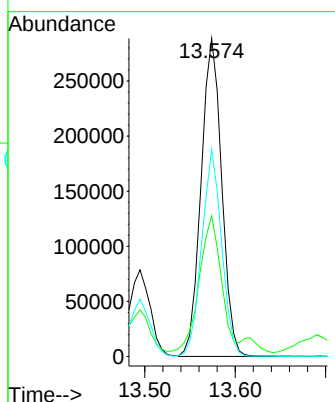
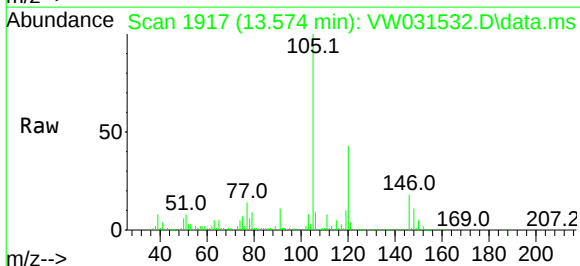
ClientSampleId :

YE685

Tgt Ion:	146	Resp:	456905
Ion Ratio	Lower	Upper	
146	100		
111	44.2	30.7	56.9
148	65.1	46.5	86.3

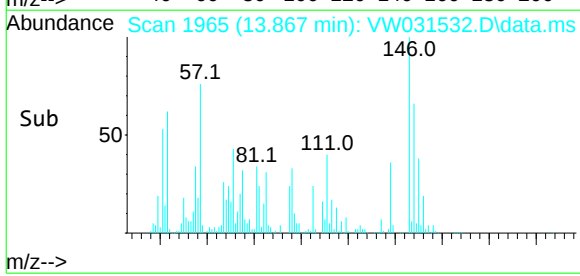
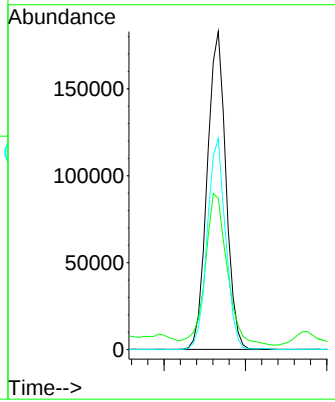
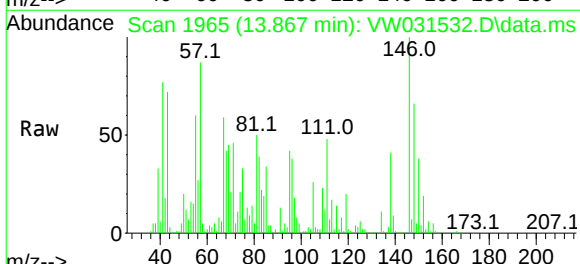
Manual Integrations
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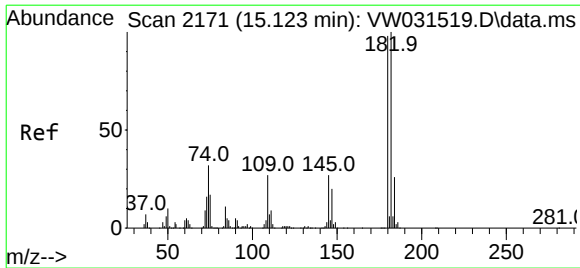
Reviewed By :Mahesh Dadoda 12/27/2024
 Supervised By :Semsettin Yesilyurt 12/27/2024



#67
 1,2-Dichlorobenzene
 Concen: 15.036 ug/L
 RT: 13.867 min Scan# 1965
 Delta R.T. -0.000 min
 Lab File: VW031532.D
 Acq: 26 Dec 2024 16:36

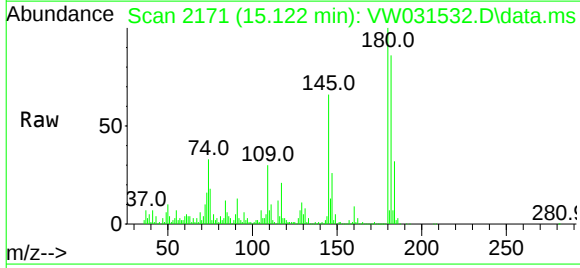
Tgt Ion:	146	Resp:	291884
Ion Ratio	Lower	Upper	
146	100		
111	47.5	38.6	58.0
148	66.4	53.6	80.4





#70
1,2,4-trichlorobenzene
Concen: 20.098 ug/L
RT: 15.122 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VW031532.D
Acq: 26 Dec 2024 16:36

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	78.2	117.2
145	106.7	26.7	40.1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/27/2024
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