

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
 Data File : VW021935.D
 Acq On : 15 Jan 2022 04:07
 Operator : SY/VA
 Sample : N1155-01
 Misc : 6.09g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLT4

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2022
 Supervised By :Mahesh Dadoda 01/17/2022

Quant Time: Jan 17 03:26:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jan 17 03:23:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	78445	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	41335	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	16762m	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	35084	24.063	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.240%
7) Chloroethane-d5	2.879	69	28609	21.729	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.920%
11) 1,1-Dichloroethene-d2	4.013	63	33603	14.598	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.400%
21) 2-Butanone-d5	7.080	46	19923	96.810	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	193.620%#
24) Chloroform-d	7.647	84	56039	22.113	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.440%
26) 1,2-Dichloroethane-d4	8.305	65	33815	27.631	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.520%
32) Benzene-d6	8.275	84	98303	36.651	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	146.600%#
36) 1,2-Dichloropropane-d6	9.275	67	30838	43.622	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	174.480%#
41) Toluene-d8	10.323	98	66167	24.472	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.880%
43) trans-1,3-Dichloroprop...	10.579	79	9966	33.204	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	132.800%
47) 2-Hexanone-d5	10.921	63	16813	175.272	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	350.540%#
56) 1,1,2,2-Tetrachloroeth...	12.695	84	20050	36.270	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	145.080%#
66) 1,2-Dichlorobenzene-d4	13.871	152	20561	29.832	ug/L	0.02
Spiked Amount	25.000	Range	75 - 120	Recovery	=	119.320%
Target Compounds						
					Qvalue	
5) Vinyl chloride	2.361	62	2259	1.402	ug/L	# 7
13) Acetone	4.135	43	41910	246.497	ug/L	91
14) Carbon disulfide	4.385	76	8877	2.896	ug/L	# 94
20) cis-1,2-Dichloroethene	7.171	96	14370	11.041	ug/L	67
22) 2-Butanone	7.177	43	18989	87.375	ug/L	80
29) Cyclohexane	7.958	56	65389	70.712	ug/L	95
33) Benzene	8.324	78	1947748	768.463	ug/L	100
34) Trichloroethene	9.092	95	6183	8.408	ug/L	# 69
35) Methylcyclohexane	9.336	83	84608	69.967	ug/L	91
40) 4-Methyl-2-pentanone	10.207	43	7040	27.141	ug/L	# 73
42) Toluene	10.390	91	1757704	618.318	ug/L	100
46) Tetrachloroethene	10.860	164	16051	22.074	ug/L	93
51) Chlorobenzene	11.652	112	11727	5.843	ug/L	99
52) Ethylbenzene	11.731	91	4757293	1506.466	ug/L	95
53) m,p-Xylene	11.841	106	7465045	5653.204	ug/L	69
54) o-Xylene	12.164	106	2523123	2058.160	ug/L	84
60) Isopropylbenzene	12.463	105	686642	300.818	ug/L	94
62) 1,3,5-Trimethylbenzene	12.939	105	3509885	1856.907	ug/L	90
63) 1,2,4-Trimethylbenzene	13.249	105	9424608	5055.626	ug/L	88

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) 1,2-Dichlorobenzene	13.871	146	339145m	337.527	ug/L	
70) 1,2,4-trichlorobenzene	15.127	180	56937	83.774	ug/L #	59

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

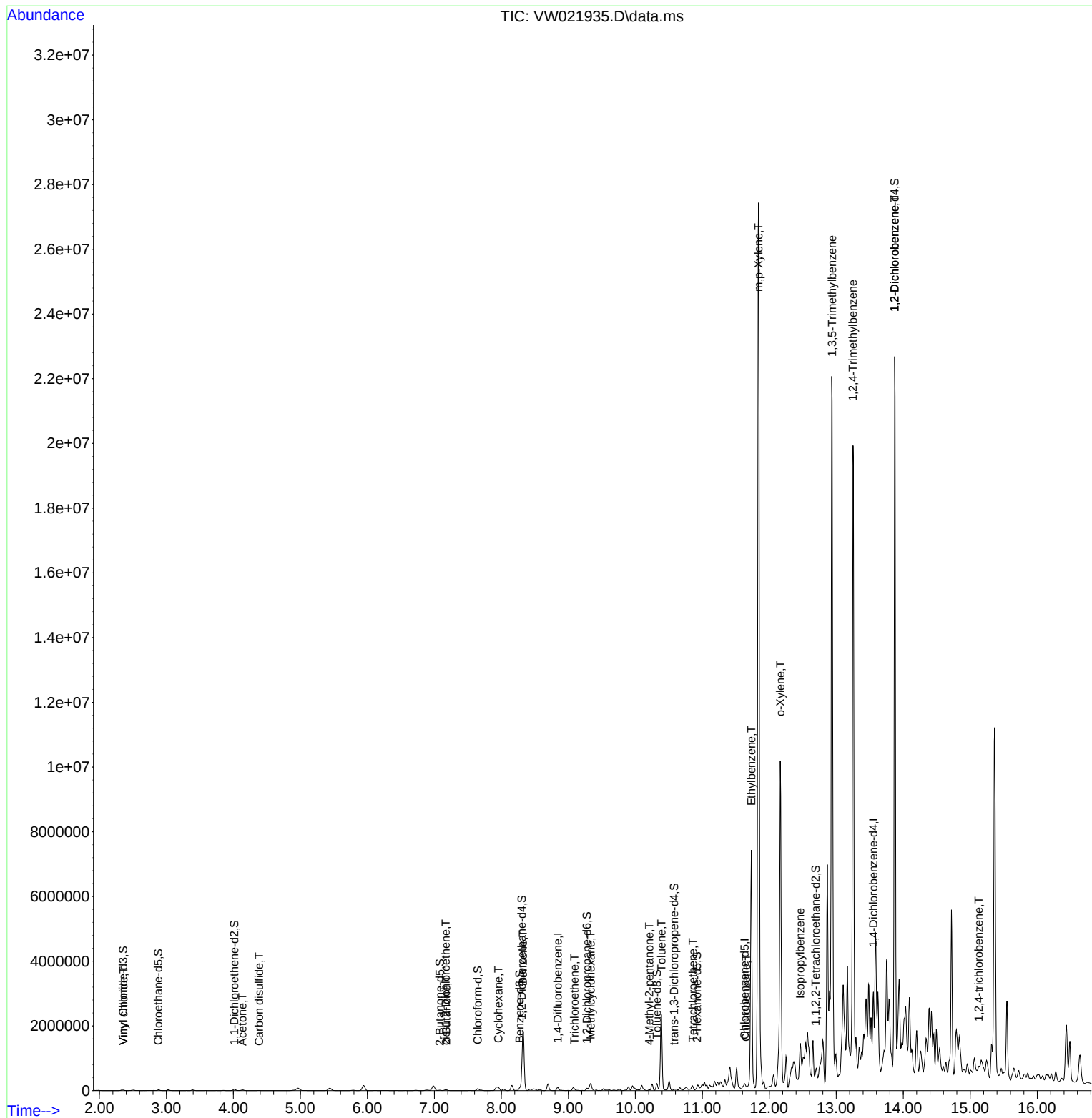
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
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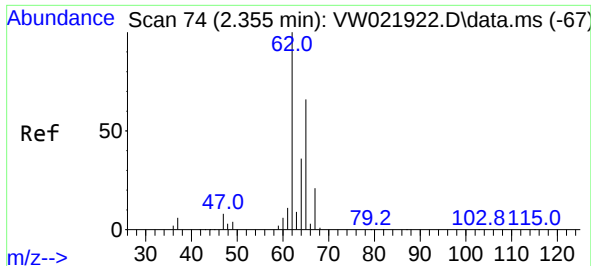
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
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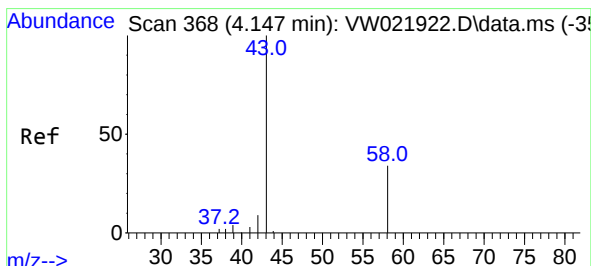
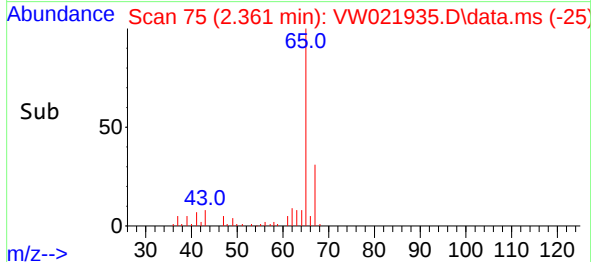
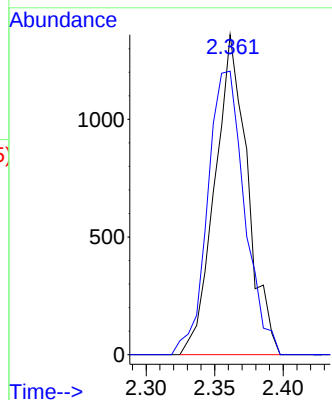
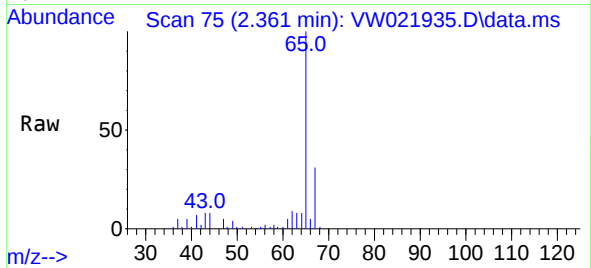
#5
 Vinyl chloride
 Concen: 1.402 ug/L
 RT: 2.361 min Scan# 74
 Delta R.T. 0.006 min
 Lab File: VW021935.D
 Acq: 15 Jan 2022 04:07

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLT4

Tgt Ion: 62 Resp: 2259
 Ion Ratio Lower Upper
 62 100
 64 88.6 24.4 45.2

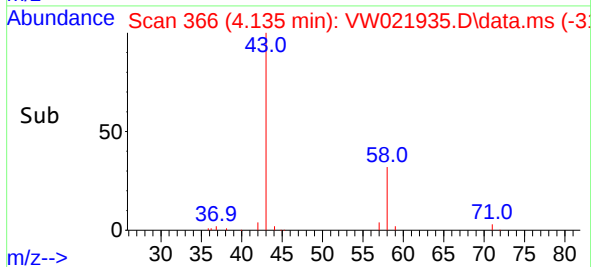
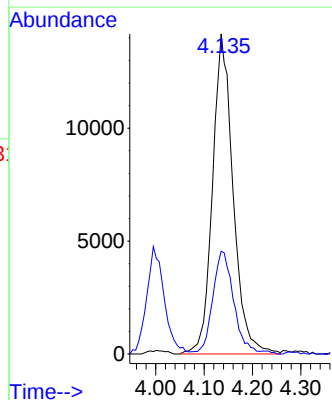
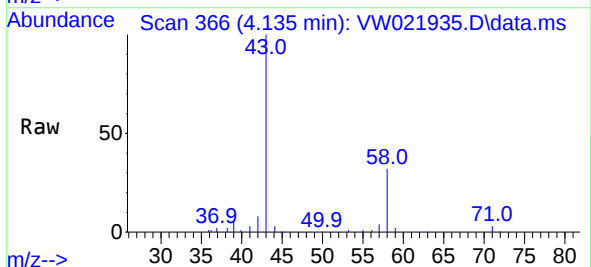
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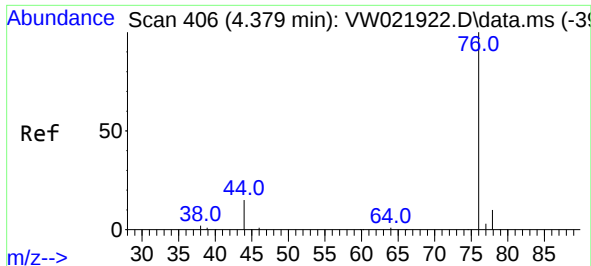
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#13
 Acetone
 Concen: 246.497 ug/L
 RT: 4.135 min Scan# 366
 Delta R.T. -0.012 min
 Lab File: VW021935.D
 Acq: 15 Jan 2022 04:07

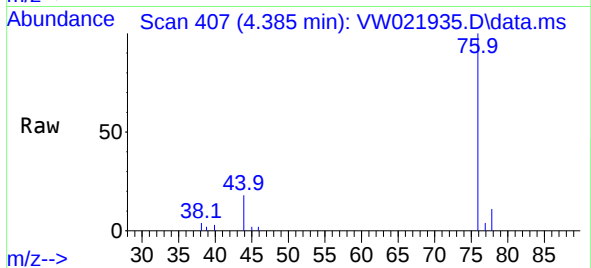
Tgt Ion: 43 Resp: 41910
 Ion Ratio Lower Upper
 43 100
 58 30.8 0.0 52.8





#14
Carbon disulfide
Concen: 2.896 ug/L
RT: 4.385 min Scan# 406
Delta R.T. 0.006 min
Lab File: VW021935.D
Acq: 15 Jan 2022 04:07

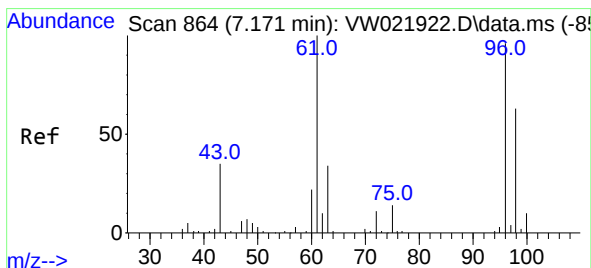
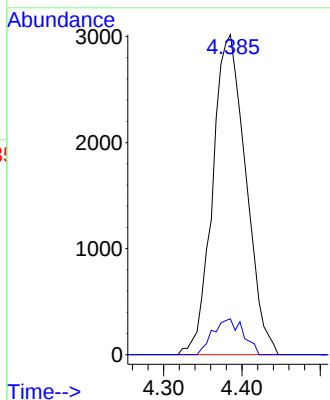
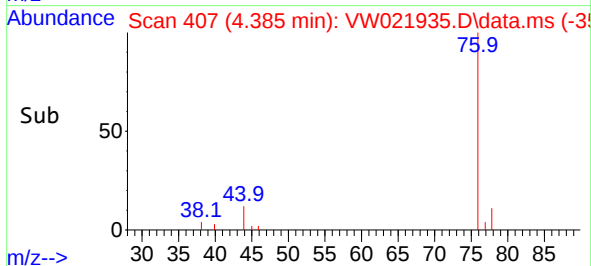
Instrument :
MSVOA_W
ClientSampleId :
BGLT4



Tgt Ion: 76 Resp: 887
Ion Ratio Lower Upper
76 100
78 11.2 7.1 10.7

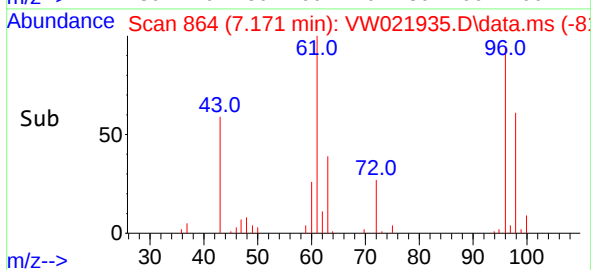
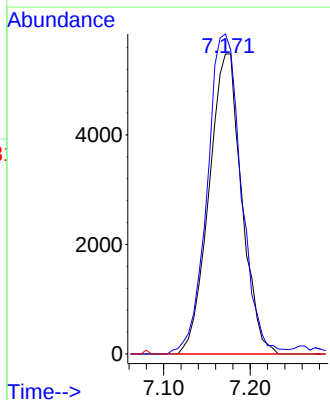
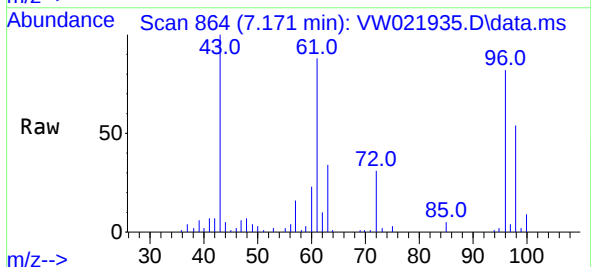
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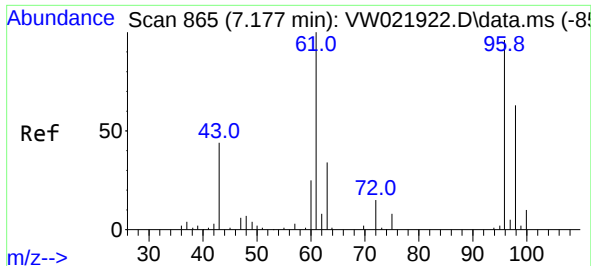
Reviewed By :Semsettin Yesilyurt 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022



#20
cis-1,2-Dichloroethene
Concen: 11.041 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW021935.D
Acq: 15 Jan 2022 04:07

Tgt Ion: 96 Resp: 14370
Ion Ratio Lower Upper
96 100
61 106.7 103.7 192.7
68 0.0 0.0 0.0





#22

2-Butanone

Concen: 87.375 ug/L

RT: 7.177 min Scan# 865

Delta R.T. 0.000 min

Lab File: VW021935.D

Acq: 15 Jan 2022 04:07

Instrument :

MSVOA_W

ClientSampleId :

BGLT4

Tgt Ion: 43 Resp: 18989

Ion Ratio Lower Upper

43 100

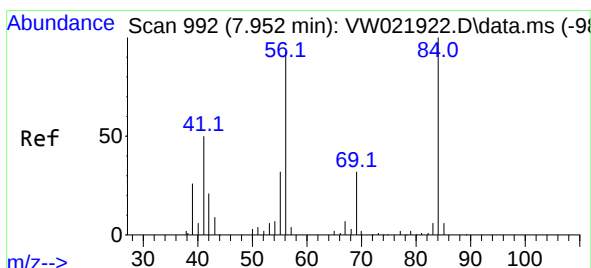
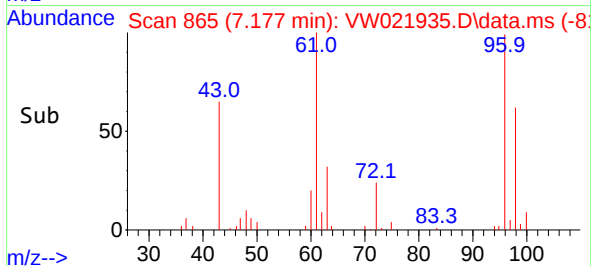
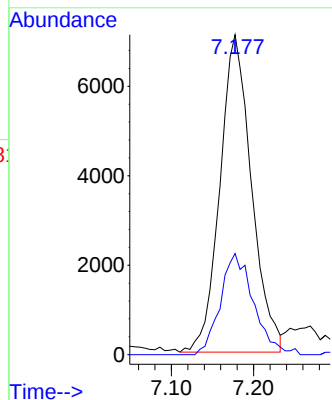
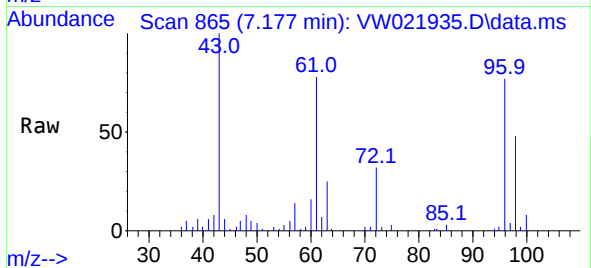
72 33.2 11.8 35.4

Manual Integrations

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#29

Cyclohexane

Concen: 70.712 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.006 min

Lab File: VW021935.D

Acq: 15 Jan 2022 04:07

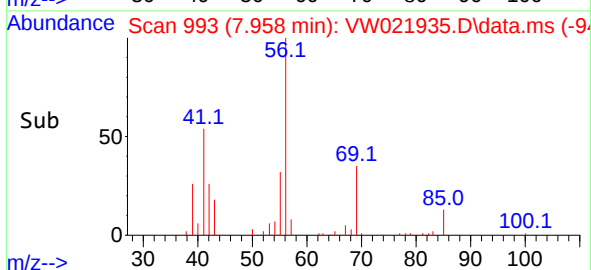
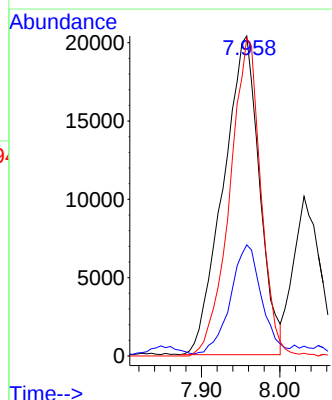
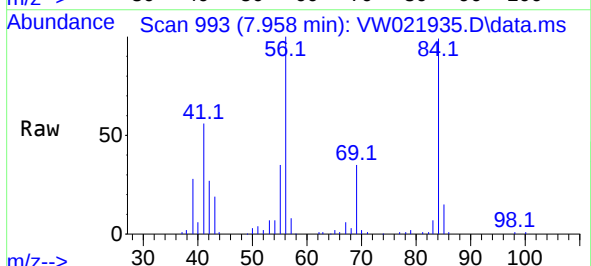
Tgt Ion: 56 Resp: 65389

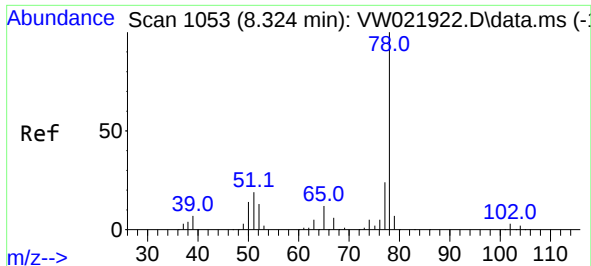
Ion Ratio Lower Upper

56 100

69 29.4 23.5 35.3

84 85.2 63.4 95.2





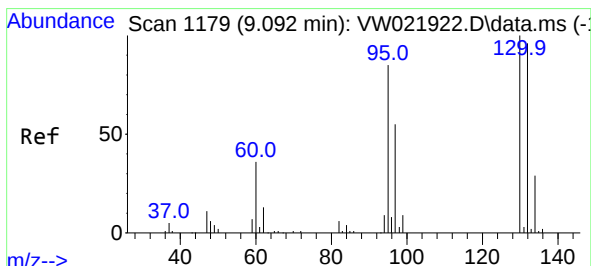
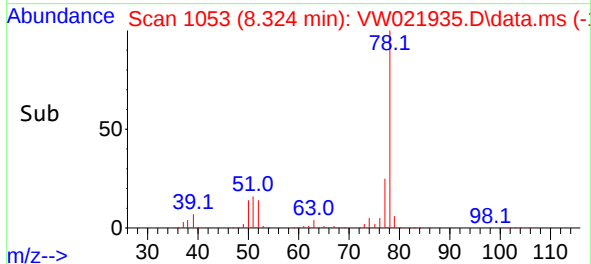
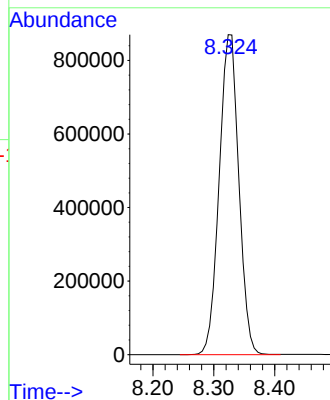
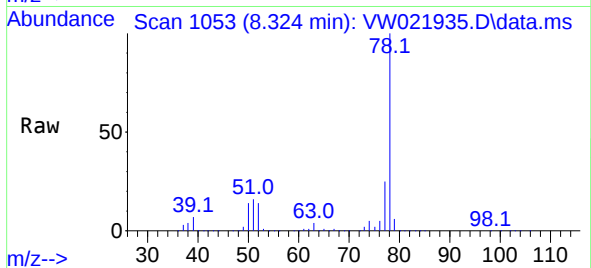
#33
Benzene
Concen: 768.463 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW021935.D
Acq: 15 Jan 2022 04:07

Instrument :
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BGLT4

Tgt Ion: 78 Resp: 194774

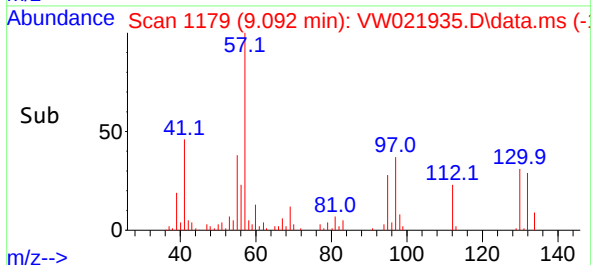
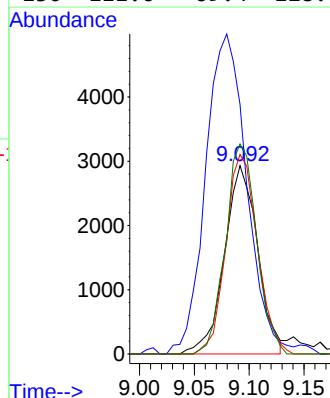
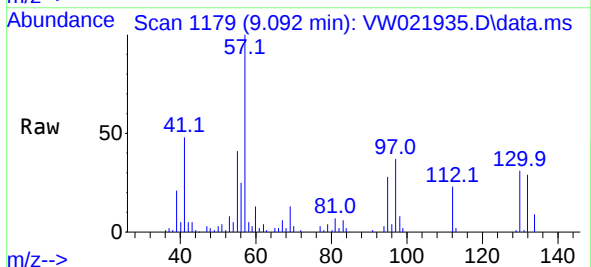
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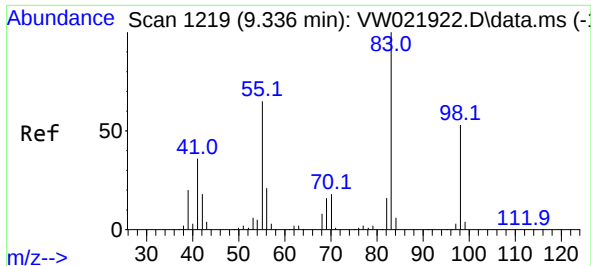
Reviewed By :Semsettin Yesilyurt 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022



#34
Trichloroethene
Concen: 8.408 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW021935.D
Acq: 15 Jan 2022 04:07

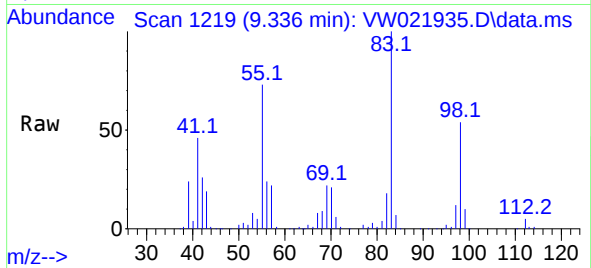
Tgt Ion: 95 Resp: 6183
Ion Ratio Lower Upper
95 100
97 132.5 47.0 87.2#
132 106.0 65.5 121.6
130 111.6 69.4 128.8





#35
Methylcyclohexane
Concen: 69.967 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW021935.D
Acq: 15 Jan 2022 04:07

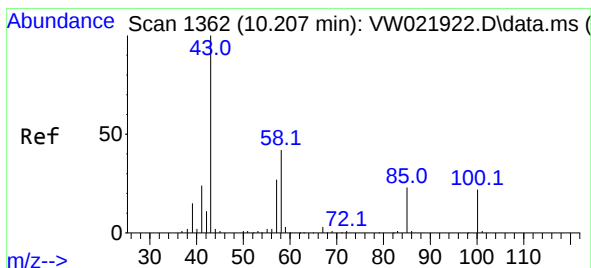
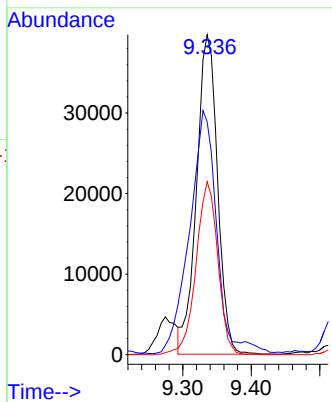
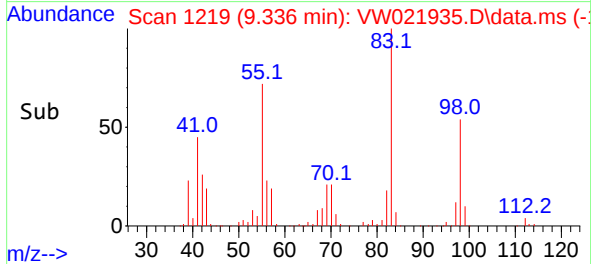
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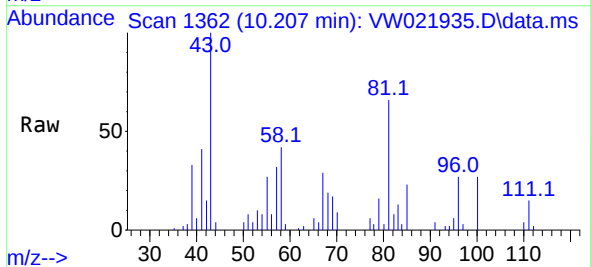
Tgt Ion: 83 Resp: 84608
Ion Ratio Lower Upper
83 100
55 95.1 70.8 106.2
98 56.2 37.7 56.5

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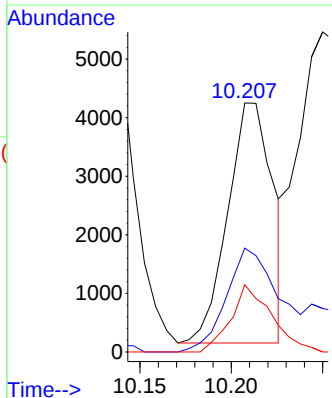
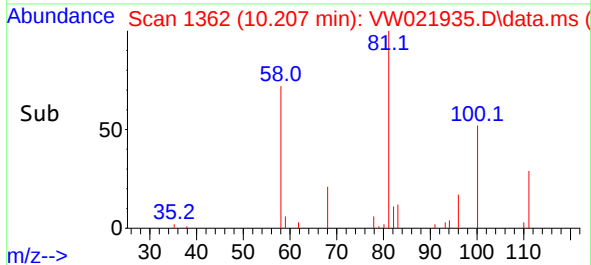
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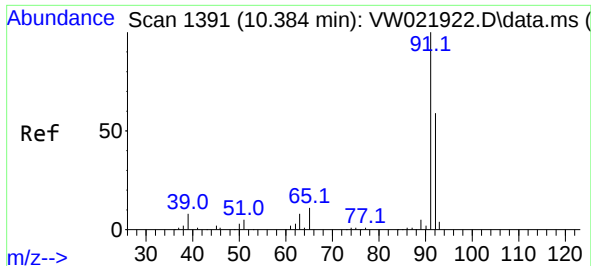


#40
4-Methyl-2-pentanone
Concen: 27.141 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW021935.D
Acq: 15 Jan 2022 04:07



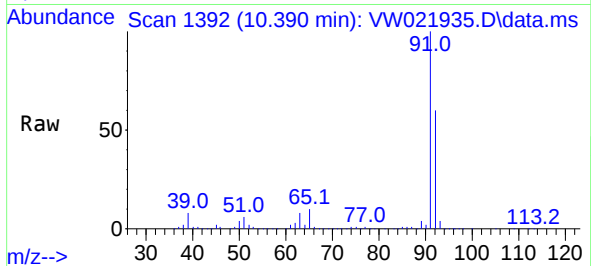
Tgt Ion: 43 Resp: 7040
Ion Ratio Lower Upper
43 100
58 50.5 28.8 43.2#
100 25.4 10.0 15.0#





#42
Toluene
Concen: 618.318 ug/L
RT: 10.390 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW021935.D
Acq: 15 Jan 2022 04:07

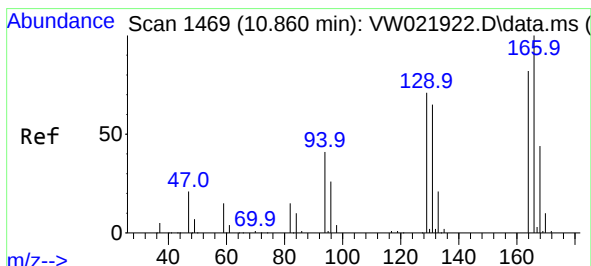
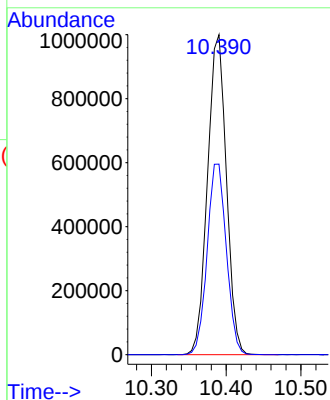
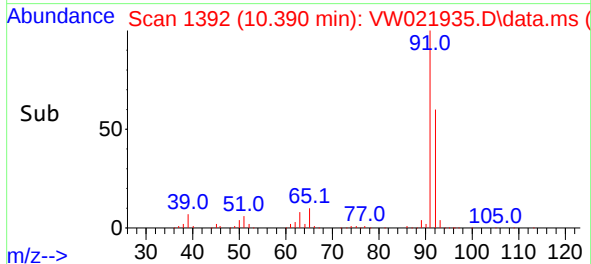
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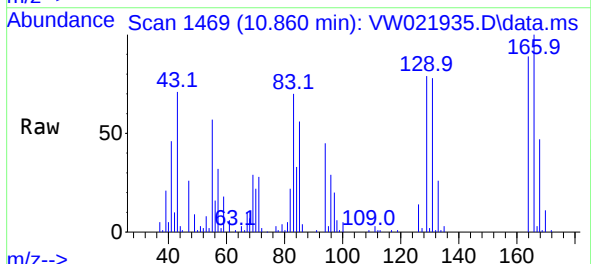
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Ion Ratio Lower Upper
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92 59.6 41.7 77.5

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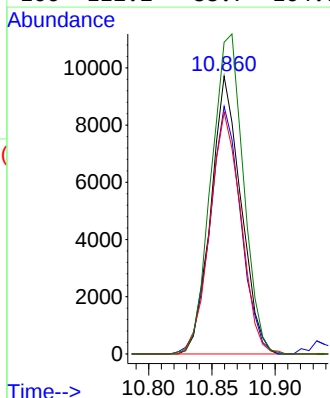
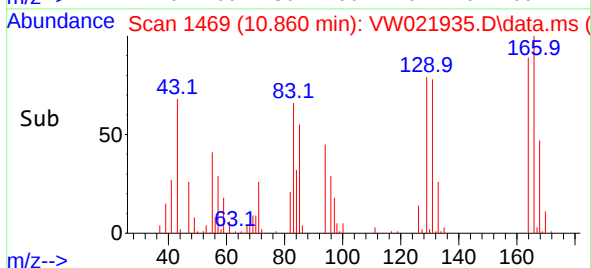
Reviewed By :Semsettin Yesilyurt 01/17/2022
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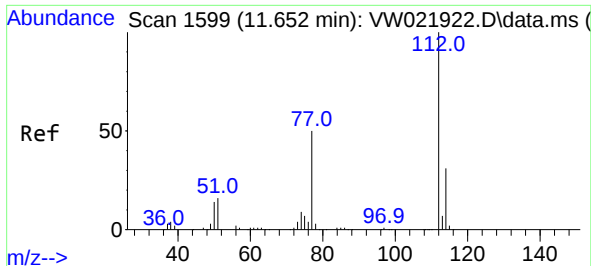


#46
Tetrachloroethene
Concen: 22.074 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW021935.D
Acq: 15 Jan 2022 04:07



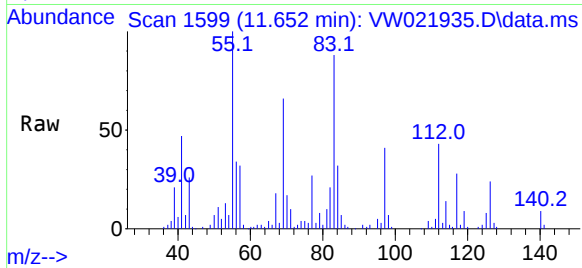
Tgt Ion:164 Resp: 16051
Ion Ratio Lower Upper
164 100
129 89.1 65.5 121.7
131 87.0 59.7 110.9
166 112.2 88.7 164.7





#51
Chlorobenzene
Concen: 5.843 ug/L
RT: 11.652 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VW021935.D
Acq: 15 Jan 2022 04:07

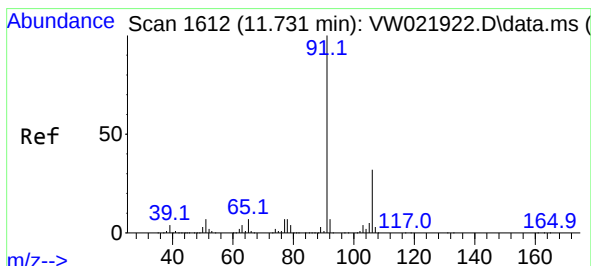
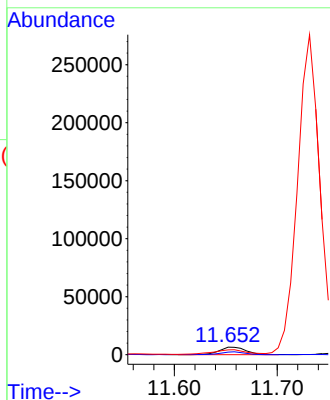
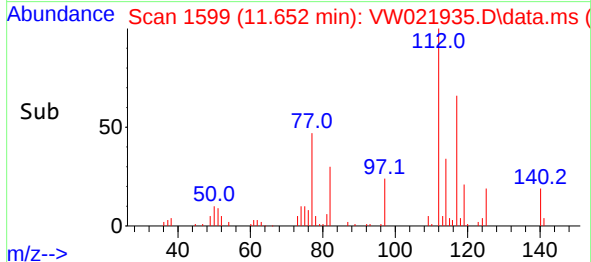
Instrument :
MSVOA_W
ClientSampleId :
BGLT4



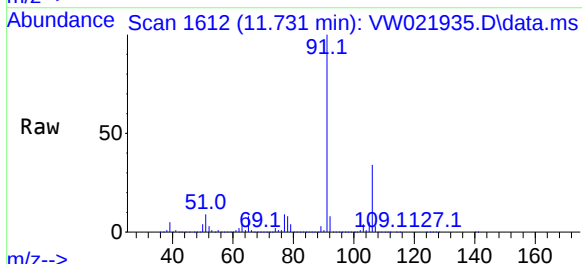
Tgt Ion:112 Resp: 1172
Ion Ratio Lower Upper
112 100
114 33.2 22.4 41.6
77 62.6 50.2 75.4

Manual Integrations
APPROVED

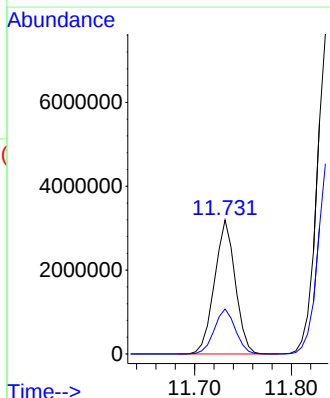
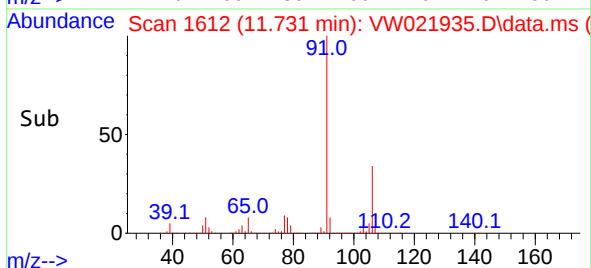
Reviewed By :Semsettin Yesilyurt 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022

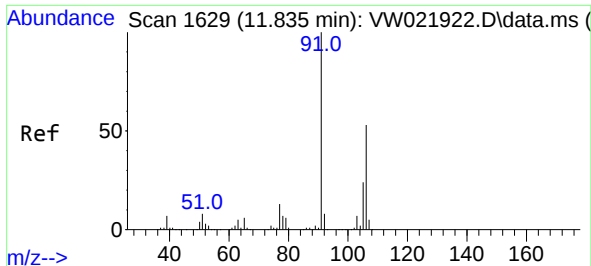


#52
Ethylbenzene
Concen: 1506.466 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW021935.D
Acq: 15 Jan 2022 04:07



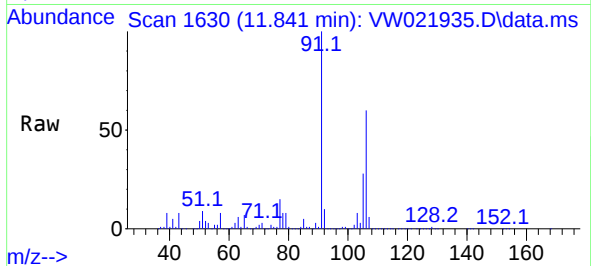
Tgt Ion: 91 Resp: 4757293
Ion Ratio Lower Upper
91 100
106 33.5 21.5 39.9





#53
m,p-Xylene
Concen: 5653.204 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW021935.D
Acq: 15 Jan 2022 04:07

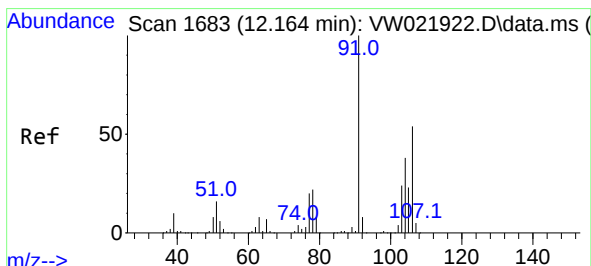
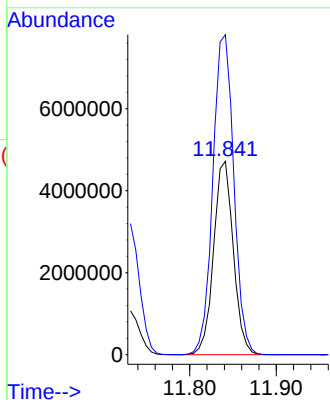
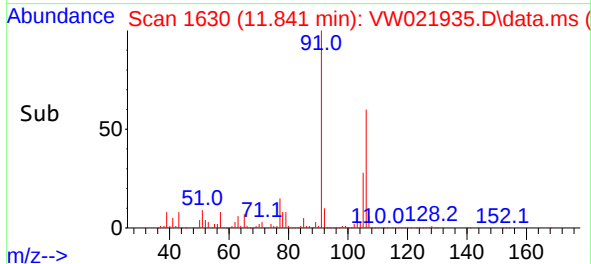
Instrument :
MSVOA_W
ClientSampleId :
BGLT4



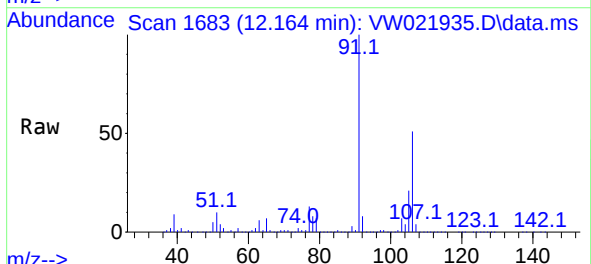
Tgt Ion:106 Resp: 746504
Ion Ratio Lower Upper
106 100
91 165.4 149.9 278.3

Manual Integrations
APPROVED

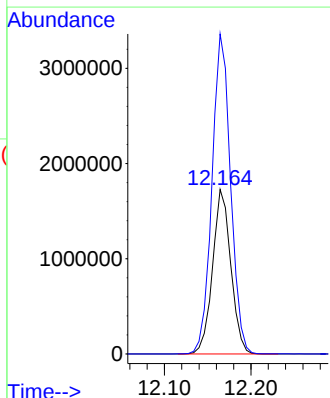
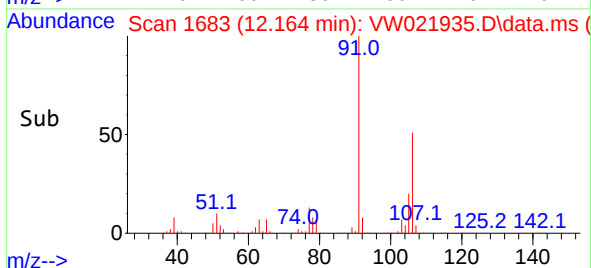
Reviewed By :Semsettin Yesilyurt 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022

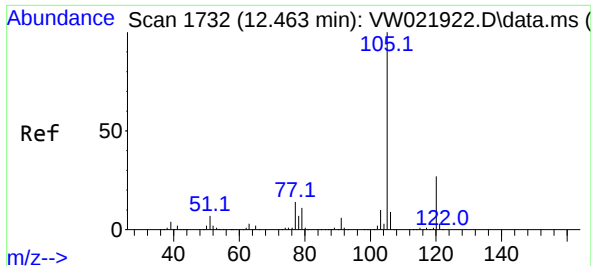


#54
o-Xylene
Concen: 2058.160 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW021935.D
Acq: 15 Jan 2022 04:07



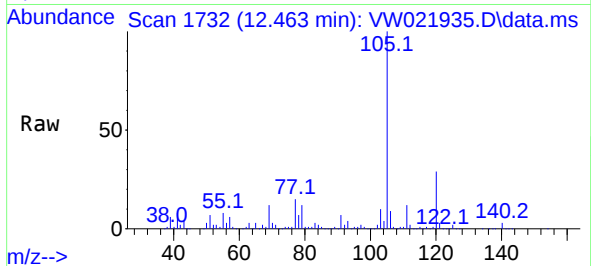
Tgt Ion:106 Resp: 2523123
Ion Ratio Lower Upper
106 100
91 194.6 153.6 285.3





#60
Isopropylbenzene
Concen: 300.818 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021935.D
Acq: 15 Jan 2022 04:07

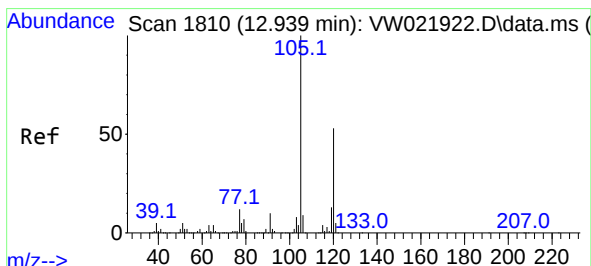
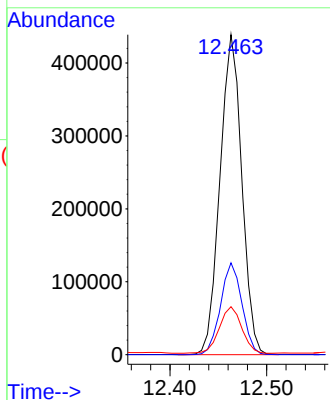
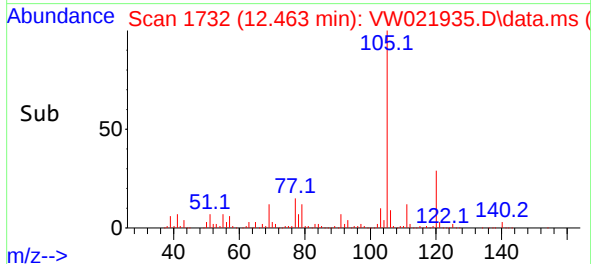
Instrument :
MSVOA_W
ClientSampleId :
BGLT4



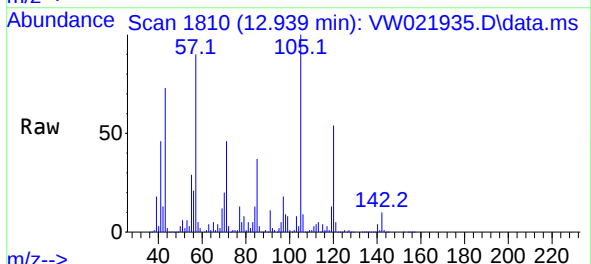
Tgt Ion:105 Resp: 68664
Ion Ratio Lower Upper
105 100
120 28.2 20.1 30.1
77 14.9 13.8 20.8

Manual Integrations
APPROVED

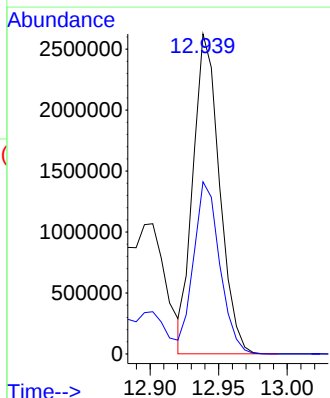
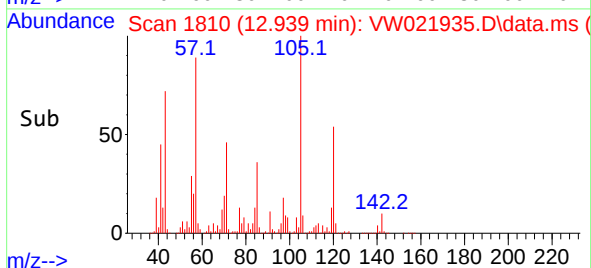
Reviewed By :Semsettin Yesilyurt 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022

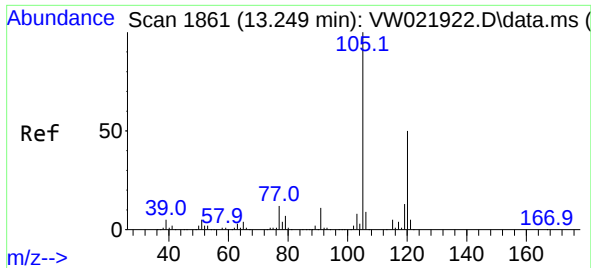


#62
1,3,5-Trimethylbenzene
Concen: 1856.907 ug/L
RT: 12.939 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW021935.D
Acq: 15 Jan 2022 04:07



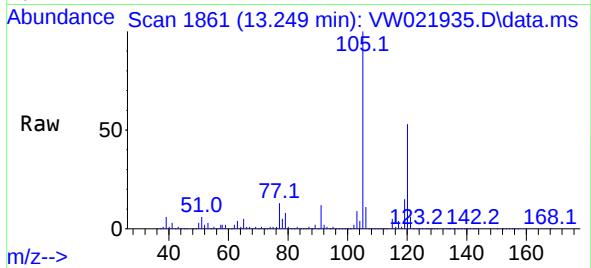
Tgt Ion:105 Resp: 3509885
Ion Ratio Lower Upper
105 100
120 53.2 37.4 56.2





#63
1,2,4-Trimethylbenzene
Concen: 5055.626 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW021935.D
Acq: 15 Jan 2022 04:07

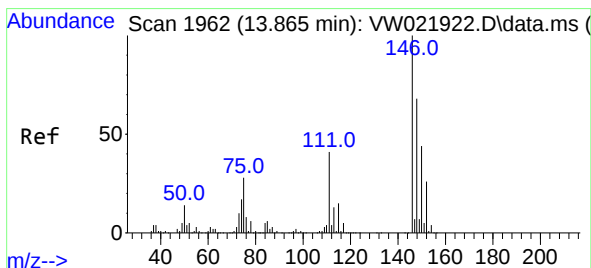
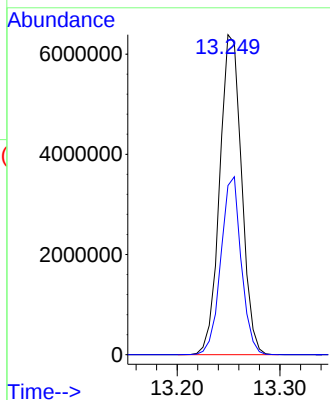
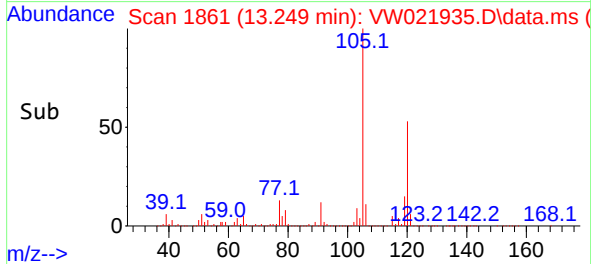
Instrument :
MSVOA_W
ClientSampleId :
BGLT4



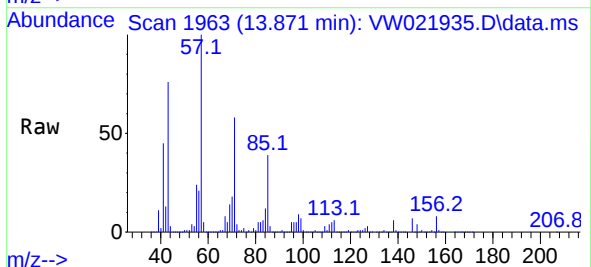
Tgt Ion:105 Resp: 9424608
Ion Ratio Lower Upper
105 100
120 51.7 35.0 52.6

Manual Integrations
APPROVED

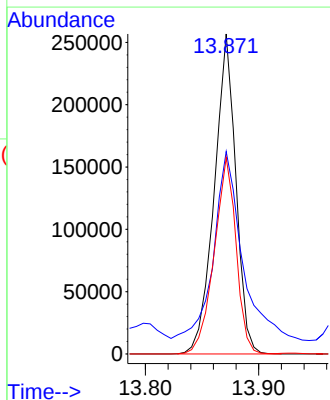
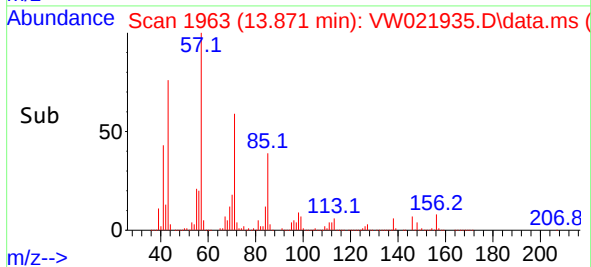
Reviewed By :Semsettin Yesilyurt 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022

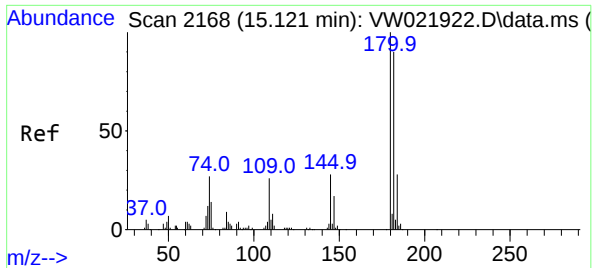


#67
1,2-Dichlorobenzene
Concen: 337.527 ug/L m
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW021935.D
Acq: 15 Jan 2022 04:07



Tgt Ion:146 Resp: 339145
Ion Ratio Lower Upper
146 100
111 63.2 33.1 49.7#
148 61.4 47.4 71.2





#70
1,2,4-trichlorobenzene
Concen: 83.774 ug/L
RT: 15.127 min Scan# 2168
Delta R.T. 0.006 min
Lab File: VW021935.D
Acq: 15 Jan 2022 04:07

Instrument :
MSVOA_W
ClientSampleId :
BGLT4

Tgt Ion:	180	Resp:	5693
Ion Ratio	Lower	Upper	
180	100		
182	98.7	79.0	118.6
145	124.7	26.0	39.0

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022

