

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072222\
 Data File : VW023992.D
 Acq On : 22 Jul 2022 09:02
 Operator : SY/VA
 Sample : N3709-07RE
 Misc : 7.95g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 H0B23RE

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/24/2022
 Supervised By : Mahesh Dadoda 07/24/2022

Quant Time: Jul 22 23:10:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 22 23:08:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	232038	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	187380	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	63924m	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	119498	20.164	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.640%
7) Chloroethane-d5	2.873	69	83641	21.155	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.640%
11) 1,1-Dichloroethene-d2	4.007	63	75819	15.711	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.840%
21) 2-Butanone-d5	7.080	46	33578m	36.527	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.060%
24) Chloroform-d	7.641	84	104583	15.481	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	61.920%
26) 1,2-Dichloroethane-d4	8.299	65	97043	23.487	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.960%
32) Benzene-d6	8.268	84	276723	28.409	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.640%
36) 1,2-Dichloropropane-d6	9.274	67	87435	29.800	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.200%
41) Toluene-d8	10.323	98	226089	22.883	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.520%
43) trans-1,3-Dichloroprop...	10.573	79	10054	7.310	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	29.240%#
47) 2-Hexanone-d5	10.920	63	29199	47.326	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.660%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	57578	17.757	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	71.040%
66) 1,2-Dichlorobenzene-d4	13.853	152	50931	22.319	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.280%
Target Compounds						Qvalue
13) Acetone	4.117	43	22599	34.772	ug/L	98
14) Carbon disulfide	4.373	76	32874	4.543	ug/L	98
22) 2-Butanone	7.177	43	7652	7.164	ug/L	94
33) Benzene	8.323	78	42583	3.999	ug/L	100
35) Methylcyclohexane	9.329	83	6274	1.465	ug/L	95
42) Toluene	10.384	91	14583	1.201	ug/L	94
51) Chlorobenzene	11.652	112	728823	88.987	ug/L	98
52) Ethylbenzene	11.731	91	9070	0.657	ug/L	89
53) m,p-Xylene	11.835	106	49052	9.110	ug/L	96
54) o-Xylene	12.164	106	10278	1.988	ug/L	92
60) Isopropylbenzene	12.463	105	349668	40.721	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	16911	2.405	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	109573	15.589	ug/L	99
65) 1,4-Dichlorobenzene	13.572	146	2214949	534.002	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	21322	5.799	ug/L #	74

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

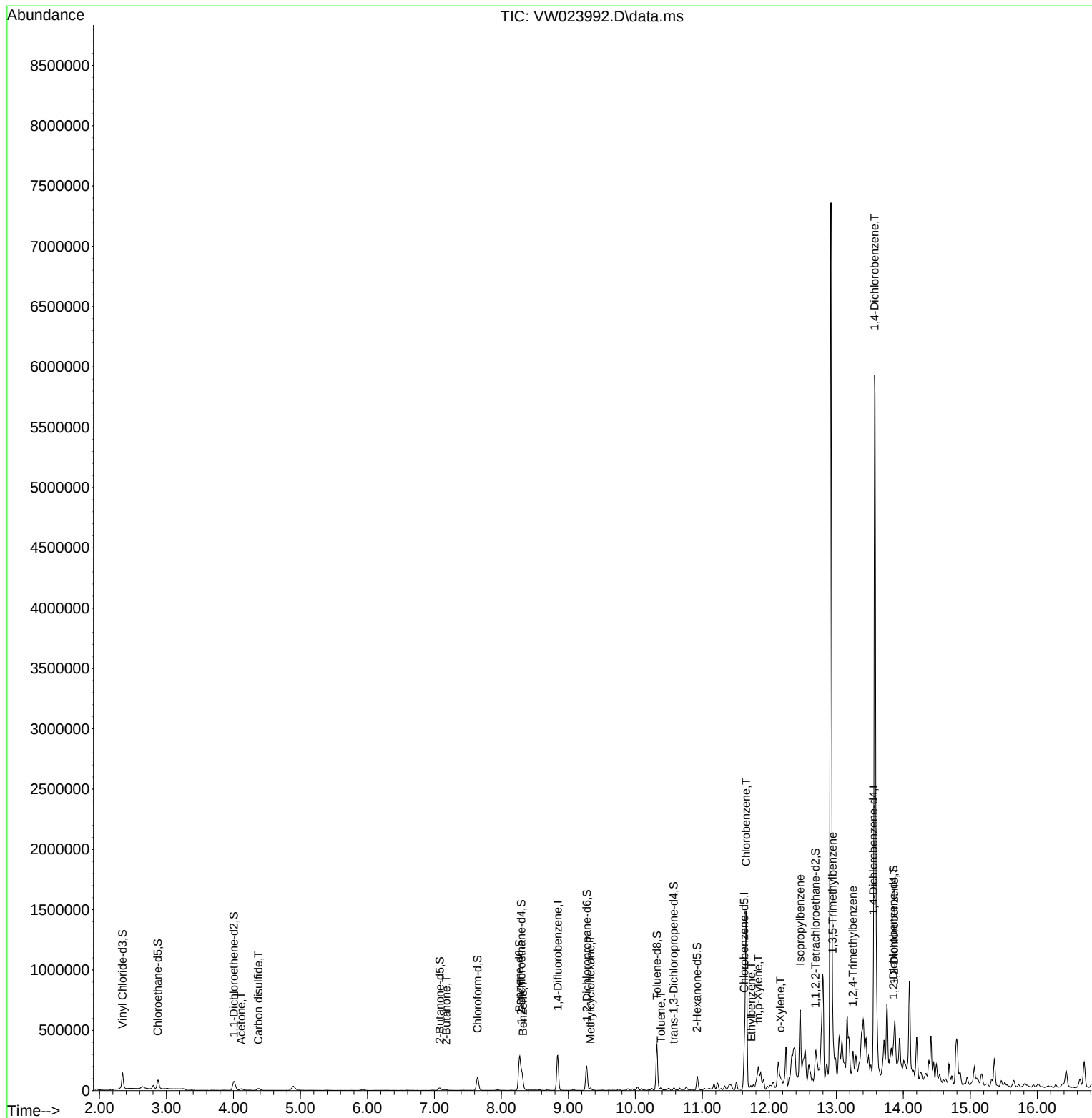
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072222\
Data File : VW023992.D
Acq On : 22 Jul 2022 09:02
Operator : SY/VA
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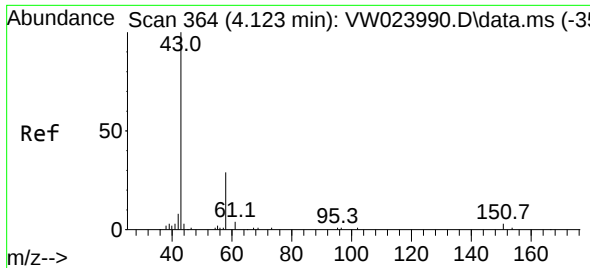
Instrument :
MSVOA_W
ClientSampleId :
H0B23RE

Manual Integrations
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Supervised By : Mahesh Dadoda 07/24/2022

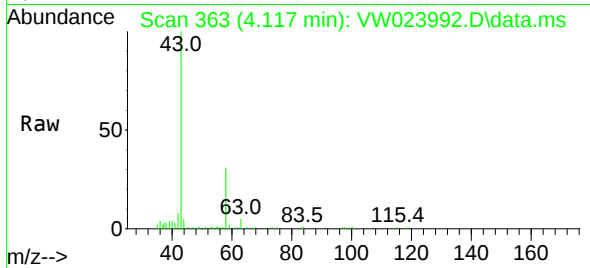
Quant Time: Jul 22 23:10:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jul 22 23:08:43 2022
Response via : Initial Calibration





#13
Acetone
Concen: 34.772 ug/L
RT: 4.117 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW023992.D
Acq: 22 Jul 2022 09:02

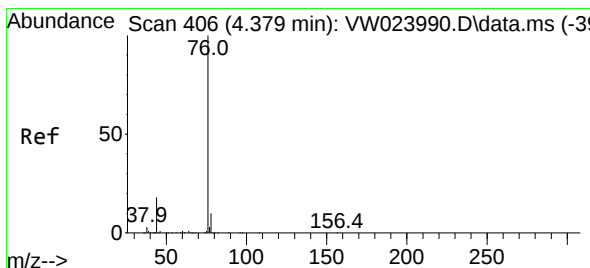
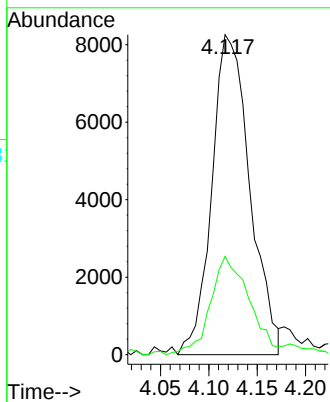
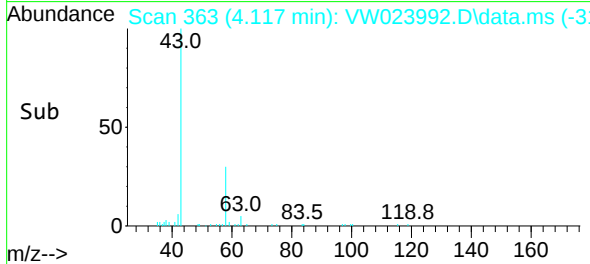
Instrument :
MSVOA_W
ClientSampleId :
H0B23RE



Tgt Ion: 43 Resp: 2259
Ion Ratio Lower Upper
43 100
58 31.2 0.0 64.2

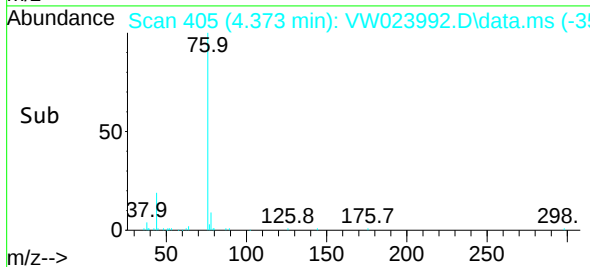
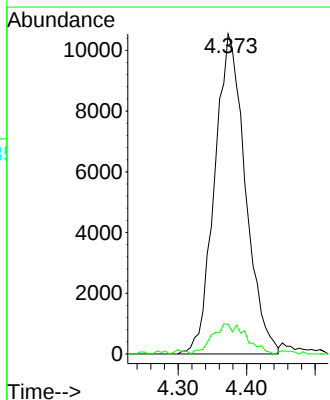
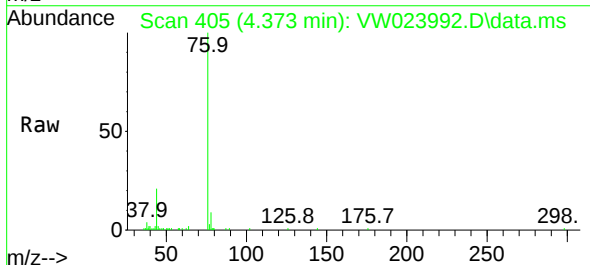
Manual Integrations
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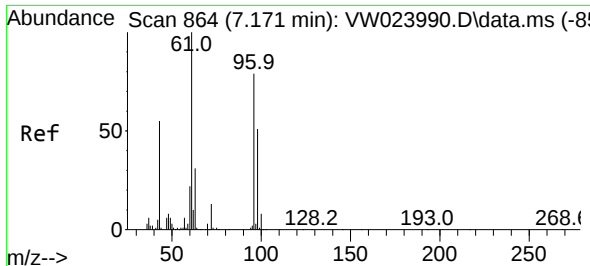
Reviewed By :Semsettin Yesilyurt 07/24/2022
Supervised By :Mahesh Dadoda 07/24/2022



#14
Carbon disulfide
Concen: 4.543 ug/L
RT: 4.373 min Scan# 405
Delta R.T. -0.006 min
Lab File: VW023992.D
Acq: 22 Jul 2022 09:02

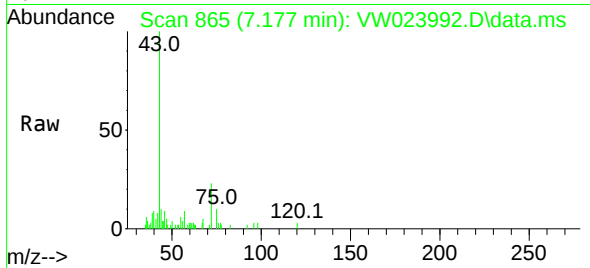
Tgt Ion: 76 Resp: 32874
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8





#22
2-Butanone
Concen: 7.164 ug/L
RT: 7.177 min Scan# 80
Delta R.T. 0.006 min
Lab File: VW023992.D
Acq: 22 Jul 2022 09:02

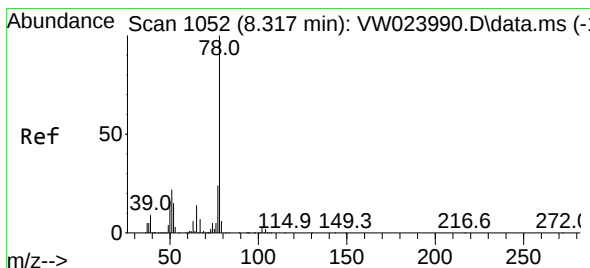
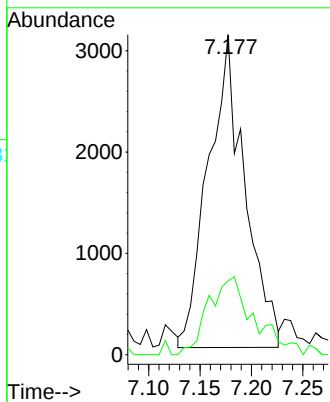
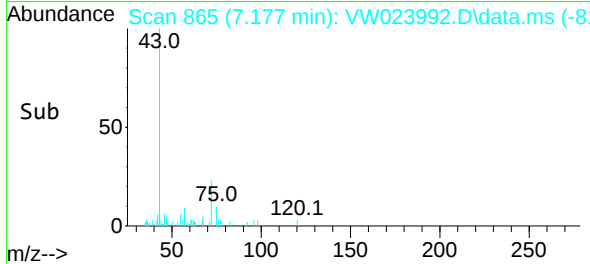
Instrument :
MSVOA_W
ClientSampleId :
H0B23RE



Tgt Ion: 43 Resp: 7652
Ion Ratio Lower Upper
43 100
72 26.0 14.7 44.1

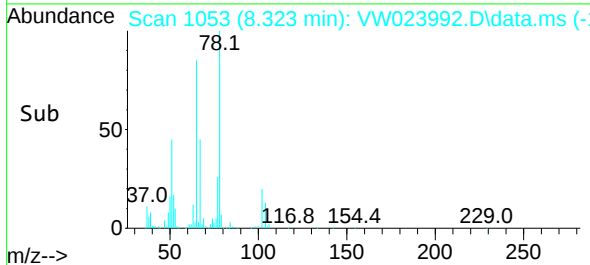
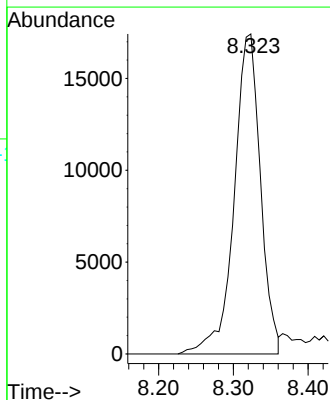
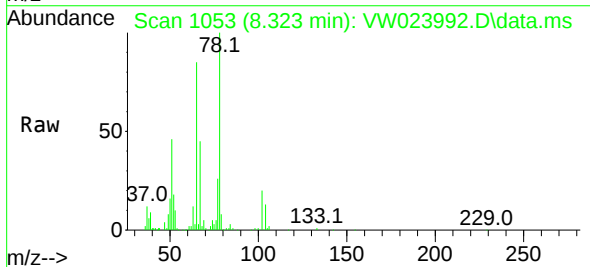
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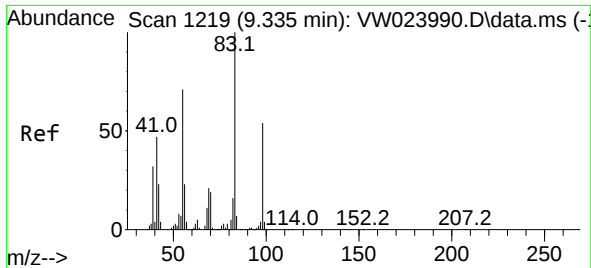
Reviewed By :Semsettin Yesilyurt 07/24/2022
Supervised By :Mahesh Dadoda 07/24/2022



#33
Benzene
Concen: 3.999 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VW023992.D
Acq: 22 Jul 2022 09:02

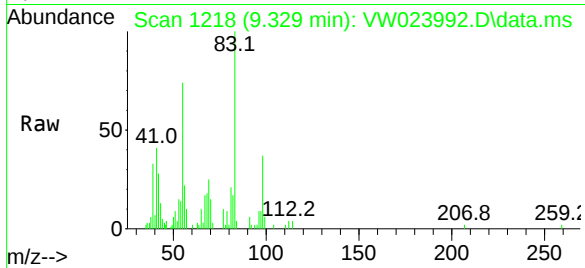
Tgt Ion: 78 Resp: 42583





#35
Methylcyclohexane
Concen: 1.465 ug/L
RT: 9.329 min Scan# 1219
Delta R.T. -0.006 min
Lab File: VW023992.D
Acq: 22 Jul 2022 09:02

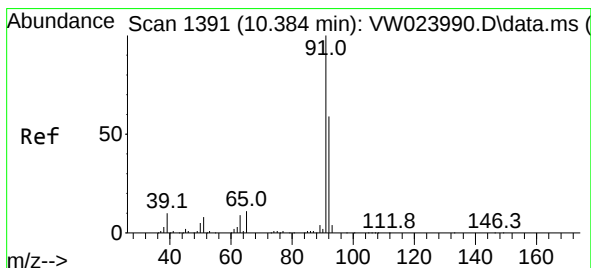
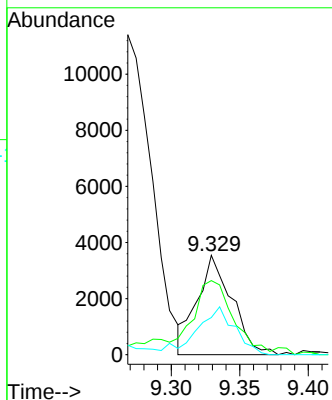
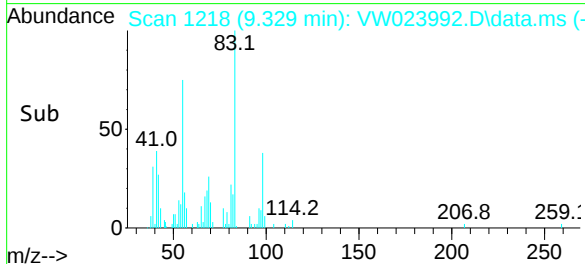
Instrument :
MSVOA_W
ClientSampleId :
H0B23RE



Tgt Ion: 83 Resp: 6274
Ion Ratio Lower Upper
83 100
55 82.4 60.8 91.2
98 48.1 39.5 59.3

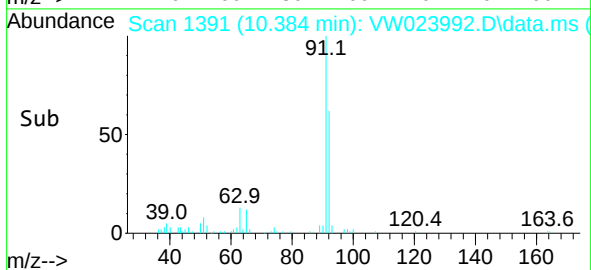
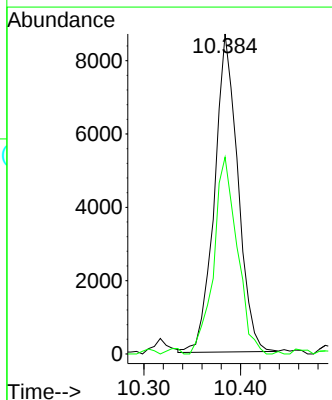
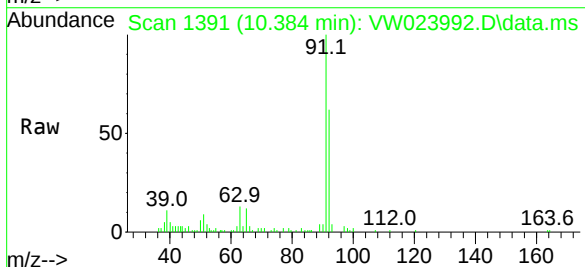
Manual Integrations
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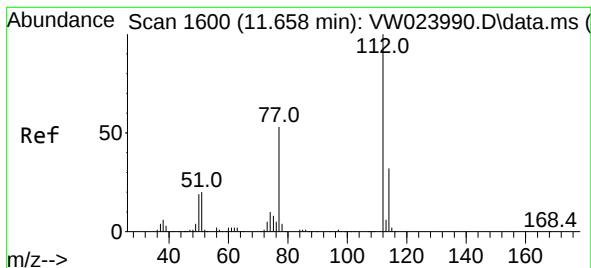
Reviewed By :Semsettin Yesilyurt 07/24/2022
Supervised By :Mahesh Dadoda 07/24/2022



#42
Toluene
Concen: 1.201 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW023992.D
Acq: 22 Jul 2022 09:02

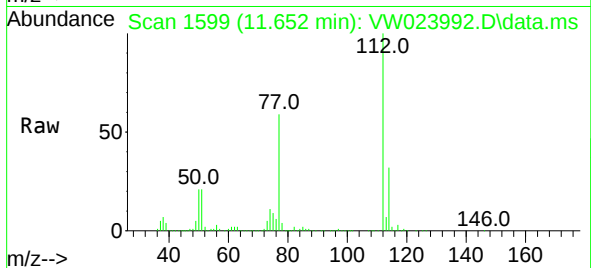
Tgt Ion: 91 Resp: 14583
Ion Ratio Lower Upper
91 100
92 61.5 39.9 74.1





#51
Chlorobenzene
Concen: 88.987 ug/L
RT: 11.652 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW023992.D
Acq: 22 Jul 2022 09:02

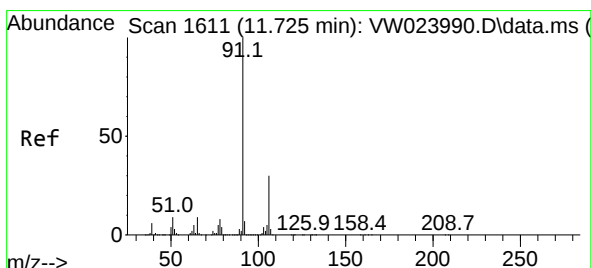
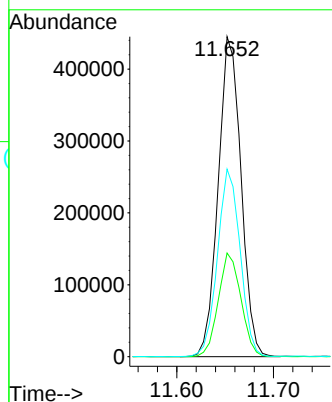
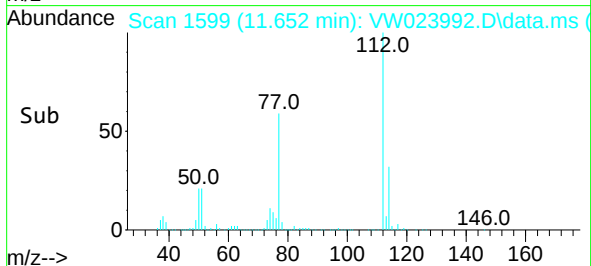
Instrument :
MSVOA_W
ClientSampleId :
H0B23RE



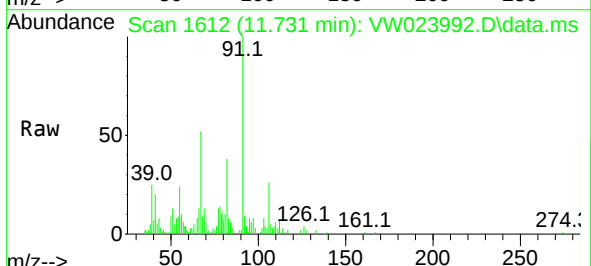
Tgt Ion: 112 Resp: 72882
Ion Ratio Lower Upper
112 100
114 32.4 21.1 39.3
77 58.6 46.6 69.8

Manual Integrations
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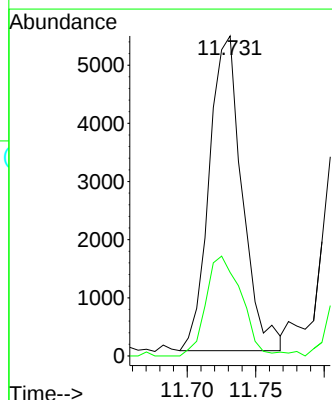
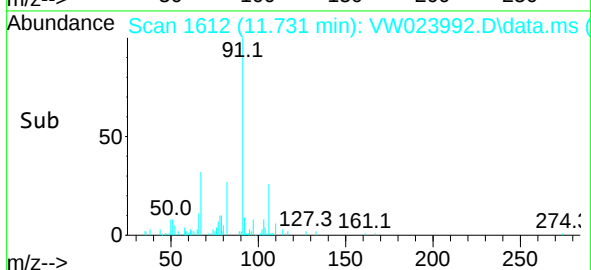
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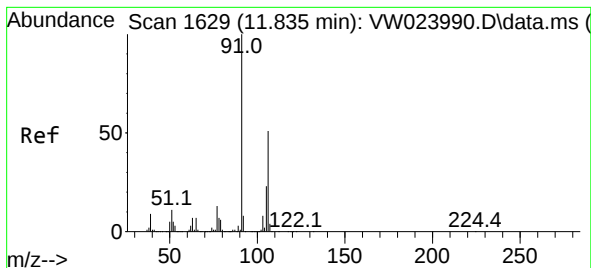


#52
Ethylbenzene
Concen: 0.657 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW023992.D
Acq: 22 Jul 2022 09:02



Tgt Ion: 91 Resp: 9070
Ion Ratio Lower Upper
91 100
106 26.1 22.5 41.9





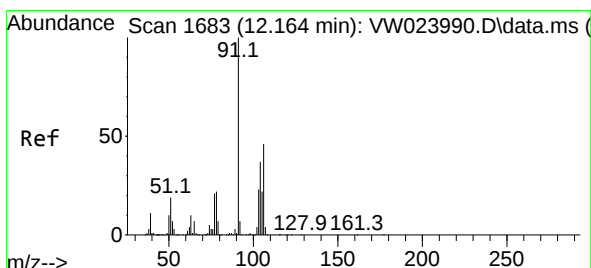
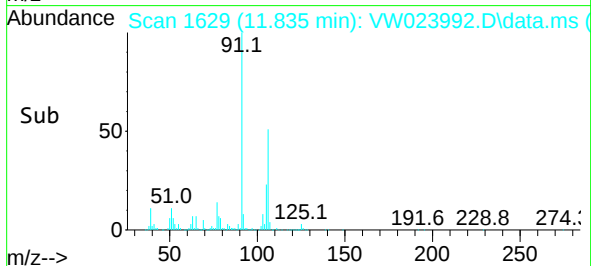
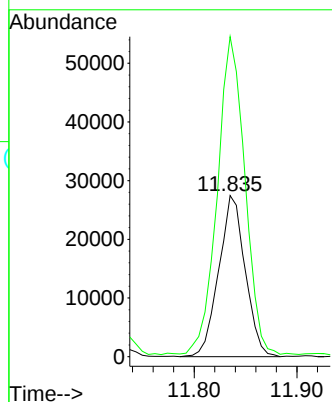
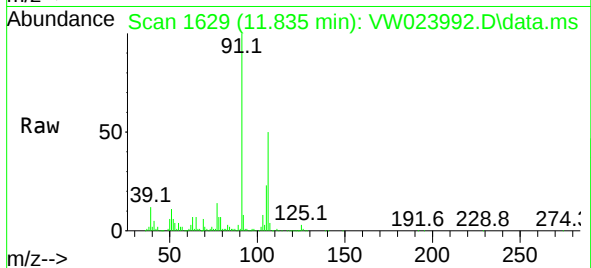
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m,p-Xylene
Concen: 9.110 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW023992.D
Acq: 22 Jul 2022 09:02

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Tgt Ion:106 Resp: 49052
Ion Ratio Lower Upper
106 100
91 198.6 142.8 265.2

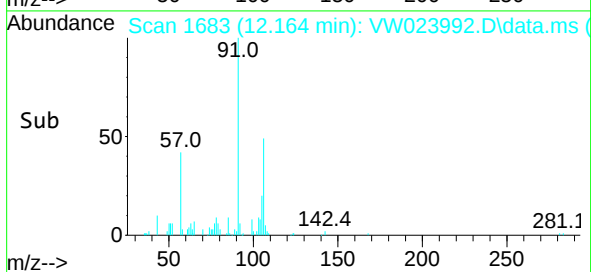
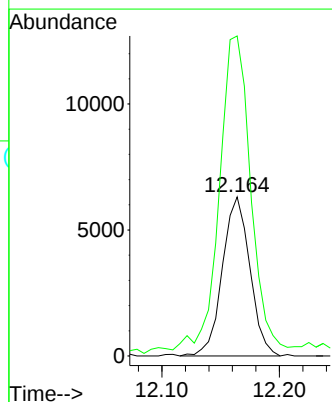
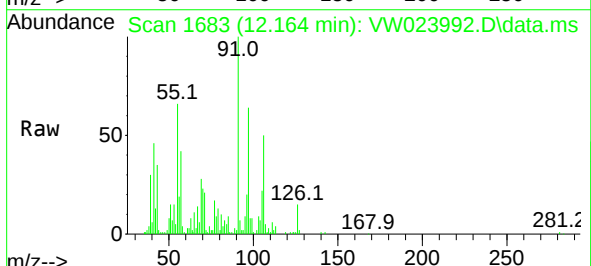
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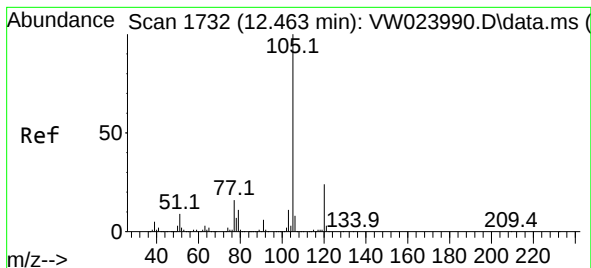
Reviewed By :Semsettin Yesilyurt 07/24/2022
Supervised By :Mahesh Dadoda 07/24/2022



#54
o-Xylene
Concen: 1.988 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW023992.D
Acq: 22 Jul 2022 09:02

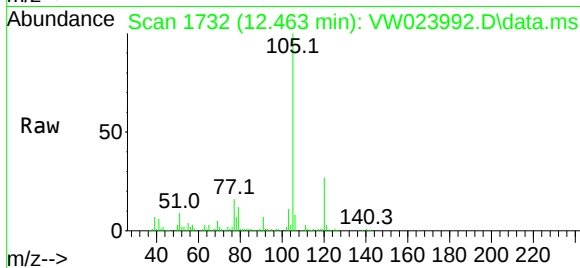
Tgt Ion:106 Resp: 10278
Ion Ratio Lower Upper
106 100
91 201.2 149.6 277.8





#60
Isopropylbenzene
Concen: 40.721 ug/L
RT: 12.463 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023992.D
Acq: 22 Jul 2022 09:02

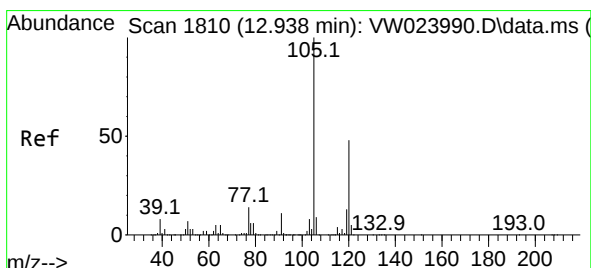
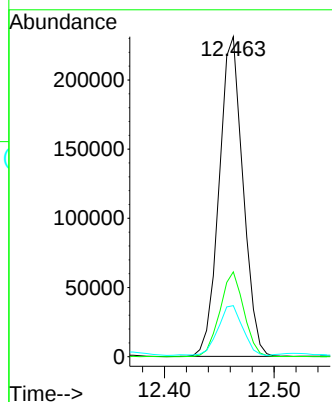
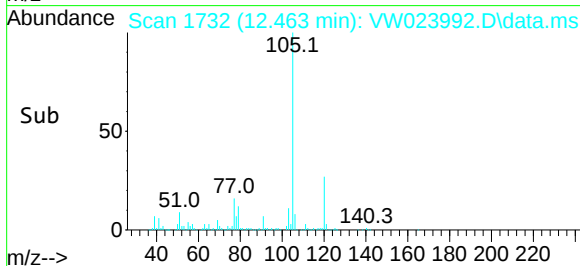
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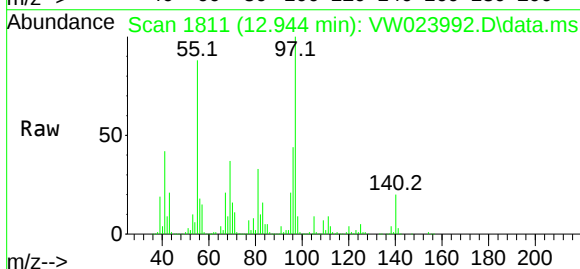
Tgt Ion:105 Resp: 34966
Ion Ratio Lower Upper
105 100
120 26.7 20.7 31.1
77 16.4 13.2 19.8

Manual Integrations
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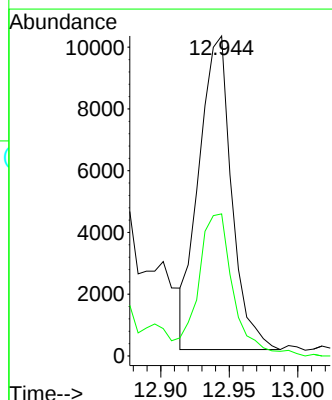
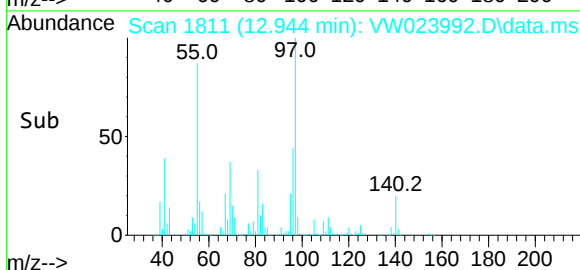
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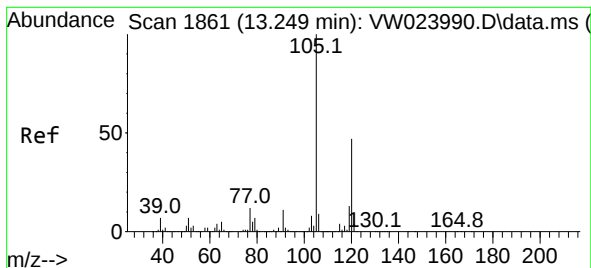


#62
1,3,5-Trimethylbenzene
Concen: 2.405 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VW023992.D
Acq: 22 Jul 2022 09:02



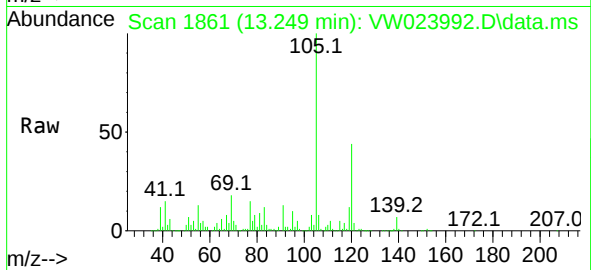
Tgt Ion:105 Resp: 16911
Ion Ratio Lower Upper
105 100
120 44.3 38.7 58.1





#63
1,2,4-Trimethylbenzene
Concen: 15.589 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW023992.D
Acq: 22 Jul 2022 09:02

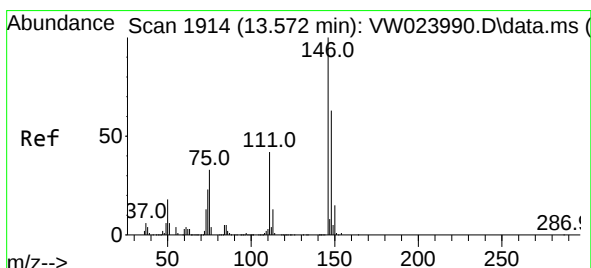
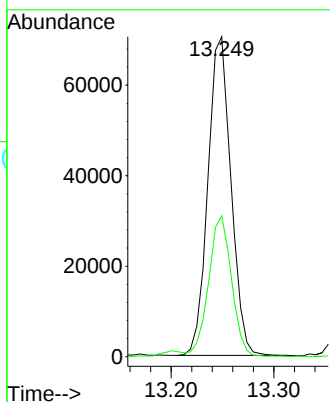
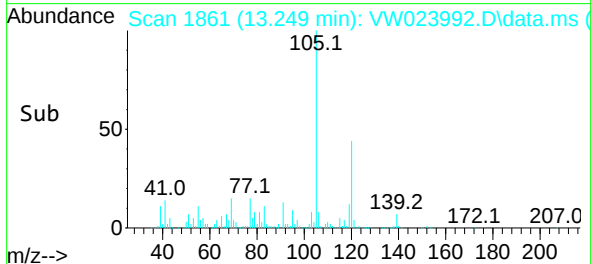
Instrument :
MSVOA_W
ClientSampleId :
H0B23RE



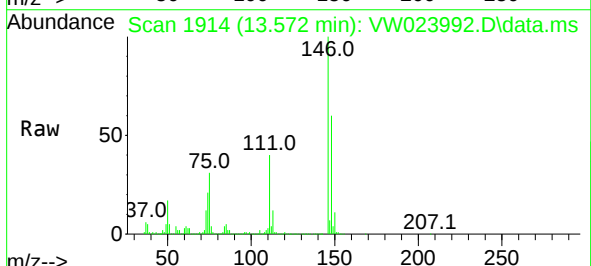
Tgt Ion:105 Resp: 10957
Ion Ratio Lower Upper
105 100
120 43.9 35.5 53.3

Manual Integrations
APPROVED

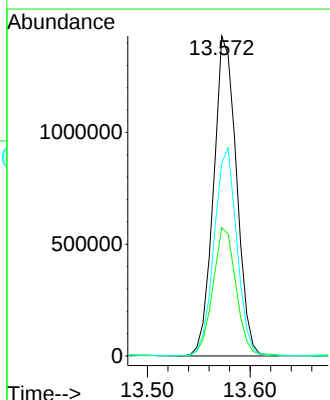
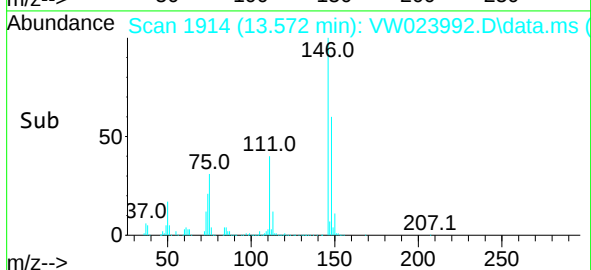
Reviewed By :Semsettin Yesilyurt 07/24/2022
Supervised By :Mahesh Dadoda 07/24/2022

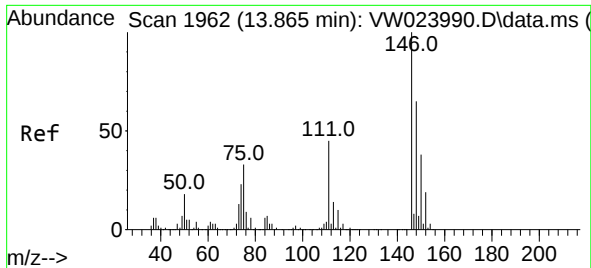


#65
1,4-Dichlorobenzene
Concen: 534.002 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW023992.D
Acq: 22 Jul 2022 09:02



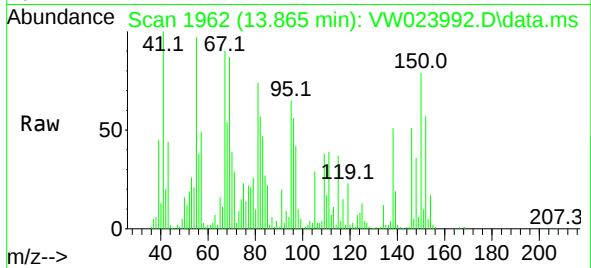
Tgt Ion:146 Resp: 2214949
Ion Ratio Lower Upper
146 100
111 40.1 29.4 54.6
148 60.3 44.4 82.5





#67
 1,2-Dichlorobenzene
 Concen: 5.799 ug/L
 RT: 13.865 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VW023992.D
 Acq: 22 Jul 2022 09:02

Instrument :
 MSVOA_W
 ClientSampleId :
 H0B23RE



Tgt Ion:	146	Resp:	2132
Ion Ratio	Lower	Upper	
146	100		
111	77.3	35.9	53.9
148	71.4	51.3	76.9

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/24/2022
 Supervised By :Mahesh Dadoda 07/24/2022

