

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121021\
 Data File : VW023922.D
 Acq On : 11 Dec 2021 05:49
 Operator : SY/MD
 Sample : M5005-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW211

Quant Time: Dec 11 06:51:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 11 04:33:17 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/13/2021
 Supervised By :Semsettin Yesilyurt 12/13/2021

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	111067	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.892	117	132671	5.000	ug/L	0.04
58) 1,4-Dichlorobenzene-d4	11.310	152	85825m	5.000	ug/L	0.06
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	24042	4.027	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.600%
7) Chloroethane-d5	1.568	69	22215	4.459	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.111	63	33135	2.843	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.800%#
20) 2-Butanone-d5	3.902	46	71436	61.238	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.480%
24) Chloroform-d	4.352	84	59675	4.412	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	5.037	65	29892	4.747	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.053	84	100974	3.843	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.800%
36) 1,2-Dichloropropane-d6	6.072	67	32807	4.138	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.800%
41) Toluene-d8	7.320	98	82886	3.504	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.000%
43) trans-1,3-Dichloroprop...	7.628	79	12769	3.882	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.600%
46) 2-Hexanone-d5	8.101	63	70028	47.563	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.120%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	29609	4.502	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	11.696	152	42591	3.715	ug/L	0.07
Spiked Amount	5.000	Range	80 - 120	Recovery	=	74.400%#
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	12258	1.368	ug/L	100
13) Acetone	2.191	43	3408m	3.652	ug/L	
14) Carbon disulfide	2.297	76	19559	0.905	ug/L	97
18) trans-1,2-Dichloroethene	2.760	96	67336	8.163	ug/L	96
22) cis-1,2-Dichloroethene	3.912	96	209582	24.002	ug/L	97
25) Chloroform	4.375	83	19442	1.181	ug/L	97
31) Carbon tetrachloride	4.831	117	4655	0.285	ug/L	97
33) Benzene	5.101	78	1196245	31.872	ug/L	100
34) Trichloroethene	5.915	95	101683	9.605	ug/L	99
42) Toluene	7.390	91	117152	2.774	ug/L	95
47) Tetrachloroethene	7.979	164	1014400	108.843	ug/L	97
51) Chlorobenzene	8.889	112	47091834m	1668.056	ug/L	
52) Ethylbenzene	9.030	91	8775	0.197	ug/L	96
53) m,p-xylene	9.146	106	8702	0.494	ug/L	88
54) o-xylene	9.554	106	7461	0.438	ug/L	98
60) Isopropylbenzene	9.943	105	8087	0.160	ug/L	# 54
63) 1,2,4-Trimethylbenzene	10.956	105	13943m	0.335	ug/L	
64) 1,3-Dichlorobenzene	11.194	146	49811299m	1932.807	ug/L	
65) 1,4-Dichlorobenzene	11.294	146	47446513m	1833.036	ug/L	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121021\
 Data File : VV023922.D
 Acq On : 11 Dec 2021 05:49
 Operator : SY/MD
 Sample : M5005-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW211

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/13/2021
 Supervised By :Semsettin Yesilyurt 12/13/2021

Quant Time: Dec 11 06:51:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 11 04:33:17 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) 1,2-Dichlorobenzene	11.667	146	55508450m	2350.965	ug/L	
70) 1,2,4-trichlorobenzene	13.265	180	658163	39.534	ug/L	98
72) 1,2,3-Trichlorobenzene	13.747	180	80328	5.465	ug/L	99

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

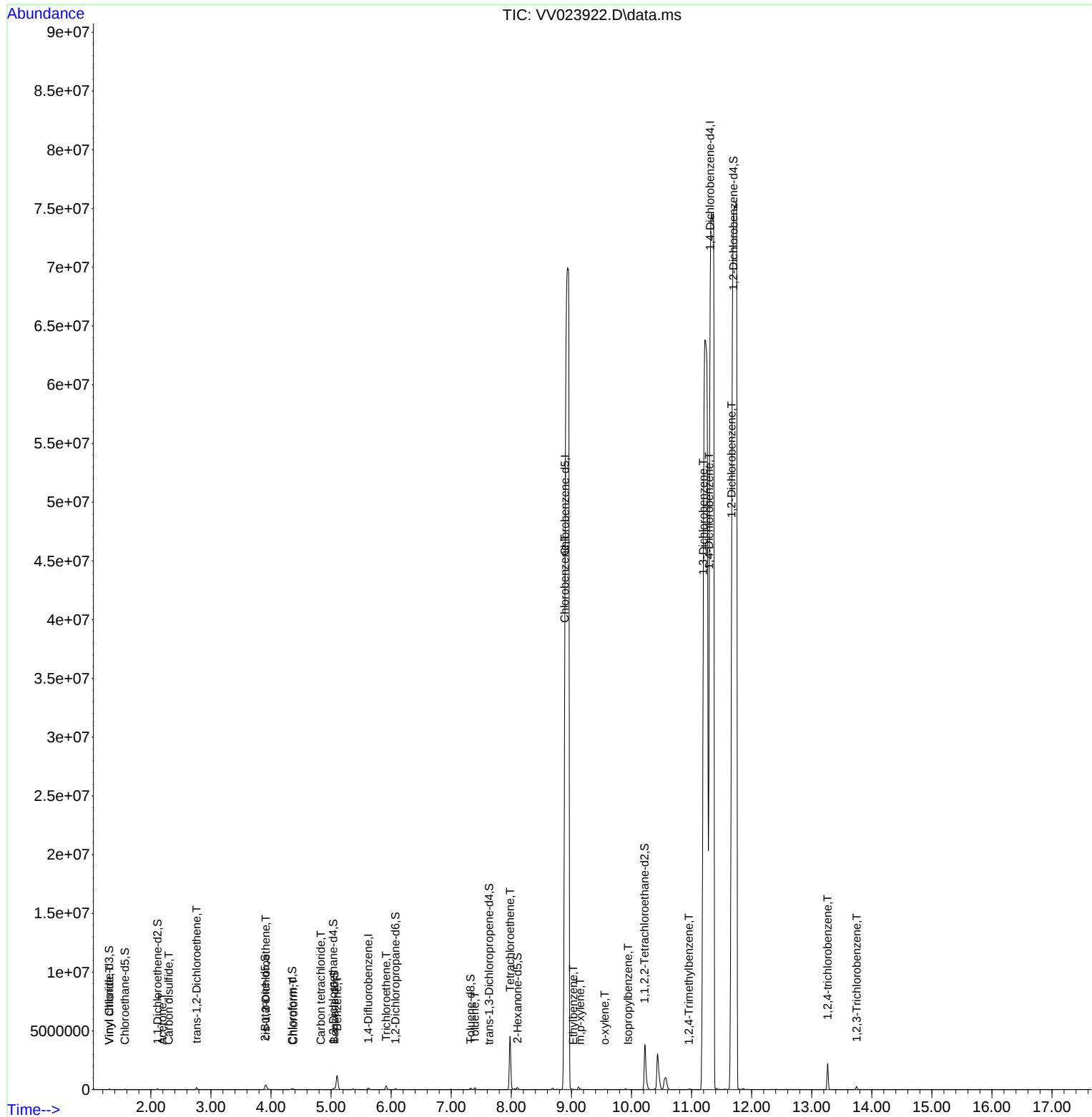
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121021\
Data File : VV023922.D
Acq On : 11 Dec 2021 05:49
Operator : SY/MD
Sample : M5005-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW211

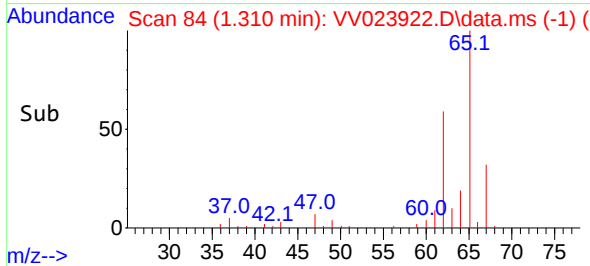
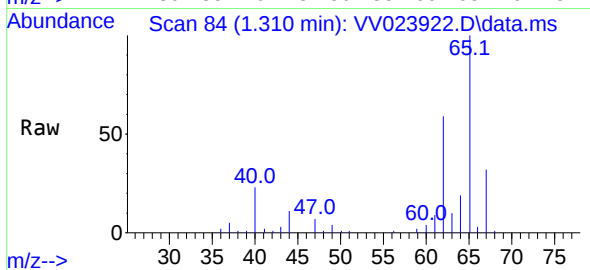
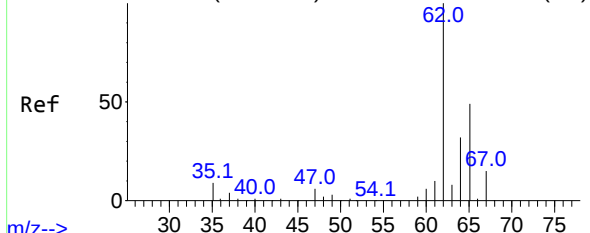
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/13/2021
Supervised By :Semsettin Yesilyurt 12/13/2021

Quant Time: Dec 11 06:51:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Dec 11 04:33:17 2021
Response via : Initial Calibration



Abundance Scan 84 (1.310 min): VV023902.D\data.ms (-76)



#5

Vinyl chloride

Concen: 1.368 ug/L

RT: 1.310 min Scan# 84

Delta R.T. 0.000 min

Lab File: VV023922.D

Acq: 11 Dec 2021 05:49

Tgt Ion: 62 Resp: 1225

Ion Ratio Lower Upper

62 100

64 32.1 22.4 41.6

Instrument :

MSVOA_V

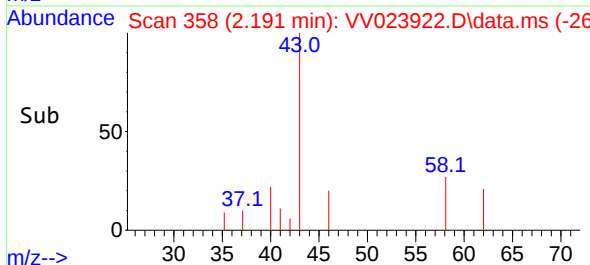
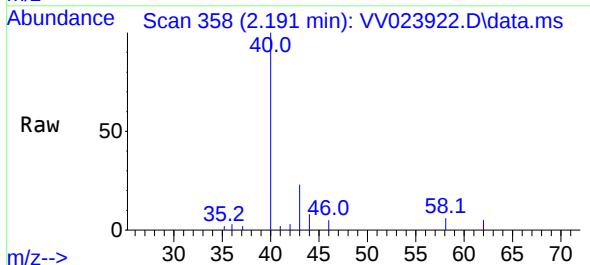
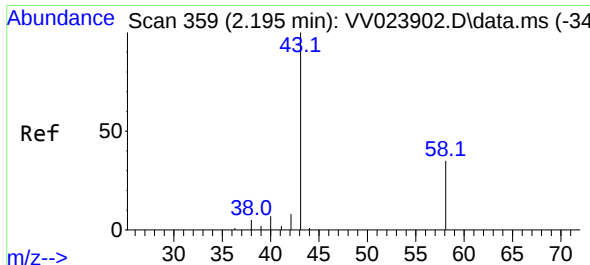
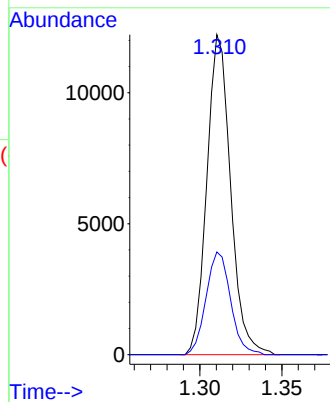
ClientSampleId :

EW211

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/13/2021
Supervised By :Semsettin Yesilyurt 12/13/2021



#13

Acetone

Concen: 3.652 ug/L m

RT: 2.191 min Scan# 358

Delta R.T. 0.000 min

Lab File: VV023922.D

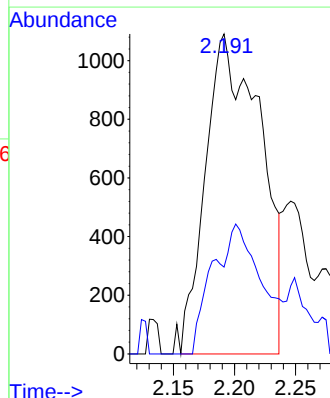
Acq: 11 Dec 2021 05:49

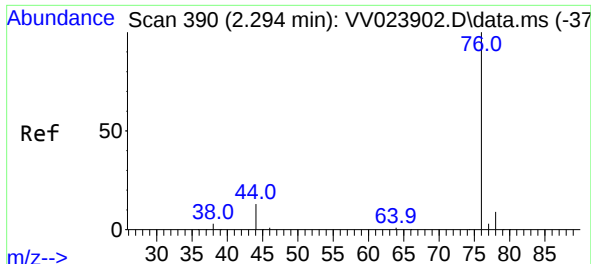
Tgt Ion: 43 Resp: 3408

Ion Ratio Lower Upper

43 100

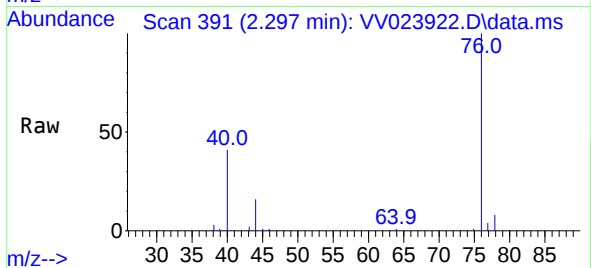
58 11.3 0.0 41.4





#14
Carbon disulfide
Concen: 0.905 ug/L
RT: 2.297 min Scan# 390
Delta R.T. 0.003 min
Lab File: VV023922.D
Acq: 11 Dec 2021 05:49

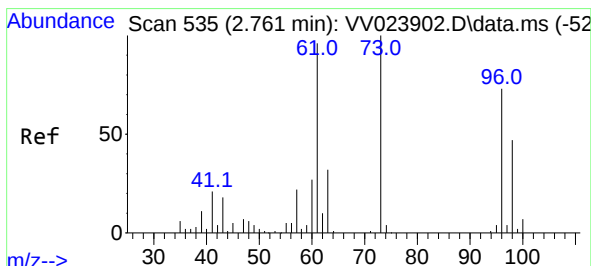
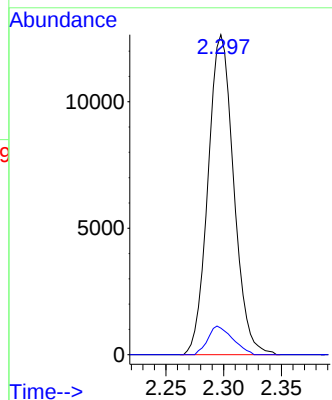
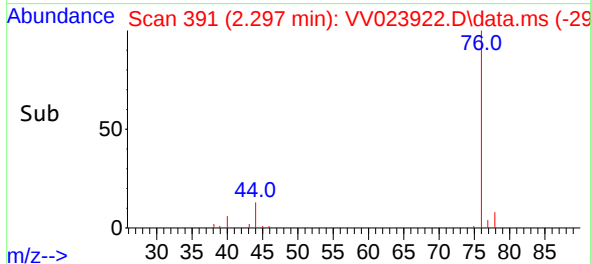
Instrument :
MSVOA_V
ClientSampleId :
EW211



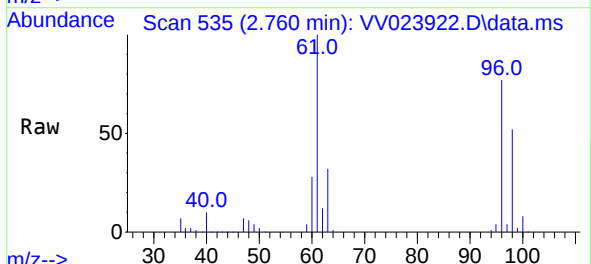
Tgt Ion: 76 Resp: 19558
Ion Ratio Lower Upper
76 100
78 8.3 7.5 11.3

Manual Integrations
APPROVED

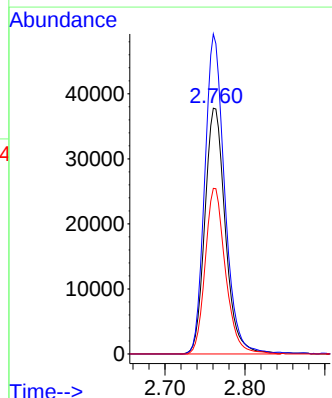
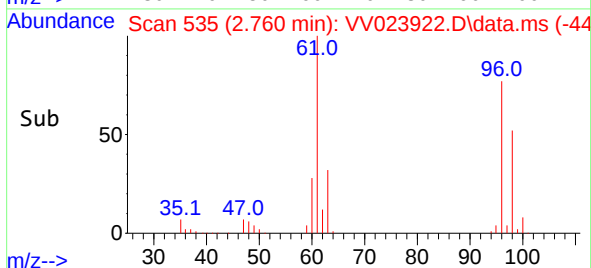
Reviewed By :Mahesh Dadoda 12/13/2021
Supervised By :Semsettin Yesilyurt 12/13/2021

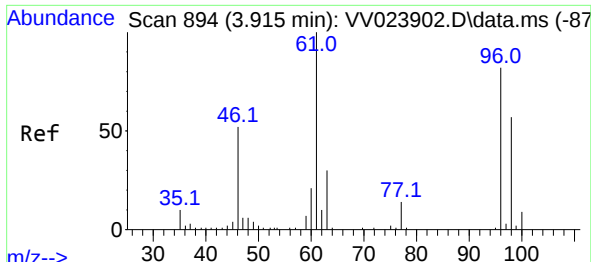


#18
trans-1,2-Dichloroethene
Concen: 8.163 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV023922.D
Acq: 11 Dec 2021 05:49



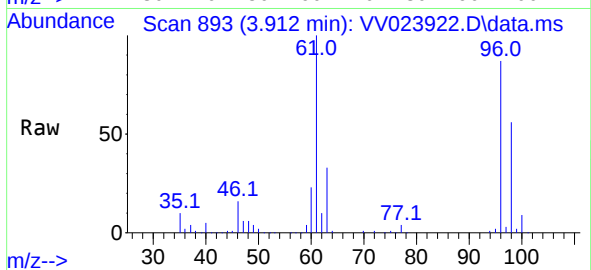
Tgt Ion: 96 Resp: 67336
Ion Ratio Lower Upper
96 100
61 130.2 88.2 163.8
98 67.4 44.9 83.5





#22
cis-1,2-Dichloroethene
Concen: 24.002 ug/L
RT: 3.912 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV023922.D
Acq: 11 Dec 2021 05:49

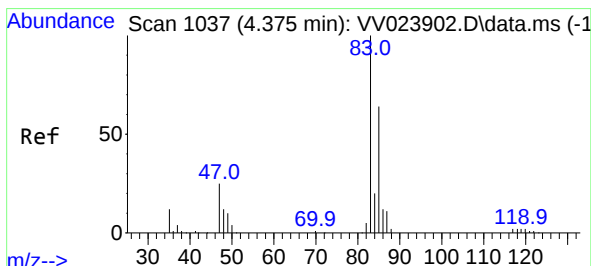
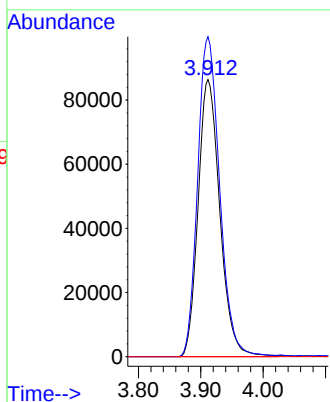
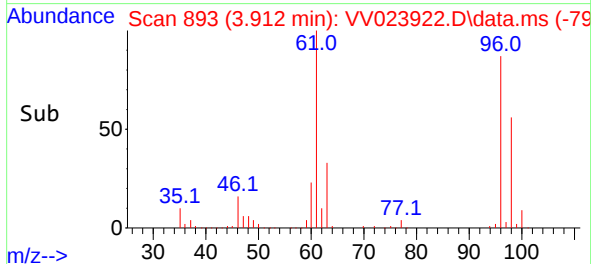
Instrument :
MSVOA_V
ClientSampleId :
EW211



Tgt Ion: 96 Resp: 20958
Ion Ratio Lower Upper
96 100
61 115.5 83.4 154.8
68 0.0 0.0 0.0

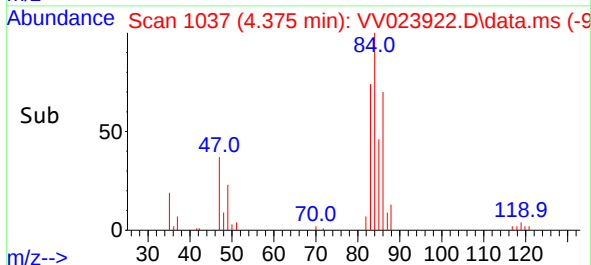
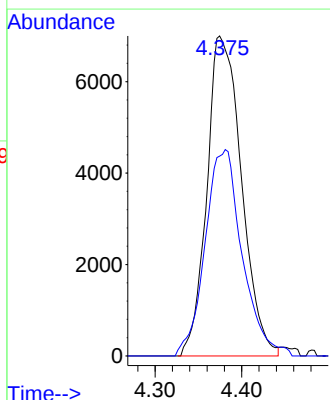
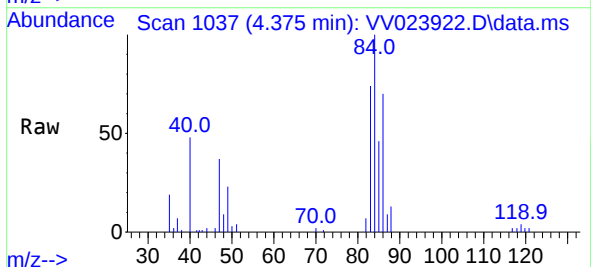
Manual Integrations
APPROVED

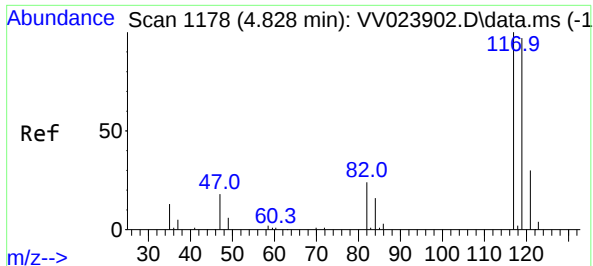
Reviewed By :Mahesh Dadoda 12/13/2021
Supervised By :Semsettin Yesilyurt 12/13/2021



#25
Chloroform
Concen: 1.181 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VV023922.D
Acq: 11 Dec 2021 05:49

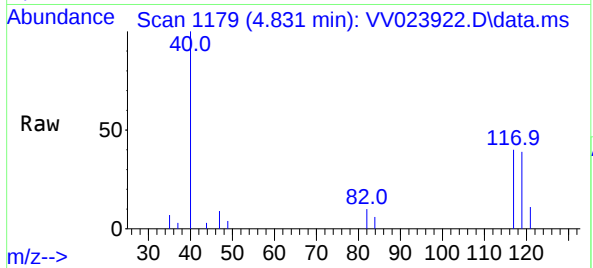
Tgt Ion: 83 Resp: 19442
Ion Ratio Lower Upper
83 100
85 62.4 45.2 84.0





#31
Carbon tetrachloride
Concen: 0.285 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VV023922.D
Acq: 11 Dec 2021 05:49

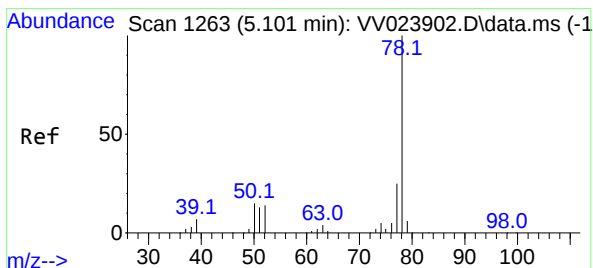
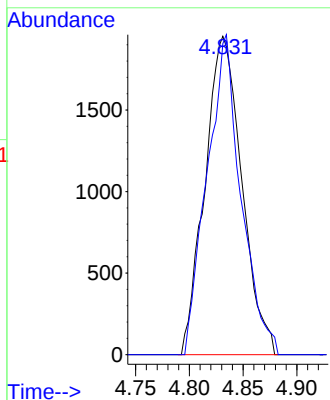
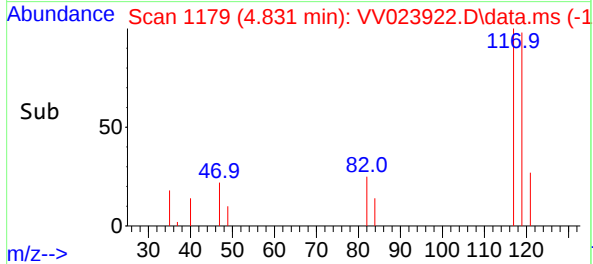
Instrument :
MSVOA_V
ClientSampleId :
EW211



Tgt Ion: 117 Resp: 465
Ion Ratio Lower Upper
117 100
119 92.5 76.6 114.8

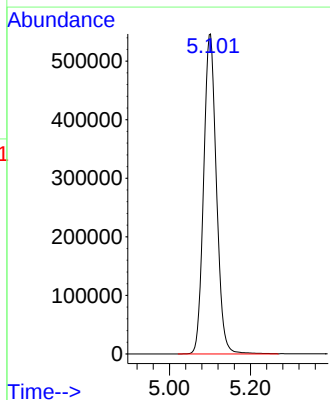
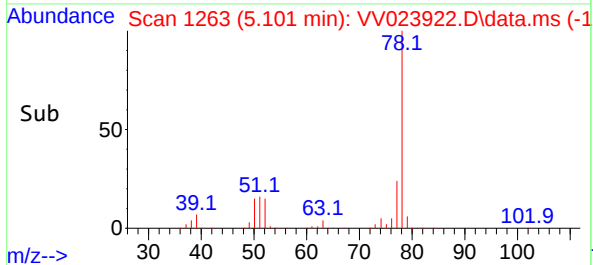
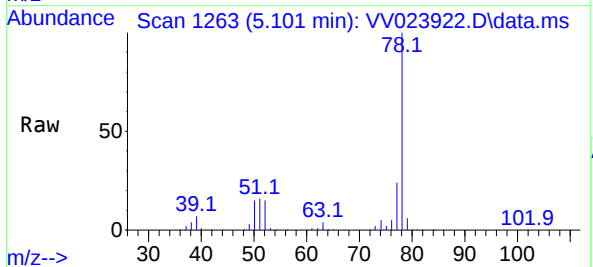
Manual Integrations
APPROVED

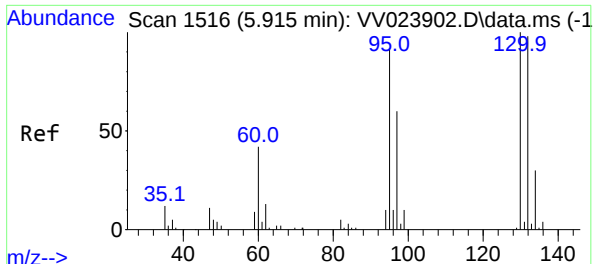
Reviewed By :Mahesh Dadoda 12/13/2021
Supervised By :Semsettin Yesilyurt 12/13/2021



#33
Benzene
Concen: 31.872 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV023922.D
Acq: 11 Dec 2021 05:49

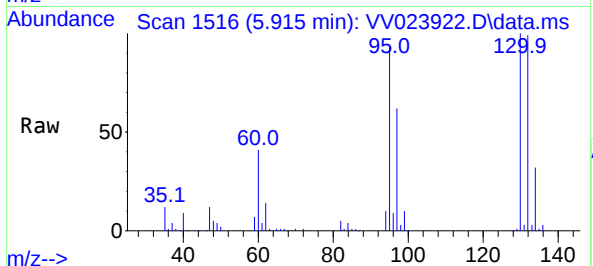
Tgt Ion: 78 Resp: 1196245





#34
Trichloroethene
Concen: 9.605 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV023922.D
Acq: 11 Dec 2021 05:49

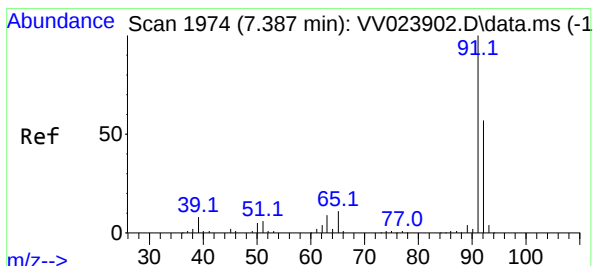
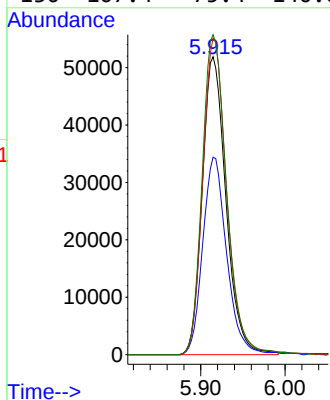
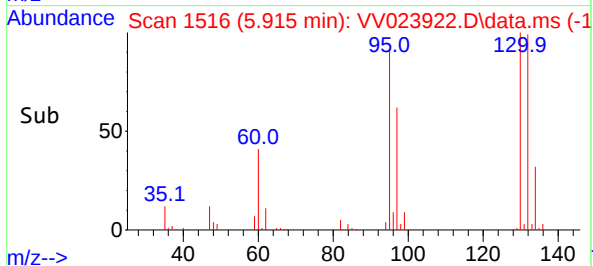
Instrument :
MSVOA_V
ClientSampleId :
EW211



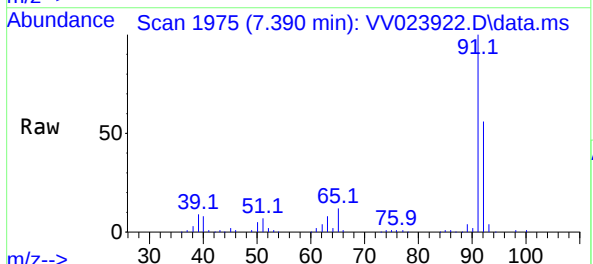
Tgt Ion: 95 Resp: 101683
Ion Ratio Lower Upper
95 100
97 66.3 45.2 84.0
132 106.2 76.1 141.3
130 107.4 75.4 140.0

Manual Integrations
APPROVED

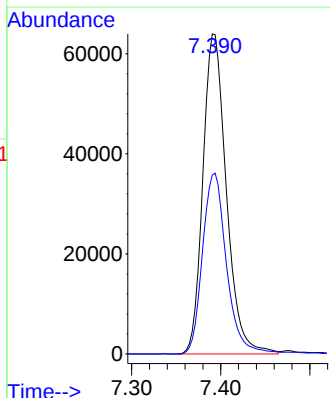
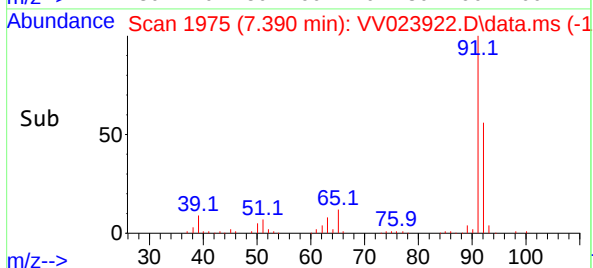
Reviewed By :Mahesh Dadoda 12/13/2021
Supervised By :Semsettin Yesilyurt 12/13/2021

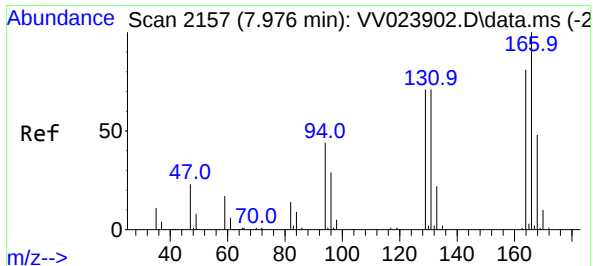


#42
Toluene
Concen: 2.774 ug/L
RT: 7.390 min Scan# 1975
Delta R.T. 0.006 min
Lab File: VV023922.D
Acq: 11 Dec 2021 05:49



Tgt Ion: 91 Resp: 117152
Ion Ratio Lower Upper
91 100
92 55.9 41.5 77.1





#47

Tetrachloroethene

Concen: 108.843 ug/L

RT: 7.979 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV023922.D

Acq: 11 Dec 2021 05:49

Instrument :

MSVOA_V

ClientSampleId :

EW211

Tgt Ion:164 Resp: 1014400

Ion Ratio Lower Upper

164 100

129 91.5 62.6 116.2

131 89.3 61.0 113.4

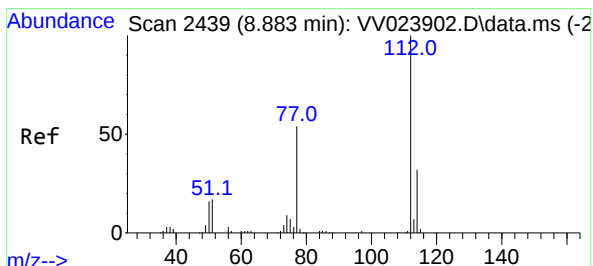
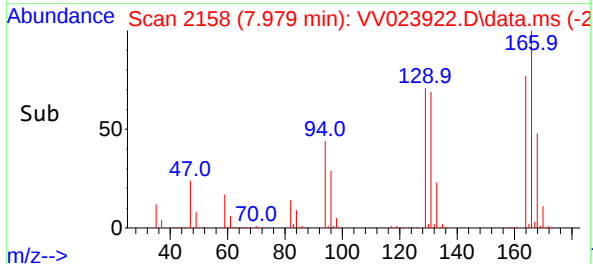
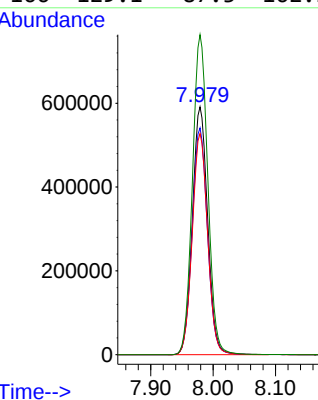
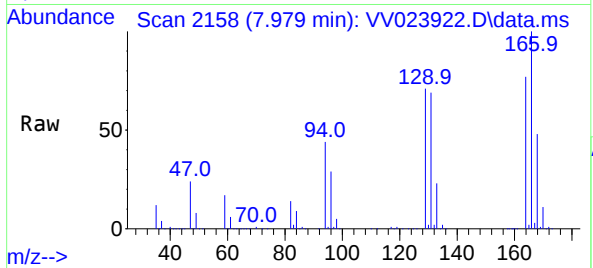
166 129.1 87.3 162.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/13/2021

Supervised By :Semsettin Yesilyurt 12/13/2021



#51

Chlorobenzene

Concen: 1668.056 ug/L m

RT: 8.889 min Scan# 2441

Delta R.T. 0.010 min

Lab File: VV023922.D

Acq: 11 Dec 2021 05:49

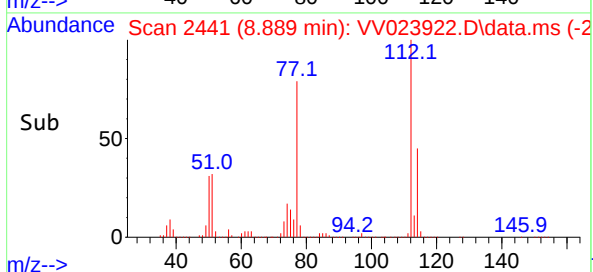
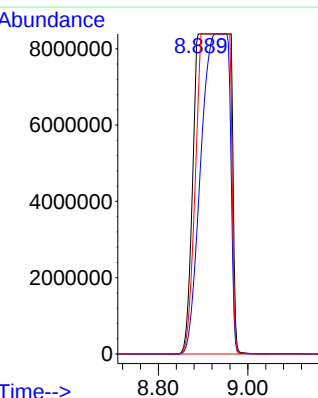
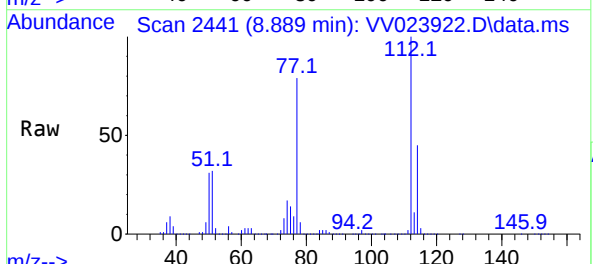
Tgt Ion:112 Resp:47091834

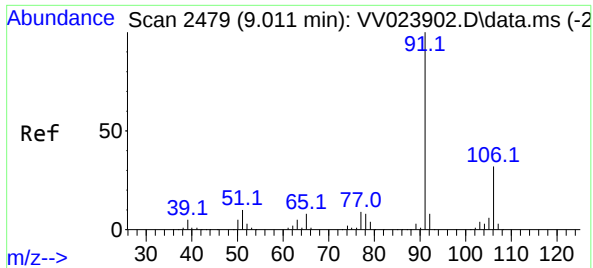
Ion Ratio Lower Upper

112 100

114 45.1 23.3 43.3#

77 78.6 43.3 64.9#





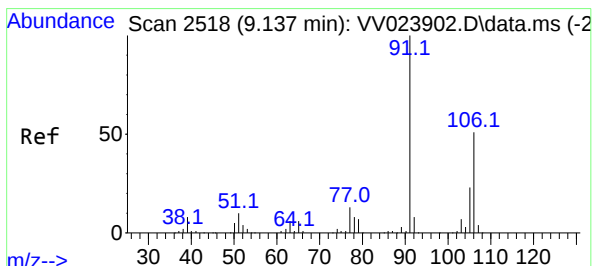
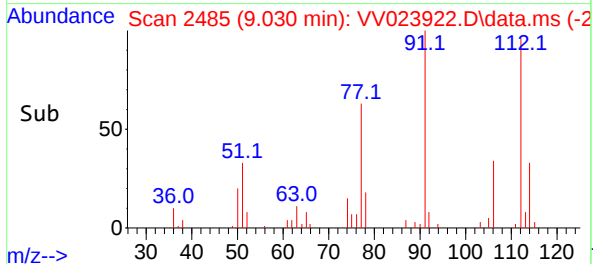
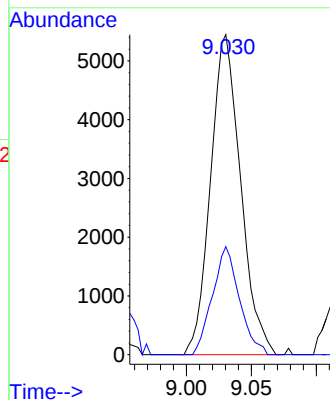
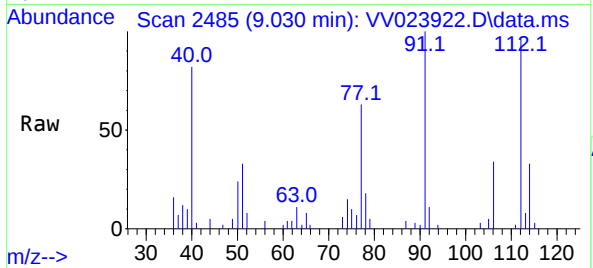
#52
Ethylbenzene
Concen: 0.197 ug/L
RT: 9.030 min Scan# 2479
Delta R.T. 0.019 min
Lab File: VV023922.D
Acq: 11 Dec 2021 05:49

Instrument :
MSVOA_V
ClientSampleId :
EW211

Tgt Ion: 91 Resp: 8775
Ion Ratio Lower Upper
91 100
106 33.8 22.0 41.0

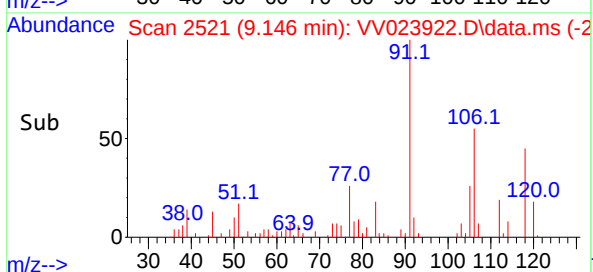
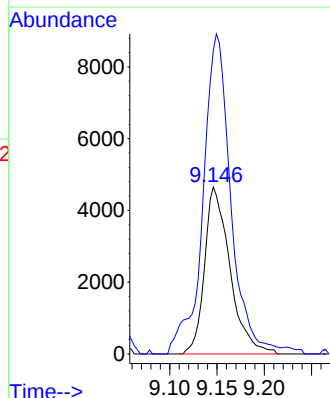
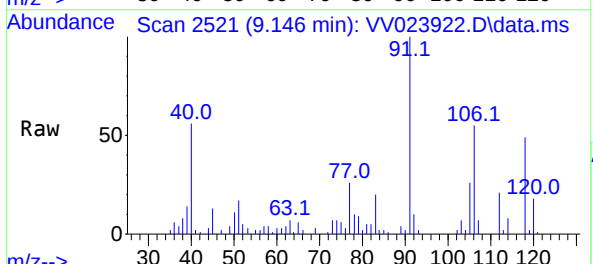
Manual Integrations
APPROVED

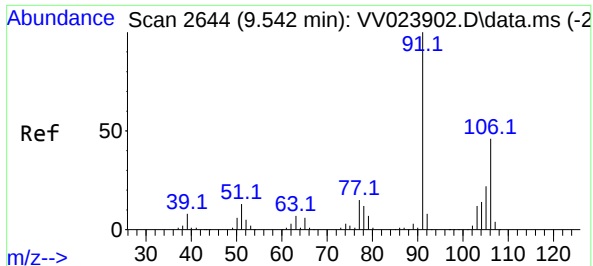
Reviewed By :Mahesh Dadoda 12/13/2021
Supervised By :Semsettin Yesilyurt 12/13/2021



#53
m,p-xylene
Concen: 0.494 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.010 min
Lab File: VV023922.D
Acq: 11 Dec 2021 05:49

Tgt Ion:106 Resp: 8702
Ion Ratio Lower Upper
106 100
91 181.8 139.5 259.1





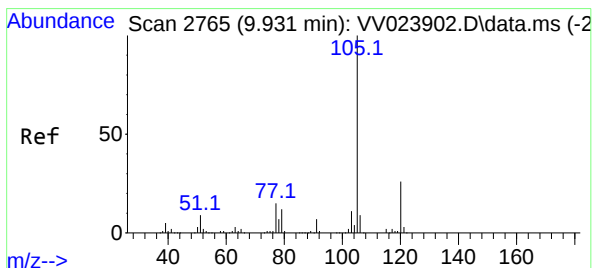
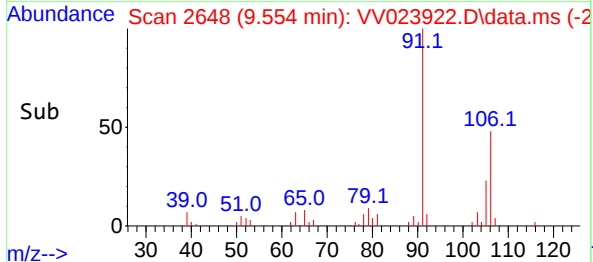
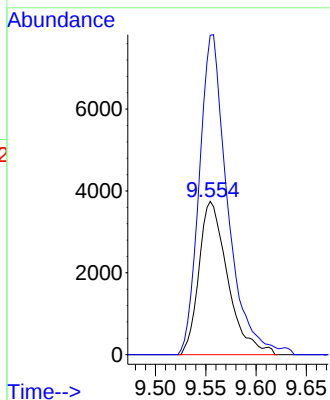
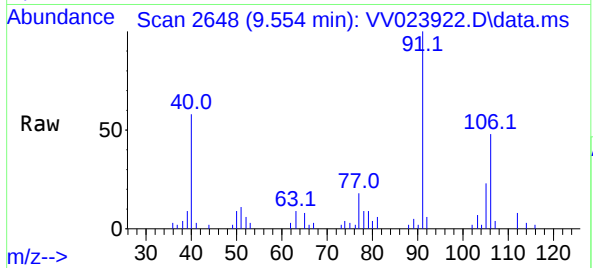
#54
o-xylene
Concen: 0.438 ug/L
RT: 9.554 min Scan# 2648
Delta R.T. 0.013 min
Lab File: VV023922.D
Acq: 11 Dec 2021 05:49

Instrument : MSVOA_V
ClientSampleId : EW211

Tgt Ion:106 Resp: 746
Ion Ratio Lower Upper
106 100
91 208.5 147.9 274.7

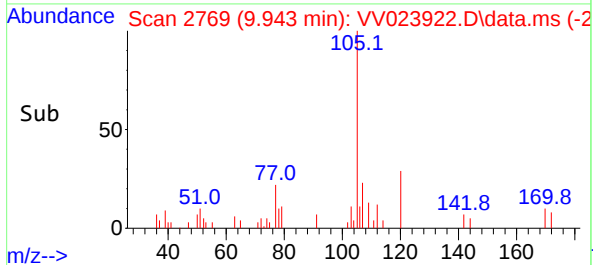
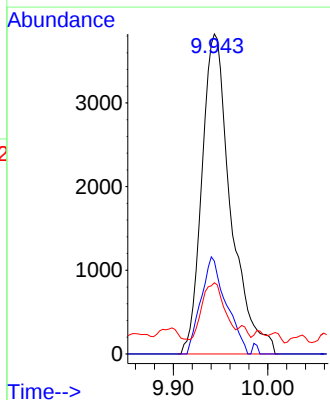
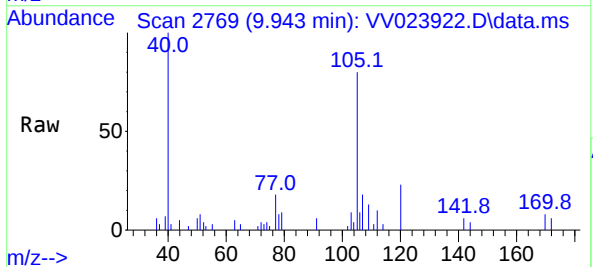
Manual Integrations
APPROVED

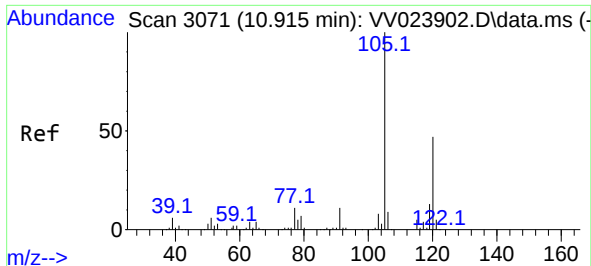
Reviewed By :Mahesh Dadoda 12/13/2021
Supervised By :Semsettin Yesilyurt 12/13/2021



#60
Isopropylbenzene
Concen: 0.160 ug/L
RT: 9.943 min Scan# 2769
Delta R.T. 0.013 min
Lab File: VV023922.D
Acq: 11 Dec 2021 05:49

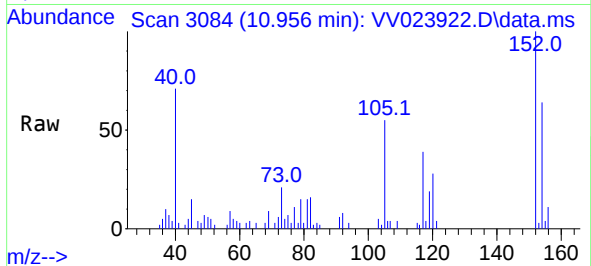
Tgt Ion:105 Resp: 8087
Ion Ratio Lower Upper
105 100
120 0.0 21.4 32.0#
77 0.0 12.2 18.4#





#63
1,2,4-Trimethylbenzene
Concen: 0.335 ug/L m
RT: 10.956 min Scan# 3071
Delta R.T. 0.042 min
Lab File: VV023922.D
Acq: 11 Dec 2021 05:49

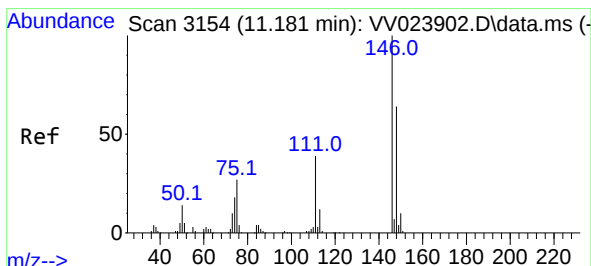
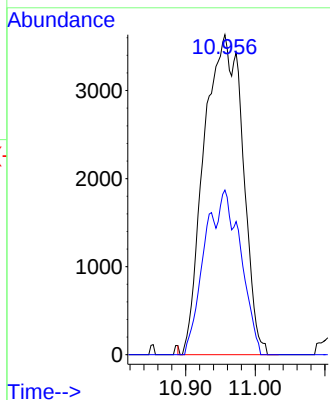
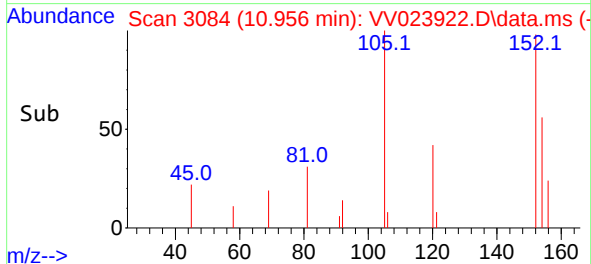
Instrument :
MSVOA_V
ClientSampleId :
EW211



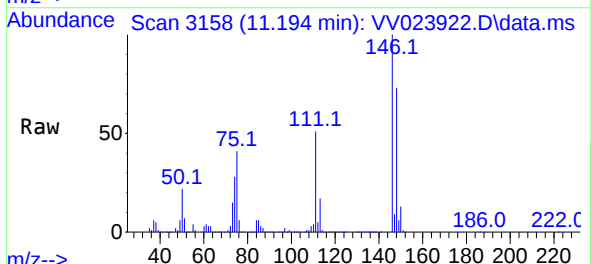
Tgt Ion:105 Resp: 1394
Ion Ratio Lower Upper
105 100
120 0.0 36.7 55.1

Manual Integrations
APPROVED

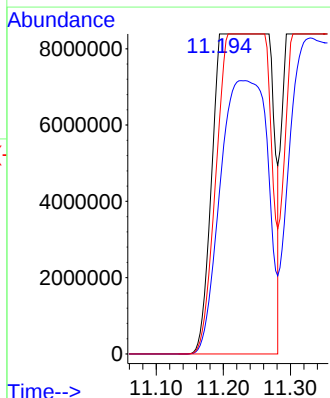
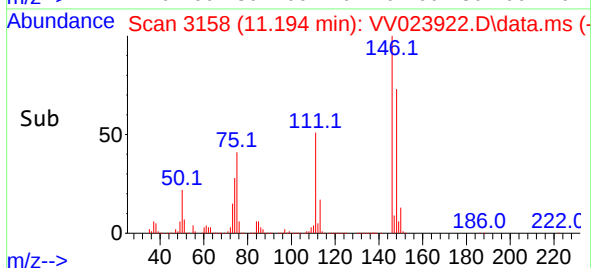
Reviewed By :Mahesh Dadoda 12/13/2021
Supervised By :Semsettin Yesilyurt 12/13/2021

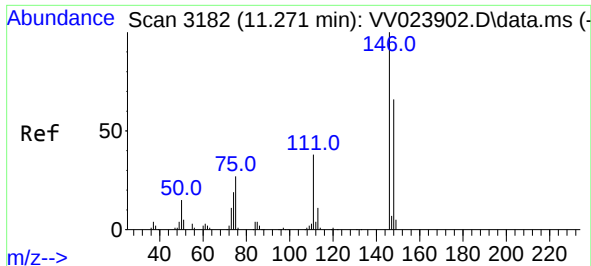


#64
1,3-Dichlorobenzene
Concen: 1932.807 ug/L m
RT: 11.194 min Scan# 3158
Delta R.T. 0.016 min
Lab File: VV023922.D
Acq: 11 Dec 2021 05:49



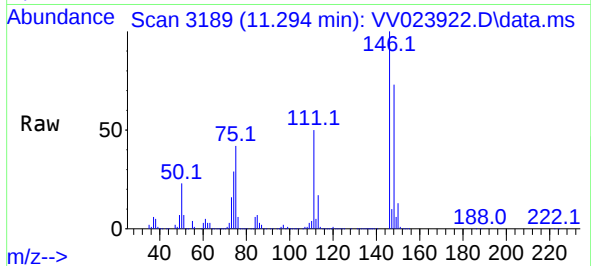
Tgt Ion:146 Resp:49811299
Ion Ratio Lower Upper
146 100
111 50.7 26.3 48.9#
148 73.0 44.4 82.5





#65
1,4-Dichlorobenzene
Concen: 1833.036 ug/L m
RT: 11.294 min Scan# 3182
Delta R.T. 0.023 min
Lab File: VV023922.D
Acq: 11 Dec 2021 05:49

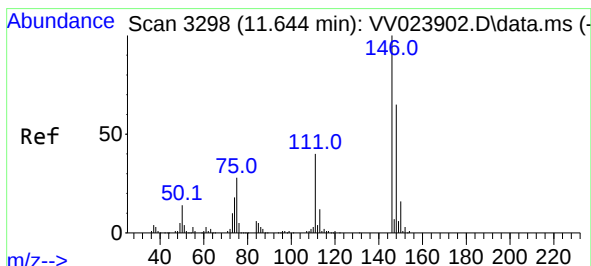
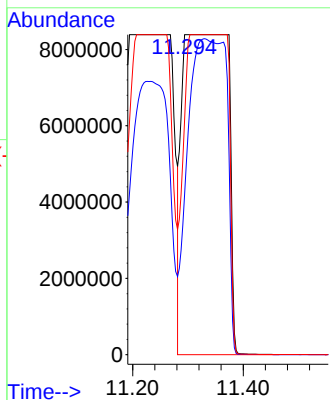
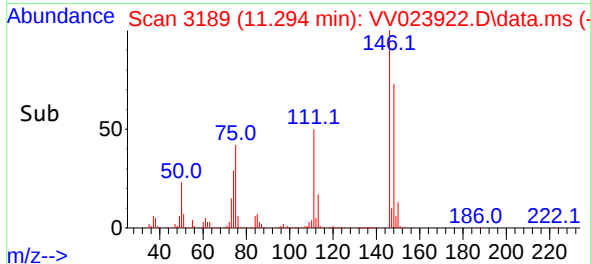
Instrument :
MSVOA_V
ClientSampleId :
EW211



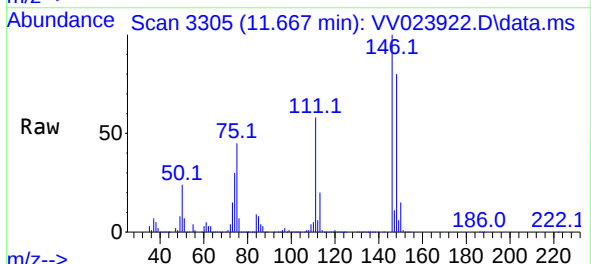
Tgt Ion:146 Resp:4744651
Ion Ratio Lower Upper
146 100
111 50.0 25.6 47.6
148 73.4 44.8 83.2

Manual Integrations
APPROVED

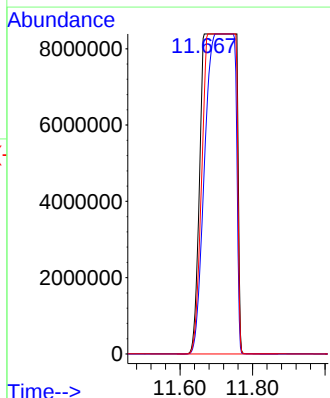
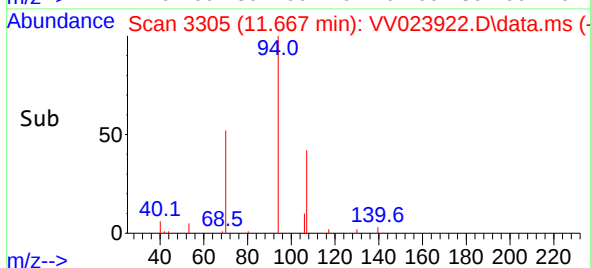
Reviewed By :Mahesh Dadoda 12/13/2021
Supervised By :Semsettin Yesilyurt 12/13/2021

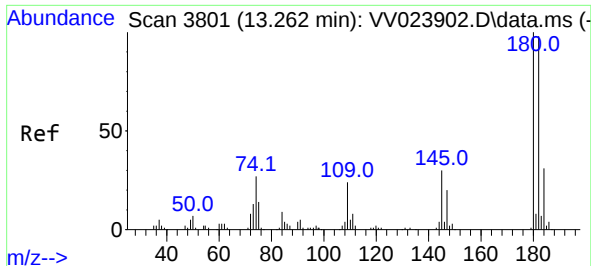


#67
1,2-Dichlorobenzene
Concen: 2350.965 ug/L m
RT: 11.667 min Scan# 3305
Delta R.T. 0.026 min
Lab File: VV023922.D
Acq: 11 Dec 2021 05:49



Tgt Ion:146 Resp:55508450
Ion Ratio Lower Upper
146 100
111 58.2 31.9 47.9#
148 80.1 50.5 75.7#





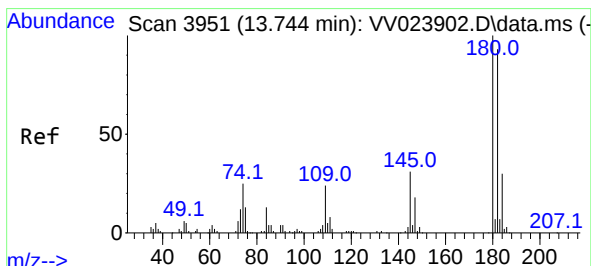
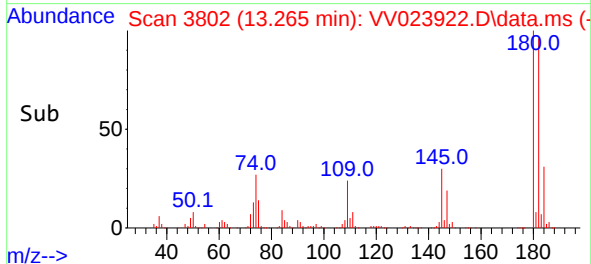
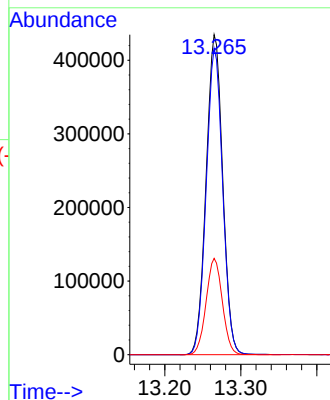
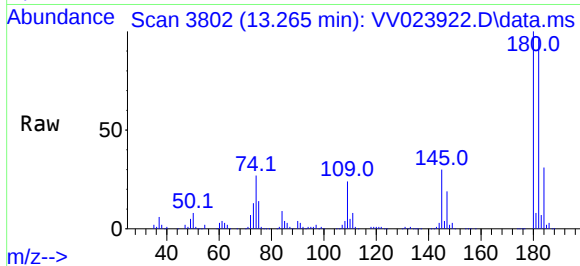
#70
1,2,4-trichlorobenzene
Concen: 39.534 ug/L
RT: 13.265 min Scan# 3801
Delta R.T. 0.003 min
Lab File: VV023922.D
Acq: 11 Dec 2021 05:49

Instrument :
MSVOA_V
ClientSampleId :
EW211

Tgt Ion:180 Resp: 65816
Ion Ratio Lower Upper
180 100
182 94.8 74.4 111.6
145 29.5 23.3 34.9

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/13/2021
Supervised By :Semsettin Yesilyurt 12/13/2021



#72
1,2,3-Trichlorobenzene
Concen: 5.465 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.003 min
Lab File: VV023922.D
Acq: 11 Dec 2021 05:49

Tgt Ion:180 Resp: 80328
Ion Ratio Lower Upper
180 100
182 95.1 76.8 115.2
145 32.2 25.8 38.6

