

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012822\
 Data File : VW024486.D
 Acq On : 28 Jan 2022 14:53
 Operator : SY/MD
 Sample : N1328-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0HM1

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/31/2022
 Supervised By : Mahesh Dadoda 01/31/2022

Quant Time: Jan 29 02:26:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 29 02:05:31 2022
 Response via : Initial Calibration

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

Internal Standards					
1) 1,4-Difluorobenzene	5.619	114	139246	5.000 ug/L	0.00
28) Chlorobenzene-d5	8.854	117	149883	5.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	76853	5.000 ug/L	0.00

System Monitoring Compounds					
4) Vinyl Chloride-d3	1.307	65	45554	3.734 ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	74.600%
7) Chloroethane-d5	1.571	69	46657	4.384 ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	2.121	63	1448035	62.101 ug/L	0.02
Spiked Amount	5.000	Range 60 - 125	Recovery	=	1242.000%#
20) 2-Butanone-d5	3.889	46	130300	67.018 ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	134.040%#
24) Chloroform-d	4.352	84	113236	4.892 ug/L	0.01
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.034	65	52914	5.047 ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.053	84	202146	4.516 ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.072	67	67494	4.788 ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.317	98	168386	4.100 ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	7.625	79	21563	4.455 ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.088	63	105141	63.527 ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	127.060%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	45193	5.387 ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	66740	5.064 ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.200%

Target Compounds				Qvalue	
3) Chloromethane	1.243	50	4521	0.317 ug/L	97
5) Vinyl chloride	1.314	62	26601	1.858 ug/L	97
12) 1,1-Dichloroethene	2.121	96	2598097	248.286 ug/L #	75
18) trans-1,2-Dichloroethene	2.764	96	28869	2.875 ug/L	90
19) 1,1-Dichloroethane	3.191	63	218477	11.671 ug/L	97
22) cis-1,2-Dichloroethene	3.909	96	4609719	457.085 ug/L	93
25) Chloroform	4.378	83	33839	1.592 ug/L	93
27) 1,2-Dichloroethane	5.150	62	4578	0.452 ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	2002539	115.186 ug/L	100
31) Carbon tetrachloride	4.828	117	1795m	0.115 ug/L	
33) Benzene	5.111	78	4806	0.120 ug/L	100
34) Trichloroethene	5.915	95	8130830	717.033 ug/L	93
45) 1,1,2-Trichloroethane	7.847	97	7662	1.150 ug/L	95
47) Tetrachloroethene	7.989	164	21413911m	2397.272 ug/L	
51) Chlorobenzene	8.886	112	7852	0.286 ug/L #	80

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

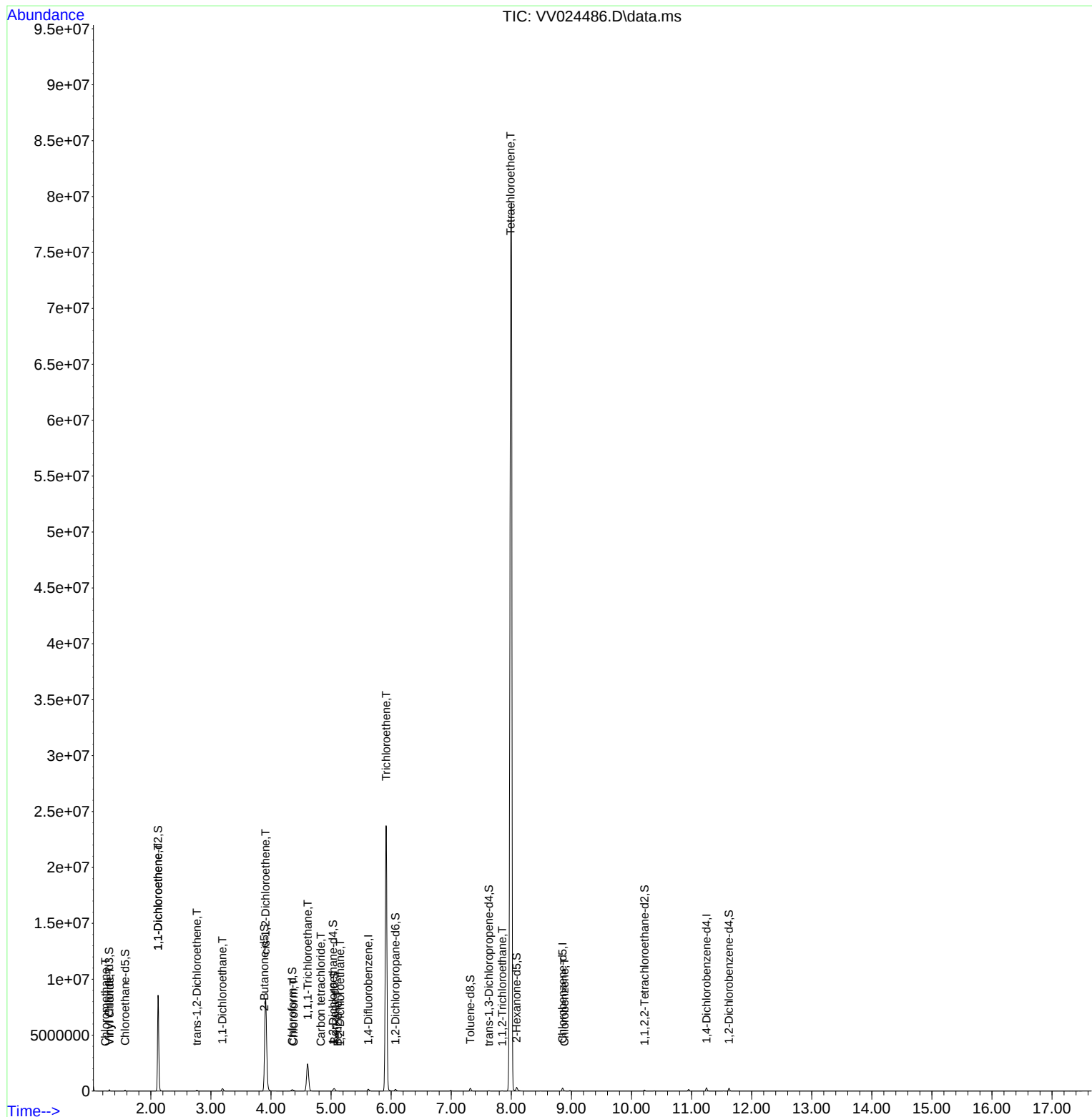
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012822\
Data File : VV024486.D
Acq On : 28 Jan 2022 14:53
Operator : SY/MD
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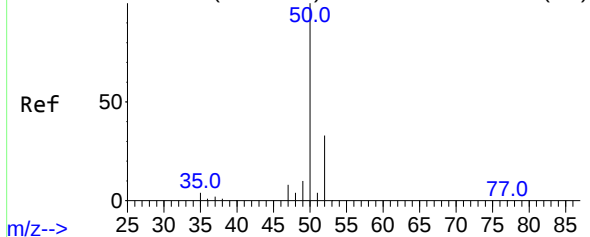
Manual Integrations
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Quant Time: Jan 29 02:26:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012622WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jan 29 02:05:31 2022
Response via : Initial Calibration



Abundance Scan 61 (1.237 min): VV024477.D\data.ms (-53)



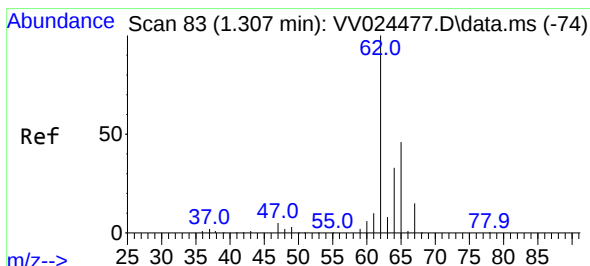
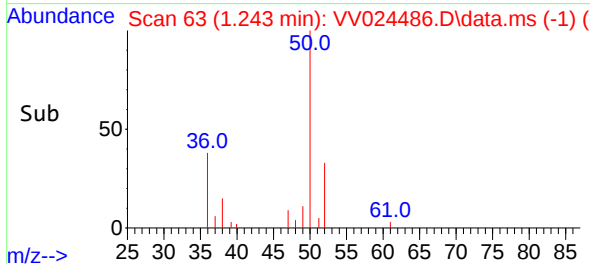
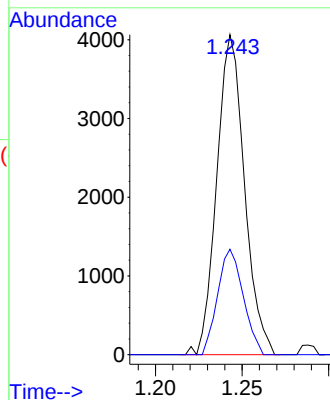
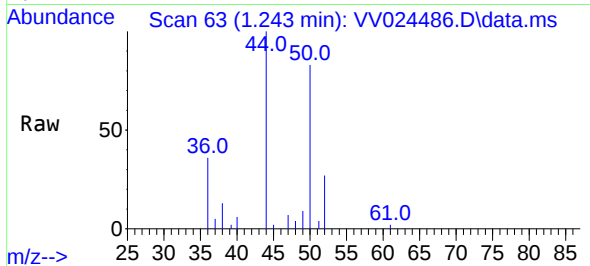
#3
Chloromethane
Concen: 0.317 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.006 min
Lab File: VV024486.D
Acq: 28 Jan 2022 14:53

Instrument :
MSVOA_V
ClientSampleId :
COHM1

Tgt Ion: 50 Resp: 452
Ion Ratio Lower Upper
50 100
52 33.0 22.0 41.0

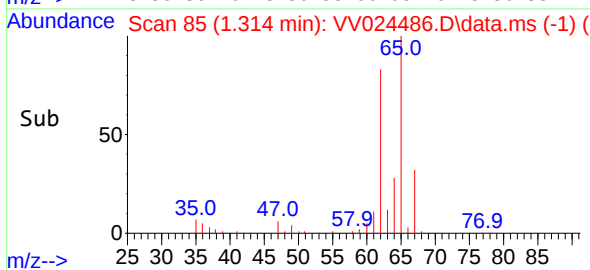
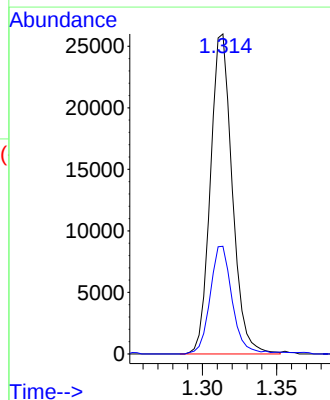
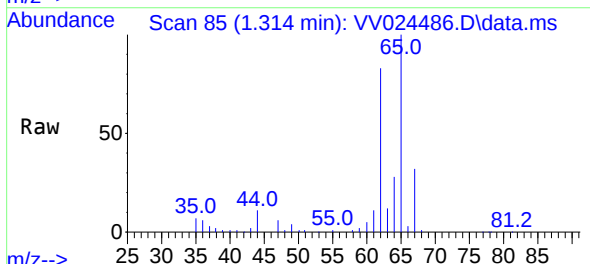
Manual Integrations
APPROVED

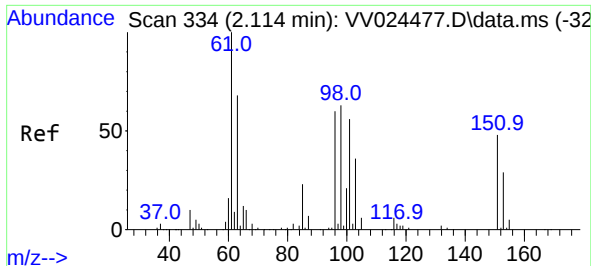
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022



#5
Vinyl chloride
Concen: 1.858 ug/L
RT: 1.314 min Scan# 85
Delta R.T. 0.006 min
Lab File: VV024486.D
Acq: 28 Jan 2022 14:53

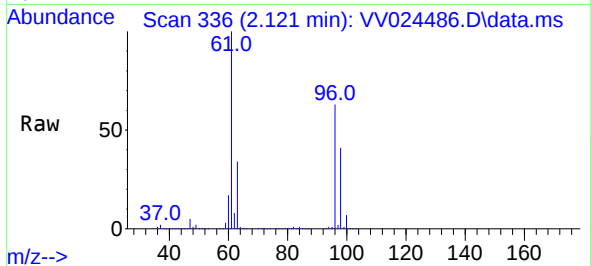
Tgt Ion: 62 Resp: 26601
Ion Ratio Lower Upper
62 100
64 33.7 22.4 41.6





#12
1,1-Dichloroethene
Concen: 248.286 ug/L
RT: 2.121 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV024486.D
Acq: 28 Jan 2022 14:53

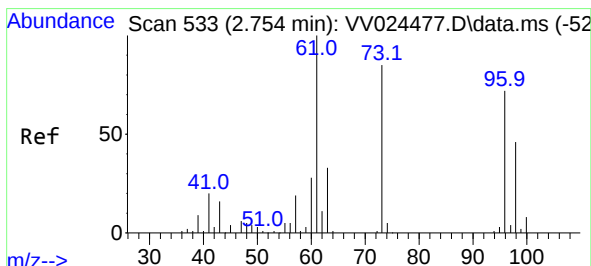
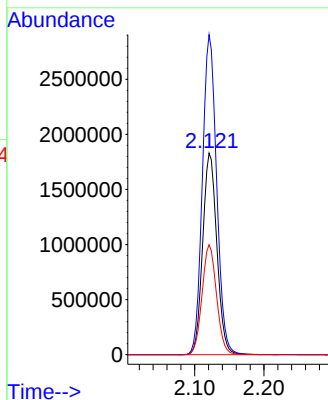
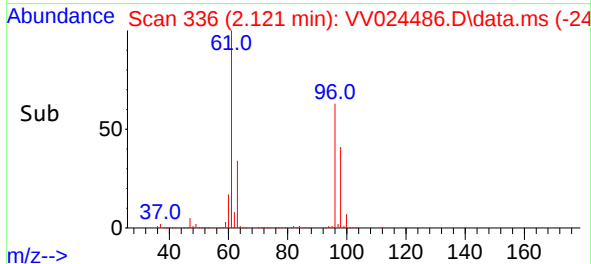
Instrument :
MSVOA_V
ClientSampleId :
COHM1



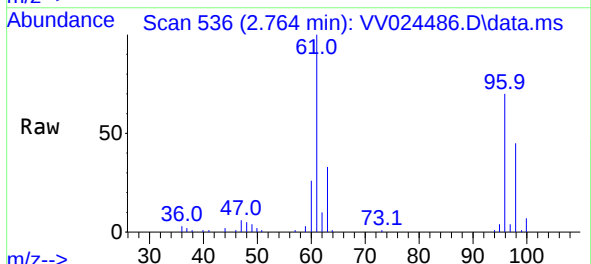
Tgt Ion: 96 Resp: 259809
Ion Ratio Lower Upper
96 100
61 158.7 116.1 215.5
63 54.5 79.4 147.4

Manual Integrations
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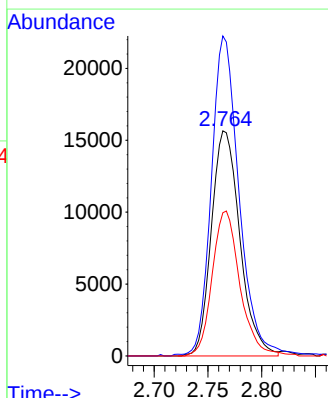
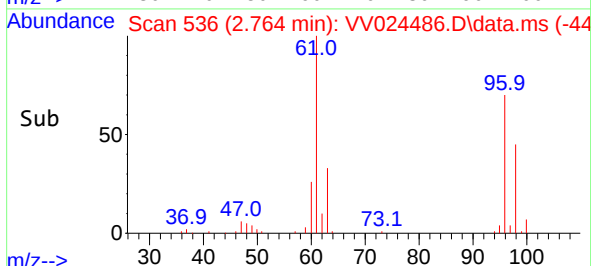
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022

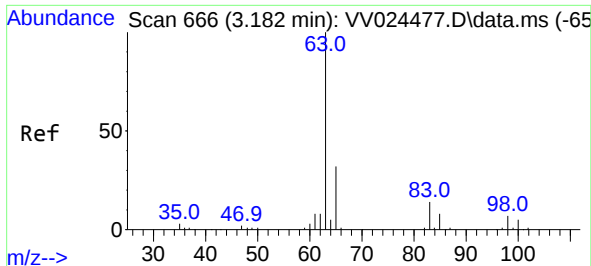


#18
trans-1,2-Dichloroethene
Concen: 2.875 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.010 min
Lab File: VV024486.D
Acq: 28 Jan 2022 14:53



Tgt Ion: 96 Resp: 28869
Ion Ratio Lower Upper
96 100
61 142.1 88.2 163.8
98 63.6 44.9 83.5





#19

1,1-Dichloroethane

Concen: 11.671 ug/L

RT: 3.191 min Scan# 669

Delta R.T. 0.010 min

Lab File: VV024486.D

Acq: 28 Jan 2022 14:53

Instrument :

MSVOA_V

ClientSampleId :

COHM1

Tgt Ion: 63 Resp: 21847

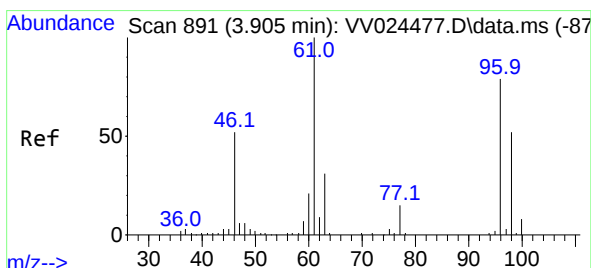
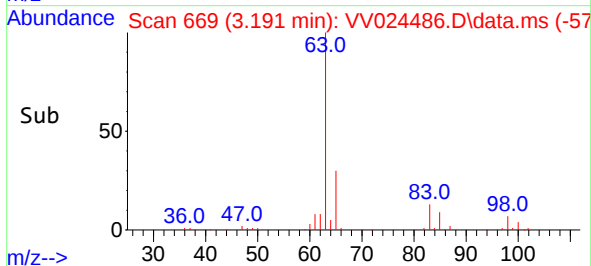
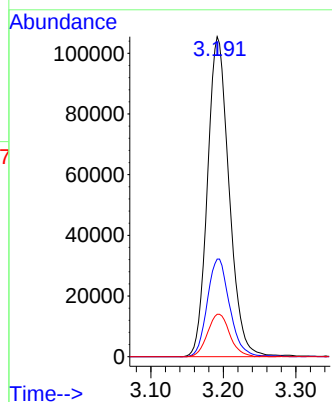
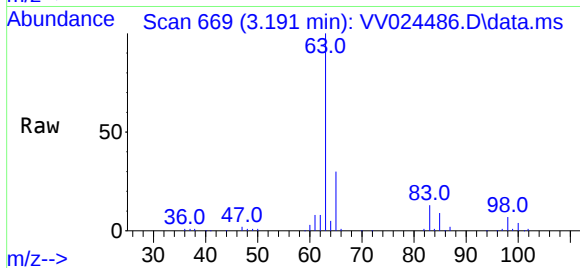
Ion	Ratio	Lower	Upper
63	100		
65	30.5	22.3	41.3
83	13.3	10.7	19.9

Manual Integrations

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#22

cis-1,2-Dichloroethene

Concen: 457.085 ug/L

RT: 3.909 min Scan# 892

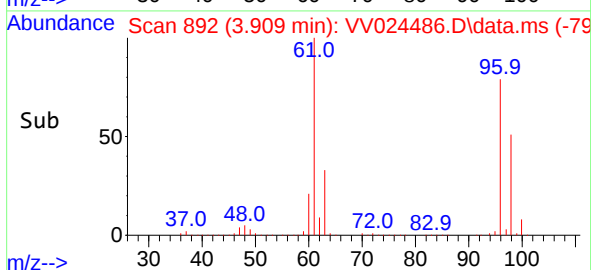
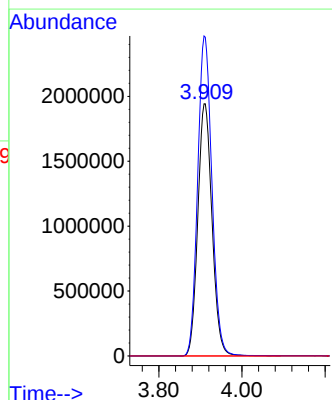
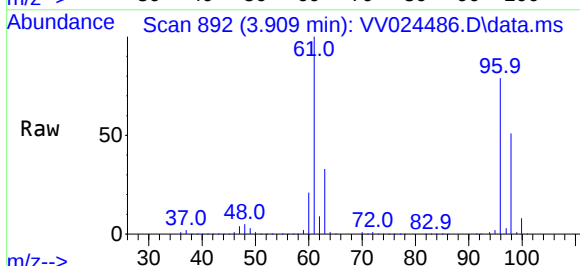
Delta R.T. 0.003 min

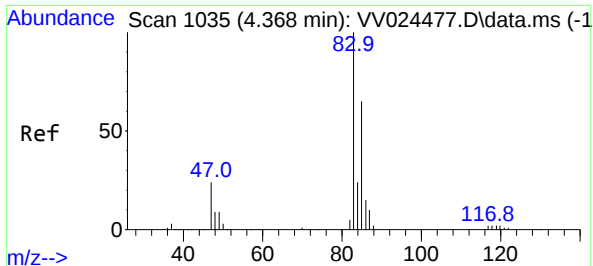
Lab File: VV024486.D

Acq: 28 Jan 2022 14:53

Tgt Ion: 96 Resp: 4609719

Ion	Ratio	Lower	Upper
96	100		
61	126.9	83.4	154.8
68	0.0	0.0	0.0





#25

Chloroform

Concen: 1.592 ug/L

RT: 4.378 min Scan# 1035

Delta R.T. 0.010 min

Lab File: VV024486.D

Acq: 28 Jan 2022 14:53

Instrument :

MSVOA_V

ClientSampleId :

COHM1

Tgt Ion: 83 Resp: 3383

Ion Ratio Lower Upper

83 100

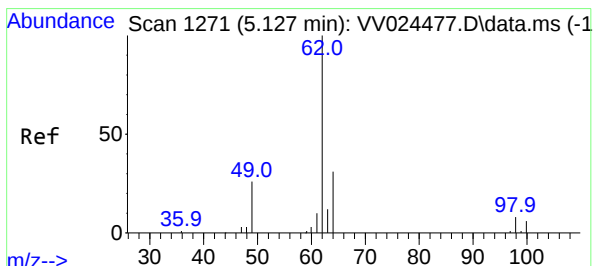
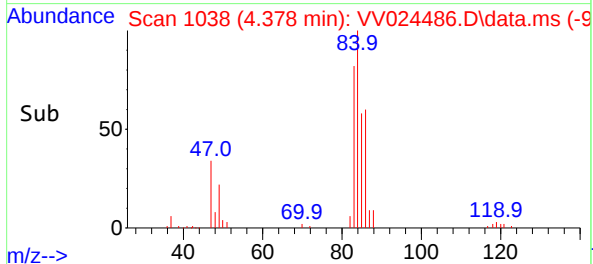
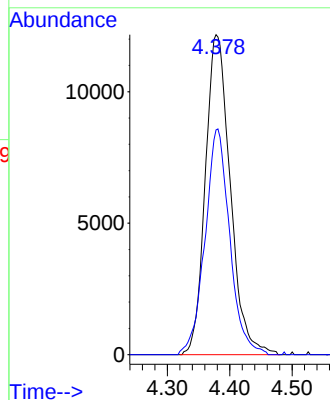
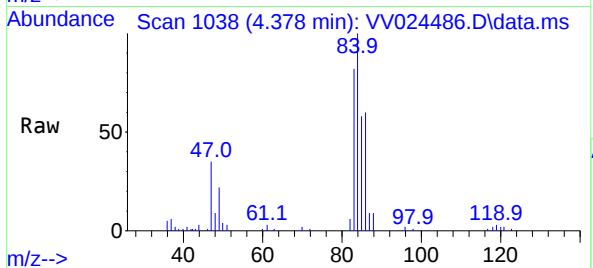
85 70.3 45.2 84.0

Manual Integrations

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#27

1,2-Dichloroethane

Concen: 0.452 ug/L

RT: 5.150 min Scan# 1278

Delta R.T. 0.022 min

Lab File: VV024486.D

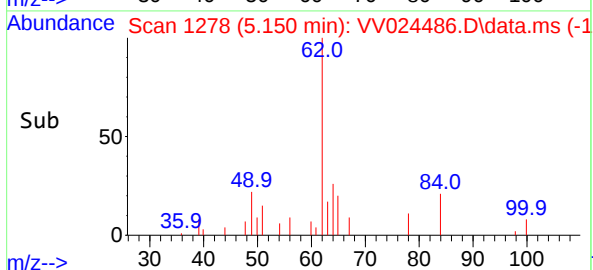
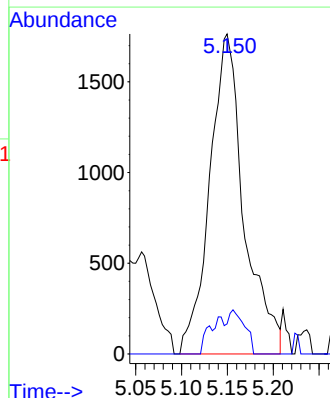
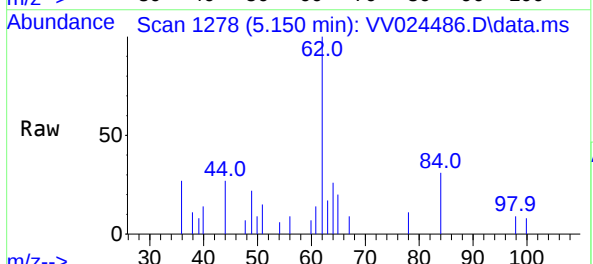
Acq: 28 Jan 2022 14:53

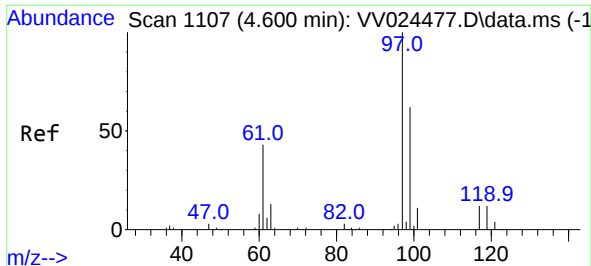
Tgt Ion: 62 Resp: 4578

Ion Ratio Lower Upper

62 100

98 9.4 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 115.186 ug/L

RT: 4.609 min Scan# 1107

Delta R.T. 0.010 min

Lab File: VV024486.D

Acq: 28 Jan 2022 14:53

Instrument :

MSVOA_V

ClientSampleId :

COHM1

Tgt Ion: 97 Resp: 2002539

Ion Ratio Lower Upper

97 100

99 64.6 51.9 77.9

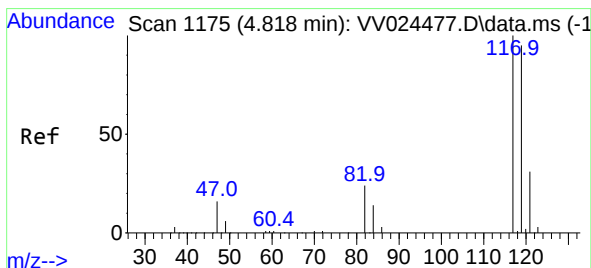
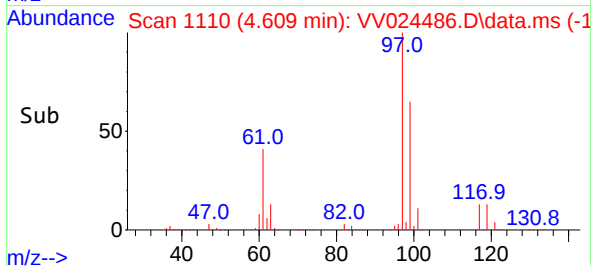
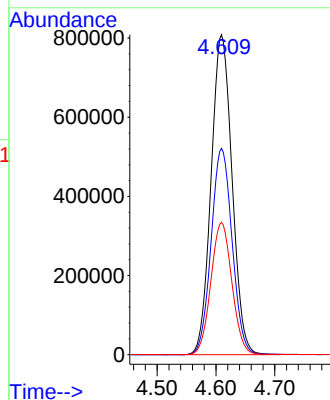
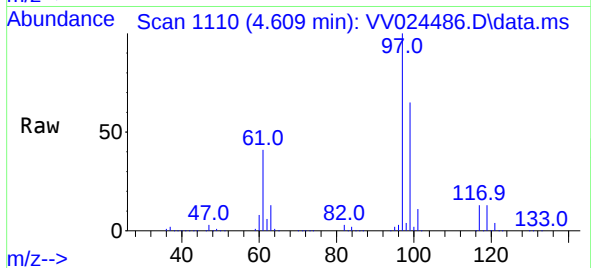
61 41.4 33.2 49.8

Manual Integrations

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Supervised By :Mahesh Dadoda 01/31/2022



#31

Carbon tetrachloride

Concen: 0.115 ug/L m

RT: 4.828 min Scan# 1178

Delta R.T. 0.010 min

Lab File: VV024486.D

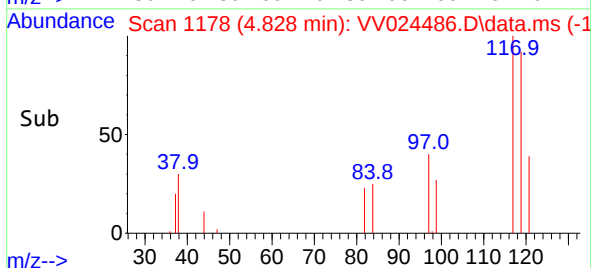
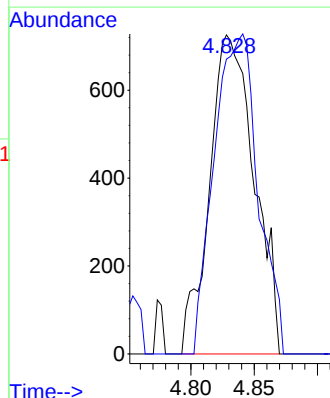
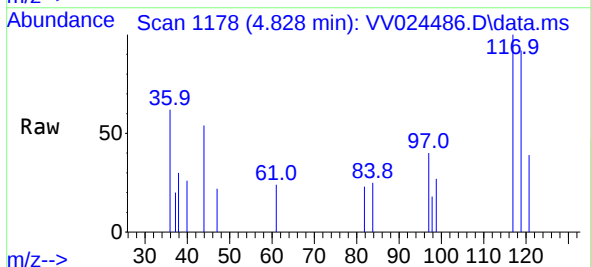
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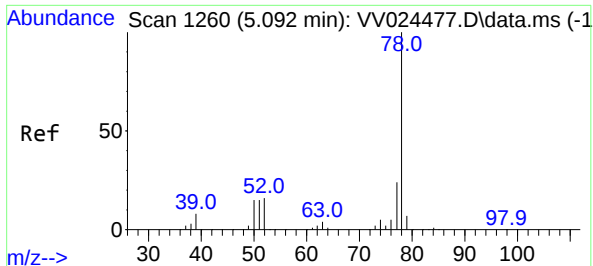
Tgt Ion:117 Resp: 1795

Ion Ratio Lower Upper

117 100

119 13981.2 76.6 114.8#





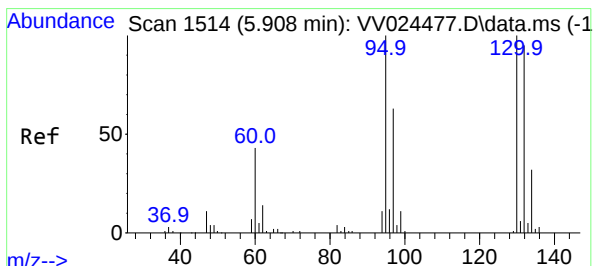
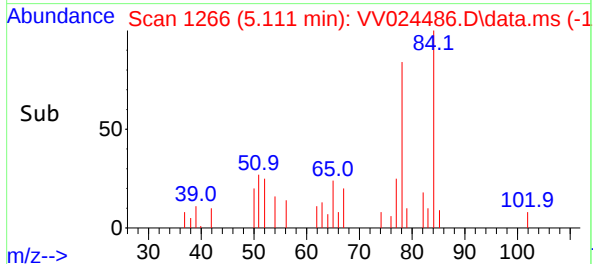
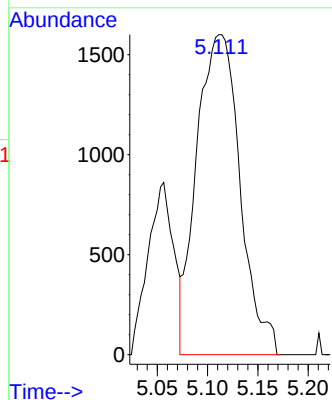
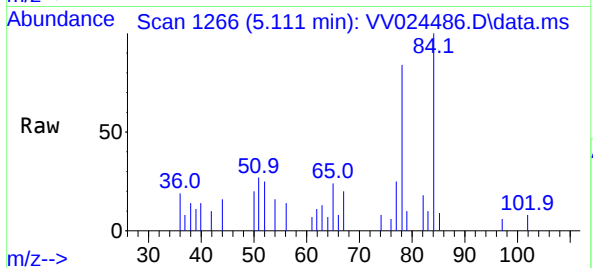
#33
Benzene
Concen: 0.120 ug/L
RT: 5.111 min Scan# 1511
Delta R.T. 0.019 min
Lab File: VV024486.D
Acq: 28 Jan 2022 14:53

Instrument :
MSVOA_V
ClientSampleId :
COHM1

Tgt Ion: 78 Resp: 4800

Manual Integrations
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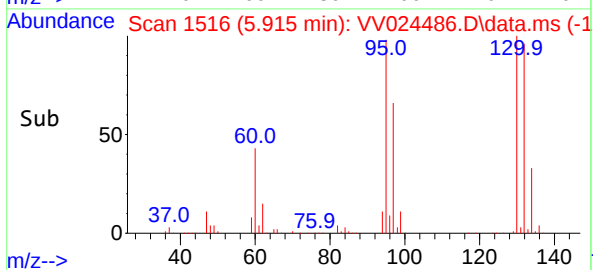
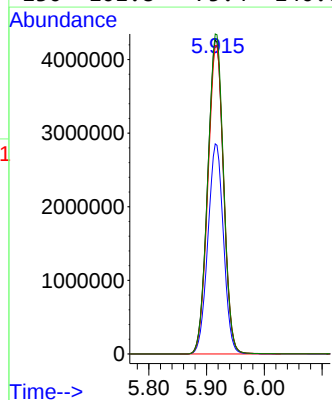
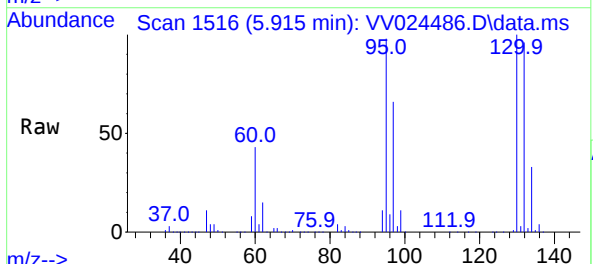
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022

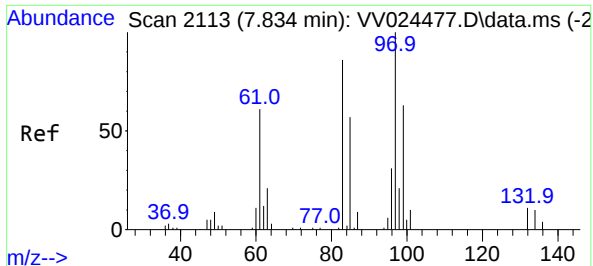


#34
Trichloroethene
Concen: 717.033 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VV024486.D
Acq: 28 Jan 2022 14:53

Tgt Ion: 95 Resp: 8130830

Ion	Ratio	Lower	Upper
95	100		
97	66.9	45.2	84.0
132	98.1	76.1	141.3
130	101.8	75.4	140.0





#45

1,1,2-Trichloroethane

Concen: 1.150 ug/L

RT: 7.847 min Scan# 2113

Delta R.T. 0.013 min

Lab File: VV024486.D

Acq: 28 Jan 2022 14:53

Instrument :

MSVOA_V

ClientSampleId :

COHM1

Tgt Ion: 97 Resp: 766

Ion Ratio Lower Upper

97 100

99 62.9 43.1 80.1

83 75.9 57.9 107.5

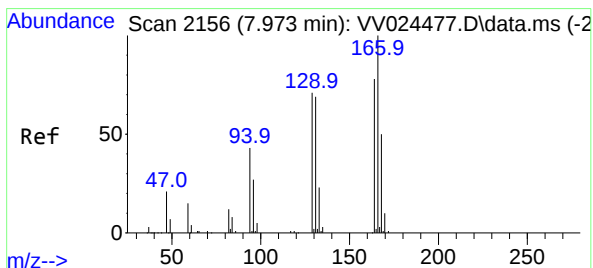
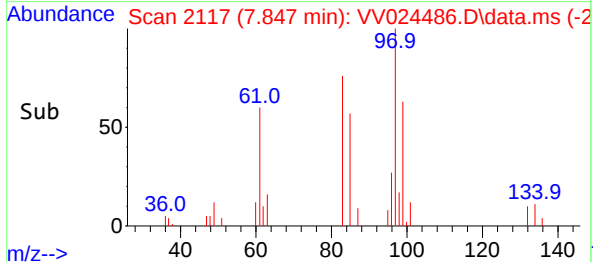
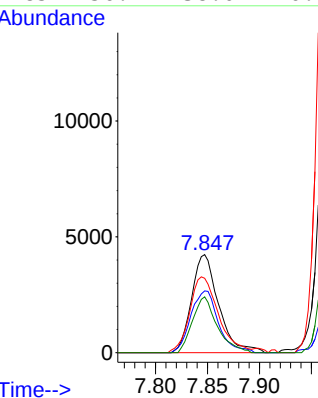
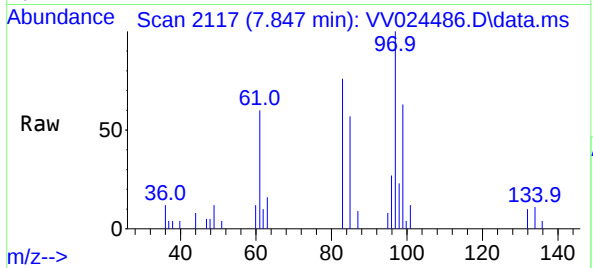
85 56.9 38.0 70.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2022

Supervised By :Mahesh Dadoda 01/31/2022



#47

Tetrachloroethene

Concen: 2397.272 ug/L m

RT: 7.989 min Scan# 2161

Delta R.T. 0.016 min

Lab File: VV024486.D

Acq: 28 Jan 2022 14:53

Tgt Ion:164 Resp:21413911

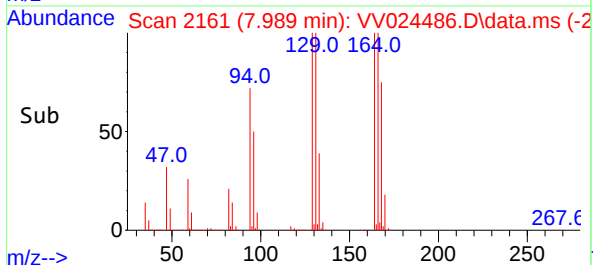
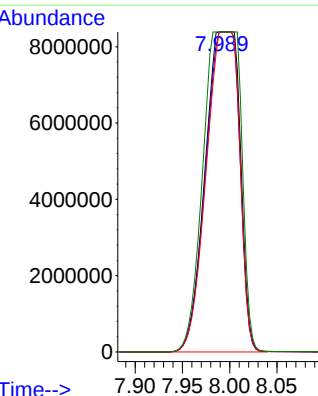
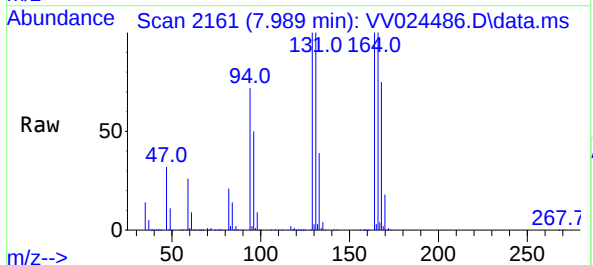
Ion Ratio Lower Upper

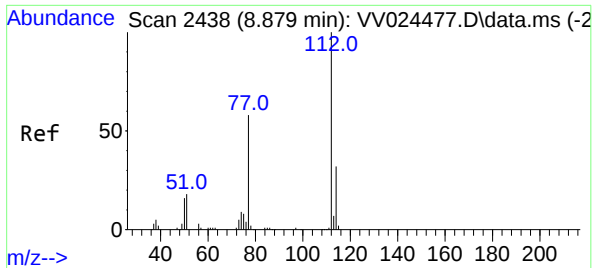
164 100

129 100.0 62.6 116.2

131 99.9 61.0 113.4

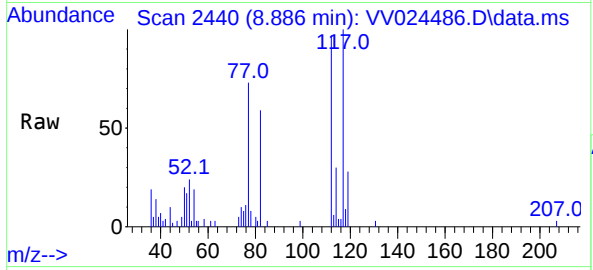
166 100.0 87.3 162.1





#51
Chlorobenzene
Concen: 0.286 ug/L
RT: 8.886 min Scan# 24
Delta R.T. 0.006 min
Lab File: VV024486.D
Acq: 28 Jan 2022 14:53

Instrument :
MSVOA_V
ClientSampleId :
C0HM1



Tgt Ion:112 Resp: 785

Ion	Ratio	Lower	Upper
112	100		
114	31.6	23.3	43.3
77	75.5	43.3	64.9

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022

