

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041923\
 Data File : VV030662.D
 Acq On : 19 Apr 2023 14:12
 Operator : SY/MD
 Sample : 02360-20DL 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AQ3DL

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/20/2023
 Supervised By :Mahesh Dadoda 04/20/2023

Quant Time: Apr 20 01:28:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 01:26:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	228139	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	218219	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	102758	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	55256	33.039	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	66.080%	
7) Chloroethane-d5	1.535	69	50374	35.943	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	71.880%	
11) 1,1-Dichloroethene-d2	2.066	65	29165	36.772	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	73.540%	
21) 2-Butanone-d5	3.796	46	94754	103.150	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	103.150%	
24) Chloroform-d	4.259	84	133928	44.188	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	88.380%	
26) 1,2-Dichloroethane-d4	4.950	65	93063	47.759	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	95.520%	
32) Benzene-d6	4.969	84	236020	45.746	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	91.500%	
36) 1,2-Dichloropropane-d6	5.998	67	77989	48.664	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	97.320%	
41) Toluene-d8	7.252	98	197702	40.813	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	81.620%	
43) trans-1,3-Dichloroprop...	7.561	79	35820	44.345	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	88.700%	
47) 2-Hexanone-d5	8.034	63	61018	96.649	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	96.650%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	112612	48.425	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	96.860%	
66) 1,2-Dichlorobenzene-d4	11.567	152	87675	53.680	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	107.360%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.072	96	2230	1.396	ug/L	# 1
20) cis-1,2-Dichloroethene	3.825	96	4365	2.488	ug/L	85
30) 1,1,1-Trichloroethane	4.519	97	14931m	4.869	ug/L	
34) Trichloroethene	5.841	95	93842	54.444	ug/L	99
51) Chlorobenzene	8.821	112	13530	2.878	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	8400	2.483	ug/L	96
67) 1,2-Dichlorobenzene	11.586	146	6257	1.933	ug/L	100

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

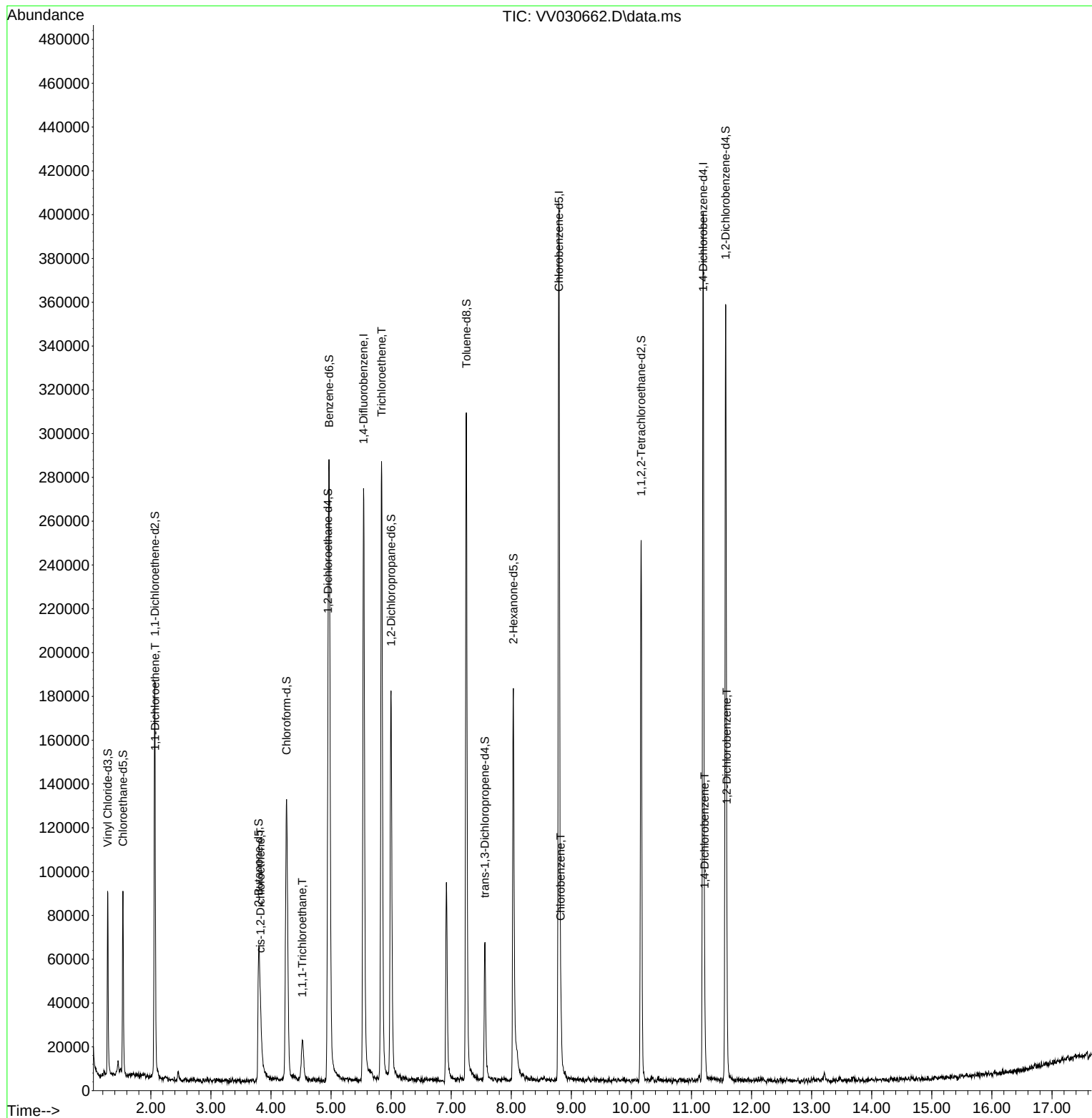
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041923\
Data File : VV030662.D
Acq On : 19 Apr 2023 14:12
Operator : SY/MD
Sample : 02360-20DL 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

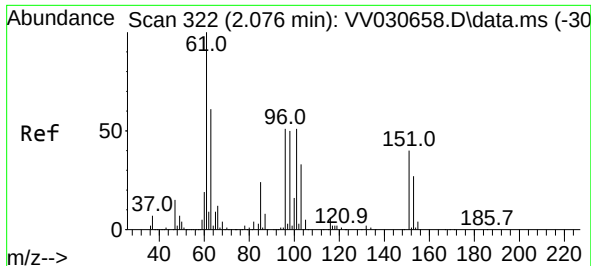
Instrument :
MSVOA_V
ClientSampleId :
C0AQ3DL

Quant Time: Apr 20 01:28:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 20 01:26:42 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/20/2023





#12

1,1-Dichloroethene

Concen: 1.396 ug/L

RT: 2.072 min Scan# 321

Delta R.T. -0.003 min

Lab File: VV030662.D

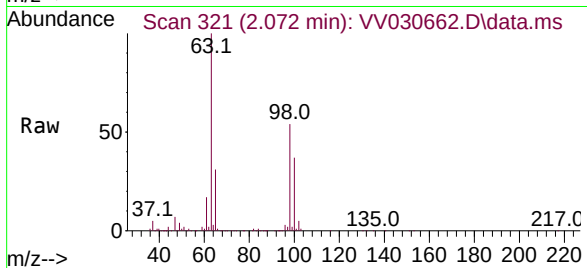
Acq: 19 Apr 2023 14:12

Instrument :

MSVOA_V

ClientSampleId :

C0AQ3DL



Tgt Ion: 96 Resp: 2230

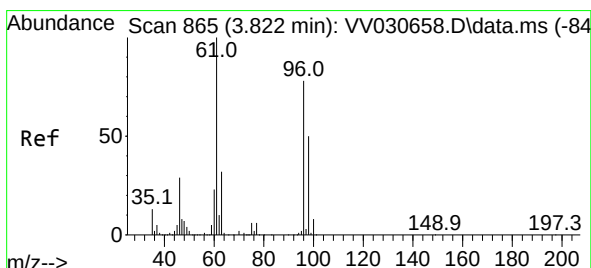
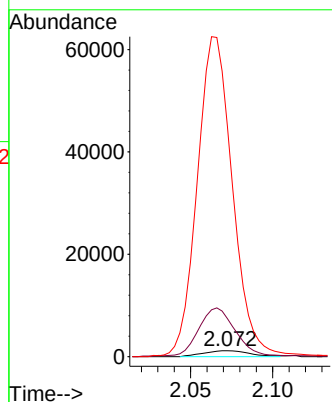
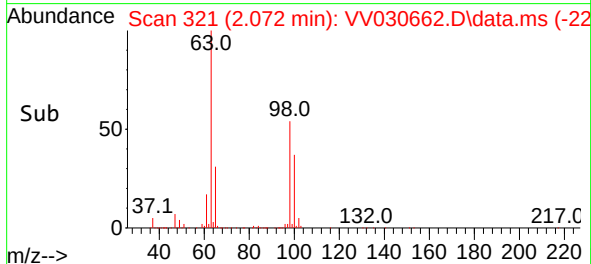
Ion	Ratio	Lower	Upper
96	100		
61	650.7	131.9	245.0
63	3941.2	99.8	185.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/20/2023

Supervised By :Mahesh Dadoda 04/20/2023



#20

cis-1,2-Dichloroethene

Concen: 2.488 ug/L

RT: 3.825 min Scan# 866

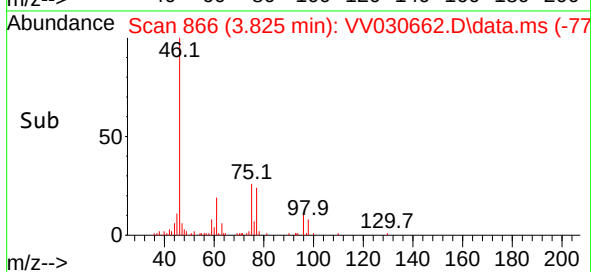
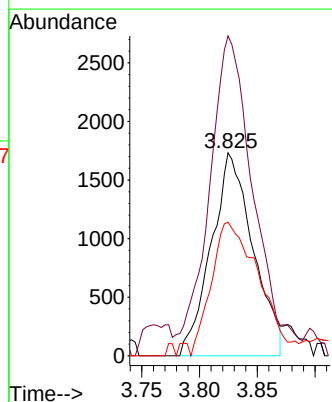
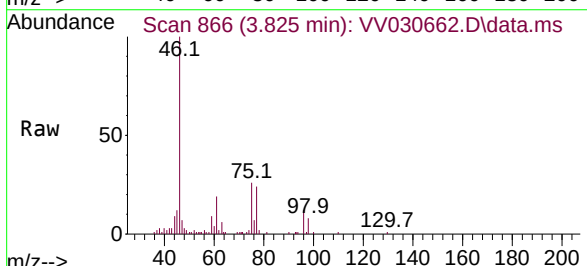
Delta R.T. 0.003 min

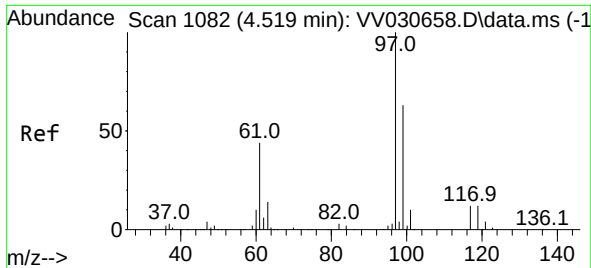
Lab File: VV030662.D

Acq: 19 Apr 2023 14:12

Tgt Ion: 96 Resp: 4365

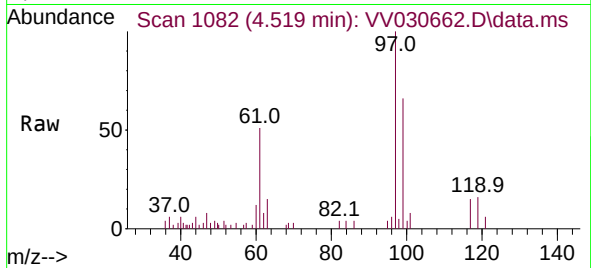
Ion	Ratio	Lower	Upper
96	100		
61	157.5	92.3	171.3
98	65.8	45.9	85.3





#30
1,1,1-Trichloroethane
Concen: 4.869 ug/L m
RT: 4.519 min Scan# 1082
Delta R.T. -0.000 min
Lab File: VV030662.D
Acq: 19 Apr 2023 14:12

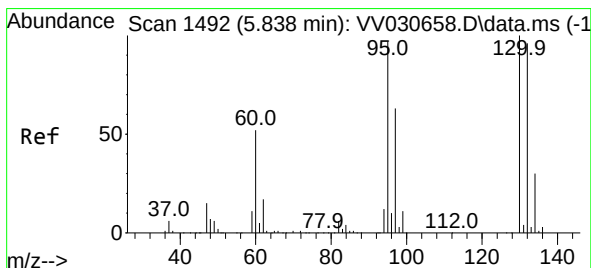
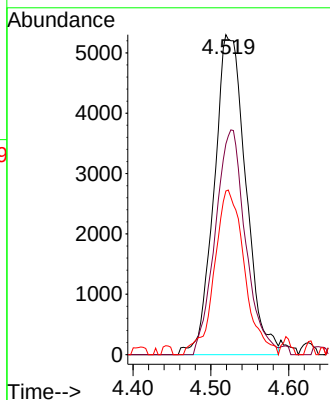
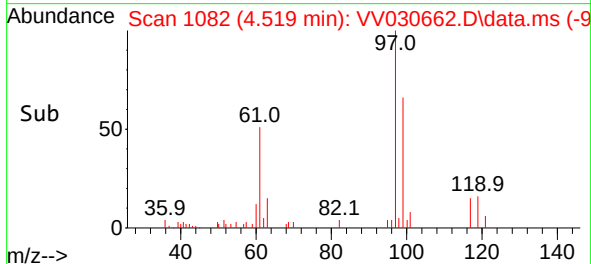
Instrument :
MSVOA_V
ClientSampleId :
C0AQ3DL



Tgt Ion: 97 Resp: 14931
Ion Ratio Lower Upper
97 100
99 67.5 51.4 77.0
61 49.1 37.0 55.6

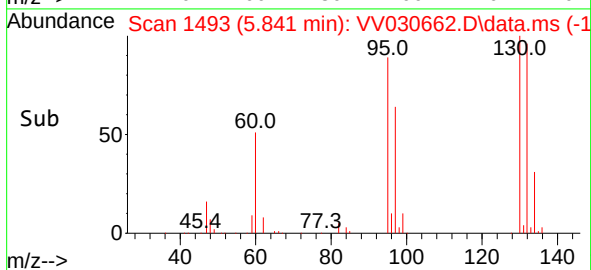
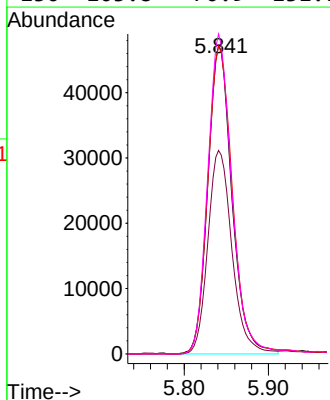
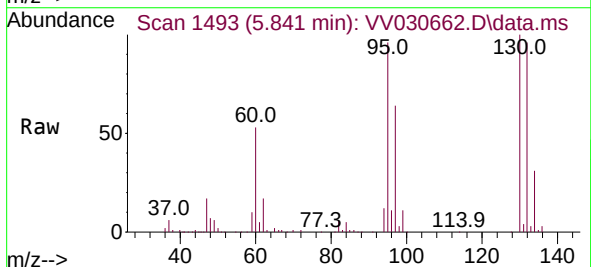
Manual Integrations
APPROVED

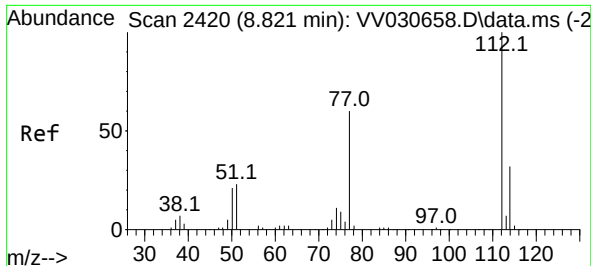
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/20/2023



#34
Trichloroethene
Concen: 54.444 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.003 min
Lab File: VV030662.D
Acq: 19 Apr 2023 14:12

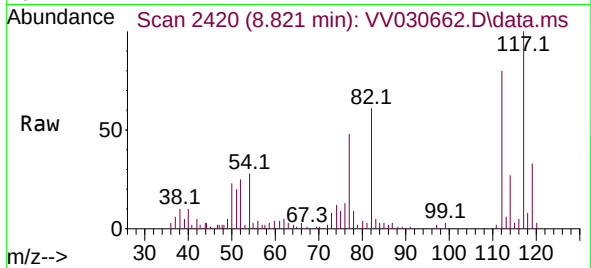
Tgt Ion: 95 Resp: 93842
Ion Ratio Lower Upper
95 100
97 66.0 45.8 85.2
132 99.9 70.6 131.2
130 103.8 70.9 131.7





#51
Chlorobenzene
Concen: 2.878 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. -0.000 min
Lab File: VV030662.D
Acq: 19 Apr 2023 14:12

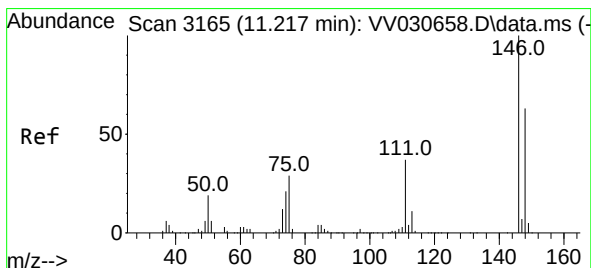
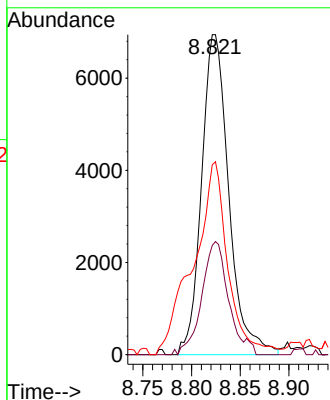
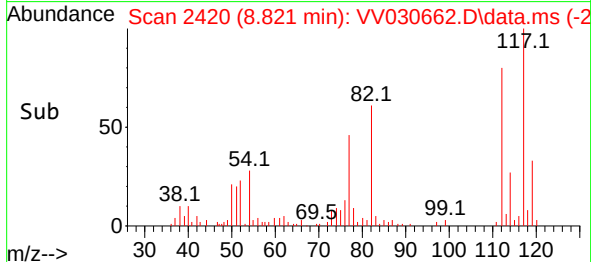
Instrument :
MSVOA_V
ClientSampleId :
C0AQ3DL



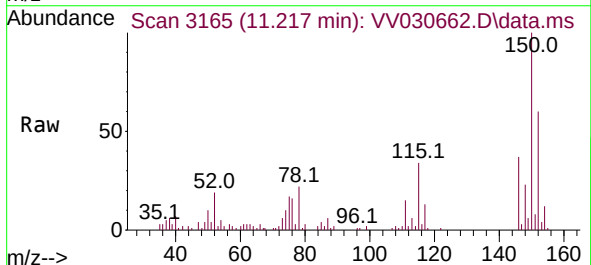
Tgt Ion:112 Resp: 13530
Ion Ratio Lower Upper
112 100
114 34.1 22.4 41.6
77 59.4 47.4 71.0

Manual Integrations
APPROVED

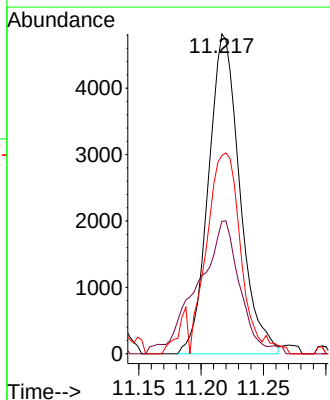
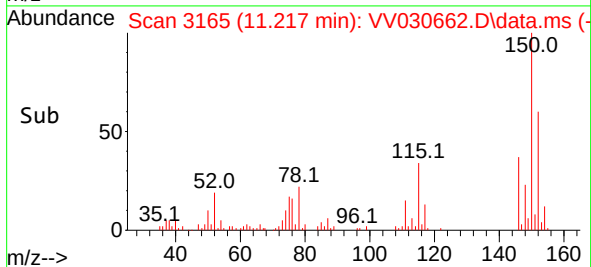
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/20/2023

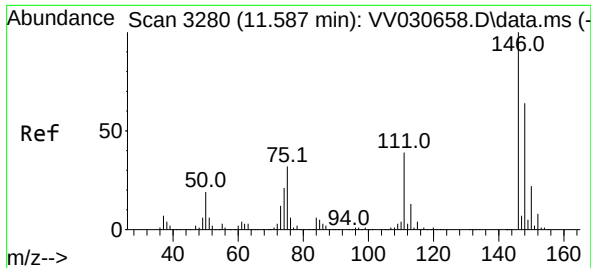


#65
1,4-Dichlorobenzene
Concen: 2.483 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030662.D
Acq: 19 Apr 2023 14:12



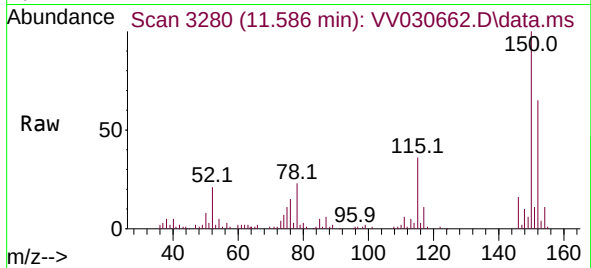
Tgt Ion:146 Resp: 8400
Ion Ratio Lower Upper
146 100
111 41.4 26.5 49.1
148 62.0 44.7 83.1





#67
1,2-Dichlorobenzene
Concen: 1.933 ug/L
RT: 11.586 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV030662.D
Acq: 19 Apr 2023 14:12

Instrument :
MSVOA_V
ClientSampleId :
C0AQ3DL



Tgt Ion:146 Resp: 625
Ion Ratio Lower Upper
146 100
111 39.8 32.0 48.0
148 63.5 50.6 76.0

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/20/2023

