

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041423\
 Data File : VU053698.D
 Acq On : 13 Apr 2023 21:49
 Operator : JC/MD
 Sample : 02254-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AB4

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/14/2023
 Supervised By :Mahesh Dadoda 04/18/2023

Quant Time: Apr 14 02:27:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 14 02:17:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	133870	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	129093	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	65541	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	53545	5.814	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	116.200%	
7) Chloroethane-d5	1.909	69	41973	5.022	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.400%	
11) 1,1-Dichloroethene-d2	2.562	65	23267	5.931	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	118.600%	
20) 2-Butanone-d5	4.620	46	87010	41.242	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	82.480%	
24) Chloroform-d	5.060	84	78694	4.609	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.200%	
26) 1,2-Dichloroethane-d4	5.697	65	39081	4.467	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.400%	
32) Benzene-d6	5.722	84	155998	4.264	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.200%	
36) 1,2-Dichloropropane-d6	6.687	67	49799	4.467	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.400%	
41) Toluene-d8	7.893	98	154874	4.487	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.800%	
43) trans-1,3-Dichloroprop...	8.176	79	19254	4.501	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.000%	
46) 2-Hexanone-d5	8.629	63	76393	43.964	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	87.920%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	40332	4.346	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	87.000%	
66) 1,2-Dichlorobenzene-d4	12.192	152	52041	4.414	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	88.200%	
Target Compounds						Qvalue
5) Vinyl chloride	1.600	62	3567	0.327	ug/L #	82
9) Trichlorofluoromethane	2.137	101	4326	0.263	ug/L	85
12) 1,1-Dichloroethene	2.571	96	15582956	2055.949	ug/L #	44
19) 1,1-Dichloroethane	3.864	63	1012578	69.818	ug/L	96
22) cis-1,2-Dichloroethene	4.665	96	1879	0.177	ug/L	96
25) Chloroform	5.083	83	14482	0.971	ug/L	96
27) 1,2-Dichloroethane	5.790	62	17026	1.822	ug/L #	89
29) 1,1,1-Trichloroethane	5.304	97	26334627m	2066.325	ug/L	
34) Trichloroethene	6.536	95	233055	25.301	ug/L	95
45) 1,1,2-Trichloroethane	8.398	97	2053	0.317	ug/L	82
47) Tetrachloroethene	8.549	164	36843	5.444	ug/L	95

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

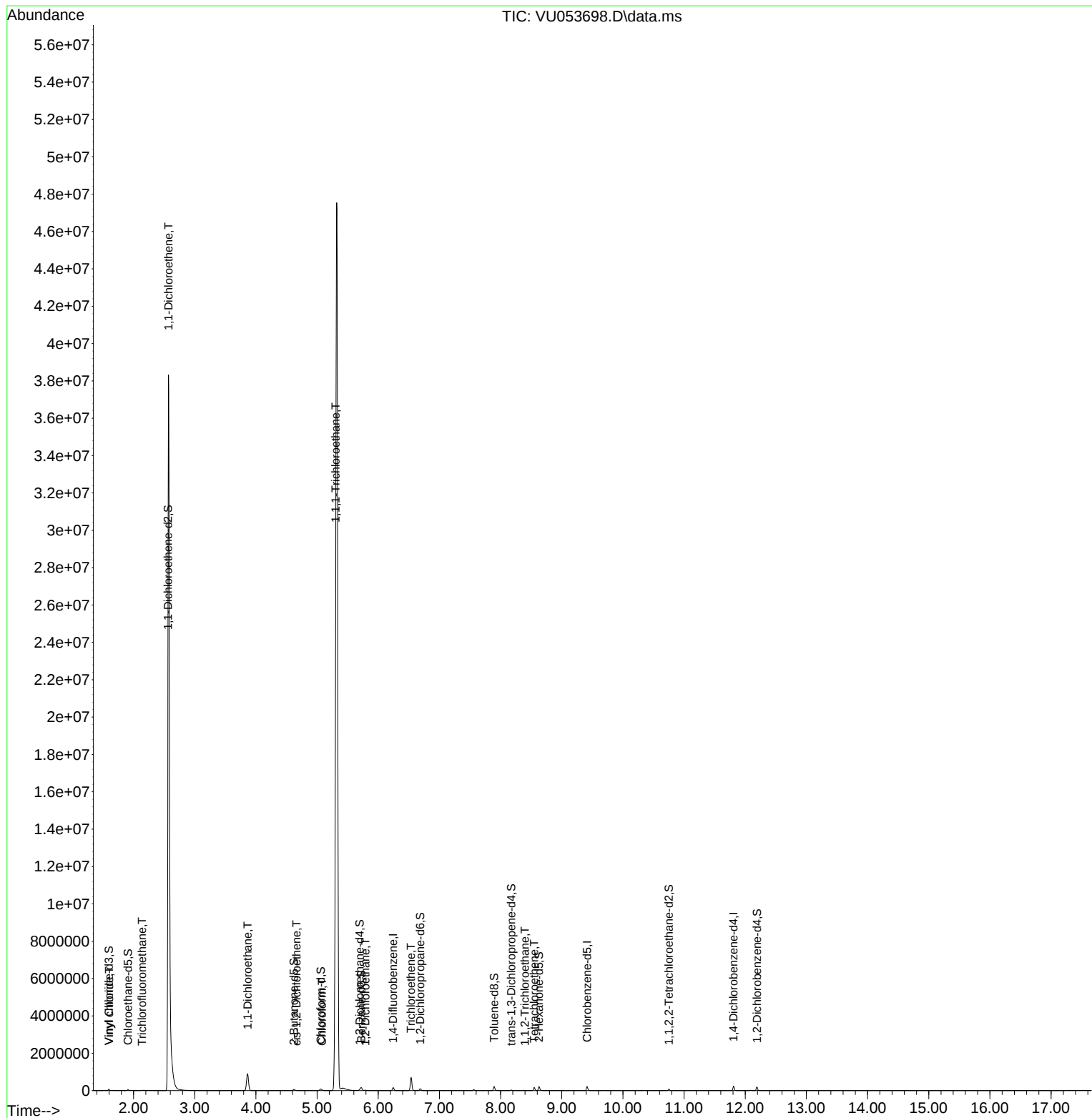
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041423\
Data File : VU053698.D
Acq On : 13 Apr 2023 21:49
Operator : JC/MD
Sample : 02254-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

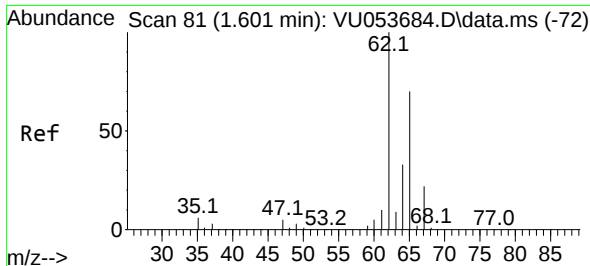
Instrument :
MSVOA_U
ClientSampleId :
C0AB4

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/18/2023

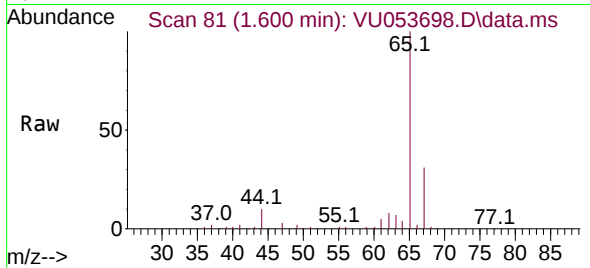
Quant Time: Apr 14 02:27:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 14 02:17:15 2023
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 0.327 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU053698.D
 Acq: 13 Apr 2023 21:49

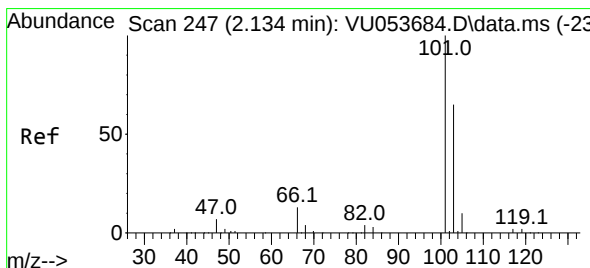
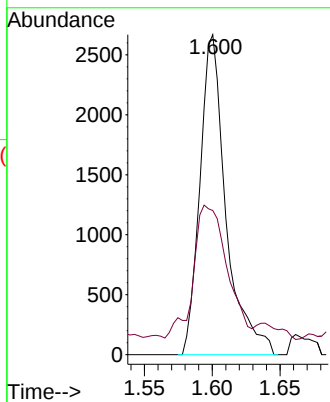
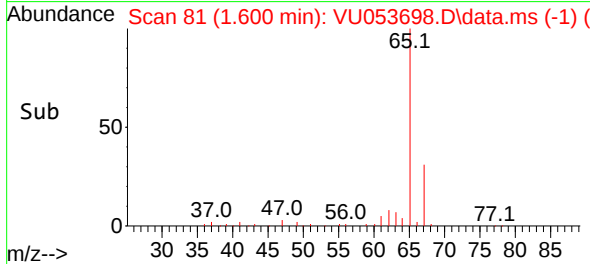
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AB4



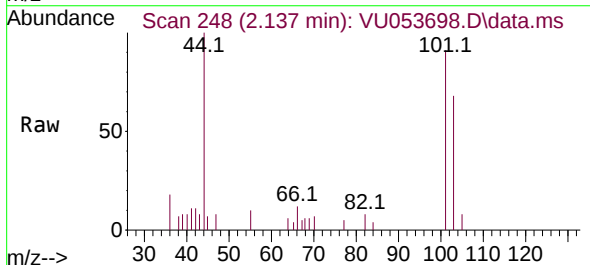
Tgt Ion: 62 Resp: 356
 Ion Ratio Lower Upper
 62 100
 64 45.1 24.1 44.7

Manual Integrations
 APPROVED

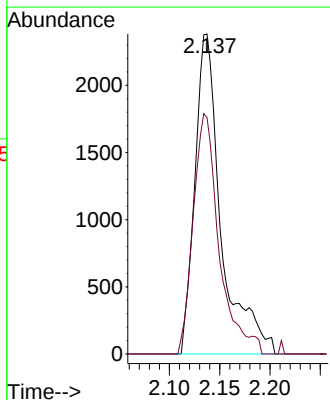
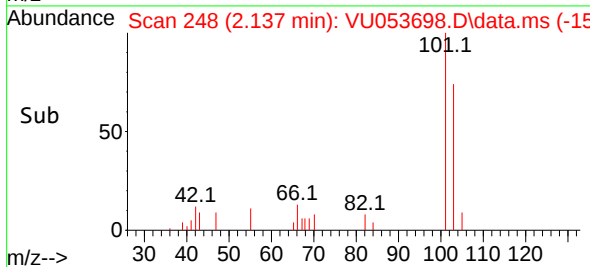
Reviewed By :Krupa Patel 04/14/2023
 Supervised By :Mahesh Dadoda 04/18/2023

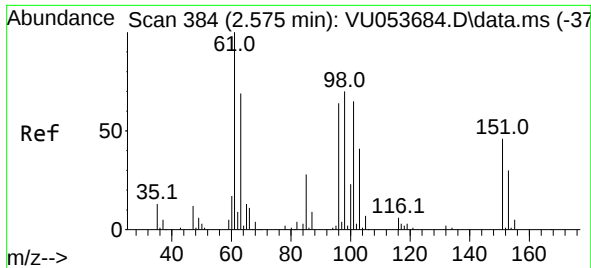


#9
 Trichlorofluoromethane
 Concen: 0.263 ug/L
 RT: 2.137 min Scan# 248
 Delta R.T. 0.003 min
 Lab File: VU053698.D
 Acq: 13 Apr 2023 21:49



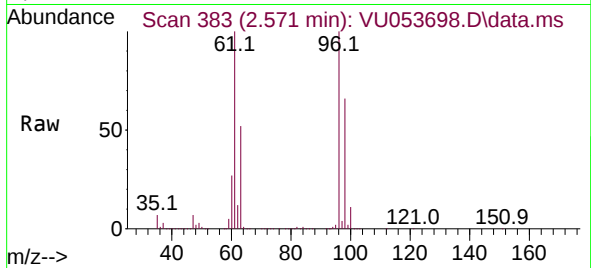
Tgt Ion:101 Resp: 4326
 Ion Ratio Lower Upper
 101 100
 103 74.0 50.2 75.2





#12
1,1-Dichloroethene
Concen: 2055.949 ug/L
RT: 2.571 min Scan# 384
Delta R.T. -0.003 min
Lab File: VU053698.D
Acq: 13 Apr 2023 21:49

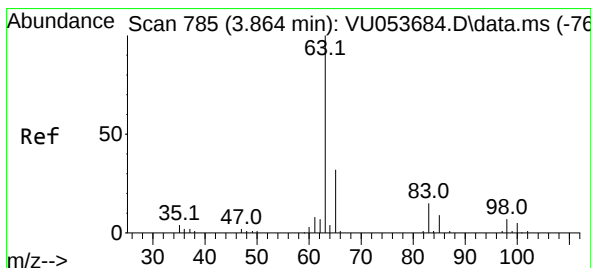
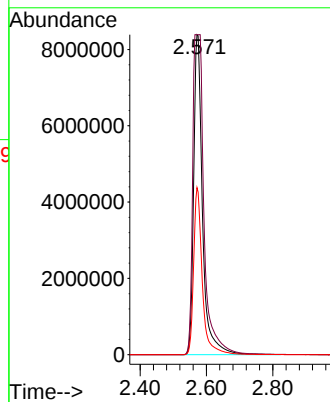
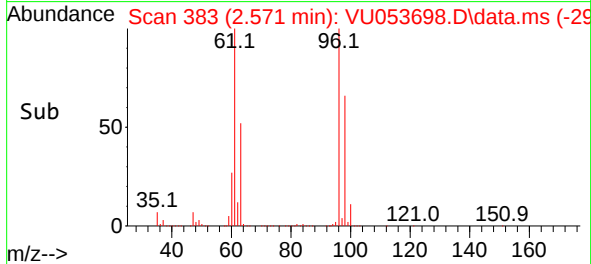
Instrument :
MSVOA_U
ClientSampleId :
C0AB4



Tgt Ion: 96 Resp:1558295
Ion Ratio Lower Upper
96 100
61 100.0 116.8 216.8
63 52.2 88.6 164.6

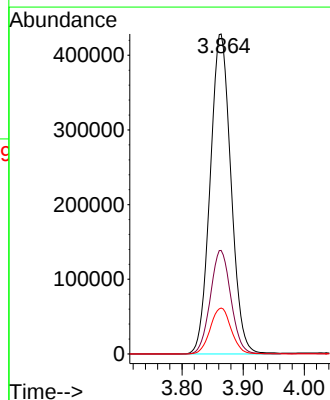
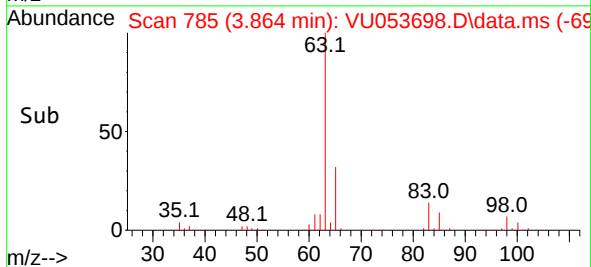
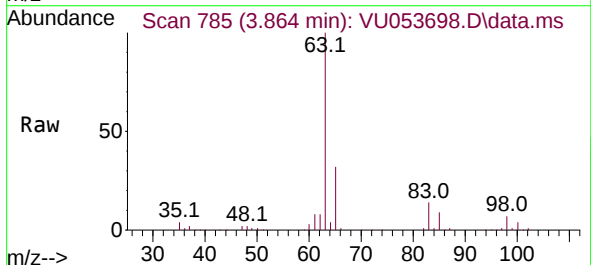
Manual Integrations
APPROVED

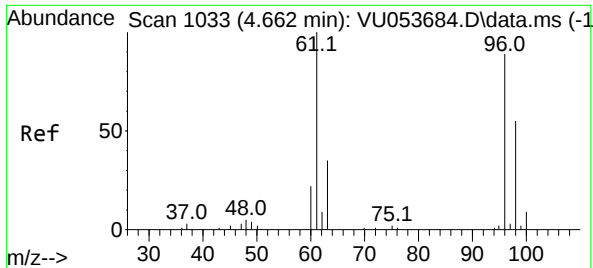
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/18/2023



#19
1,1-Dichloroethane
Concen: 69.818 ug/L
RT: 3.864 min Scan# 785
Delta R.T. -0.000 min
Lab File: VU053698.D
Acq: 13 Apr 2023 21:49

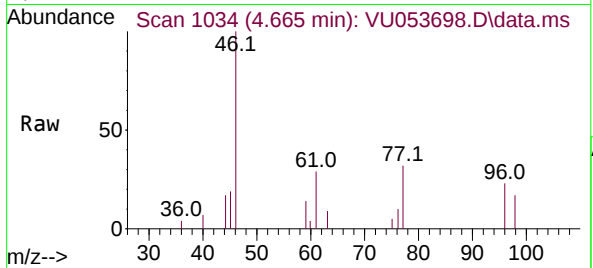
Tgt Ion: 63 Resp: 1012578
Ion Ratio Lower Upper
63 100
65 32.3 21.7 40.3
83 14.3 8.1 15.1





#22
cis-1,2-Dichloroethene
Concen: 0.177 ug/L
RT: 4.665 min Scan# 1033
Delta R.T. 0.003 min
Lab File: VU053698.D
Acq: 13 Apr 2023 21:49

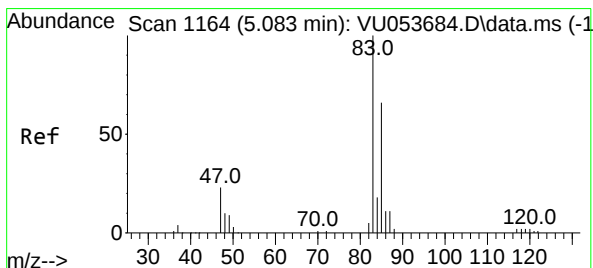
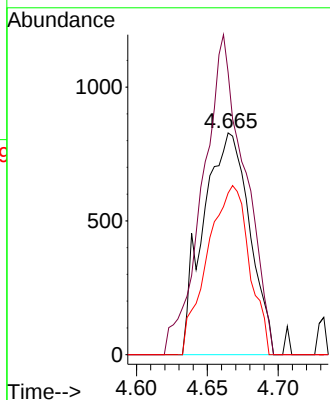
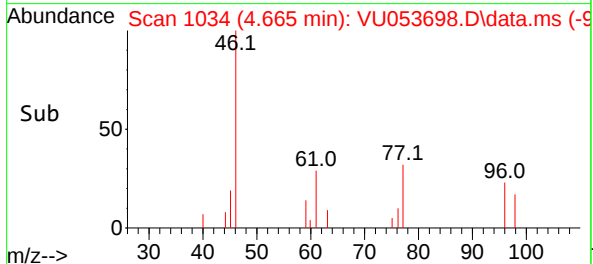
Instrument :
MSVOA_U
ClientSampleId :
C0AB4



Tgt Ion: 96 Resp: 1879
Ion Ratio Lower Upper
96 100
61 127.3 86.6 160.8
98 72.9 47.7 88.5

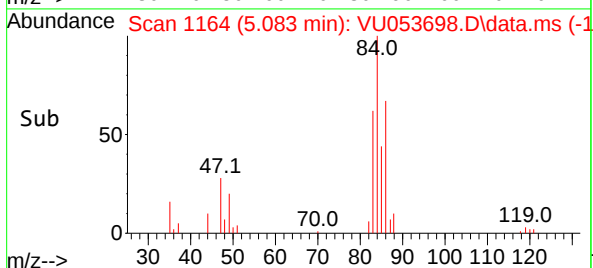
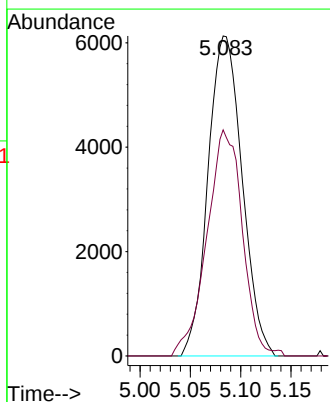
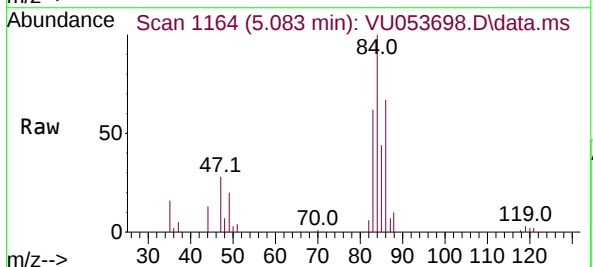
Manual Integrations
APPROVED

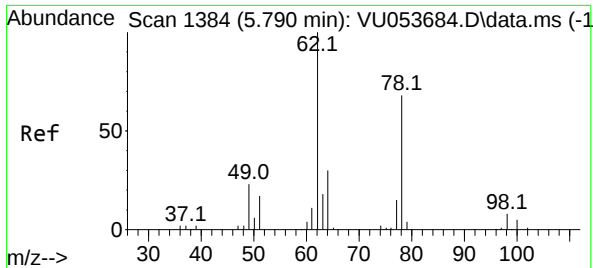
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/18/2023



#25
Chloroform
Concen: 0.971 ug/L
RT: 5.083 min Scan# 1164
Delta R.T. -0.000 min
Lab File: VU053698.D
Acq: 13 Apr 2023 21:49

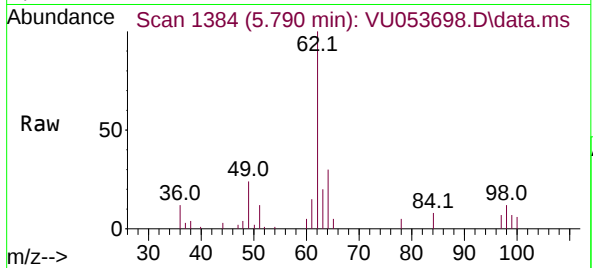
Tgt Ion: 83 Resp: 14482
Ion Ratio Lower Upper
83 100
85 70.6 47.3 87.9





#27
1,2-Dichloroethane
Concen: 1.822 ug/L
RT: 5.790 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU053698.D
Acq: 13 Apr 2023 21:49

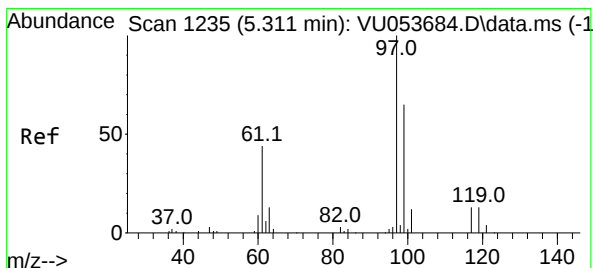
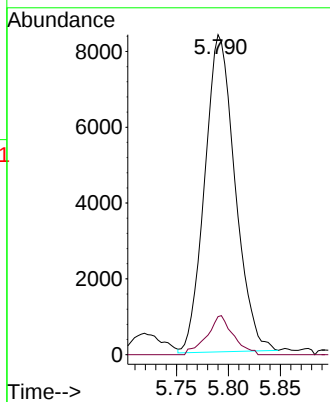
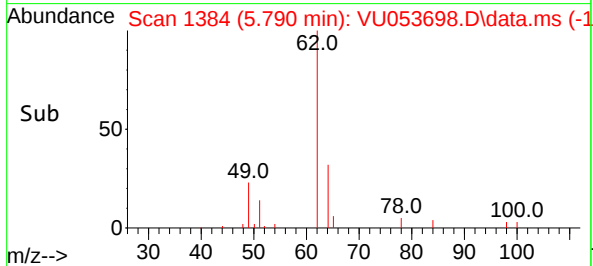
Instrument :
MSVOA_U
ClientSampleId :
C0AB4



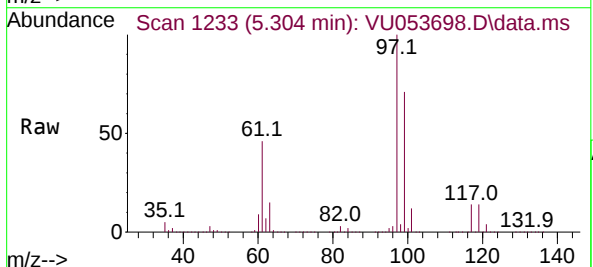
Tgt Ion: 62 Resp: 17020
Ion Ratio Lower Upper
62 100
98 11.9 6.4 9.6

Manual Integrations
APPROVED

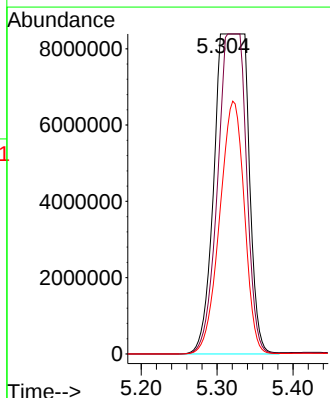
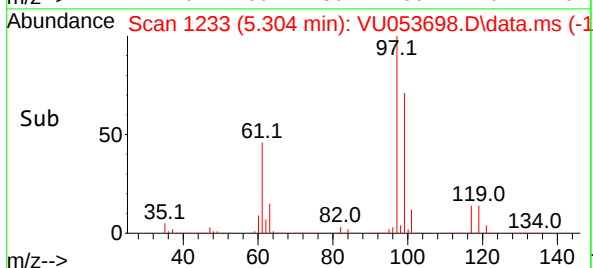
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/18/2023

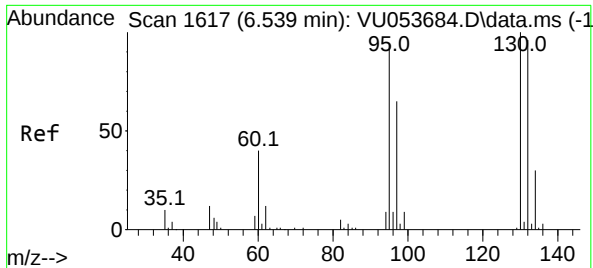


#29
1,1,1-Trichloroethane
Concen: 2066.325 ug/L m
RT: 5.304 min Scan# 1233
Delta R.T. -0.007 min
Lab File: VU053698.D
Acq: 13 Apr 2023 21:49



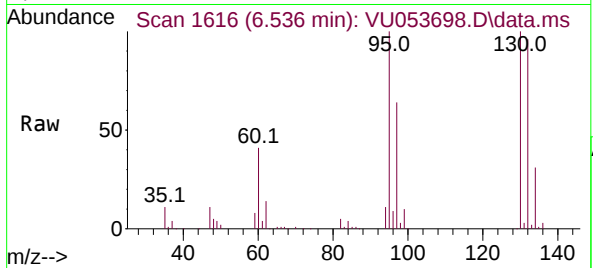
Tgt Ion: 97 Resp:26334627
Ion Ratio Lower Upper
97 100
99 0.0 49.9 74.9#
61 0.0 35.7 53.5#





#34
Trichloroethene
Concen: 25.301 ug/L
RT: 6.536 min Scan# 1616
Delta R.T. -0.003 min
Lab File: VU053698.D
Acq: 13 Apr 2023 21:49

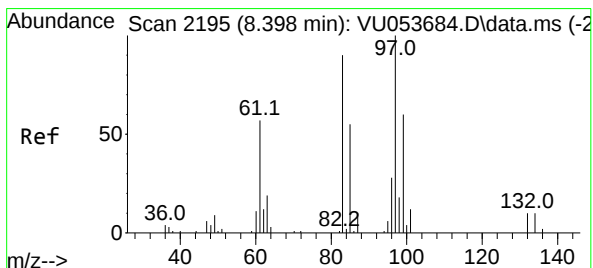
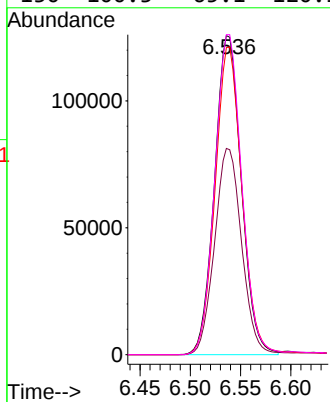
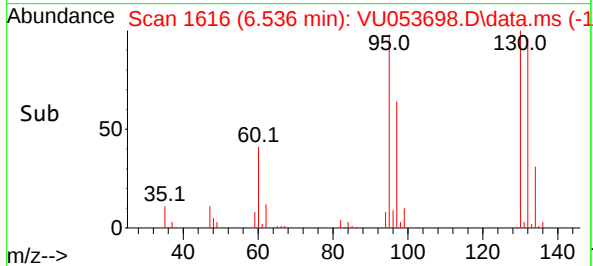
Instrument :
MSVOA_U
ClientSampleId :
C0AB4



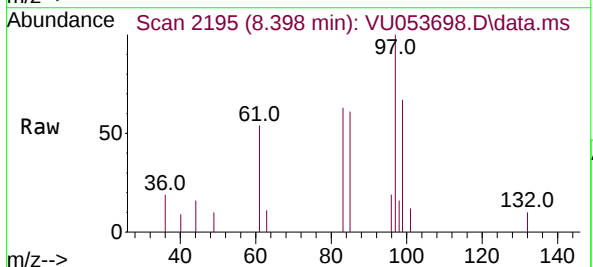
Tgt Ion: 95 Resp: 23305
Ion Ratio Lower Upper
95 100
97 64.7 45.3 84.1
132 96.2 62.8 116.6
130 100.3 65.1 120.9

Manual Integrations
APPROVED

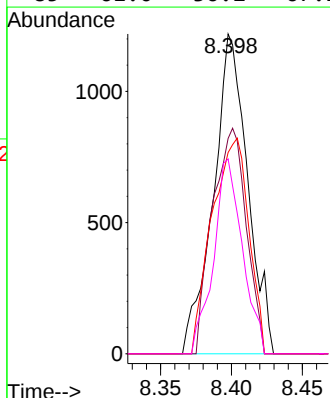
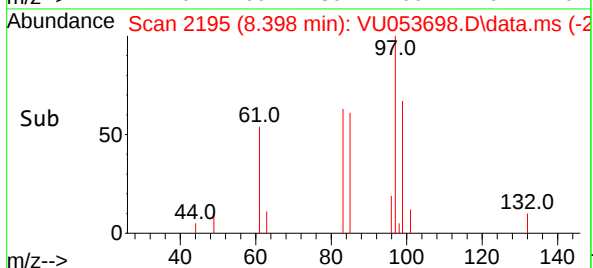
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/18/2023

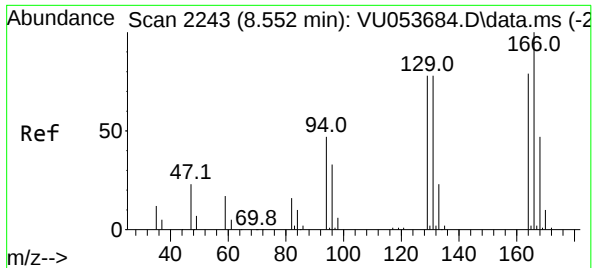


#45
1,1,2-Trichloroethane
Concen: 0.317 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU053698.D
Acq: 13 Apr 2023 21:49



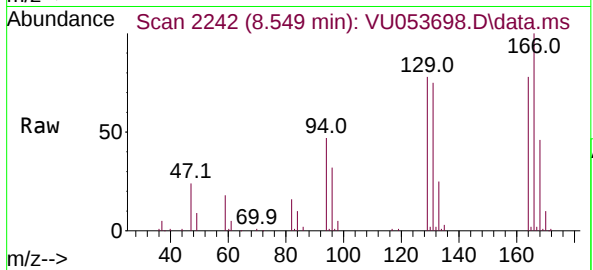
Tgt Ion: 97 Resp: 2053
Ion Ratio Lower Upper
97 100
99 67.4 38.9 72.2
83 62.9 57.6 107.0
85 61.0 36.2 67.2





#47
Tetrachloroethene
Concen: 5.444 ug/L
RT: 8.549 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU053698.D
Acq: 13 Apr 2023 21:49

Instrument :
MSVOA_U
ClientSampleId :
C0AB4



Tgt Ion:	164	Resp:	3684
Ion	Ratio	Lower	Upper
164	100		
129	100.2	74.8	138.8
131	96.5	70.1	130.1
166	128.8	87.3	162.1

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/18/2023

