

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041423\
 Data File : VU053688.D
 Acq On : 13 Apr 2023 17:42
 Operator : JC/MD
 Sample : 02299-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE5

Manual Integrations
 APPROVED

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

Quant Time: Apr 14 02:25:15 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)

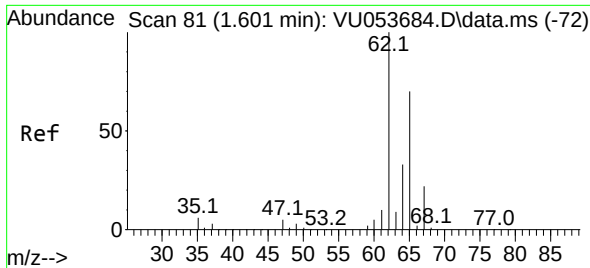
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	161714	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	153504	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	73408	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	71837	6.457	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	129.200%
7) Chloroethane-d5	1.906	69	54486	5.396	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.000%
11) 1,1-Dichloroethene-d2	2.562	65	27184	5.736	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	114.800%
20) 2-Butanone-d5	4.623	46	118642	46.552	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.100%
24) Chloroform-d	5.063	84	103836	5.035	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.700	65	50691	4.796	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.726	84	198575	4.565	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.687	67	64586	4.872	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.893	98	185470	4.519	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	8.176	79	23814	4.681	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.600%
46) 2-Hexanone-d5	8.629	63	103716	50.196	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.400%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	52818	4.787	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	12.188	152	68697	5.202	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.000%
Target Compounds						Qvalue
5) Vinyl chloride	1.600	62	11129	0.845	ug/L	83
9) Trichlorofluoromethane	2.134	101	105549	5.310	ug/L	97
12) 1,1-Dichloroethene	2.575	96	12439782m	1358.660	ug/L	
19) 1,1-Dichloroethane	3.864	63	3200256	182.666	ug/L	96
25) Chloroform	5.089	83	27642	1.534	ug/L	92
27) 1,2-Dichloroethane	5.796	62	16203	1.435	ug/L #	95
29) 1,1,1-Trichloroethane	5.304	97	46177337m	3047.076	ug/L	
34) Trichloroethene	6.539	95	281102	25.664	ug/L	93
45) 1,1,2-Trichloroethane	8.398	97	2080	0.270	ug/L	90
47) Tetrachloroethene	8.549	164	13668	1.698	ug/L	97

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

Manual Integrations
APPROVED

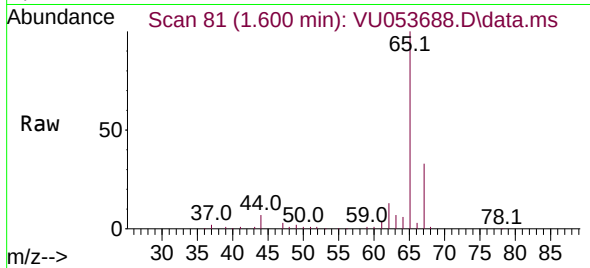
Quant Time: Apr 14 02:25:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 14 02:17:15 2023
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 0.845 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU053688.D
 Acq: 13 Apr 2023 17:42

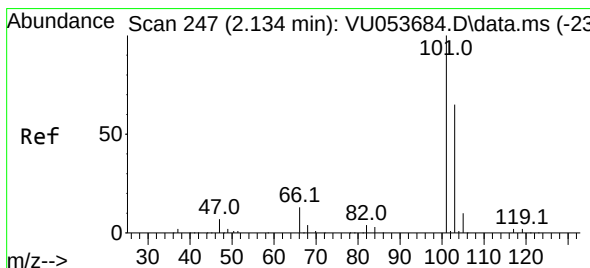
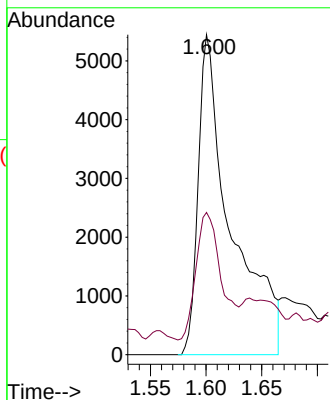
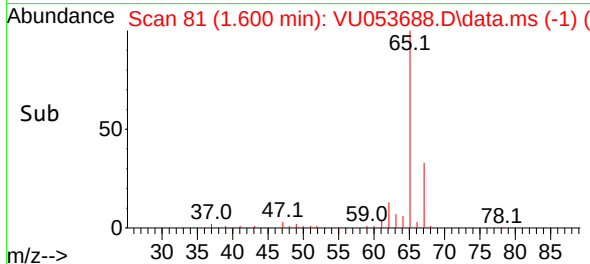
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE5



Tgt Ion: 62 Resp: 11129
 Ion Ratio Lower Upper
 62 100
 64 44.5 24.1 44.7

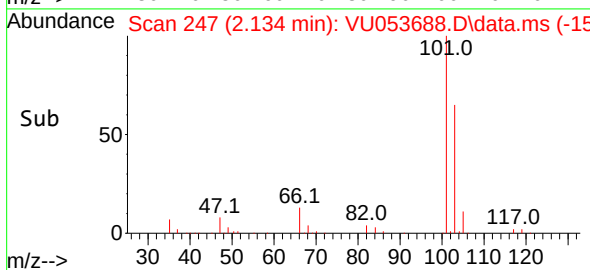
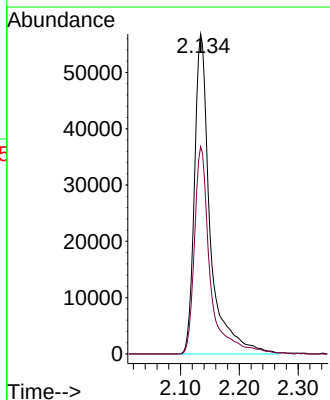
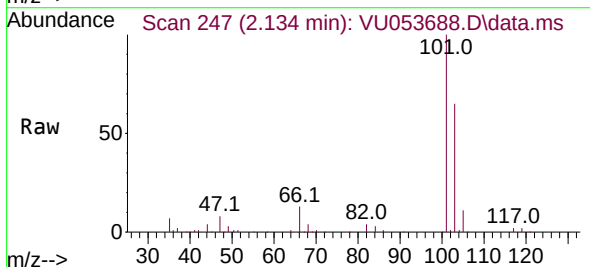
Manual Integrations
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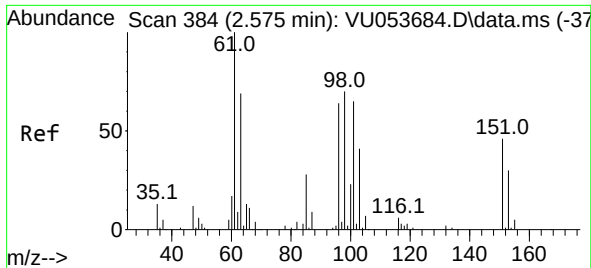
Reviewed By :Krupa Patel 04/14/2023
 Supervised By :Mahesh Dadoda 04/18/2023



#9
 Trichlorofluoromethane
 Concen: 5.310 ug/L
 RT: 2.134 min Scan# 247
 Delta R.T. -0.000 min
 Lab File: VU053688.D
 Acq: 13 Apr 2023 17:42

Tgt Ion:101 Resp: 105549
 Ion Ratio Lower Upper
 101 100
 103 65.1 50.2 75.2





#12

1,1-Dichloroethene

Concen: 1358.660 ug/L m

RT: 2.575 min Scan# 384

Delta R.T. -0.000 min

Lab File: VU053688.D

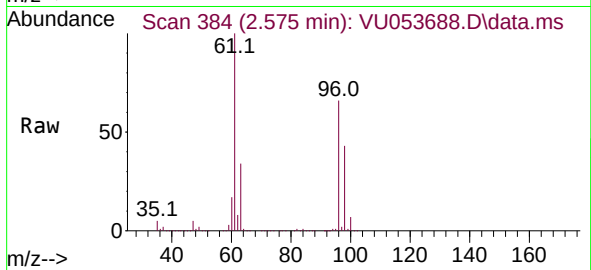
Acq: 13 Apr 2023 17:42

Instrument :

MSVOA_U

ClientSampleId :

C0AE5



Tgt Ion: 96 Resp:1243978

Ion Ratio Lower Upper

96 100

61 152.4 116.8 216.8

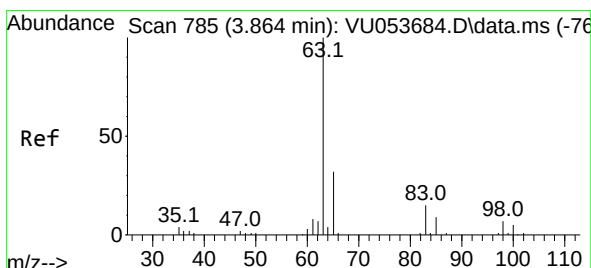
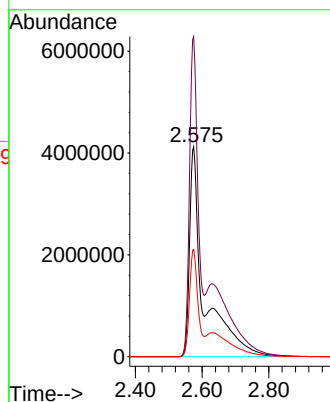
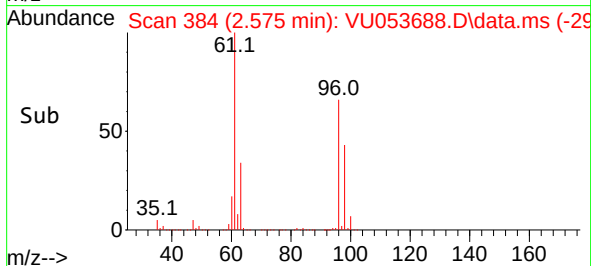
63 51.2 88.6 164.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/14/2023

Supervised By :Mahesh Dadoda 04/18/2023



#19

1,1-Dichloroethane

Concen: 182.666 ug/L

RT: 3.864 min Scan# 785

Delta R.T. -0.000 min

Lab File: VU053688.D

Acq: 13 Apr 2023 17:42

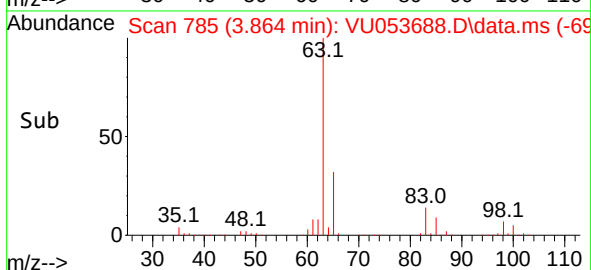
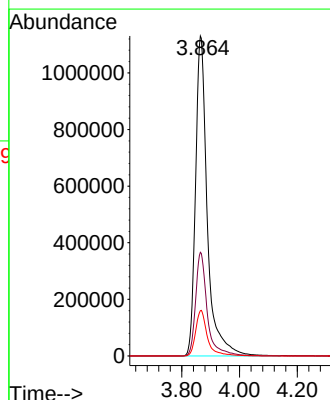
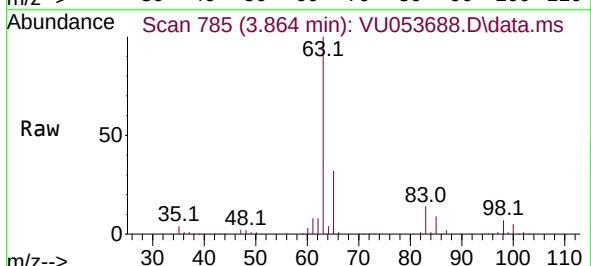
Tgt Ion: 63 Resp: 3200256

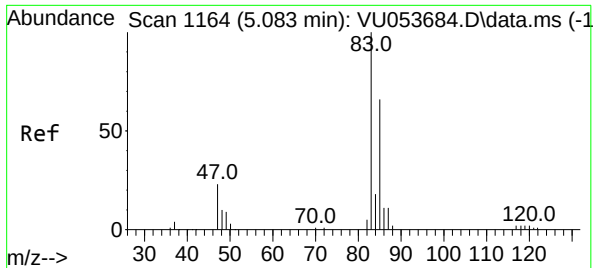
Ion Ratio Lower Upper

63 100

65 32.4 21.7 40.3

83 14.2 8.1 15.1





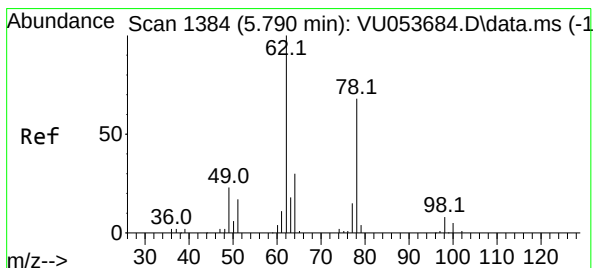
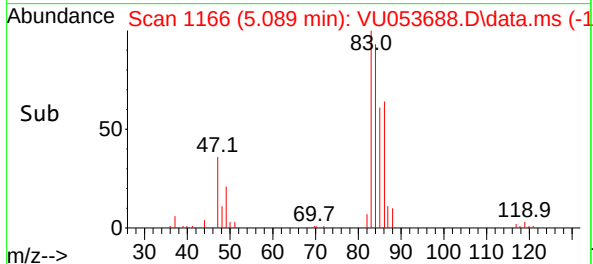
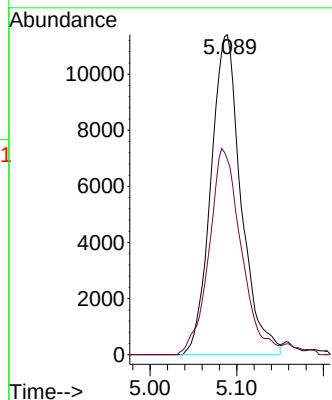
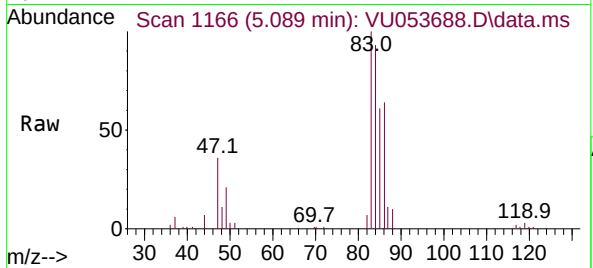
#25
Chloroform
Concen: 1.534 ug/L
RT: 5.089 min Scan# 1164
Delta R.T. 0.006 min
Lab File: VU053688.D
Acq: 13 Apr 2023 17:42

Instrument :
MSVOA_U
ClientSampleId :
C0AE5

Tgt Ion: 83 Resp: 2764
Ion Ratio Lower Upper
83 100
85 61.2 47.3 87.9

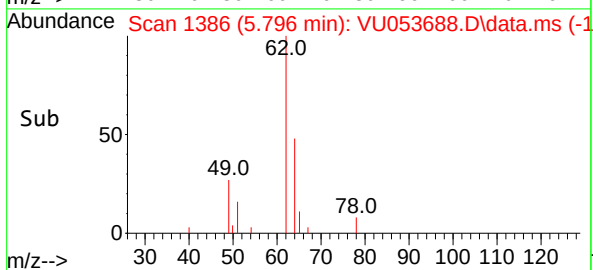
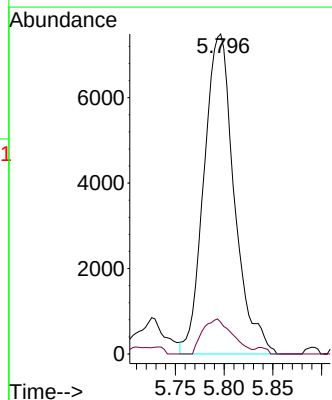
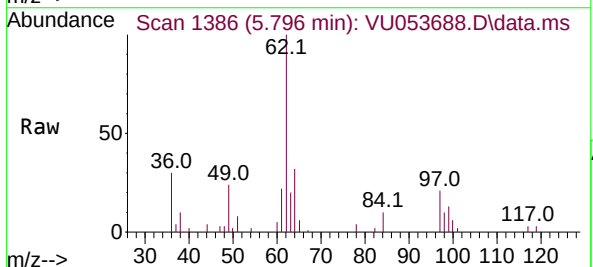
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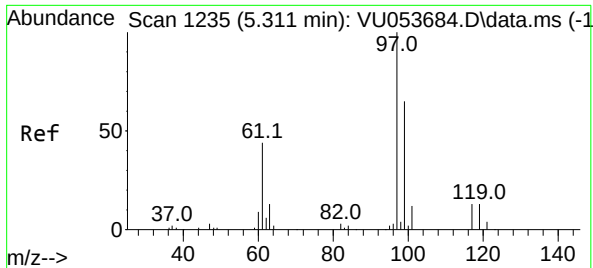
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/18/2023



#27
1,2-Dichloroethane
Concen: 1.435 ug/L
RT: 5.796 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VU053688.D
Acq: 13 Apr 2023 17:42

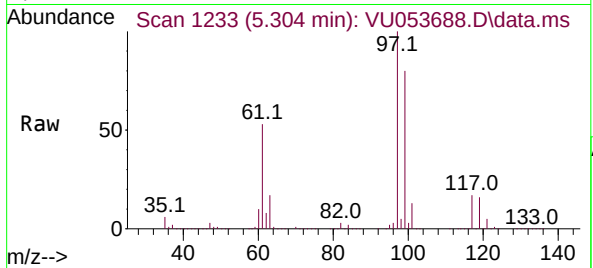
Tgt Ion: 62 Resp: 16203
Ion Ratio Lower Upper
62 100
98 9.9 6.4 9.6#





#29
1,1,1-Trichloroethane
Concen: 3047.076 ug/L m
RT: 5.304 min Scan# 11
Delta R.T. -0.007 min
Lab File: VU053688.D
Acq: 13 Apr 2023 17:42

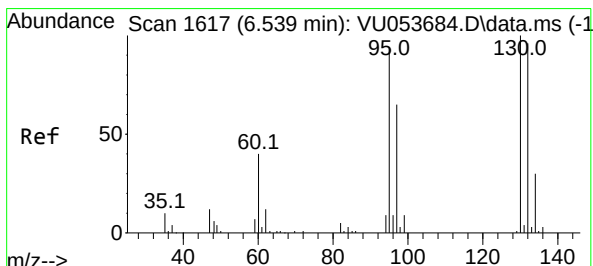
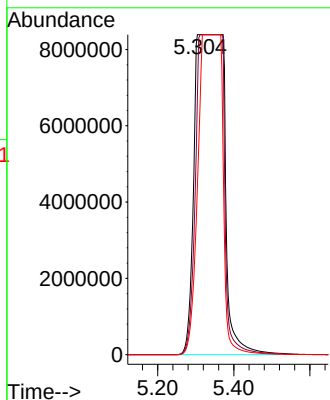
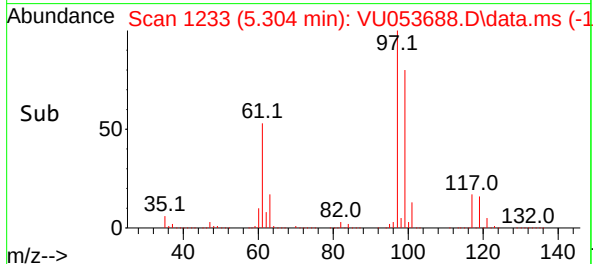
Instrument :
MSVOA_U
ClientSampleId :
C0AE5



Tgt Ion: 97 Resp: 4617733
Ion Ratio Lower Upper
97 100
99 0.0 49.9 74.9
61 0.0 35.7 53.5

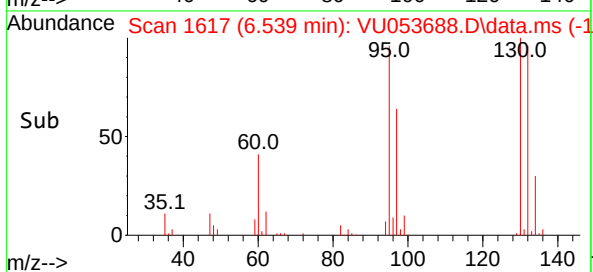
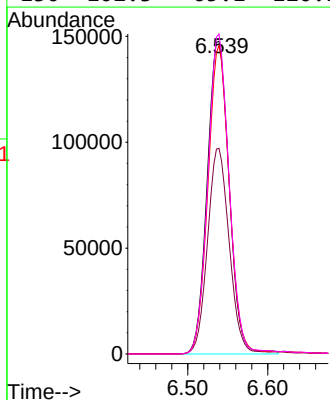
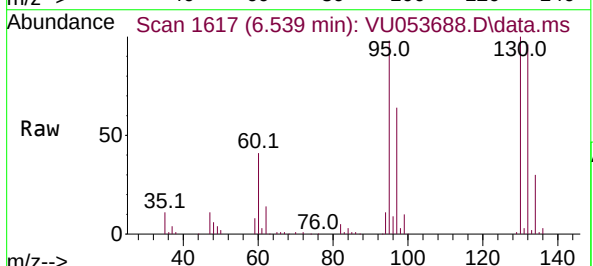
Manual Integrations
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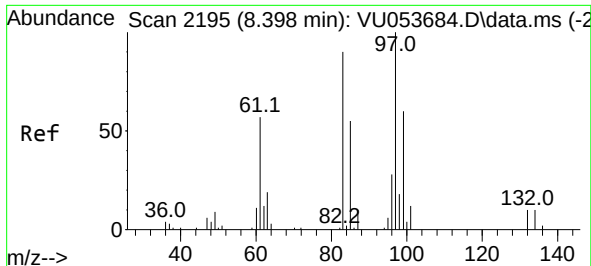
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/18/2023



#34
Trichloroethene
Concen: 25.664 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU053688.D
Acq: 13 Apr 2023 17:42

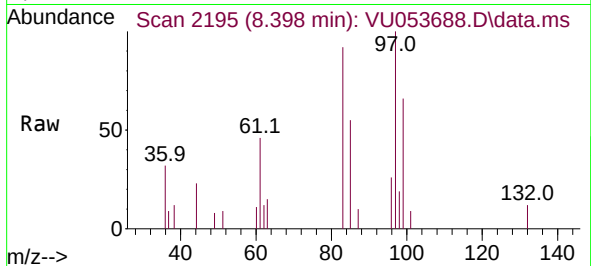
Tgt Ion: 95 Resp: 281102
Ion Ratio Lower Upper
95 100
97 65.8 45.3 84.1
132 98.6 62.8 116.6
130 102.3 65.1 120.9





#45
1,1,2-Trichloroethane
Concen: 0.270 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU053688.D
Acq: 13 Apr 2023 17:42

Instrument :
MSVOA_U
ClientSampleId :
C0AE5

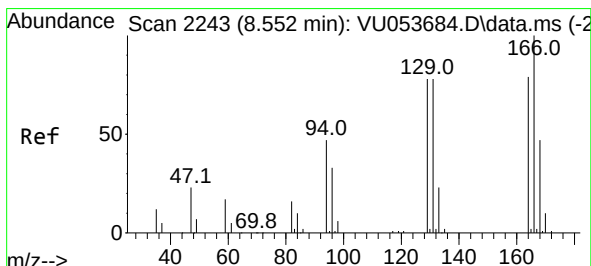
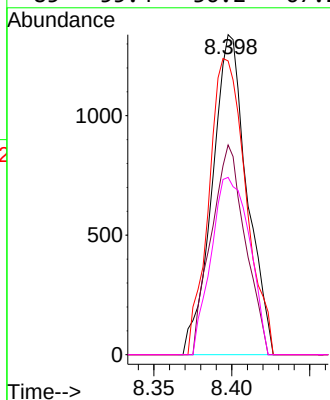
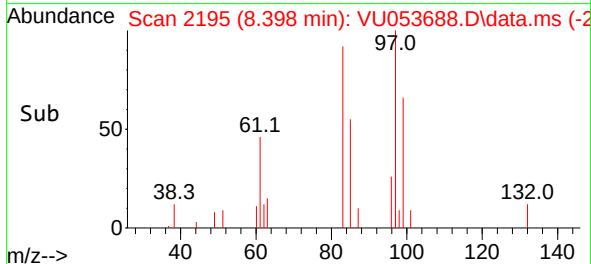


Tgt Ion: 97 Resp: 2080

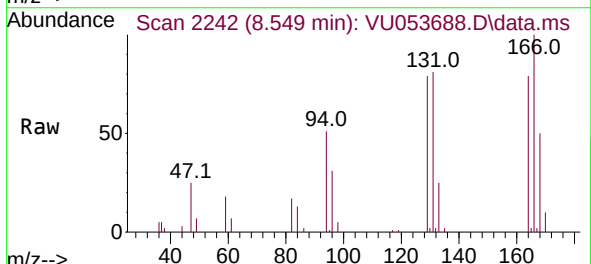
Ion	Ratio	Lower	Upper
97	100		
99	65.6	38.9	72.2
83	91.8	57.6	107.0
85	55.4	36.2	67.2

Manual Integrations
APPROVED

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



#47
Tetrachloroethene
Concen: 1.698 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VU053688.D
Acq: 13 Apr 2023 17:42



Tgt Ion:164 Resp: 13668

Ion	Ratio	Lower	Upper
164	100		
129	100.9	74.8	138.8
131	102.8	70.1	130.1
166	127.1	87.3	162.1

