

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041423\
 Data File : VU053689.D
 Acq On : 13 Apr 2023 18:06
 Operator : JC/MD
 Sample : 02299-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE7

Manual Integrations
 APPROVED

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

Quant Time: Apr 14 02:25:30 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	6.244	114	159582	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	153121	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	74049	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	68162	6.209	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	124.200%	
7) Chloroethane-d5	1.906	69	51766	5.195	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	104.000%	
11) 1,1-Dichloroethene-d2	2.562	65	26550	5.677	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	113.600%	
20) 2-Butanone-d5	4.620	46	107877	42.894	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	85.780%	
24) Chloroform-d	5.060	84	92867	4.563	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.200%	
26) 1,2-Dichloroethane-d4	5.697	65	46314	4.441	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.800%	
32) Benzene-d6	5.723	84	182664	4.209	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.200%	
36) 1,2-Dichloropropane-d6	6.684	67	57844	4.375	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.400%	
41) Toluene-d8	7.893	98	170362	4.161	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.200%	
43) trans-1,3-Dichloroprop...	8.176	79	22544	4.443	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.800%	
46) 2-Hexanone-d5	8.629	63	96137	46.645	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.280%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	49472	4.495	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.800%	
66) 1,2-Dichlorobenzene-d4	12.189	152	63419	4.760	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.200%	
Target Compounds						Qvalue
3) Chloromethane	1.517	50	1831	0.159	ug/L	87
5) Vinyl chloride	1.601	62	3172	0.244	ug/L #	33
8) Chloroethane	1.929	64	1332	0.176	ug/L	93
9) Trichlorofluoromethane	2.134	101	21373	1.090	ug/L	95
12) 1,1-Dichloroethene	2.572	96	9054638	1002.150	ug/L #	65
19) 1,1-Dichloroethane	3.861	63	1259355	72.843	ug/L	97
21) 2-Butanone	4.710	43	7175	3.096	ug/L	96
25) Chloroform	5.083	83	15118	0.850	ug/L	95
27) 1,2-Dichloroethane	5.793	62	14212	1.276	ug/L #	95
29) 1,1,1-Trichloroethane	5.305	97	29201297m	1931.708	ug/L	
34) Trichloroethene	6.536	95	114880	10.515	ug/L	94
45) 1,1,2-Trichloroethane	8.398	97	1502	0.195	ug/L	88
47) Tetrachloroethene	8.549	164	4912	0.612	ug/L	90

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

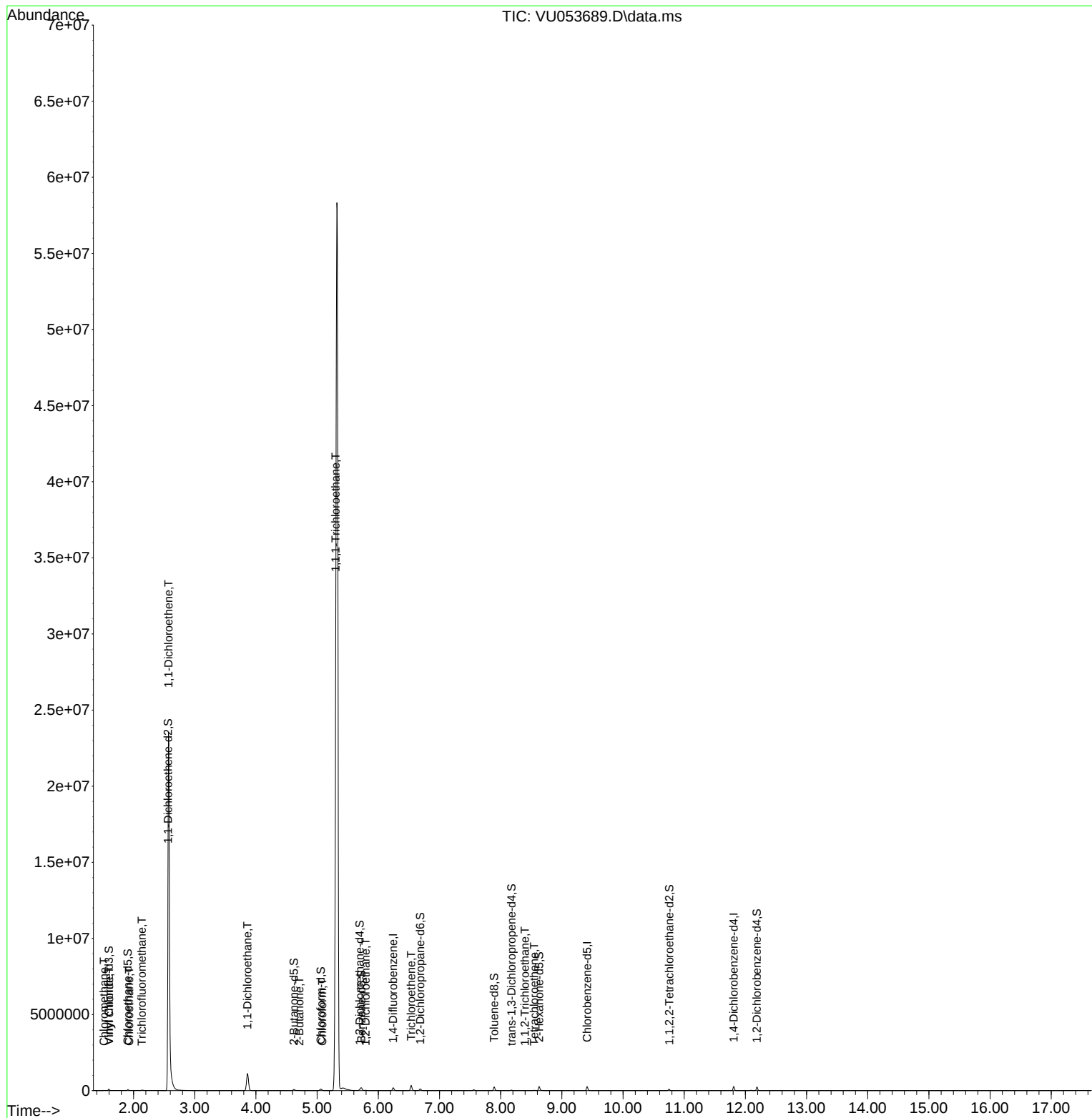
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041423\
Data File : VU053689.D
Acq On : 13 Apr 2023 18:06
Operator : JC/MD
Sample : 02299-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

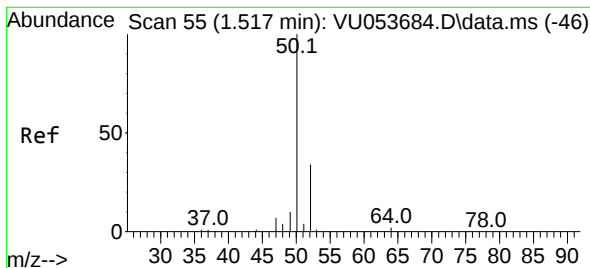
Instrument :
MSVOA_U
ClientSampleId :
C0AE7

Manual Integrations
APPROVED

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

Quant Time: Apr 14 02:25:30 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





#3

Chloromethane

Concen: 0.159 ug/L

RT: 1.517 min Scan# 50

Delta R.T. 0.000 min

Lab File: VU053689.D

Acq: 13 Apr 2023 18:06

Instrument :

MSVOA_U

ClientSampleId :

C0AE7

Tgt Ion: 50 Resp: 183

Ion Ratio Lower Upper

50 100

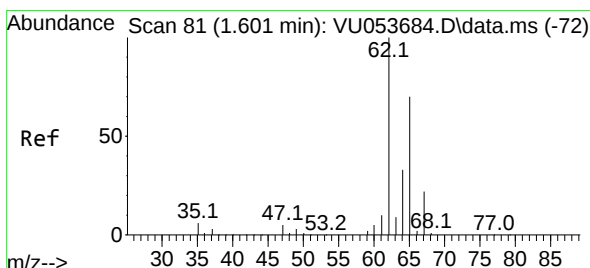
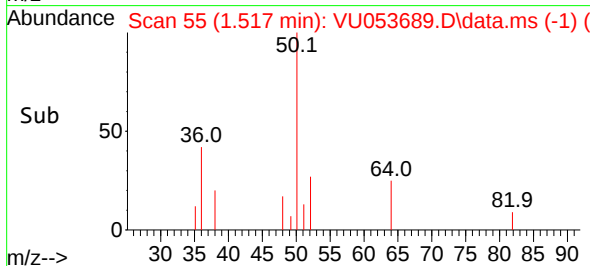
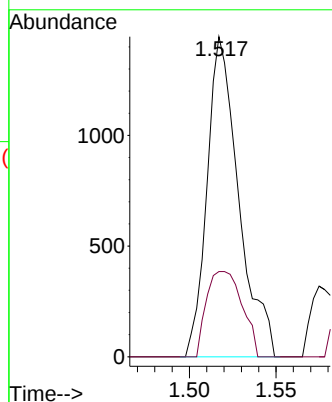
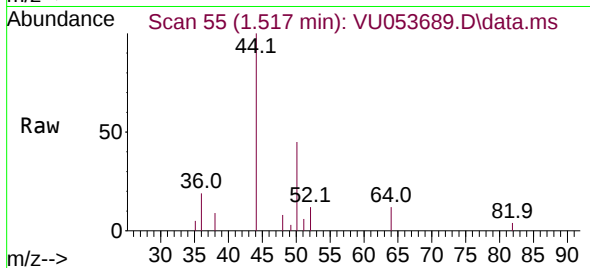
52 26.6 23.9 44.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/14/2023

Supervised By :Mahesh Dadoda 04/18/2023



#5

Vinyl chloride

Concen: 0.244 ug/L

RT: 1.601 min Scan# 81

Delta R.T. 0.000 min

Lab File: VU053689.D

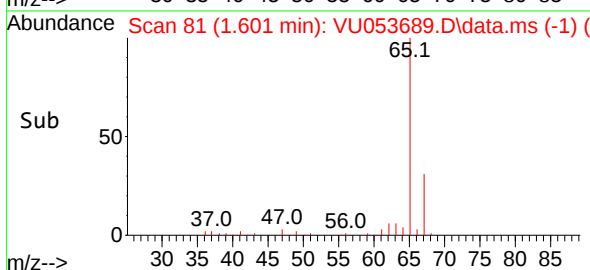
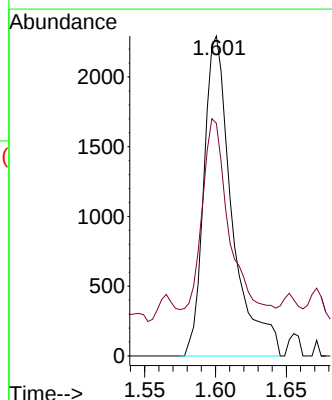
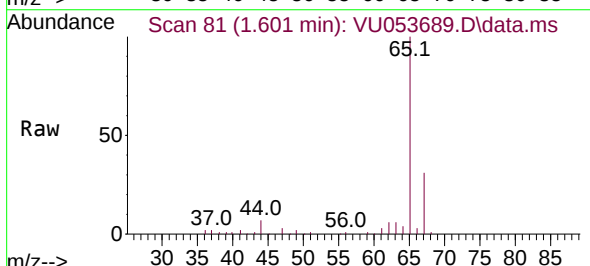
Acq: 13 Apr 2023 18:06

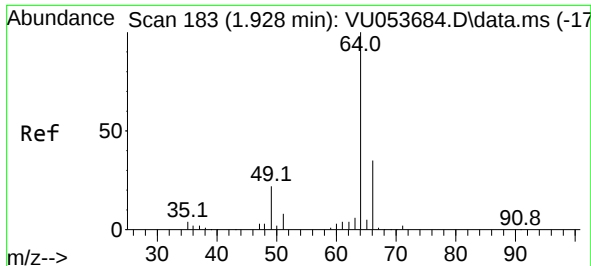
Tgt Ion: 62 Resp: 3172

Ion Ratio Lower Upper

62 100

64 72.7 24.1 44.7#





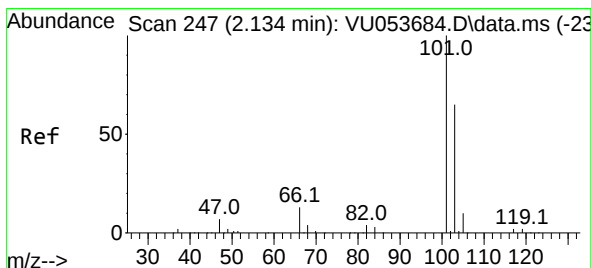
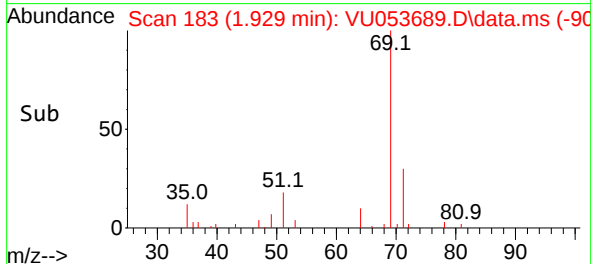
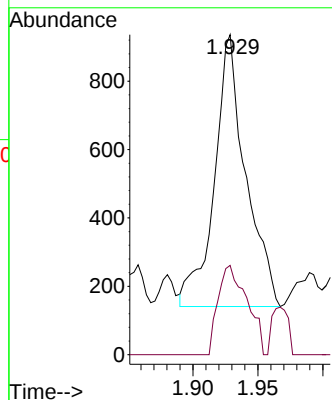
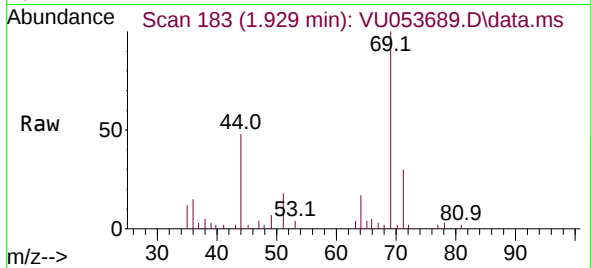
#8
Chloroethane
Concen: 0.176 ug/L
RT: 1.929 min Scan# 183
Delta R.T. 0.000 min
Lab File: VU053689.D
Acq: 13 Apr 2023 18:06

Instrument :
MSVOA_U
ClientSampleId :
C0AE7

Tgt Ion: 64 Resp: 133
Ion Ratio Lower Upper
64 100
66 27.9 22.3 41.5

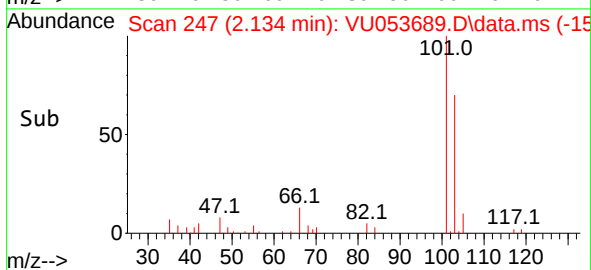
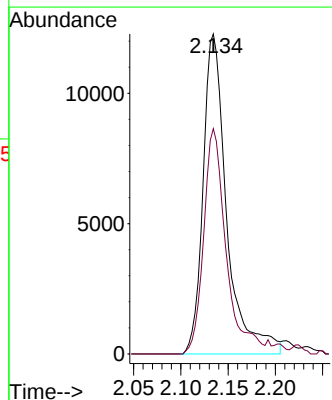
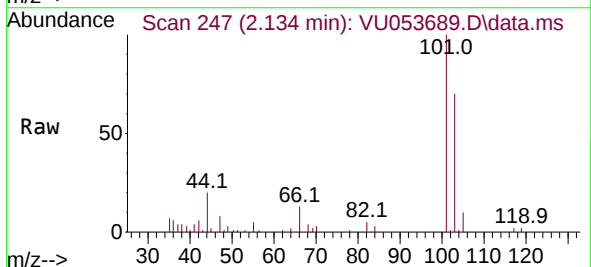
Manual Integrations
APPROVED

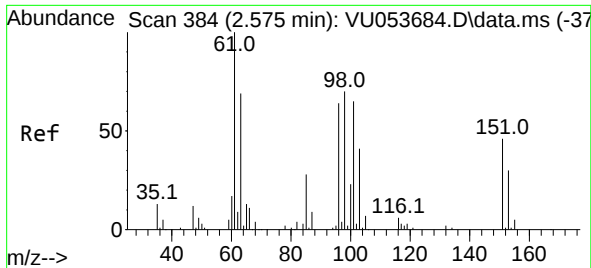
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/18/2023



#9
Trichlorofluoromethane
Concen: 1.090 ug/L
RT: 2.134 min Scan# 247
Delta R.T. 0.000 min
Lab File: VU053689.D
Acq: 13 Apr 2023 18:06

Tgt Ion:101 Resp: 21373
Ion Ratio Lower Upper
101 100
103 66.9 50.2 75.2





#12

1,1-Dichloroethene

Concen: 1002.150 ug/L

RT: 2.572 min Scan# 384

Delta R.T. -0.003 min

Lab File: VU053689.D

Acq: 13 Apr 2023 18:06

Instrument :

MSVOA_U

ClientSampleId :

C0AE7

Tgt Ion: 96 Resp: 9054638

Ion Ratio Lower Upper

96 100

61 150.5 116.8 216.8

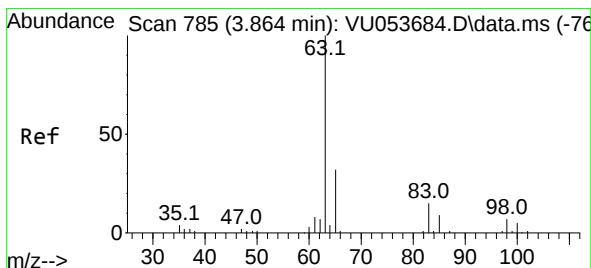
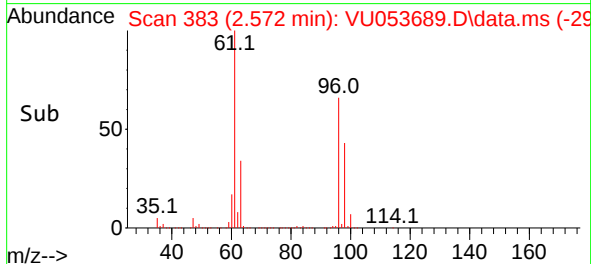
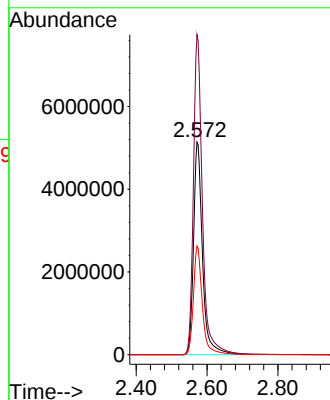
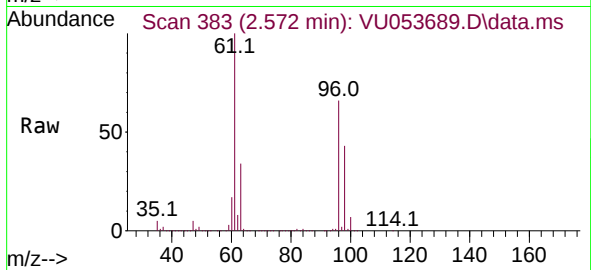
63 51.1 88.6 164.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/14/2023

Supervised By :Mahesh Dadoda 04/18/2023



#19

1,1-Dichloroethane

Concen: 72.843 ug/L

RT: 3.861 min Scan# 784

Delta R.T. -0.003 min

Lab File: VU053689.D

Acq: 13 Apr 2023 18:06

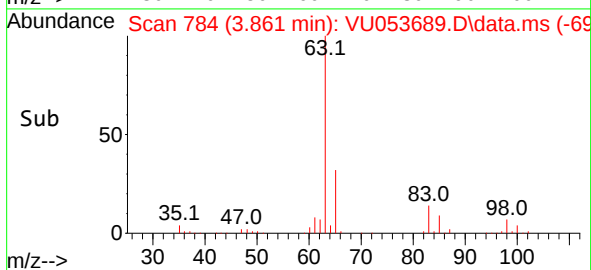
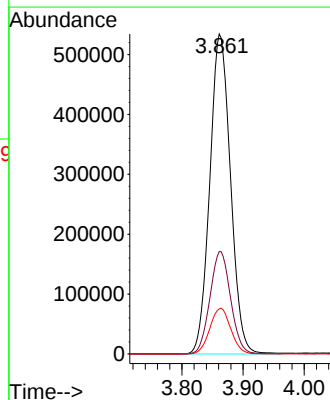
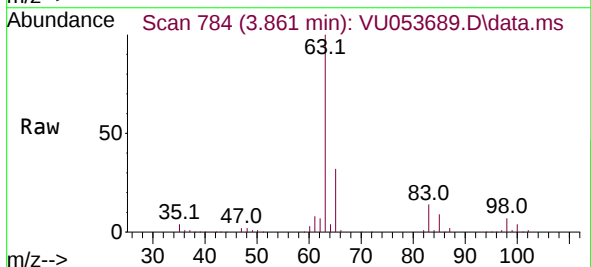
Tgt Ion: 63 Resp: 1259355

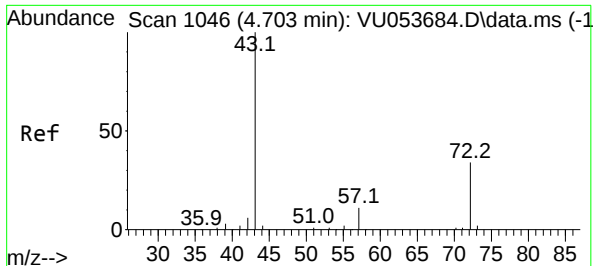
Ion Ratio Lower Upper

63 100

65 32.0 21.7 40.3

83 14.1 8.1 15.1





#21

2-Butanone

Concen: 3.096 ug/L

RT: 4.710 min Scan# 1048

Delta R.T. 0.007 min

Lab File: VU053689.D

Acq: 13 Apr 2023 18:06

Instrument :

MSVOA_U

ClientSampleId :

C0AE7

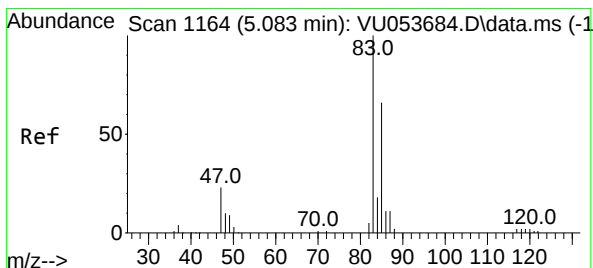
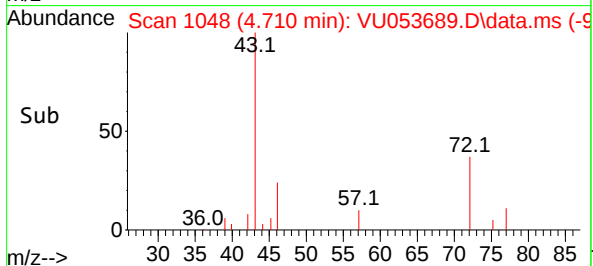
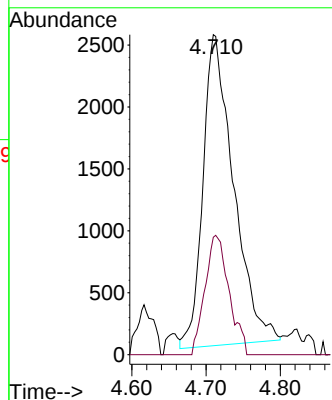
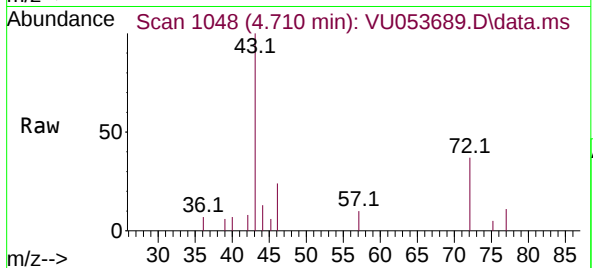
Tgt Ion: 43 Resp: 717
 Ion Ratio Lower Upper
 43 100
 72 30.1 16.2 48.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/14/2023

Supervised By :Mahesh Dadoda 04/18/2023



#25

Chloroform

Concen: 0.850 ug/L

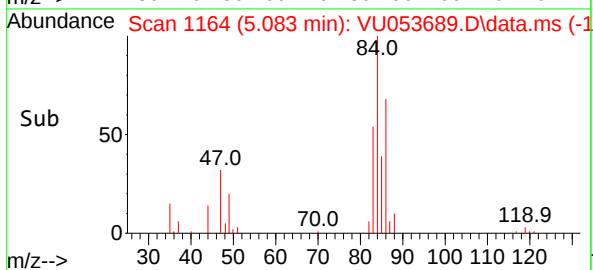
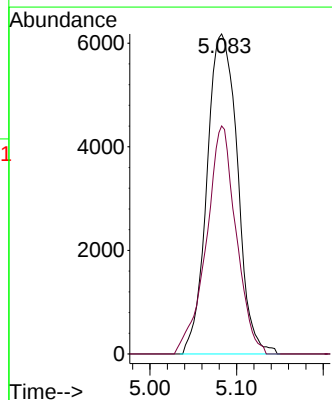
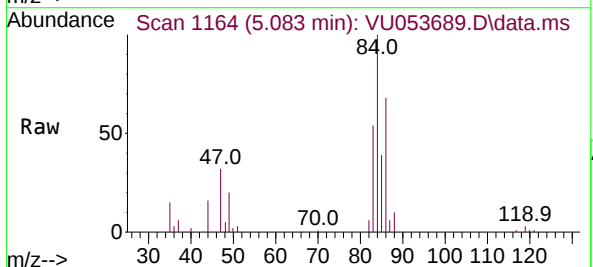
RT: 5.083 min Scan# 1164

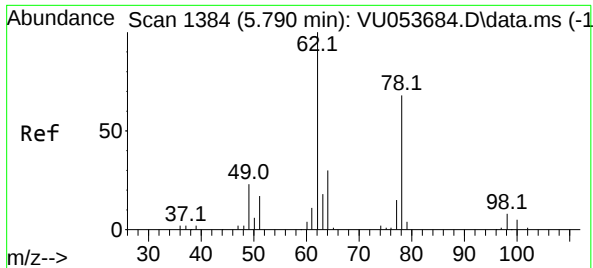
Delta R.T. 0.000 min

Lab File: VU053689.D

Acq: 13 Apr 2023 18:06

Tgt Ion: 83 Resp: 15118
 Ion Ratio Lower Upper
 83 100
 85 71.2 47.3 87.9





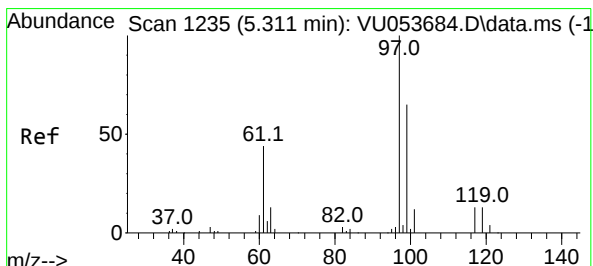
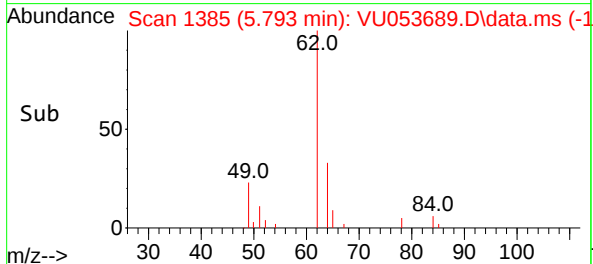
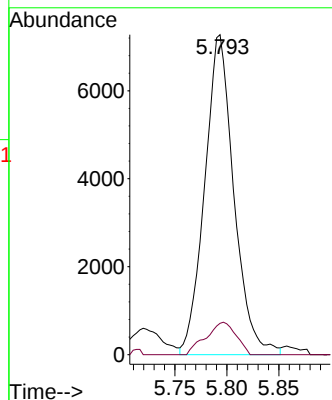
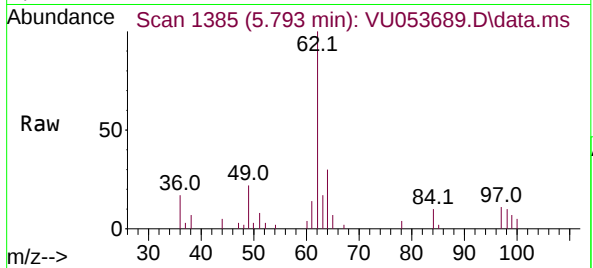
#27
1,2-Dichloroethane
Concen: 1.276 ug/L
RT: 5.793 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU053689.D
Acq: 13 Apr 2023 18:06

Instrument :
MSVOA_U
ClientSampleId :
C0AE7

Tgt Ion: 62 Resp: 1421
Ion Ratio Lower Upper
62 100
98 9.8 6.4 9.6

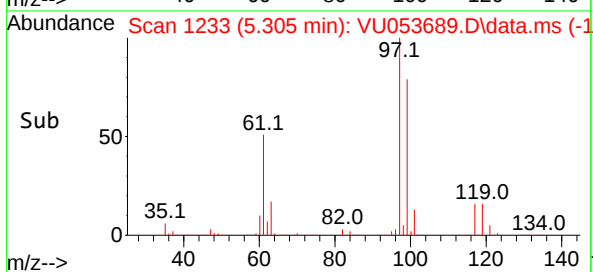
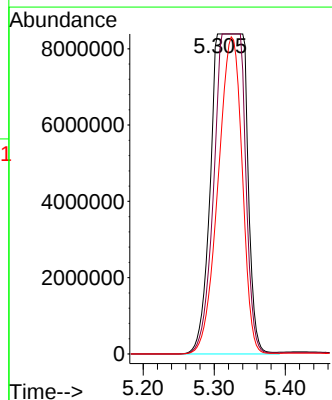
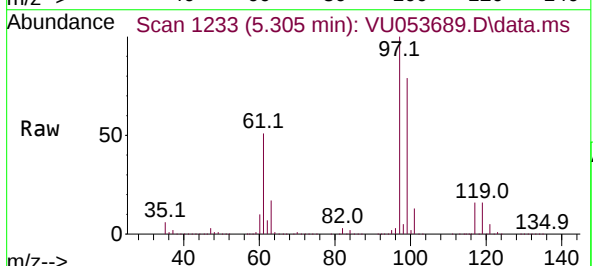
Manual Integrations
APPROVED

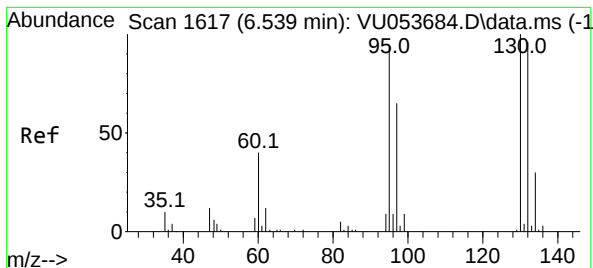
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/18/2023



#29
1,1,1-Trichloroethane
Concen: 1931.708 ug/L m
RT: 5.305 min Scan# 1233
Delta R.T. -0.006 min
Lab File: VU053689.D
Acq: 13 Apr 2023 18:06

Tgt Ion: 97 Resp:29201297
Ion Ratio Lower Upper
97 100
99 0.0 49.9 74.9#
61 0.0 35.7 53.5#





#34

Trichloroethene

Concen: 10.515 ug/L

RT: 6.536 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU053689.D

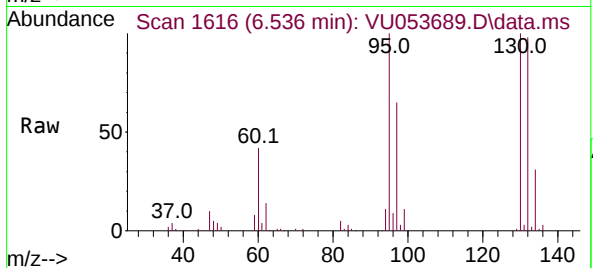
Acq: 13 Apr 2023 18:06

Instrument :

MSVOA_U

ClientSampleId :

C0AE7



Tgt Ion: 95 Resp: 11488

Ion Ratio Lower Upper

95 100

97 65.1 45.3 84.1

132 97.6 62.8 116.6

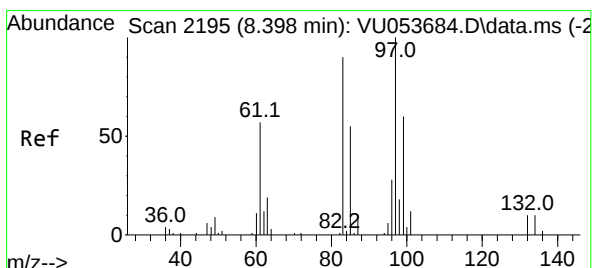
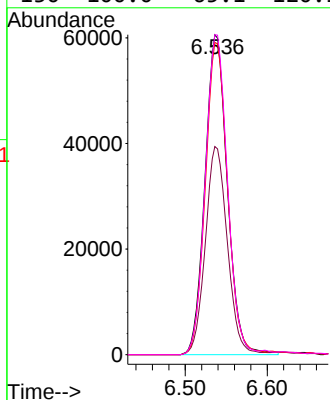
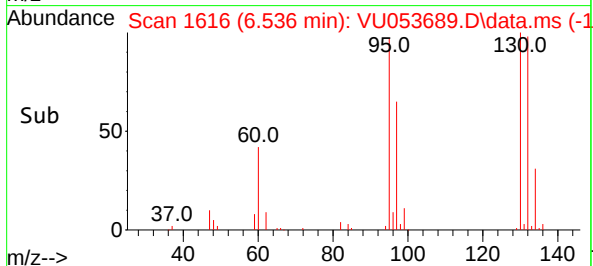
130 100.0 65.1 120.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/14/2023

Supervised By :Mahesh Dadoda 04/18/2023



#45

1,1,2-Trichloroethane

Concen: 0.195 ug/L

RT: 8.398 min Scan# 2195

Delta R.T. 0.000 min

Lab File: VU053689.D

Acq: 13 Apr 2023 18:06

Tgt Ion: 97 Resp: 1502

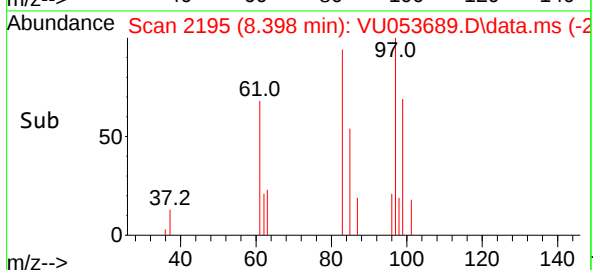
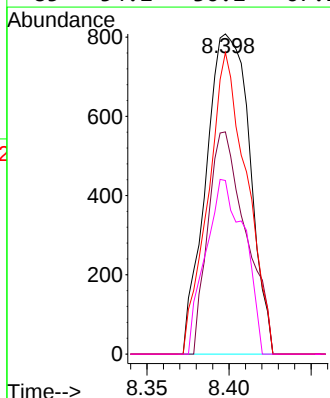
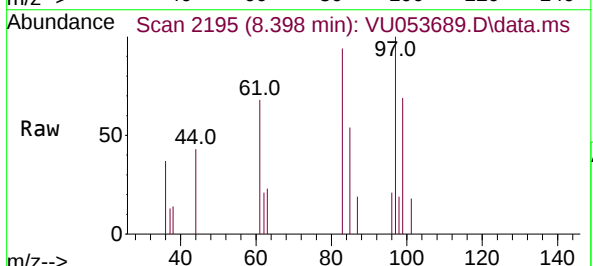
Ion Ratio Lower Upper

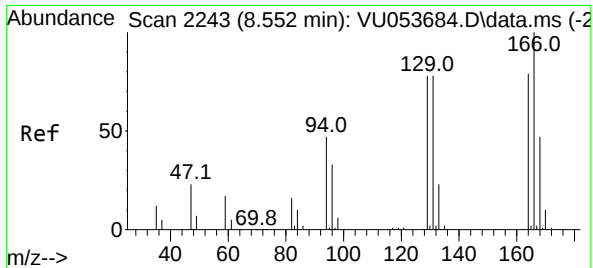
97 100

99 69.4 38.9 72.2

83 94.2 57.6 107.0

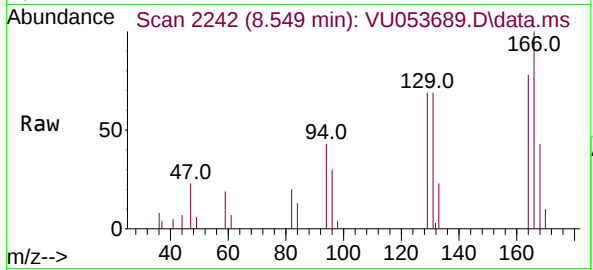
85 54.2 36.2 67.2





#47
Tetrachloroethene
Concen: 0.612 ug/L
RT: 8.549 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU053689.D
Acq: 13 Apr 2023 18:06

Instrument :
MSVOA_U
ClientSampleId :
C0AE7



Tgt Ion:164 Resp: 4912

Ion	Ratio	Lower	Upper
164	100		
129	88.5	74.8	138.8
131	89.1	70.1	130.1
166	128.7	87.3	162.1

Manual Integrations
APPROVED

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

