

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051823\
 Data File : VU054191.D
 Acq On : 19 May 2023 02:31
 Operator : JC/MD
 Sample : 02844-21
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBX15

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/19/2023
 Supervised By :Mahesh Dadoda 05/19/2023

Quant Time: May 19 06:19:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 19 04:28:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	181718	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.410	117	173254	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	86928	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	43159	4.405	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.200%
7) Chloroethane-d5	1.912	69	34269	4.676	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.600%
11) 1,1-Dichloroethene-d2	2.565	65	20193	4.564	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.200%
20) 2-Butanone-d5	4.629	46	90825	51.985	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.980%
24) Chloroform-d	5.057	84	78084	4.239	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	5.697	65	39875	4.706	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	5.722	84	161328	4.572	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.690	67	49554	4.859	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.893	98	148079	4.445	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	8.176	79	18305	4.444	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.629	63	64142	52.301	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.600%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	34988	4.787	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	12.188	152	52947	4.991	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	25821	1.909	ug/L	90
12) 1,1-Dichloroethene	2.578	96	289762	26.052	ug/L #	83
17) Methyl tert-butyl Ether	3.359	73	7558	0.270	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	47333	4.184	ug/L	97
19) 1,1-Dichloroethane	3.867	63	3427	0.151	ug/L	96
22) cis-1,2-Dichloroethene	4.658	96	4399617	332.606	ug/L	97
27) 1,2-Dichloroethane	5.790	62	2314	0.164	ug/L #	90
30) Cyclohexane	5.385	56	4326	0.245	ug/L #	91
33) Benzene	5.767	78	17692	0.361	ug/L	100
34) Trichloroethene	6.539	95	27095691m	2054.539	ug/L	
45) 1,1,2-Trichloroethane	8.394	97	7258	0.782	ug/L	98
47) Tetrachloroethene	8.549	164	42410	3.913	ug/L	99

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

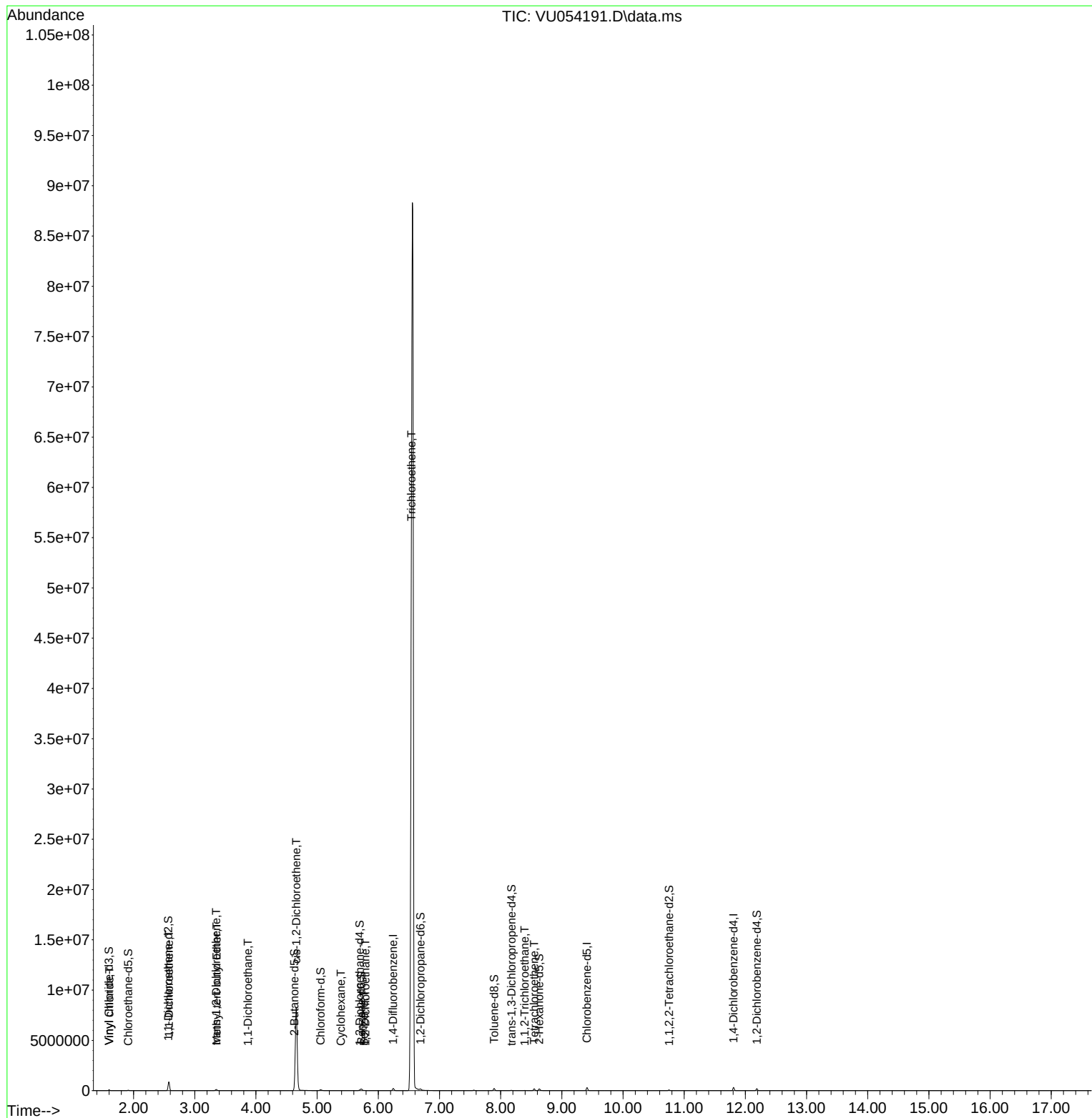
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051823\
Data File : VU054191.D
Acq On : 19 May 2023 02:31
Operator : JC/MD
Sample : 02844-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

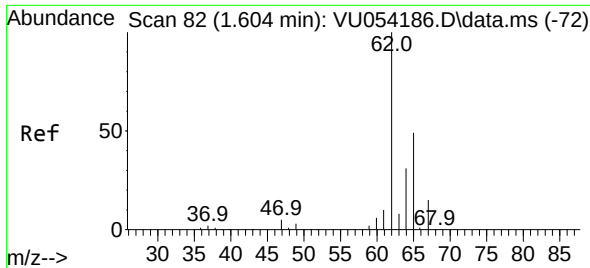
Instrument :
MSVOA_U
ClientSampleId :
GBX15

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

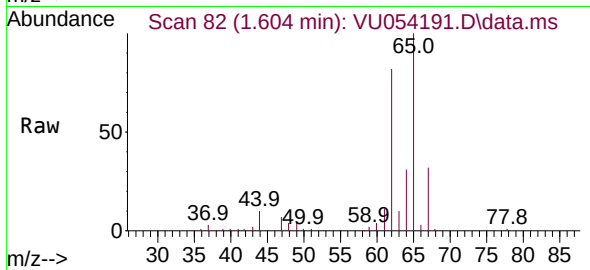
Quant Time: May 19 06:19:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051823WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri May 19 04:28:00 2023
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 1.909 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU054191.D
 Acq: 19 May 2023 02:31

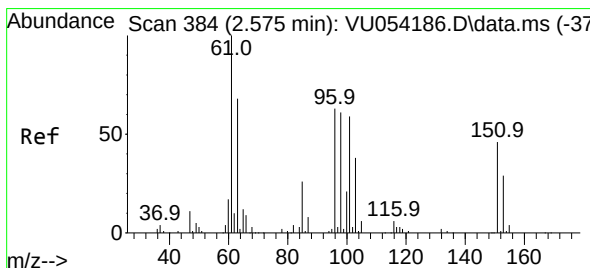
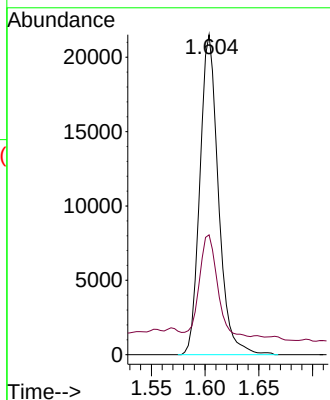
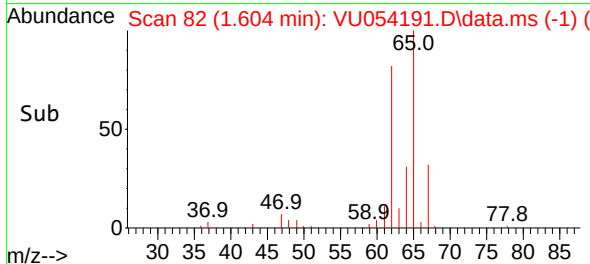
Instrument :
 MSVOA_U
 ClientSampleId :
 GBX15



Tgt Ion: 62 Resp: 2582
 Ion Ratio Lower Upper
 62 100
 64 37.5 22.4 41.6

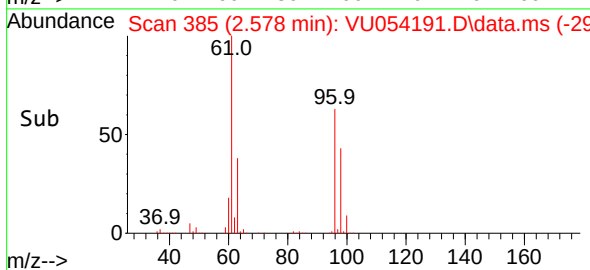
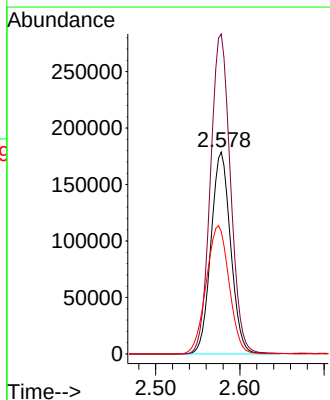
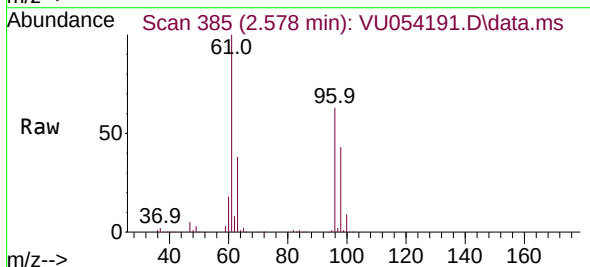
Manual Integrations
 APPROVED

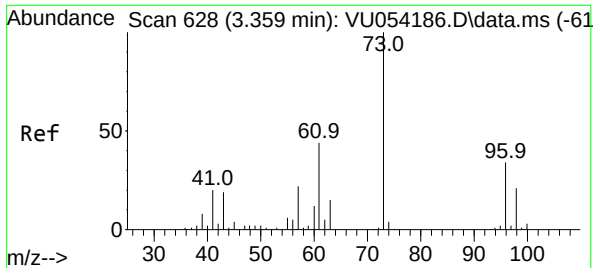
Reviewed By :Krupa Patel 05/19/2023
 Supervised By :Mahesh Dadoda 05/19/2023



#12
 1,1-Dichloroethene
 Concen: 26.052 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.003 min
 Lab File: VU054191.D
 Acq: 19 May 2023 02:31

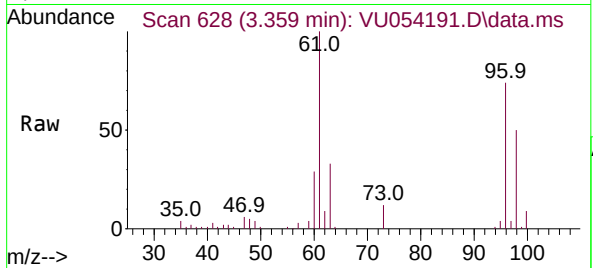
Tgt Ion: 96 Resp: 289762
 Ion Ratio Lower Upper
 96 100
 61 158.4 114.7 212.9
 63 60.6 68.6 127.4#





#17
Methyl tert-butyl Ether
Concen: 0.270 ug/L
RT: 3.359 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU054191.D
Acq: 19 May 2023 02:31

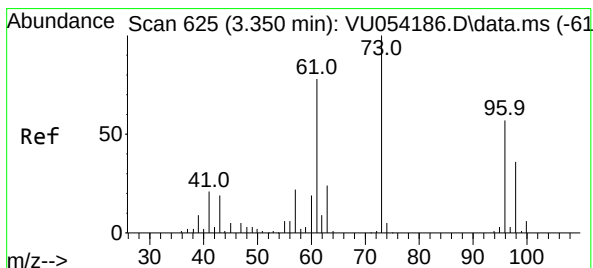
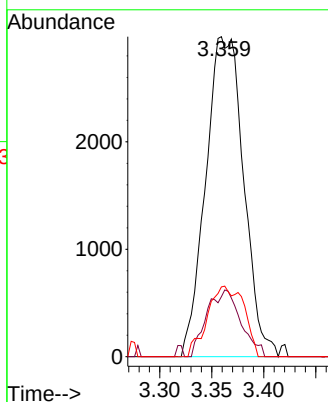
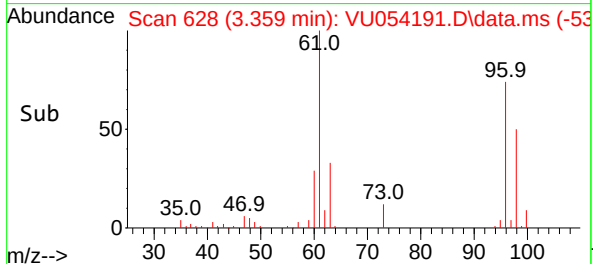
Instrument :
MSVOA_U
ClientSampleId :
GBX15



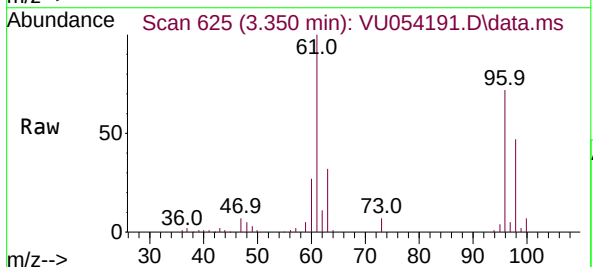
Tgt Ion: 73 Resp: 7558
Ion Ratio Lower Upper
73 100
43 18.7 14.6 22.0
57 21.2 17.1 25.7

Manual Integrations
APPROVED

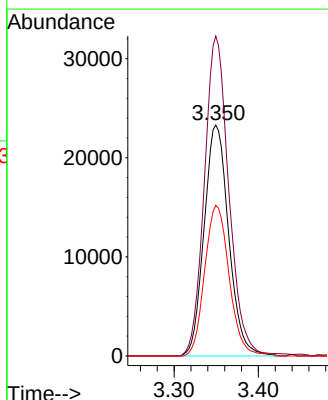
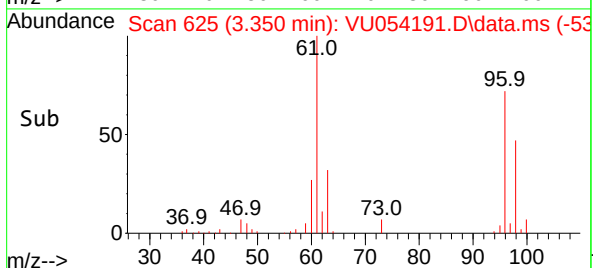
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

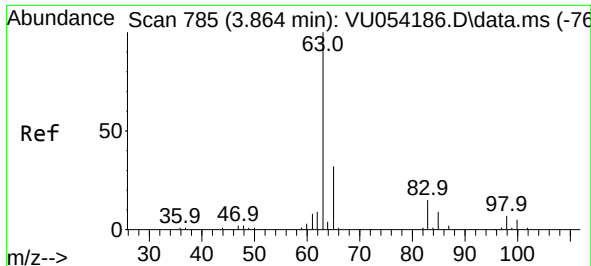


#18
trans-1,2-Dichloroethene
Concen: 4.184 ug/L
RT: 3.350 min Scan# 625
Delta R.T. -0.000 min
Lab File: VU054191.D
Acq: 19 May 2023 02:31



Tgt Ion: 96 Resp: 47333
Ion Ratio Lower Upper
96 100
61 138.6 94.1 174.8
98 65.2 45.3 84.1





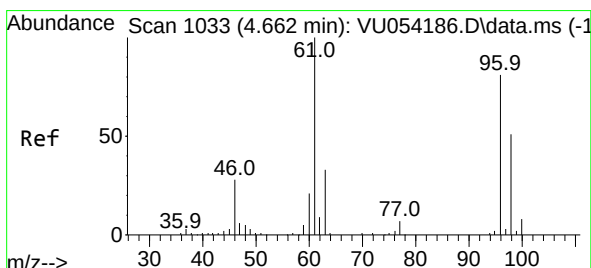
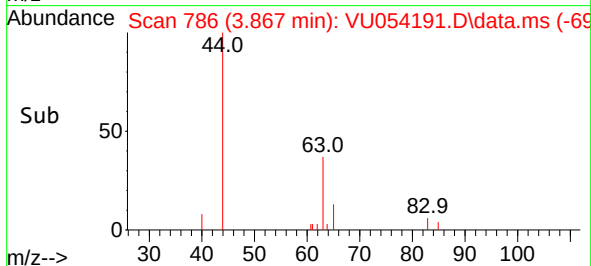
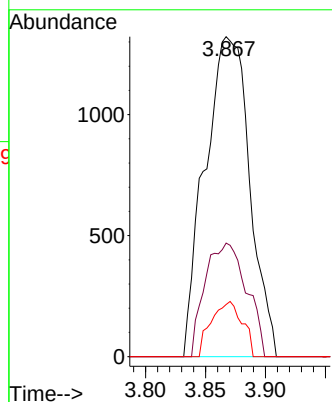
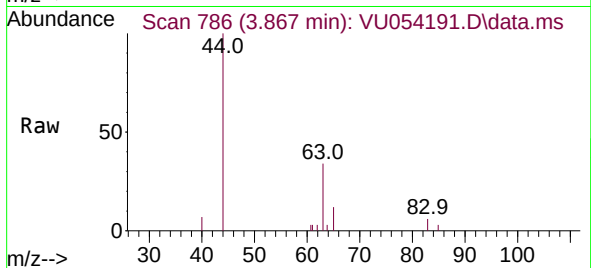
#19
1,1-Dichloroethane
Concen: 0.151 ug/L
RT: 3.867 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU054191.D
Acq: 19 May 2023 02:31

Instrument :
MSVOA_U
ClientSampleId :
GBX15

Tgt Ion: 63 Resp: 342
Ion Ratio Lower Upper
63 100
65 32.5 20.7 38.5
83 14.9 10.1 18.7

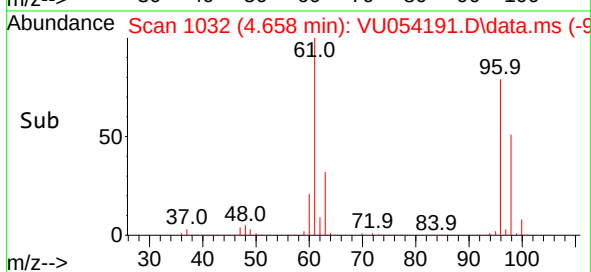
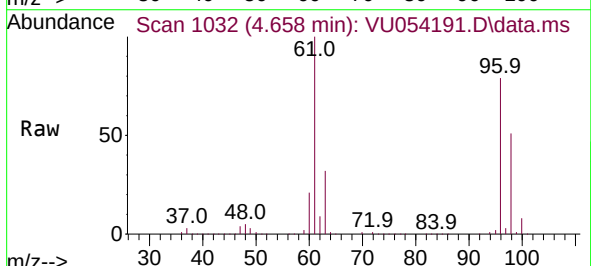
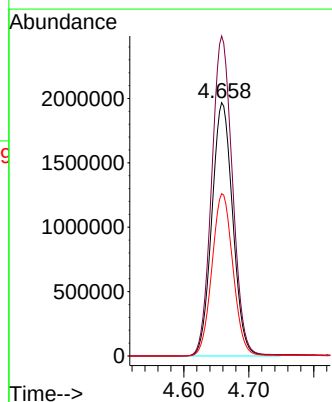
Manual Integrations
APPROVED

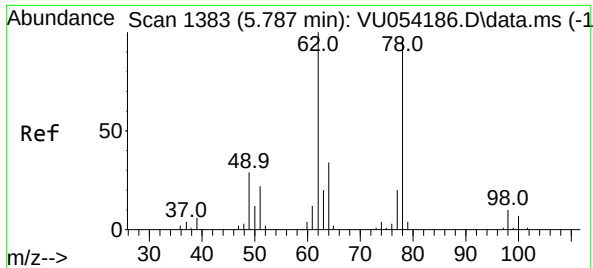
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#22
cis-1,2-Dichloroethene
Concen: 332.606 ug/L
RT: 4.658 min Scan# 1032
Delta R.T. -0.003 min
Lab File: VU054191.D
Acq: 19 May 2023 02:31

Tgt Ion: 96 Resp: 4399617
Ion Ratio Lower Upper
96 100
61 126.4 85.0 157.8
98 64.1 45.8 85.0





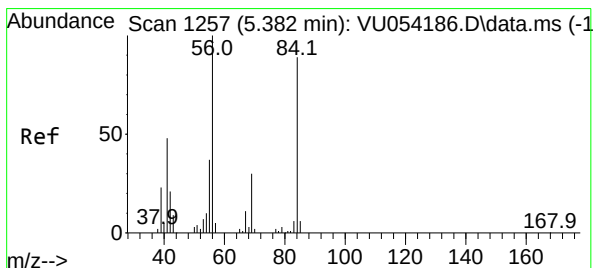
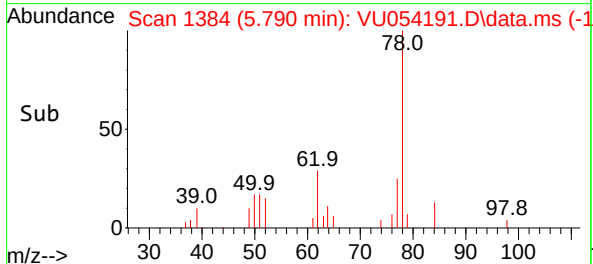
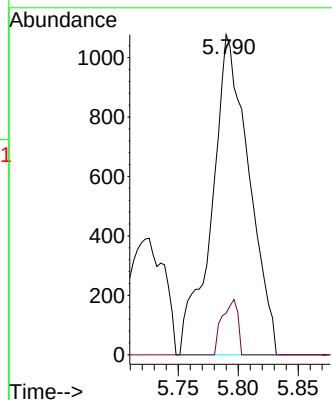
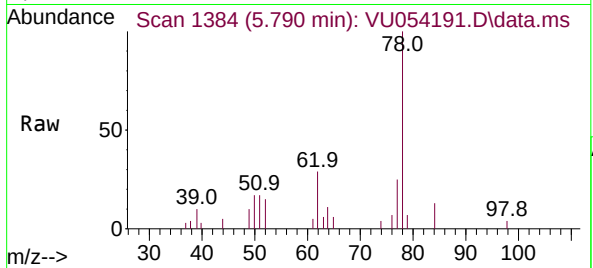
#27
1,2-Dichloroethane
Concen: 0.164 ug/L
RT: 5.790 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054191.D
Acq: 19 May 2023 02:31

Instrument :
MSVOA_U
ClientSampleId :
GBX15

Tgt Ion: 62 Resp: 2314
Ion Ratio Lower Upper
62 100
98 13.0 7.6 11.4

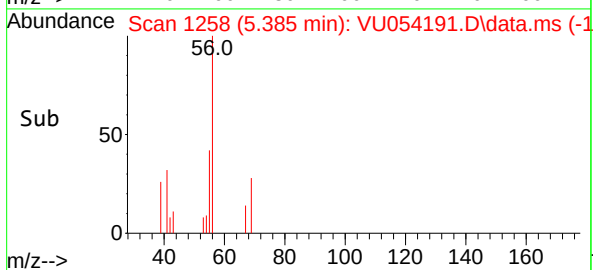
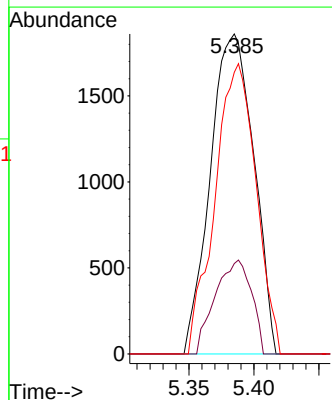
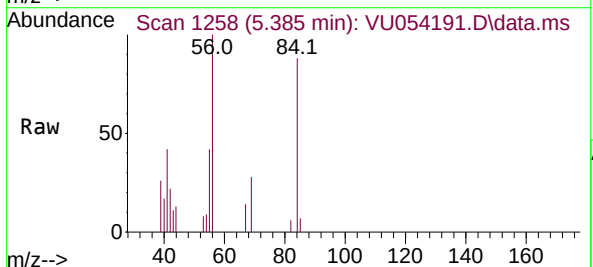
Manual Integrations
APPROVED

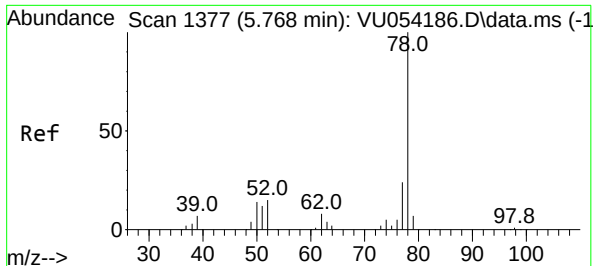
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#30
Cyclohexane
Concen: 0.245 ug/L
RT: 5.385 min Scan# 1258
Delta R.T. 0.003 min
Lab File: VU054191.D
Acq: 19 May 2023 02:31

Tgt Ion: 56 Resp: 4326
Ion Ratio Lower Upper
56 100
69 24.5 26.2 39.4
84 85.7 74.2 111.4





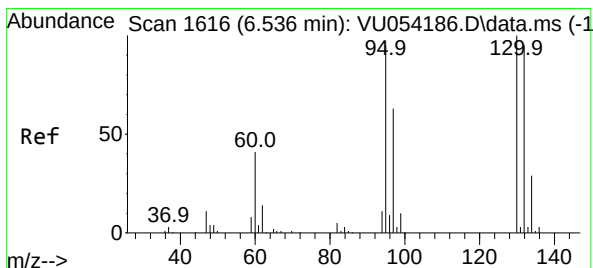
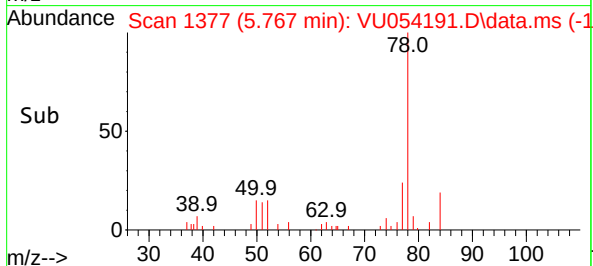
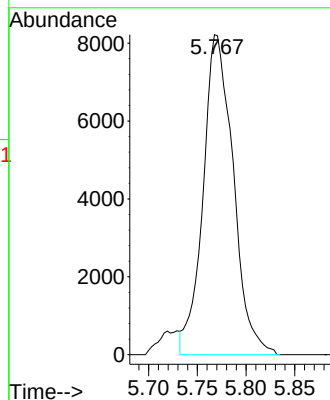
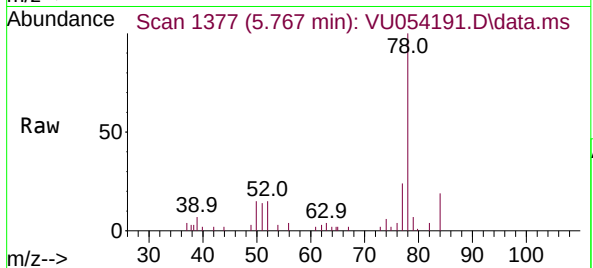
#33
Benzene
Concen: 0.361 ug/L
RT: 5.767 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU054191.D
Acq: 19 May 2023 02:31

Instrument :
MSVOA_U
ClientSampleId :
GBX15

Tgt Ion: 78 Resp: 1769

Manual Integrations
APPROVED

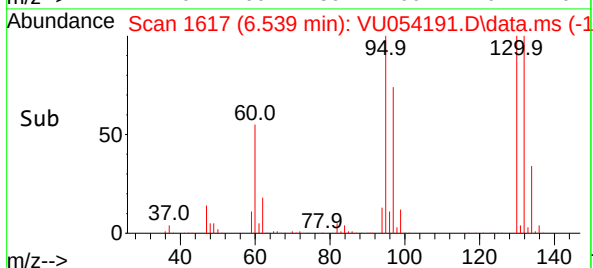
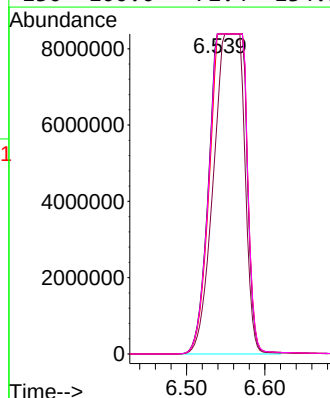
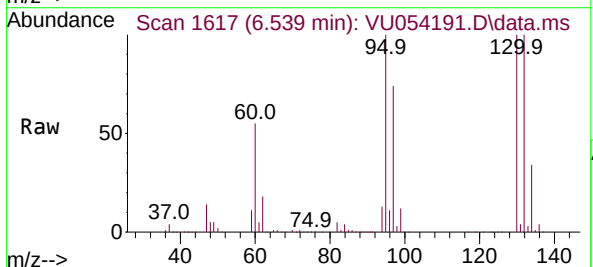
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

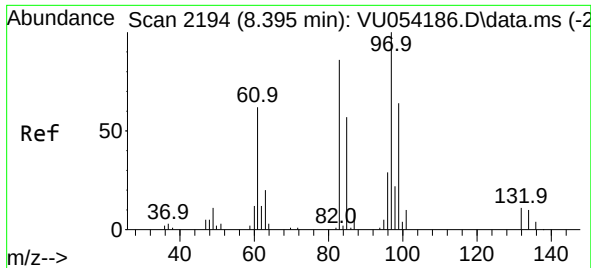


#34
Trichloroethene
Concen: 2054.539 ug/L m
RT: 6.539 min Scan# 1617
Delta R.T. 0.003 min
Lab File: VU054191.D
Acq: 19 May 2023 02:31

Tgt Ion: 95 Resp:27095691

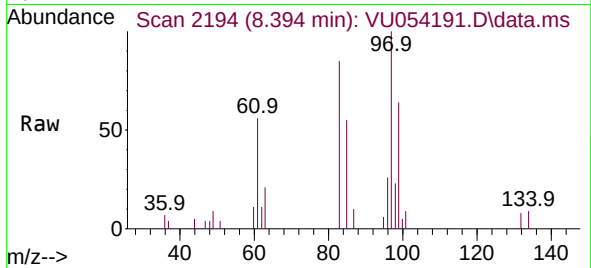
Ion	Ratio	Lower	Upper
95	100		
97	74.0	45.8	85.0
132	100.0	70.1	130.3
130	100.0	72.4	134.5





#45
1,1,2-Trichloroethane
Concen: 0.782 ug/L
RT: 8.394 min Scan# 2194
Delta R.T. -0.000 min
Lab File: VU054191.D
Acq: 19 May 2023 02:31

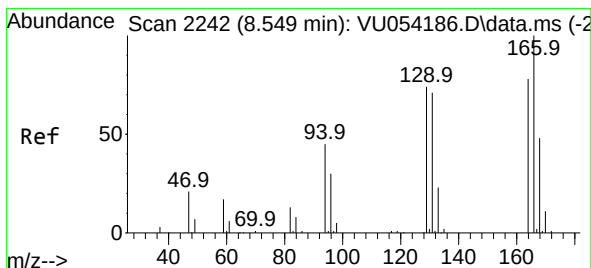
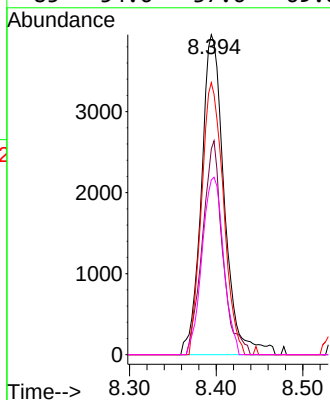
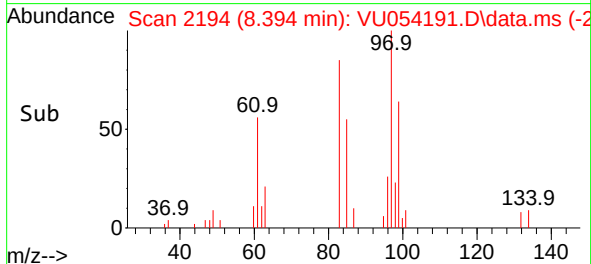
Instrument :
MSVOA_U
ClientSampleId :
GBX15



Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	43.0	79.8
83	85.0	59.1	109.9
85	54.6	37.6	69.8

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#47
Tetrachloroethene
Concen: 3.913 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU054191.D
Acq: 19 May 2023 02:31

Tgt Ion	Ratio	Lower	Upper
164	100		
129	90.9	63.3	117.7
131	87.2	61.0	113.4
166	124.3	88.6	164.6

