

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042823\
 Data File : VW030932.D
 Acq On : 28 Apr 2023 19:46
 Operator : SY/MD
 Sample : 02488-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHE73

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/01/2023
 Supervised By :Mahesh Dadoda 05/01/2023

Quant Time: Apr 29 01:13:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 29 01:06:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	102558	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	103837	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	56461	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	38914	4.605	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.200%
7) Chloroethane-d5	1.535	69	34567	5.015	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	2.060	65	19602	4.383	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.600%
20) 2-Butanone-d5	3.876	46	79463m	53.032	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.060%
24) Chloroform-d	4.259	84	82955	4.940	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	4.953	65	47129	5.520	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.400%
32) Benzene-d6	4.969	84	139468	4.582	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	5.998	67	42980	4.856	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.252	98	117430	4.052	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.000%
43) trans-1,3-Dichloroprop...	7.564	79	15714	4.737	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.043	63	63442	54.581	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.160%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	36069	5.623	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.400%
66) 1,2-Dichlorobenzene-d4	11.567	152	50209	4.771	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.400%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	2948	0.393	ug/L #	87
12) 1,1-Dichloroethene	2.072	96	50861	7.369	ug/L	84
13) Acetone	2.252	43	26606m	20.787	ug/L	
14) Carbon disulfide	2.243	76	103011	5.704	ug/L	99
19) 1,1-Dichloroethane	3.121	63	3990	0.328	ug/L #	84
22) cis-1,2-Dichloroethene	3.841	96	2403	0.361	ug/L	75
29) 1,1,1-Trichloroethane	4.519	97	19380	1.485	ug/L	98
34) Trichloroethene	5.838	95	167549	24.065	ug/L	96
42) Toluene	7.323	91	124199	4.417	ug/L	99
47) Tetrachloroethene	7.911	164	50591	7.617	ug/L	95

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

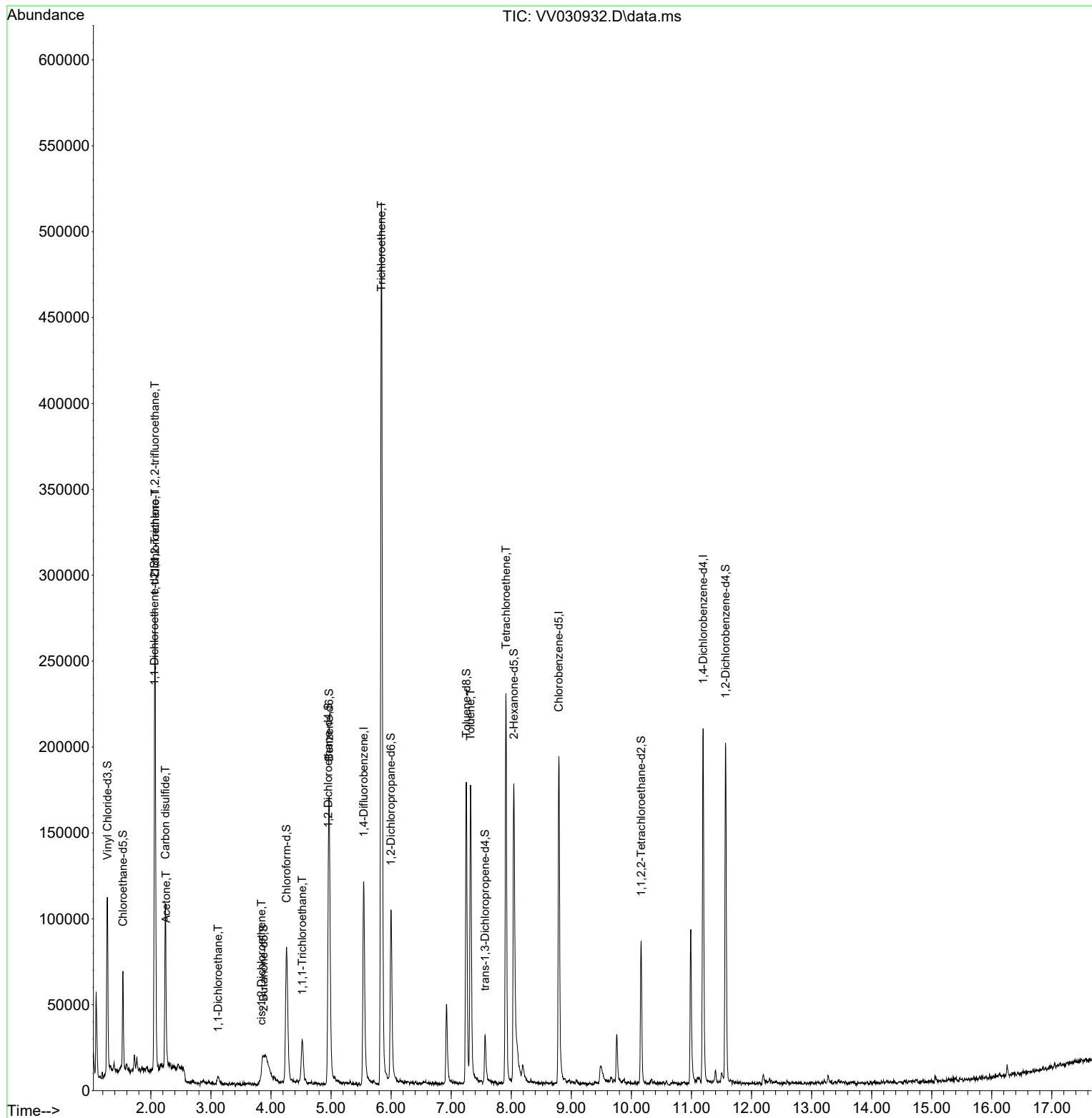
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042823\
Data File : VV030932.D
Acq On : 28 Apr 2023 19:46
Operator : SY/MD
Sample : 02488-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

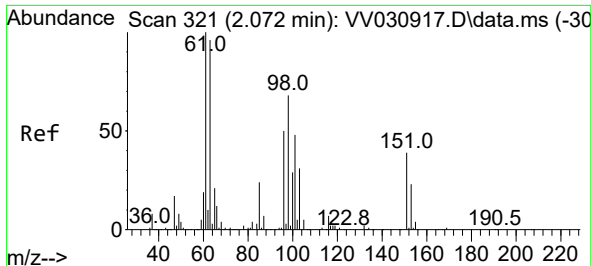
Instrument :
MSVOA_V
ClientSampleId :
BHE73

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

Quant Time: Apr 29 01:13:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Apr 29 01:06:38 2023
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.393 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.007 min

Lab File: VV030932.D

Acq: 28 Apr 2023 19:46

Instrument :

MSVOA_V

ClientSampleId :

BHE73

Tgt Ion: 101 Resp: 2948

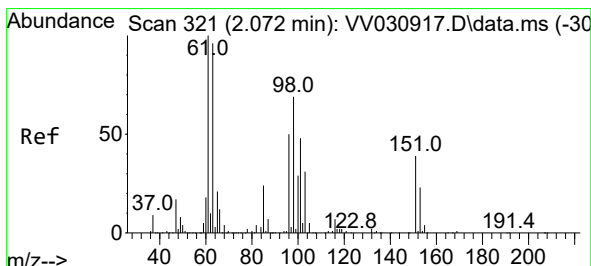
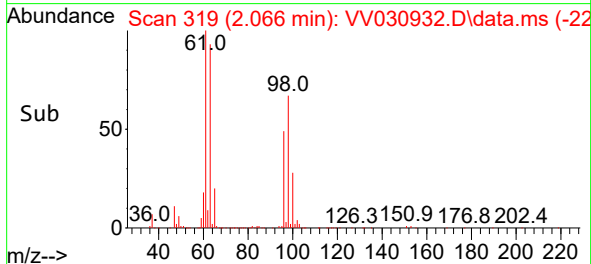
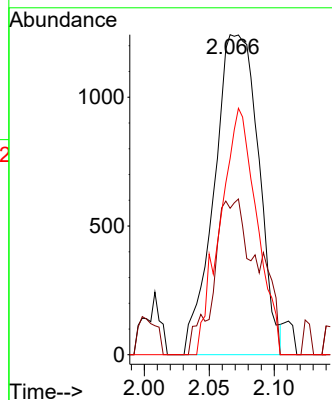
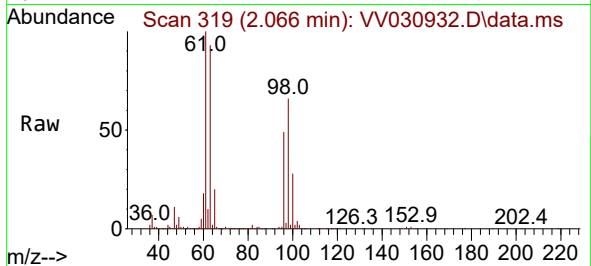
Ion	Ratio	Lower	Upper
101	100		
85	48.6	38.7	58.1
151	63.3	65.1	97.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/01/2023

Supervised By :Mahesh Dadoda 05/01/2023



#12

1,1-Dichloroethene

Concen: 7.369 ug/L

RT: 2.072 min Scan# 321

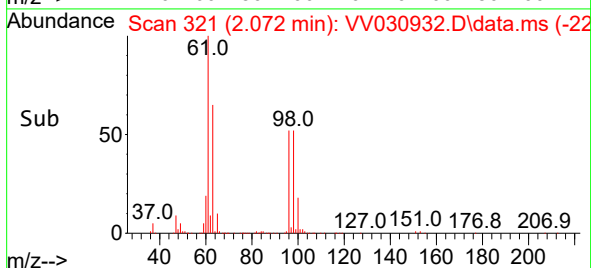
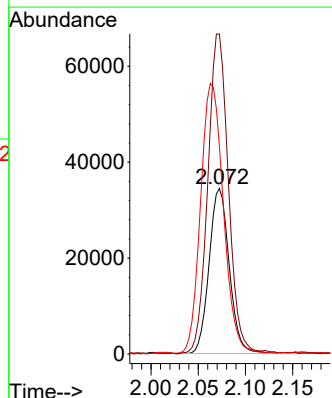
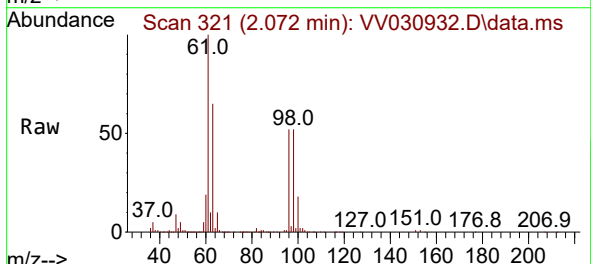
Delta R.T. -0.000 min

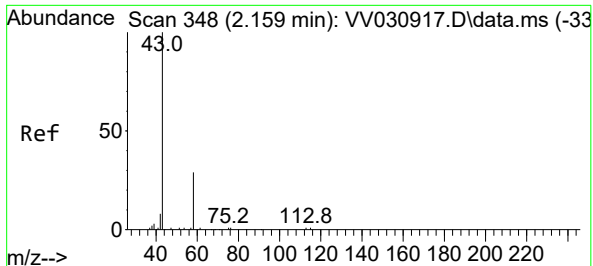
Lab File: VV030932.D

Acq: 28 Apr 2023 19:46

Tgt Ion: 96 Resp: 50861

Ion	Ratio	Lower	Upper
96	100		
61	193.4	135.6	251.8
63	125.8	121.1	224.9





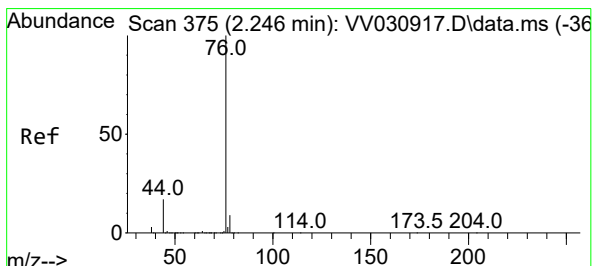
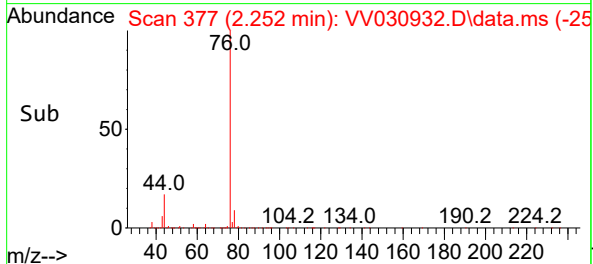
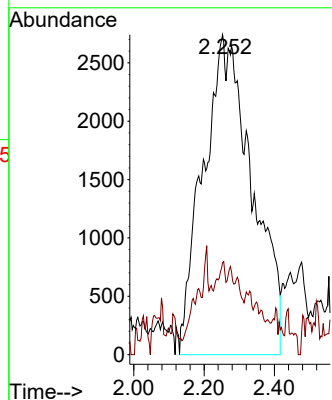
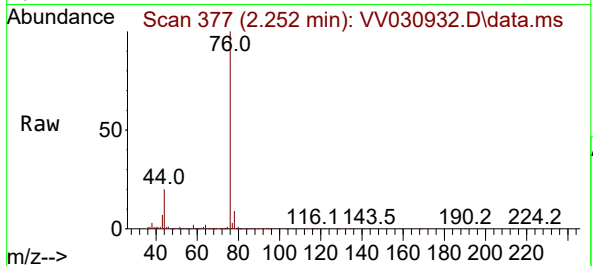
#13
Acetone
Concen: 20.787 ug/L m
RT: 2.252 min Scan# 31
Delta R.T. 0.093 min
Lab File: VV030932.D
Acq: 28 Apr 2023 19:46

Instrument :
MSVOA_V
ClientSampleId :
BHE73

Tgt Ion: 43 Resp: 26600
Ion Ratio Lower Upper
43 100
58 0.4 0.0 37.0

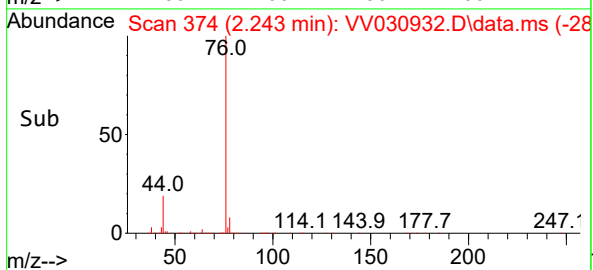
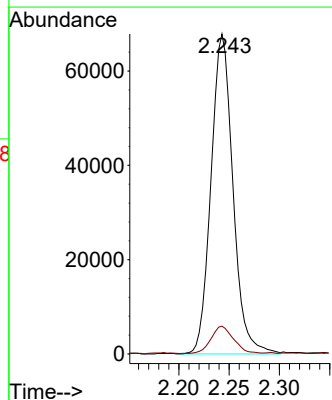
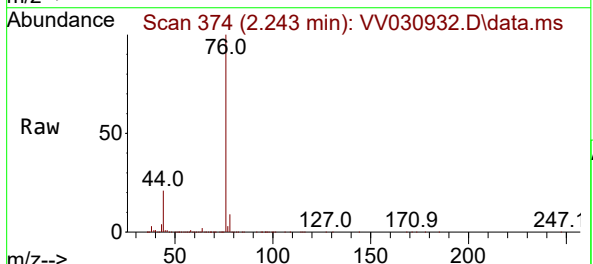
Manual Integrations
APPROVED

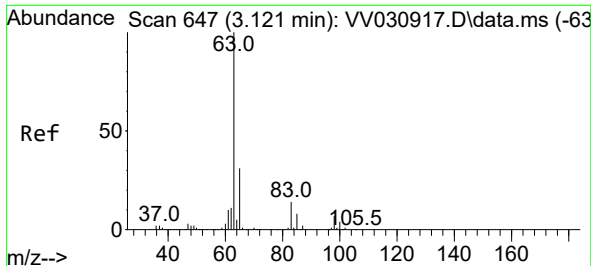
Reviewed By :Krupa Patel 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#14
Carbon disulfide
Concen: 5.704 ug/L
RT: 2.243 min Scan# 374
Delta R.T. -0.003 min
Lab File: VV030932.D
Acq: 28 Apr 2023 19:46

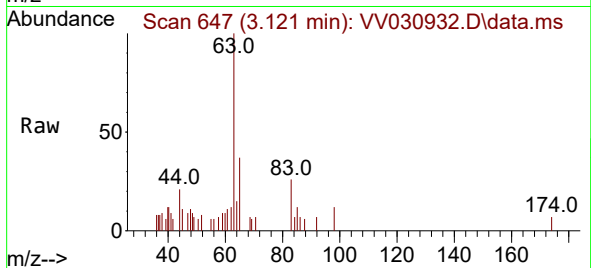
Tgt Ion: 76 Resp: 103011
Ion Ratio Lower Upper
76 100
78 8.7 6.8 10.2





#19
1,1-Dichloroethane
Concen: 0.328 ug/L
RT: 3.121 min Scan# 647
Delta R.T. -0.000 min
Lab File: VV030932.D
Acq: 28 Apr 2023 19:46

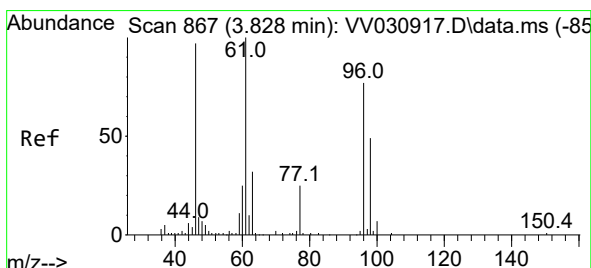
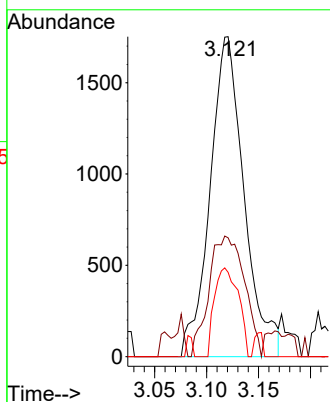
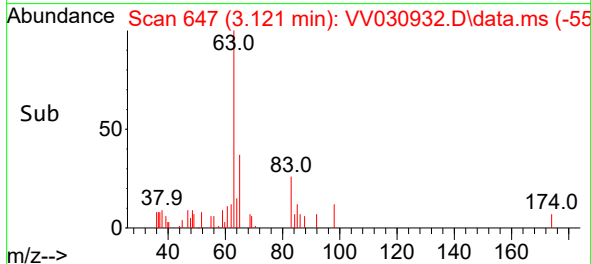
Instrument :
MSVOA_V
ClientSampleId :
BHE73



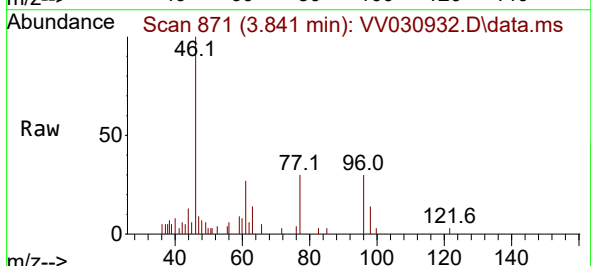
Tgt Ion: 63 Resp: 3990
Ion Ratio Lower Upper
63 100
65 37.2 21.8 40.6
83 26.3 10.2 19.0

Manual Integrations
APPROVED

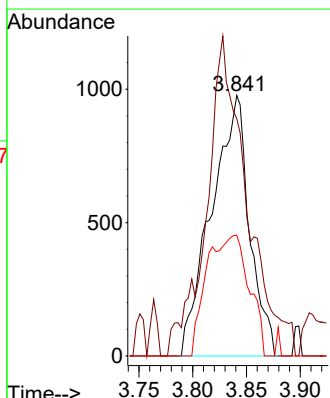
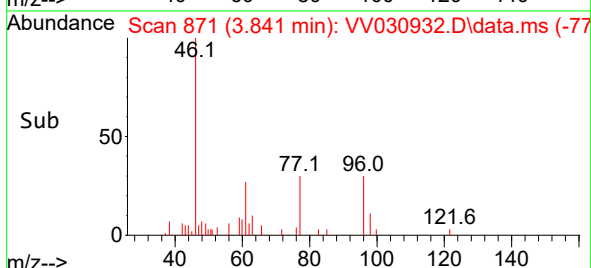
Reviewed By :Krupa Patel 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

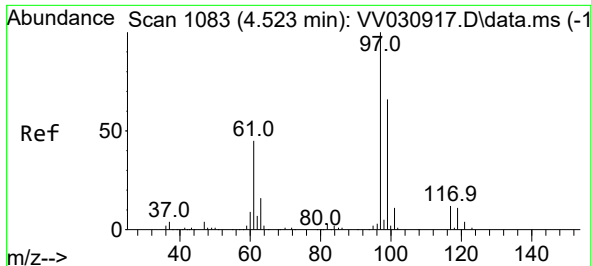


#22
cis-1,2-Dichloroethene
Concen: 0.361 ug/L
RT: 3.841 min Scan# 871
Delta R.T. 0.013 min
Lab File: VV030932.D
Acq: 28 Apr 2023 19:46



Tgt Ion: 96 Resp: 2403
Ion Ratio Lower Upper
96 100
61 91.1 86.0 159.6
98 46.4 43.2 80.2





#29

1,1,1-Trichloroethane

Concen: 1.485 ug/L

RT: 4.519 min Scan# 1082

Delta R.T. -0.003 min

Lab File: VV030932.D

Acq: 28 Apr 2023 19:46

Instrument :

MSVOA_V

ClientSampleId :

BHE73

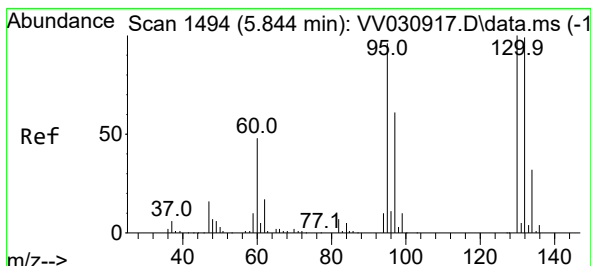
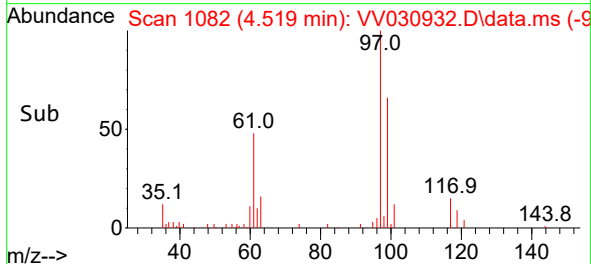
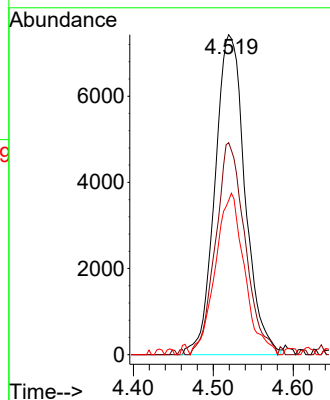
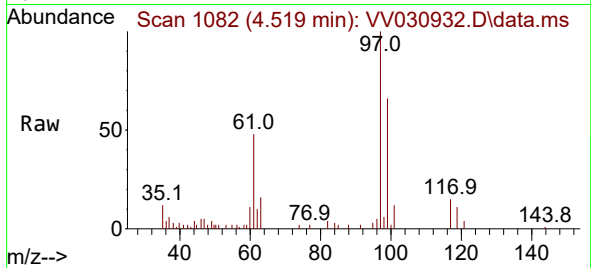
Tgt Ion: 97	Resp: 1938
Ion Ratio	Lower Upper
97 100	
99 65.0	51.4 77.2
61 49.1	37.4 56.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/01/2023

Supervised By :Mahesh Dadoda 05/01/2023



#34

Trichloroethene

Concen: 24.065 ug/L

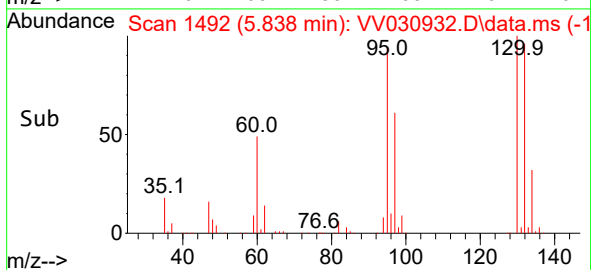
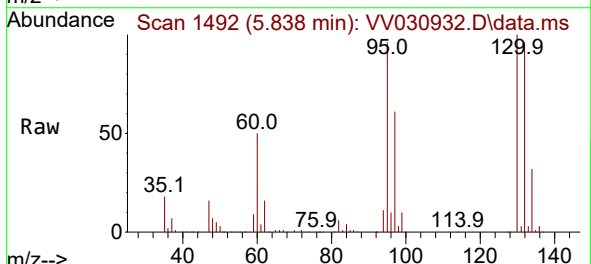
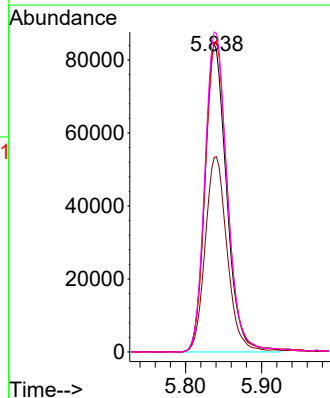
RT: 5.838 min Scan# 1492

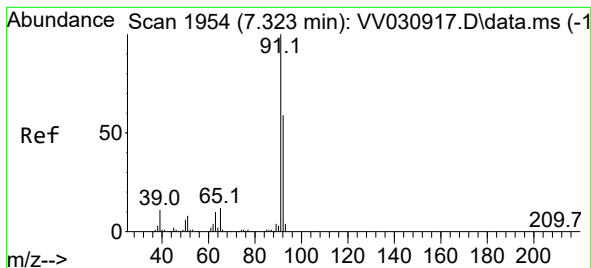
Delta R.T. -0.007 min

Lab File: VV030932.D

Acq: 28 Apr 2023 19:46

Tgt Ion: 95	Resp: 167549
Ion Ratio	Lower Upper
95 100	
97 63.1	46.2 85.8
132 100.0	72.7 135.1
130 103.7	75.7 140.5





#42

Toluene

Concen: 4.417 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. -0.000 min

Lab File: VV030932.D

Acq: 28 Apr 2023 19:46

Instrument :

MSVOA_V

ClientSampleId :

BHE73

Tgt Ion: 91 Resp: 124199

Ion Ratio Lower Upper

91 100

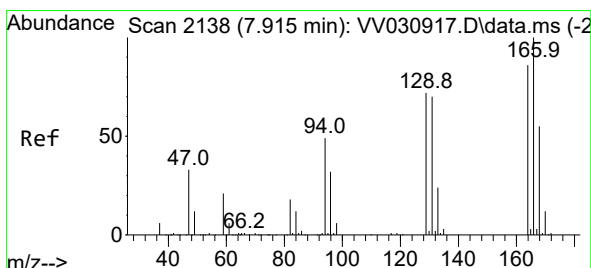
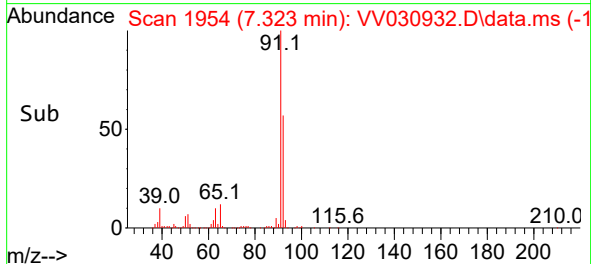
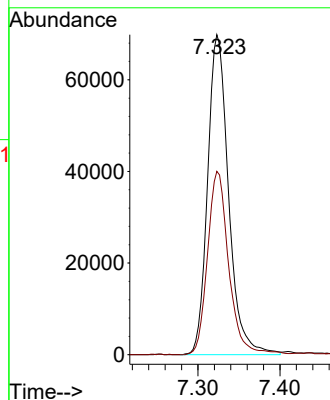
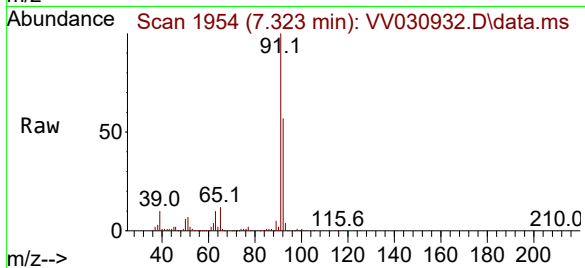
92 57.3 40.5 75.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/01/2023

Supervised By :Mahesh Dadoda 05/01/2023



#47

Tetrachloroethene

Concen: 7.617 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. -0.003 min

Lab File: VV030932.D

Acq: 28 Apr 2023 19:46

Tgt Ion:164 Resp: 50591

Ion Ratio Lower Upper

164 100

129 84.3 60.5 112.3

131 81.8 60.8 112.8

166 129.0 85.9 159.5

