

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050123\
 Data File : VW030953.D
 Acq On : 01 May 2023 14:16
 Operator : SY/MD
 Sample : 02488-11DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHE66DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/02/2023
 Supervised By : Mahesh Dadoda 05/02/2023

Quant Time: May 02 01:33:52 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	5.545	114	174218	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	169923	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	86728	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	47380	3.301	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	66.000%	
7) Chloroethane-d5	1.536	69	38455	3.284	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	65.600%	
11) 1,1-Dichloroethene-d2	2.063	65	24276	3.196	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	64.000%	
20) 2-Butanone-d5	3.838	46	84739m	33.292	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	66.580%	
24) Chloroform-d	4.262	84	91415	3.205	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	64.000%#	
26) 1,2-Dichloroethane-d4	4.953	65	48310	3.331	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	66.600%#	
32) Benzene-d6	4.970	84	158228	3.177	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	63.600%#	
36) 1,2-Dichloropropane-d6	5.995	67	45853	3.166	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	63.400%	
41) Toluene-d8	7.249	98	140957	2.972	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	59.400%#	
43) trans-1,3-Dichloroprop...	7.564	79	16342	3.010	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	60.200%	
46) 2-Hexanone-d5	8.037	63	54728	28.772	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	57.540%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	32653	3.110	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	62.200%#	
66) 1,2-Dichlorobenzene-d4	11.567	152	54144	3.349	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	67.000%#	
Target Compounds						
12) 1,1-Dichloroethene	2.076	96	18995	1.620	ug/L #	72
16) Methylene chloride	2.452	84	9961	0.751	ug/L	89
19) 1,1-Dichloroethane	3.121	63	3539	0.171	ug/L #	75
22) cis-1,2-Dichloroethene	3.828	96	10405	0.921	ug/L	95
25) Chloroform	4.288	83	11333	0.511	ug/L	98
29) 1,1,1-Trichloroethane	4.526	97	4653	0.218	ug/L	93
31) Carbon tetrachloride	4.744	117	3661	0.191	ug/L	95
34) Trichloroethene	5.841	95	77694	6.819	ug/L	98
47) Tetrachloroethene	7.912	164	32286	2.970	ug/L	98

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

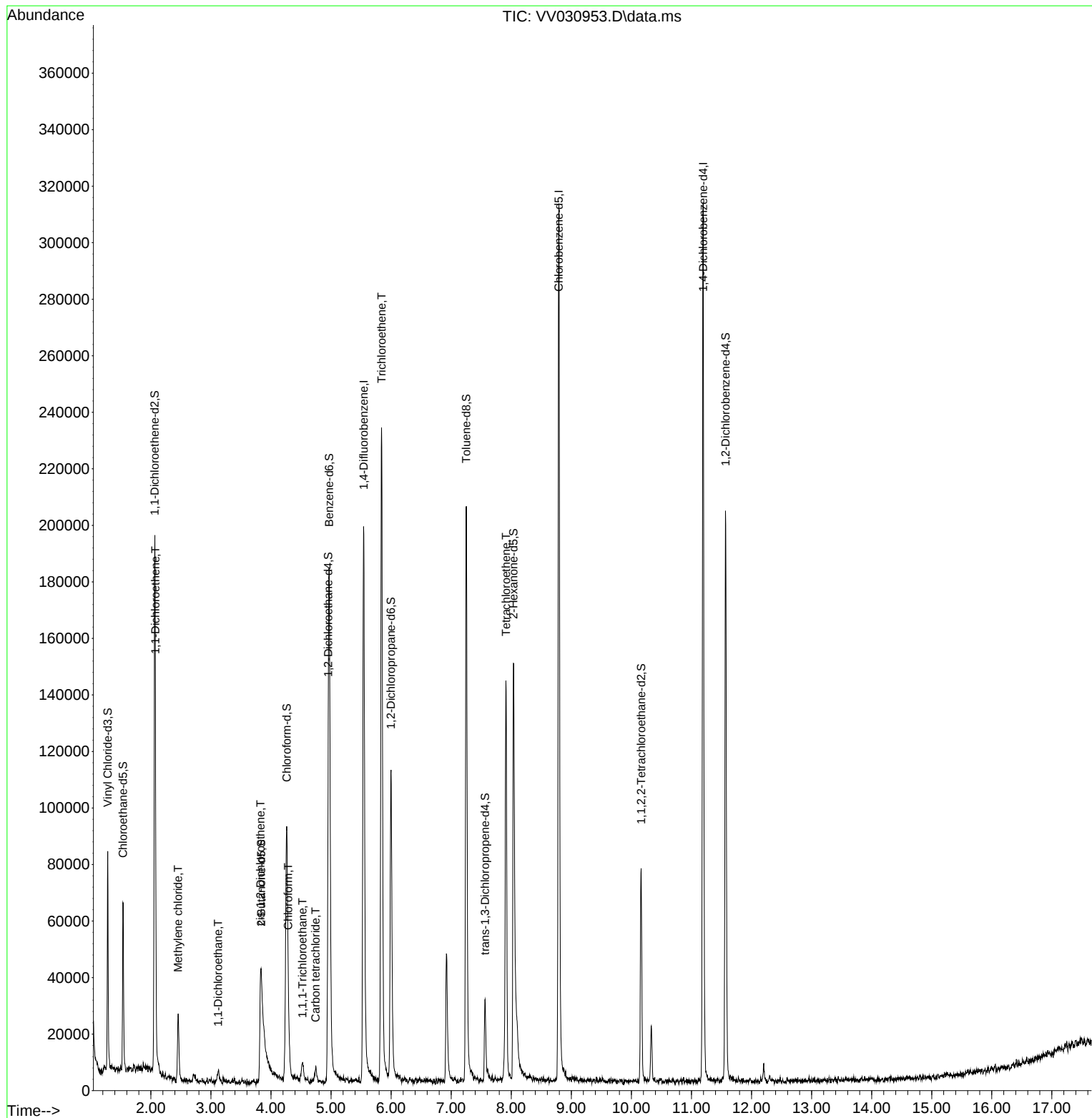
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050123\
Data File : VV030953.D
Acq On : 01 May 2023 14:16
Operator : SY/MD
Sample : 02488-11DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

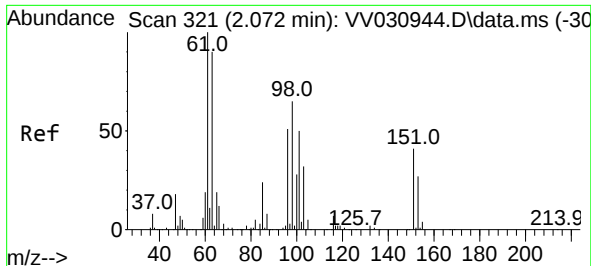
Instrument :
MSVOA_V
ClientSampleId :
BHE66DL

Quant Time: May 02 01:33:52 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

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/02/2023





#12

1,1-Dichloroethene

Concen: 1.620 ug/L

RT: 2.076 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV030953.D

Acq: 01 May 2023 14:16

Instrument :

MSVOA_V

ClientSampleId :

BHE66DL

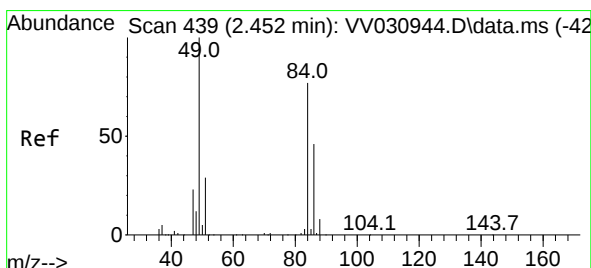
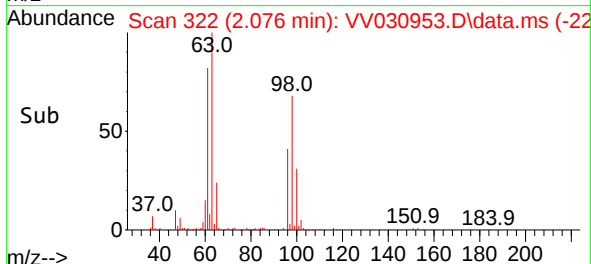
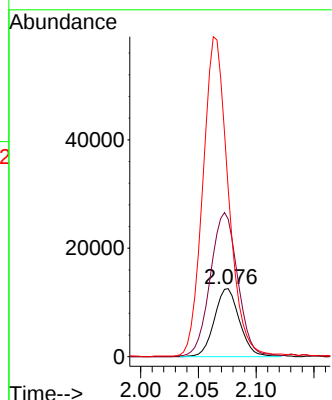
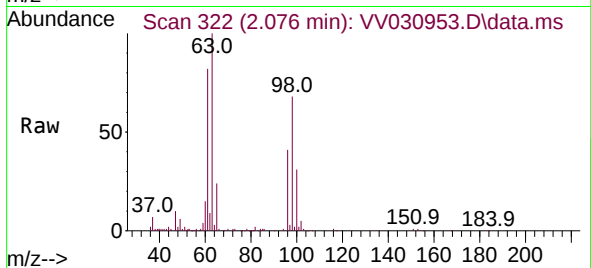
Tgt Ion:	96	Resp:	1899
Ion	Ratio	Lower	Upper
96	100		
61	202.3	135.6	251.8
63	246.9	121.1	224.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/02/2023



#16

Methylene chloride

Concen: 0.751 ug/L

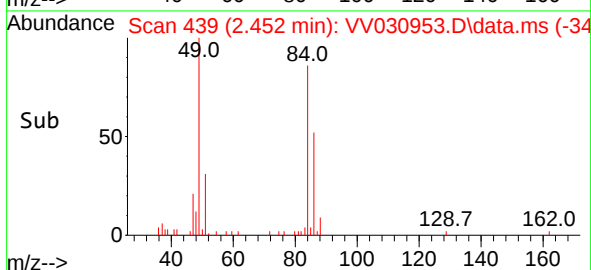
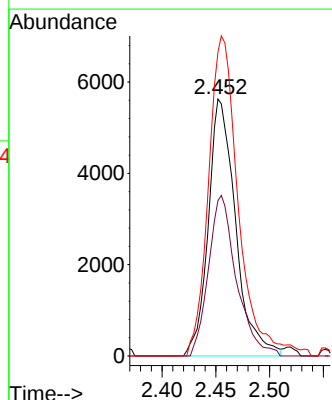
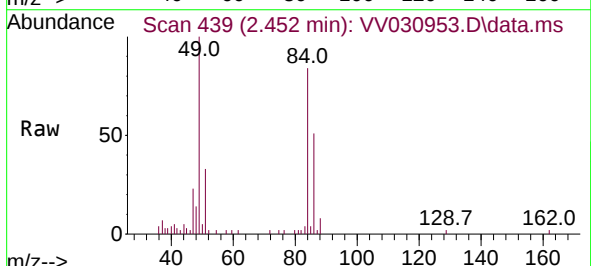
RT: 2.452 min Scan# 439

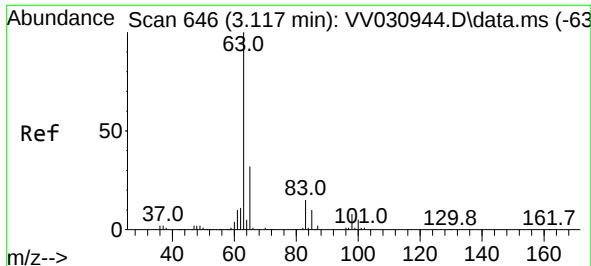
Delta R.T. -0.003 min

Lab File: VV030953.D

Acq: 01 May 2023 14:16

Tgt Ion:	84	Resp:	9961
Ion	Ratio	Lower	Upper
84	100		
86	60.5	46.1	85.5
49	118.4	94.3	175.1





#19

1,1-Dichloroethane

Concen: 0.171 ug/L

RT: 3.121 min Scan# 646

Delta R.T. 0.000 min

Lab File: VV030953.D

Acq: 01 May 2023 14:16

Instrument :

MSVOA_V

ClientSampleId :

BHE66DL

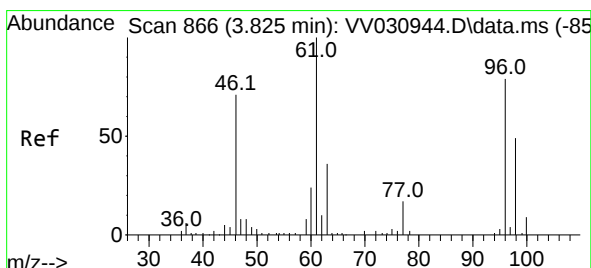
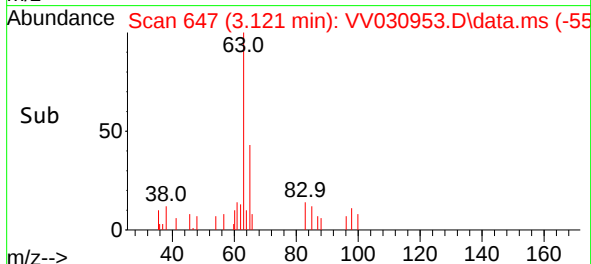
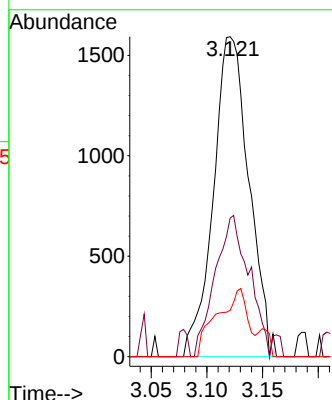
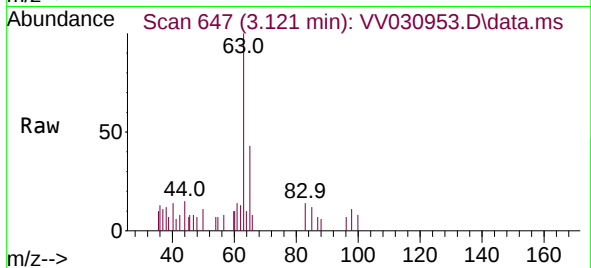
Tgt Ion: 63	Resp: 3539
Ion Ratio	Lower Upper
63 100	
65 51.5	21.8 40.6
83 14.4	10.2 19.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/02/2023



#22

cis-1,2-Dichloroethene

Concen: 0.921 ug/L

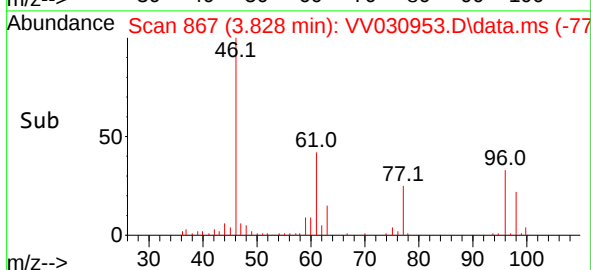
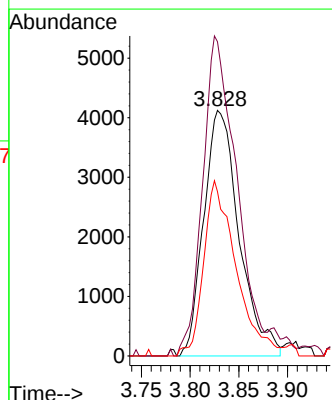
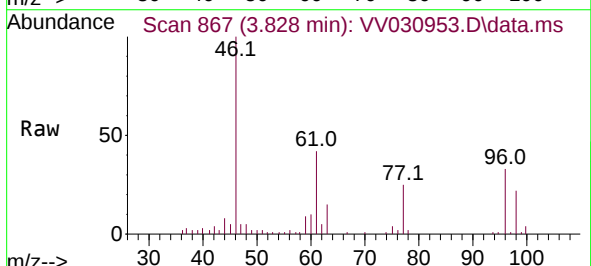
RT: 3.828 min Scan# 867

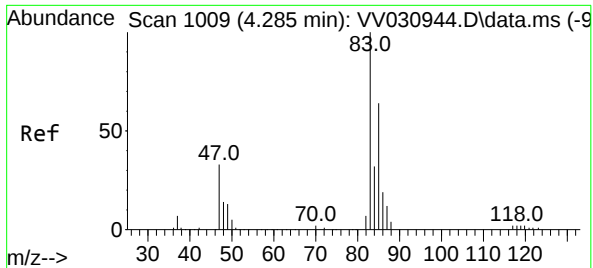
Delta R.T. 0.000 min

Lab File: VV030953.D

Acq: 01 May 2023 14:16

Tgt Ion: 96	Resp: 10405
Ion Ratio	Lower Upper
96 100	
61 128.0	86.0 159.6
98 66.9	43.2 80.2





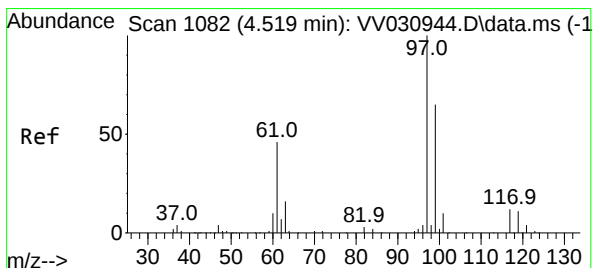
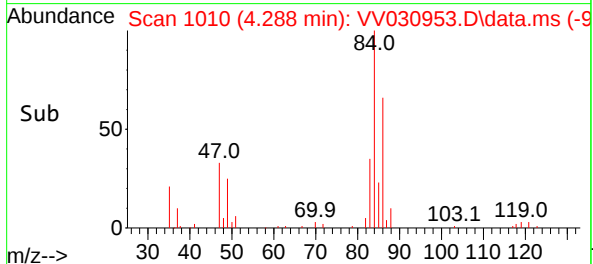
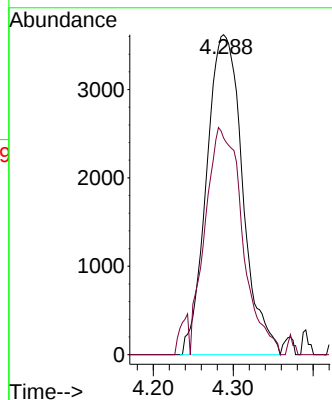
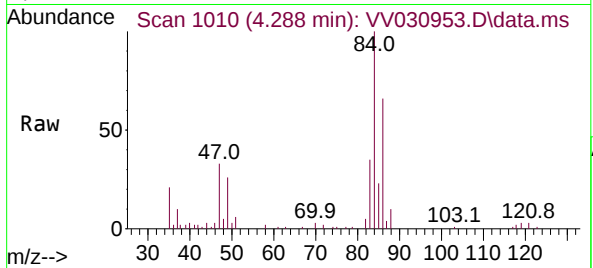
#25
Chloroform
Concen: 0.511 ug/L
RT: 4.288 min Scan# 1009
Delta R.T. 0.000 min
Lab File: VV030953.D
Acq: 01 May 2023 14:16

Instrument :
MSVOA_V
ClientSampleId :
BHE66DL

Tgt Ion: 83 Resp: 1133
Ion Ratio Lower Upper
83 100
85 67.7 46.4 86.2

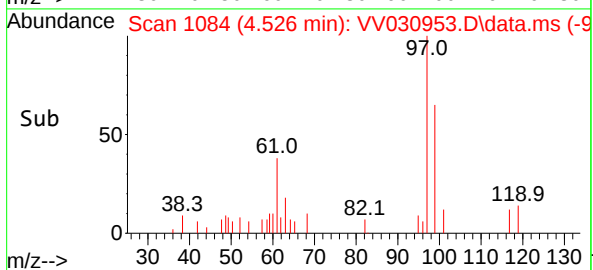
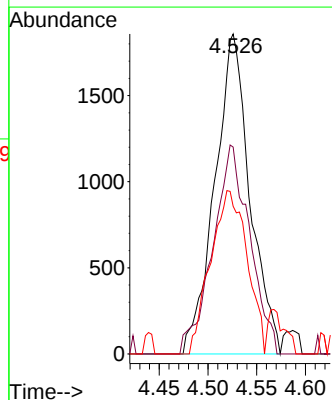
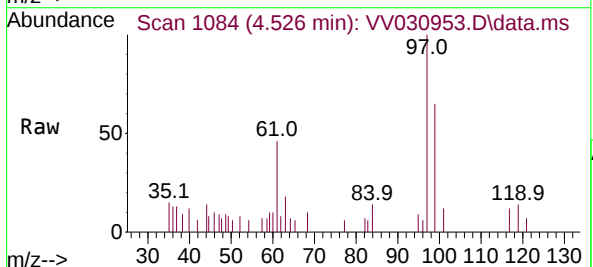
Manual Integrations
APPROVED

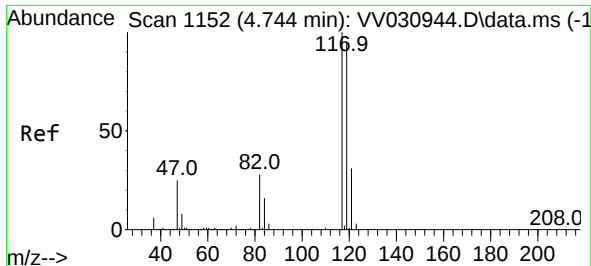
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/02/2023



#29
1,1,1-Trichloroethane
Concen: 0.218 ug/L
RT: 4.526 min Scan# 1084
Delta R.T. 0.003 min
Lab File: VV030953.D
Acq: 01 May 2023 14:16

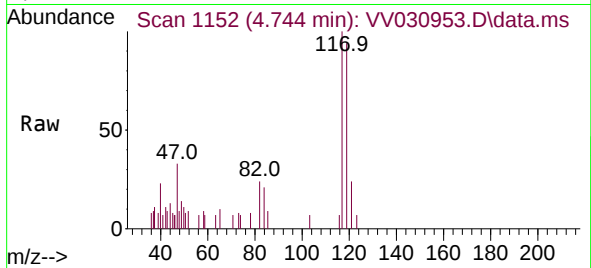
Tgt Ion: 97 Resp: 4653
Ion Ratio Lower Upper
97 100
99 68.6 51.4 77.2
61 53.0 37.4 56.0





#31
Carbon tetrachloride
Concen: 0.191 ug/L
RT: 4.744 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VV030953.D
Acq: 01 May 2023 14:16

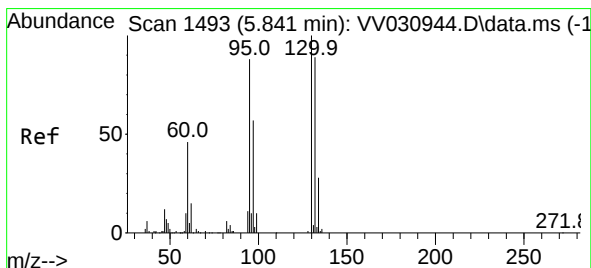
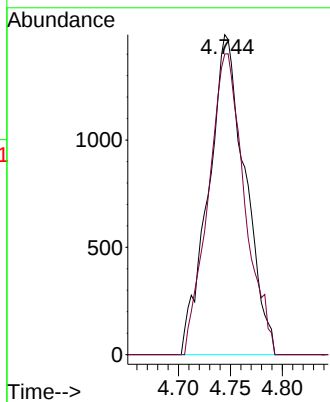
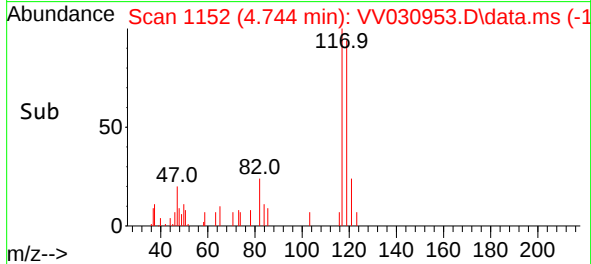
Instrument :
MSVOA_V
ClientSampleId :
BHE66DL



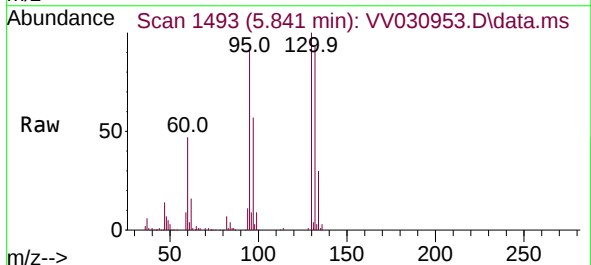
Tgt Ion: 117 Resp: 366
Ion Ratio Lower Upper
117 100
119 92.8 78.4 117.6

Manual Integrations
APPROVED

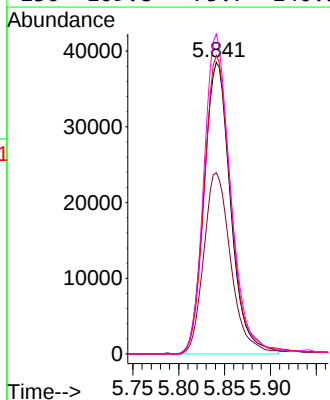
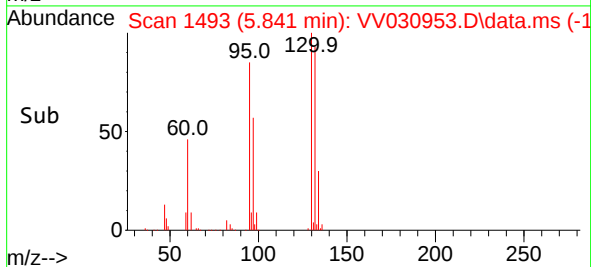
Reviewed By : John Carlone 05/02/2023
Supervised By : Mahesh Dadoda 05/02/2023

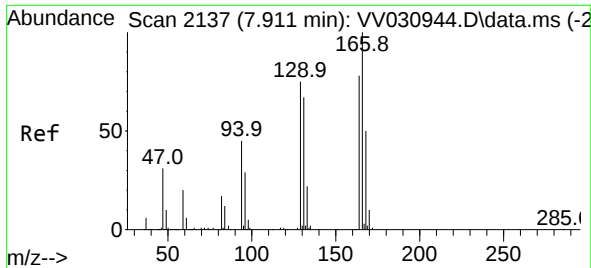


#34
Trichloroethene
Concen: 6.819 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. -0.003 min
Lab File: VV030953.D
Acq: 01 May 2023 14:16



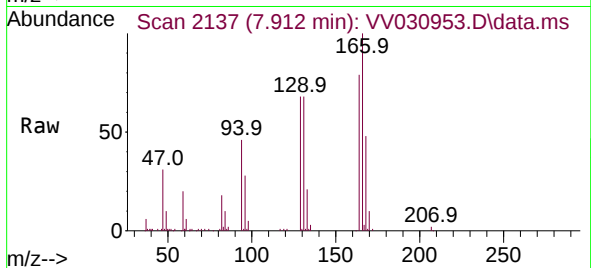
Tgt Ion: 95 Resp: 77694
Ion Ratio Lower Upper
95 100
97 62.2 46.2 85.8
132 102.5 72.7 135.1
130 109.8 75.7 140.5





#47
Tetrachloroethene
Concen: 2.970 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. -0.003 min
Lab File: VV030953.D
Acq: 01 May 2023 14:16

Instrument :
MSVOA_V
ClientSampleId :
BHE66DL



Tgt Ion:	164	Resp:	32280
Ion	Ratio	Lower	Upper
164	100		
129	86.7	60.5	112.3
131	86.0	60.8	112.8
166	126.7	85.9	159.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/02/2023

