

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050123\
 Data File : VV030966.D
 Acq On : 01 May 2023 19:30
 Operator : SY/MD
 Sample : 02488-11DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 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 01:35:40 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	131906	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	129386	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	65850	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	45155	4.155	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.000%	
7) Chloroethane-d5	1.535	69	37640	4.246	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	85.000%	
11) 1,1-Dichloroethene-d2	2.063	65	23302	4.051	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	81.000%	
20) 2-Butanone-d5	3.844	46	81540	42.311	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	84.620%	
24) Chloroform-d	4.262	84	89602	4.149	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.000%	
26) 1,2-Dichloroethane-d4	4.953	65	50551	4.604	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.000%	
32) Benzene-d6	4.969	84	159772	4.213	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.200%	
36) 1,2-Dichloropropane-d6	5.998	67	45905	4.163	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	83.200%	
41) Toluene-d8	7.252	98	137338	3.803	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	76.000%	
43) trans-1,3-Dichloroprop...	7.564	79	17358	4.199	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.000%	
46) 2-Hexanone-d5	8.037	63	64256	44.365	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	88.720%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	35476	4.438	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	88.800%	
66) 1,2-Dichlorobenzene-d4	11.570	152	55249	4.501	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	90.000%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	1652	0.171	ug/L #	60
12) 1,1-Dichloroethene	2.072	96	18034	2.032	ug/L #	48
16) Methylene chloride	2.458	84	3970	0.395	ug/L	88
19) 1,1-Dichloroethane	3.124	63	3800	0.243	ug/L	91
22) cis-1,2-Dichloroethene	3.831	96	11696	1.367	ug/L	89
25) Chloroform	4.288	83	11766	0.700	ug/L	92
29) 1,1,1-Trichloroethane	4.529	97	4909m	0.302	ug/L	
31) Carbon tetrachloride	4.751	117	3588	0.246	ug/L	88
34) Trichloroethene	5.841	95	75853	8.743	ug/L	96
47) Tetrachloroethene	7.911	164	30033	3.629	ug/L	98

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

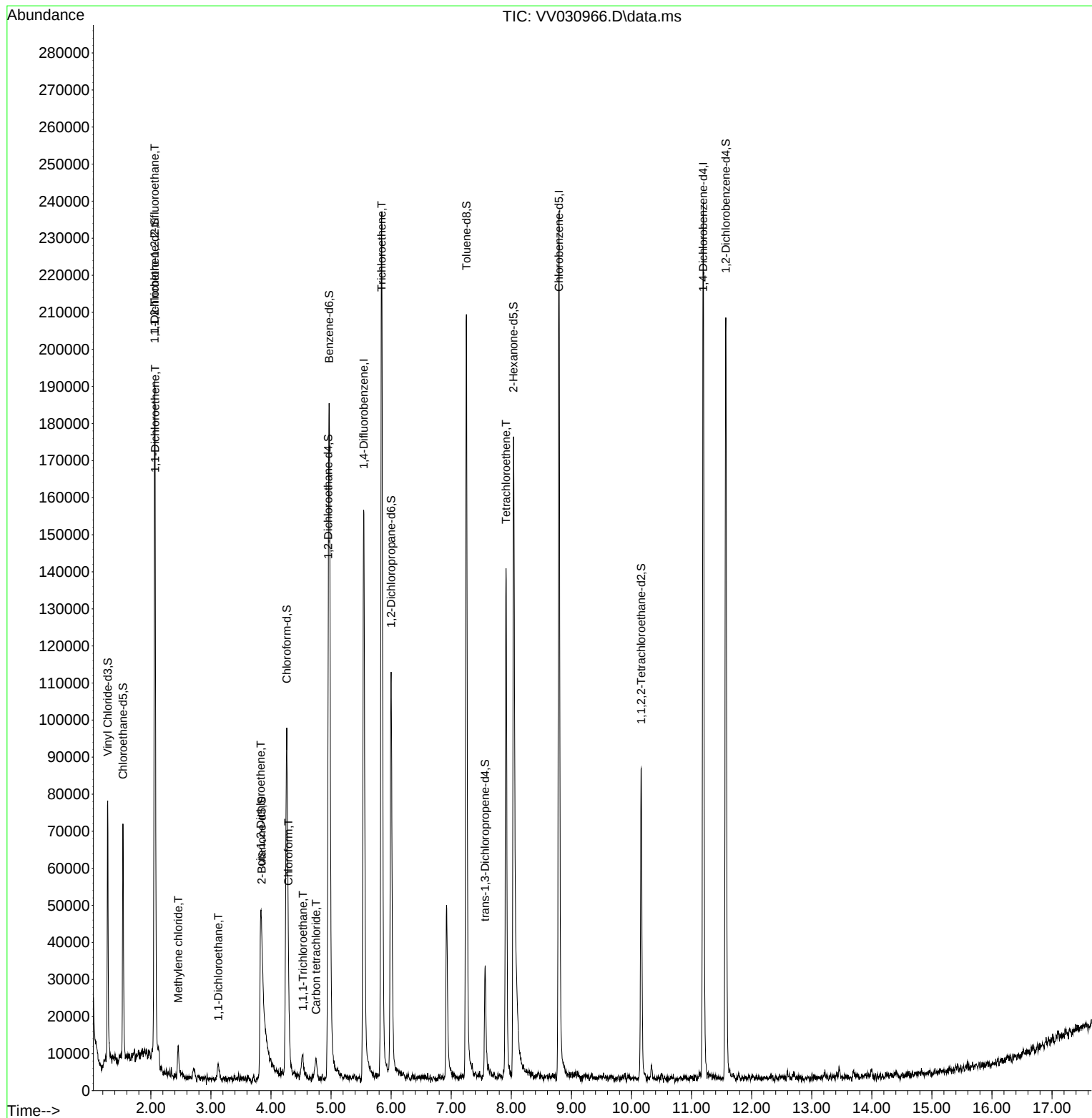
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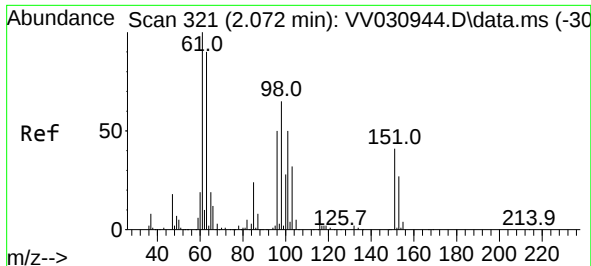
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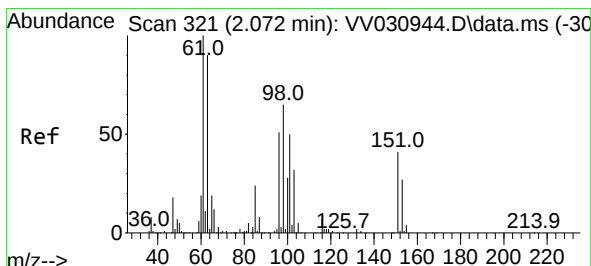
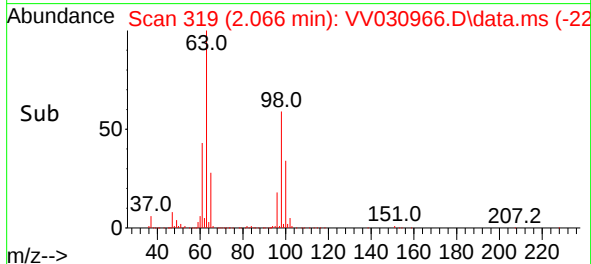
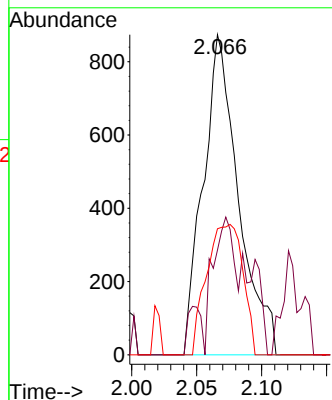
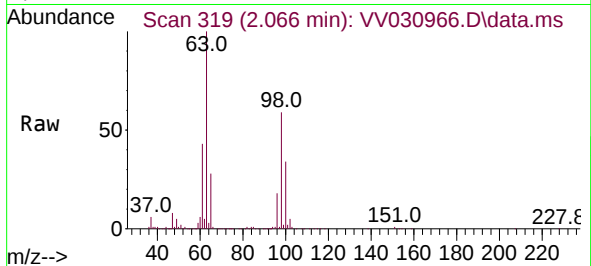
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.171 ug/L
RT: 2.066 min Scan# 319
Delta R.T. -0.007 min
Lab File: VV030966.D
Acq: 01 May 2023 19:30

Instrument :
MSVOA_V
ClientSampleId :
BHE66DL

Tgt Ion:101 Resp: 165
Ion Ratio Lower Upper
101 100
85 26.5 38.7 58.1
151 41.8 65.1 97.7

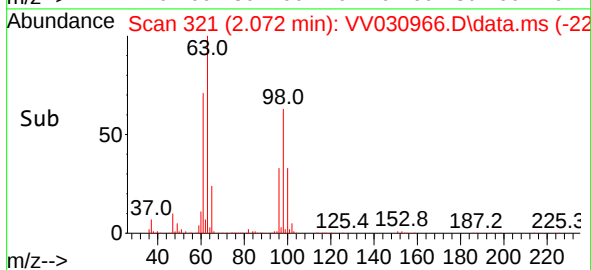
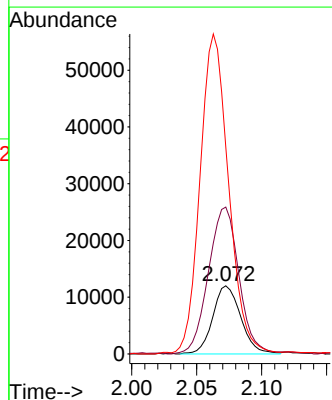
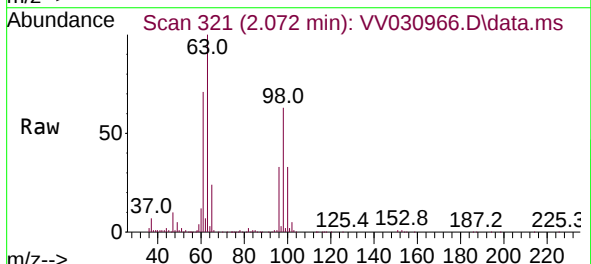
Manual Integrations
APPROVED

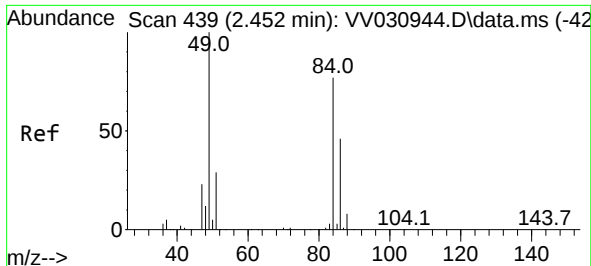
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/02/2023



#12
1,1-Dichloroethene
Concen: 2.032 ug/L
RT: 2.072 min Scan# 321
Delta R.T. -0.000 min
Lab File: VV030966.D
Acq: 01 May 2023 19:30

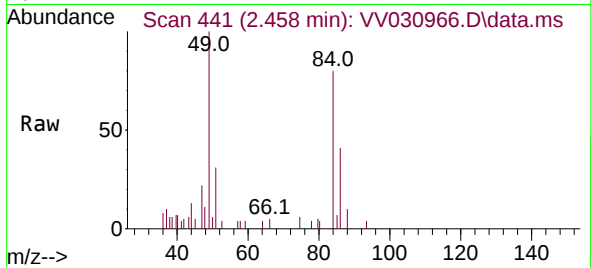
Tgt Ion: 96 Resp: 18034
Ion Ratio Lower Upper
96 100
61 215.7 135.6 251.8
63 303.7 121.1 224.9





#16
Methylene chloride
Concen: 0.395 ug/L
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV030966.D
Acq: 01 May 2023 19:30

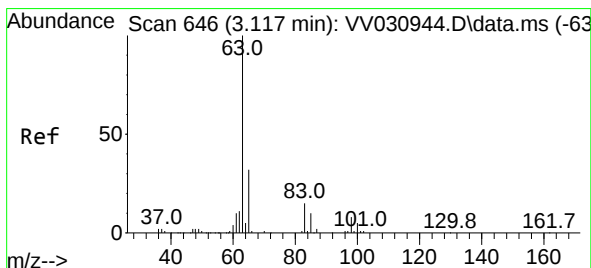
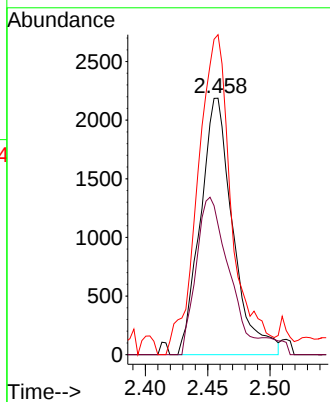
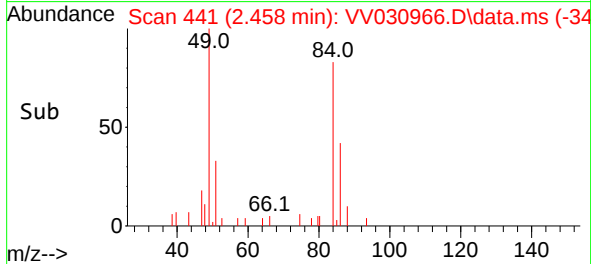
Instrument :
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BHE66DL



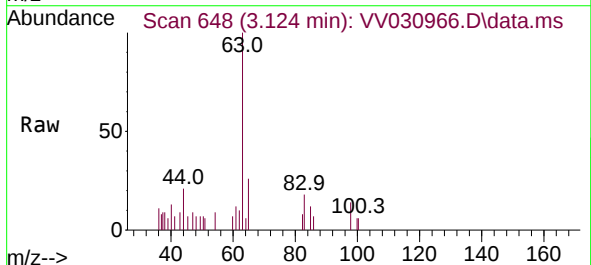
Tgt Ion: 84 Resp: 3970
Ion Ratio Lower Upper
84 100
86 50.7 46.1 85.5
49 124.8 94.3 175.1

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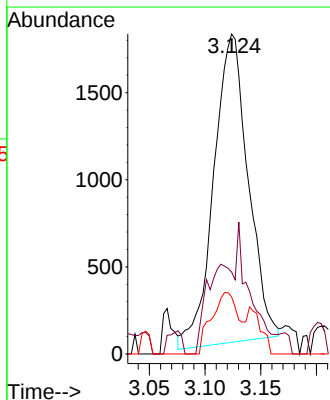
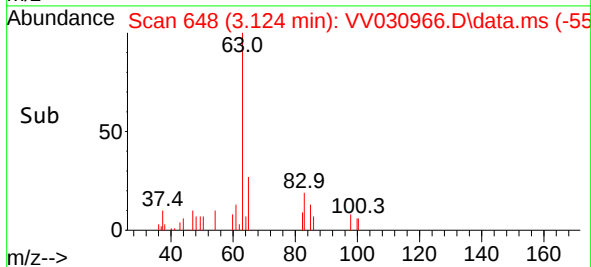
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/02/2023

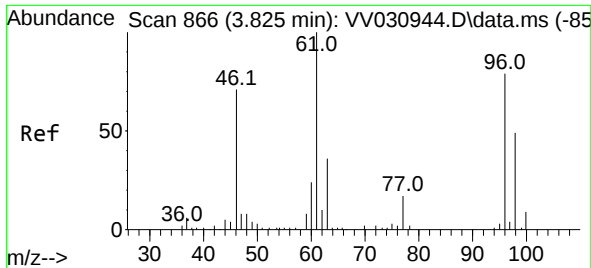


#19
1,1-Dichloroethane
Concen: 0.243 ug/L
RT: 3.124 min Scan# 648
Delta R.T. 0.003 min
Lab File: VV030966.D
Acq: 01 May 2023 19:30



Tgt Ion: 63 Resp: 3800
Ion Ratio Lower Upper
63 100
65 25.6 21.8 40.6
83 17.9 10.2 19.0





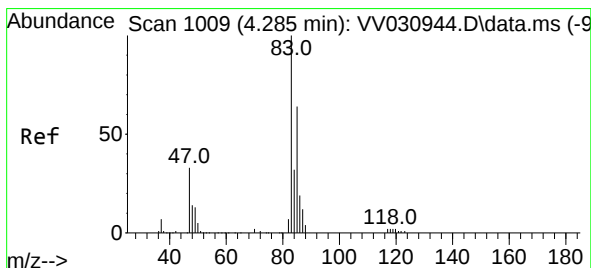
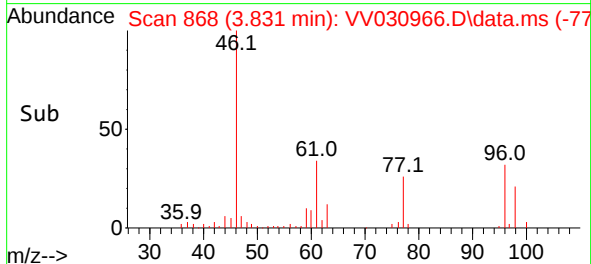
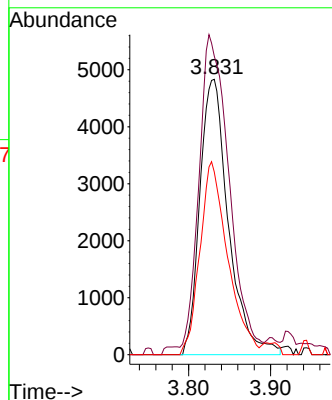
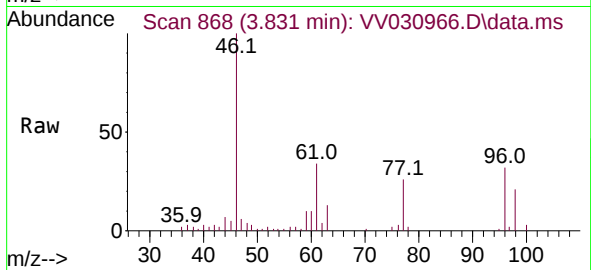
#22
 cis-1,2-Dichloroethene
 Concen: 1.367 ug/L
 RT: 3.831 min Scan# 80
 Delta R.T. 0.003 min
 Lab File: VV030966.D
 Acq: 01 May 2023 19:30

Instrument :
 MSVOA_V
 ClientSampleId :
 BHE66DL

Tgt Ion: 96 Resp: 11690
 Ion Ratio Lower Upper
 96 100
 61 108.4 86.0 159.6
 98 66.3 43.2 80.2

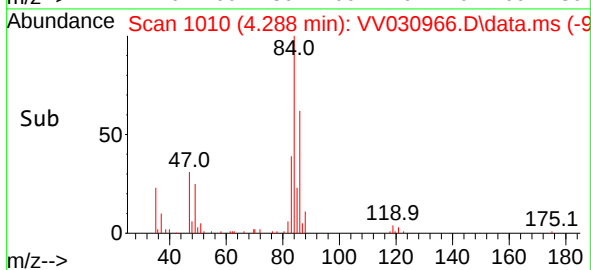
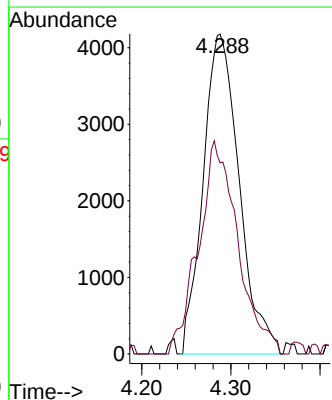
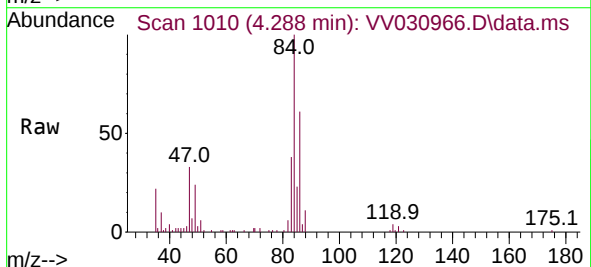
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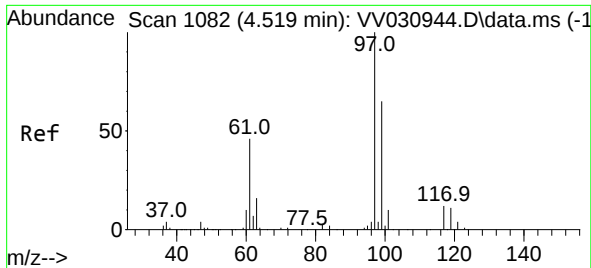
Reviewed By :John Carlone 05/02/2023
 Supervised By :Mahesh Dadoda 05/02/2023



#25
 Chloroform
 Concen: 0.700 ug/L
 RT: 4.288 min Scan# 1010
 Delta R.T. -0.000 min
 Lab File: VV030966.D
 Acq: 01 May 2023 19:30

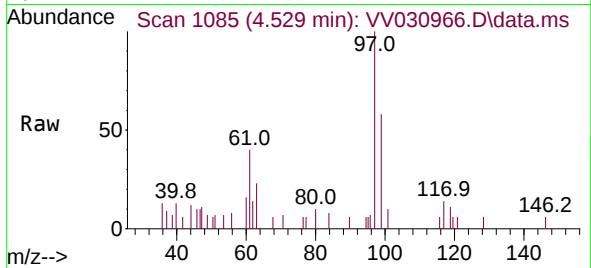
Tgt Ion: 83 Resp: 11766
 Ion Ratio Lower Upper
 83 100
 85 59.7 46.4 86.2





#29
1,1,1-Trichloroethane
Concen: 0.302 ug/L m
RT: 4.529 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VV030966.D
Acq: 01 May 2023 19:30

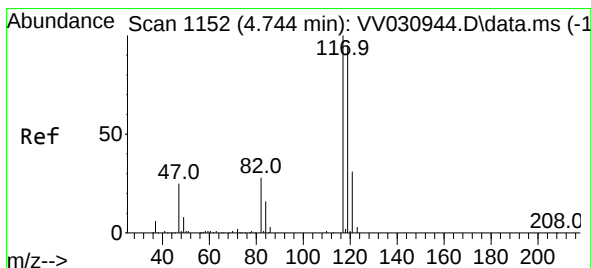
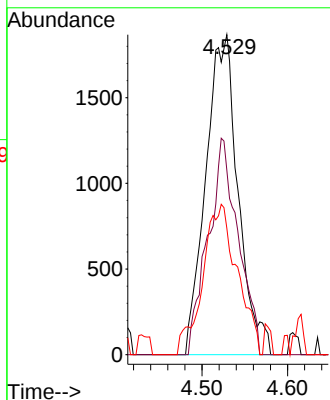
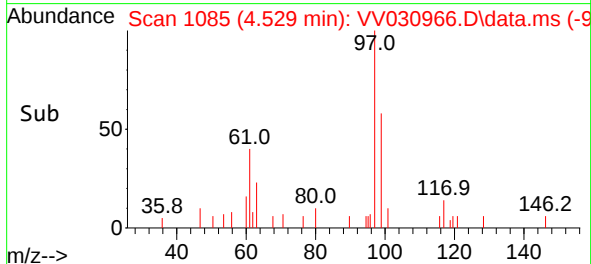
Instrument :
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Tgt Ion: 97 Resp: 4905
Ion Ratio Lower Upper
97 100
99 63.1 51.4 77.2
61 50.2 37.4 56.0

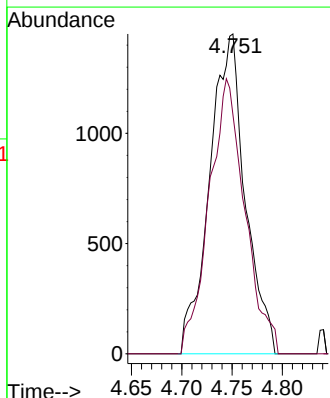
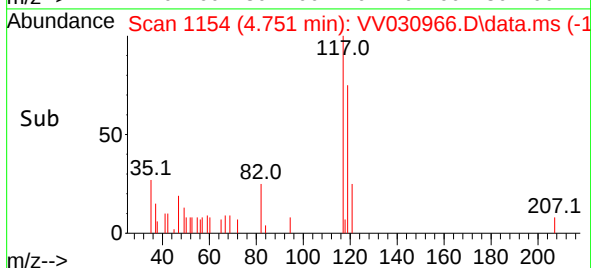
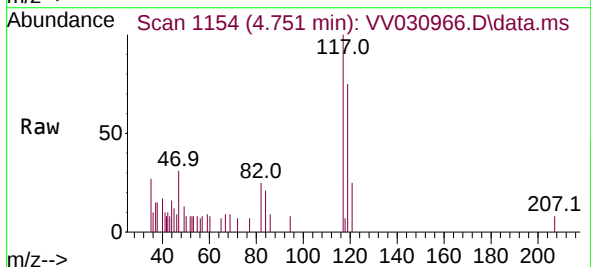
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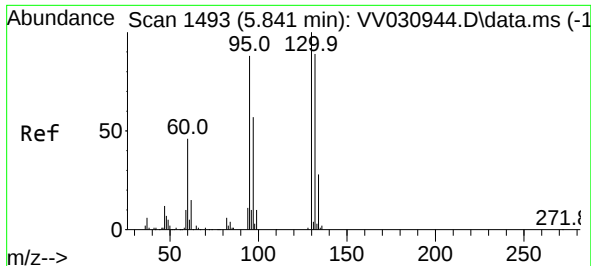
Reviewed By :John Carlone 05/02/2023
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#31
Carbon tetrachloride
Concen: 0.246 ug/L
RT: 4.751 min Scan# 1154
Delta R.T. 0.006 min
Lab File: VV030966.D
Acq: 01 May 2023 19:30

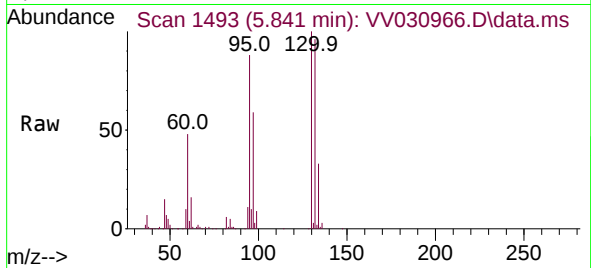
Tgt Ion:117 Resp: 3588
Ion Ratio Lower Upper
117 100
119 86.3 78.4 117.6





#34
Trichloroethene
Concen: 8.743 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. -0.003 min
Lab File: VV030966.D
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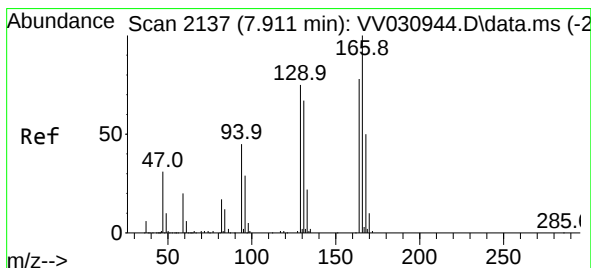
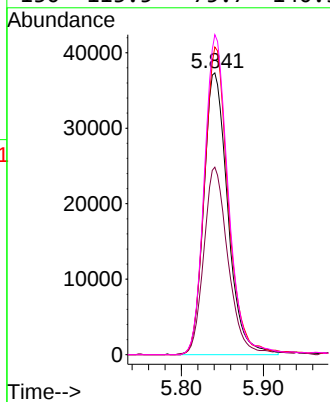
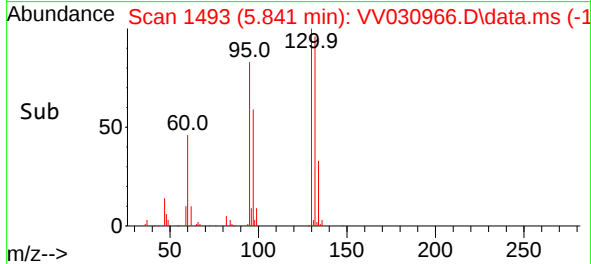
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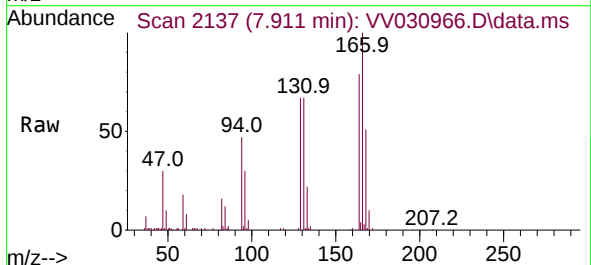
Tgt Ion: 95 Resp: 7585
Ion Ratio Lower Upper
95 100
97 66.5 46.2 85.8
132 109.2 72.7 135.1
130 113.5 75.7 140.5

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#47
Tetrachloroethene
Concen: 3.629 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.003 min
Lab File: VV030966.D
Acq: 01 May 2023 19:30



Tgt Ion:164 Resp: 30033
Ion Ratio Lower Upper
164 100
129 84.6 60.5 112.3
131 85.1 60.8 112.8
166 126.1 85.9 159.5

