

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029817.D
 Acq On : 13 Jan 2023 18:41
 Operator : SY/MD
 Sample : 01138-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1X4

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/16/2023
 Supervised By : Mahesh Dadoda 01/16/2023

Quant Time: Jan 13 22:53:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 22:05:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	202940	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	199628	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	103973	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	65934	4.283	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	85.600%		
7) Chloroethane-d5	1.565	69	61117	4.790	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	95.800%		
11) 1,1-Dichloroethene-d2	2.111	63	247809	8.831	ug/L	0.01
Spiked Amount 5.000	Range 60 - 125		Recovery =	176.600%#		
20) 2-Butanone-d5	3.886	46	134733	49.384	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery =	98.760%		
24) Chloroform-d	4.339	84	133999	4.746	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	95.000%		
26) 1,2-Dichloroethane-d4	5.024	65	59521	4.977	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	99.600%		
32) Benzene-d6	5.043	84	275256	4.648	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	93.000%		
36) 1,2-Dichloropropane-d6	6.063	67	85418	4.929	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	98.600%		
41) Toluene-d8	7.307	98	239513	4.369	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	87.400%		
43) trans-1,3-Dichloroprop...	7.616	79	24803	3.919	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	78.400%		
46) 2-Hexanone-d5	8.085	63	123437	47.904	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	95.800%		
56) 1,1,2,2-Tetrachloroeth...	10.204	84	62967	4.958	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	99.200%		
66) 1,2-Dichlorobenzene-d4	11.612	152	94115	4.979	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	99.600%		
Target Compounds						
3) Chloromethane	1.240	50	2511	0.126	ug/L	98
12) 1,1-Dichloroethene	2.114	96	327121	18.877	ug/L #	81
14) Carbon disulfide	2.291	76	3654	0.073	ug/L #	93
16) Methylene chloride	2.503	84	5543	0.257	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	5516	0.184	ug/L	94
19) 1,1-Dichloroethane	3.182	63	272827	10.124	ug/L	99
22) cis-1,2-Dichloroethene	3.902	96	6117m	0.356	ug/L	
34) Trichloroethene	5.908	95	33435	1.999	ug/L	99
47) Tetrachloroethene	7.966	164	1619	0.115	ug/L	90

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

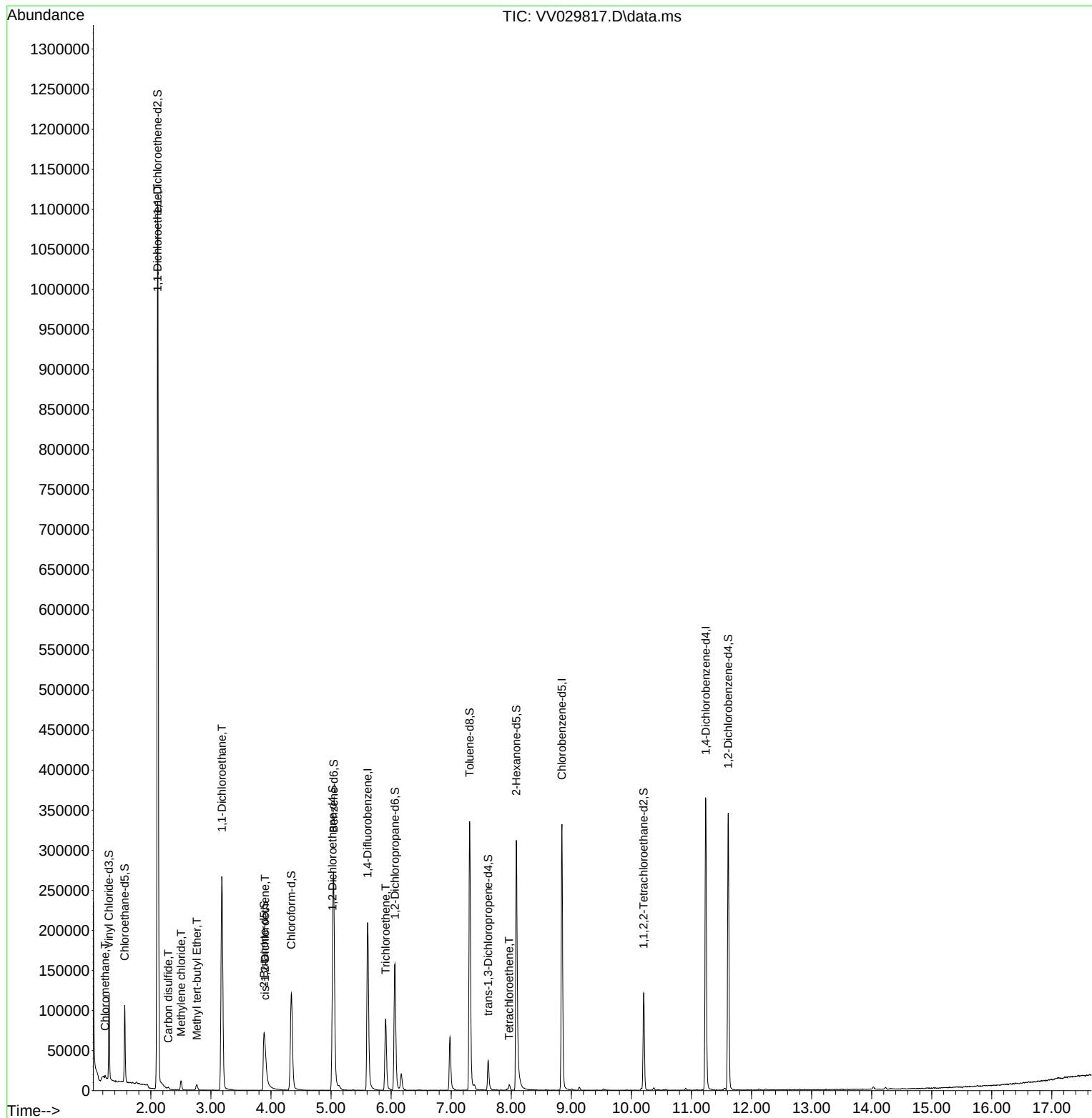
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011323\
Data File : VV029817.D
Acq On : 13 Jan 2023 18:41
Operator : SY/MD
Sample : 01138-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

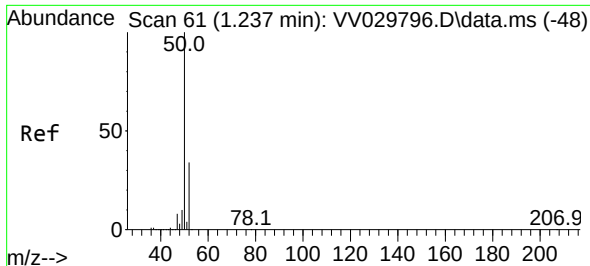
Instrument :
MSVOA_V
ClientSampleId :
BH1X4

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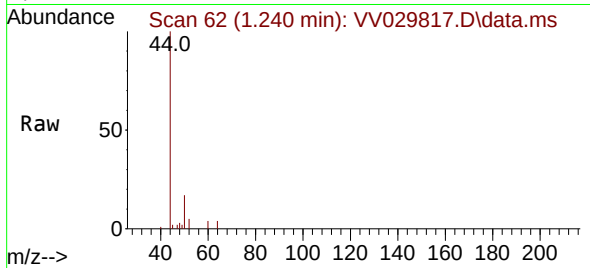
Quant Time: Jan 13 22:53:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 12 22:05:54 2023
Response via : Initial Calibration





#3
Chloromethane
Concen: 0.126 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029817.D
Acq: 13 Jan 2023 18:41

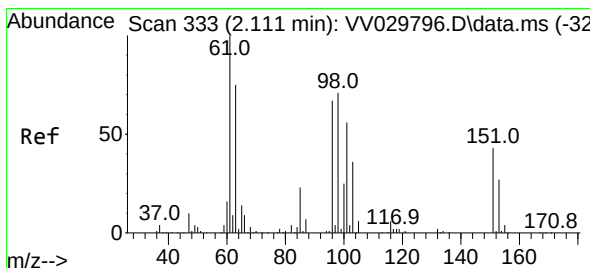
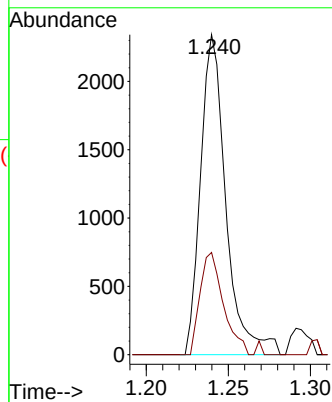
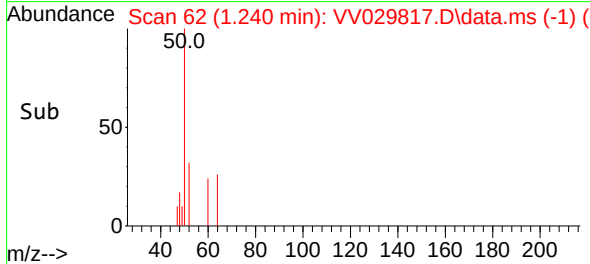
Instrument :
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ClientSampleId :
BH1X4



Tgt Ion: 50 Resp: 251
Ion Ratio Lower Upper
50 100
52 31.9 23.1 42.9

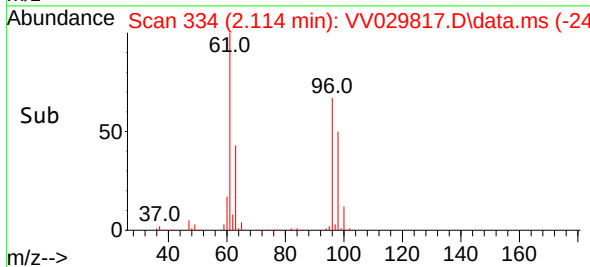
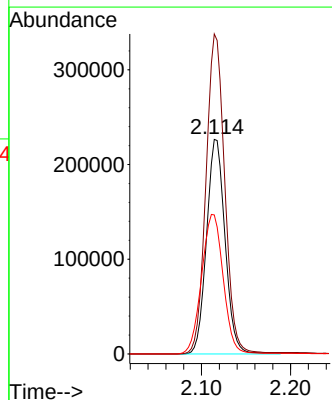
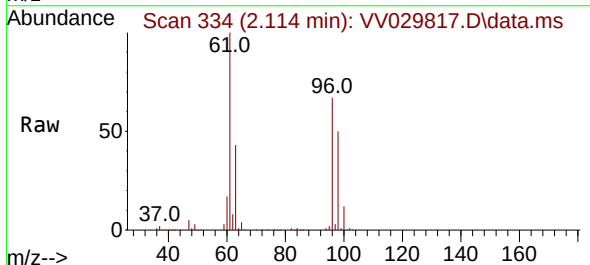
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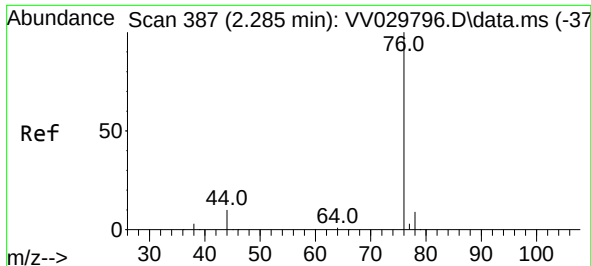
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#12
1,1-Dichloroethene
Concen: 18.877 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV029817.D
Acq: 13 Jan 2023 18:41

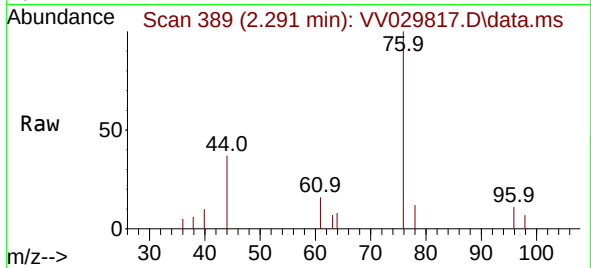
Tgt Ion: 96 Resp: 327121
Ion Ratio Lower Upper
96 100
61 149.1 106.1 197.1
63 64.8 76.4 141.8#





#14
Carbon disulfide
Concen: 0.073 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.006 min
Lab File: VV029817.D
Acq: 13 Jan 2023 18:41

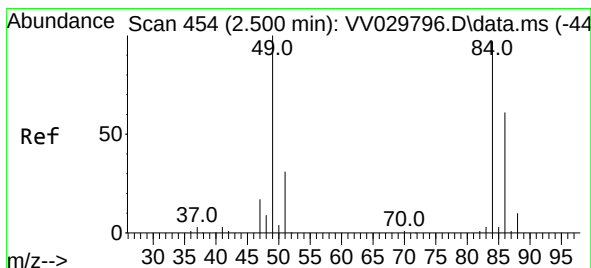
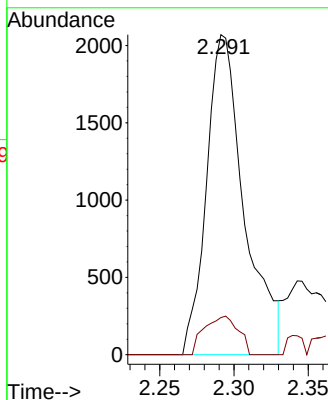
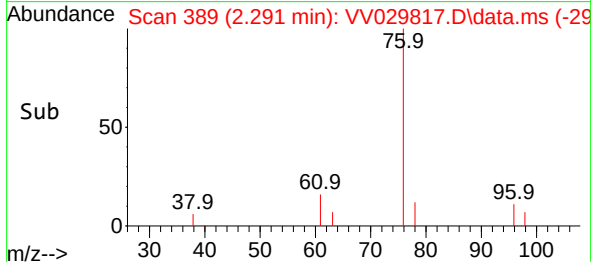
Instrument :
MSVOA_V
ClientSampleId :
BH1X4



Tgt Ion: 76 Resp: 3654
Ion Ratio Lower Upper
76 100
78 11.6 7.4 11.0

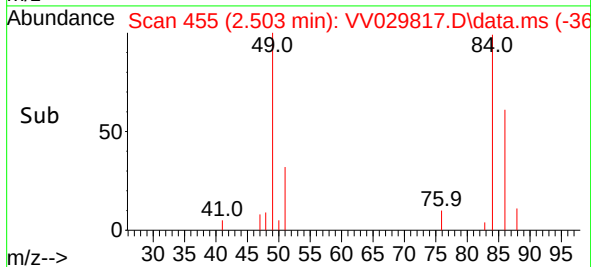
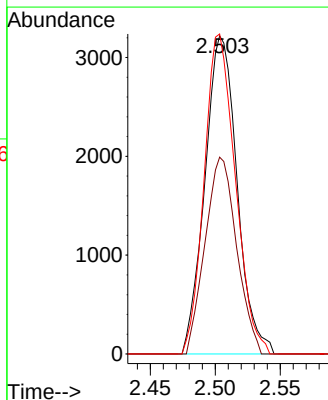
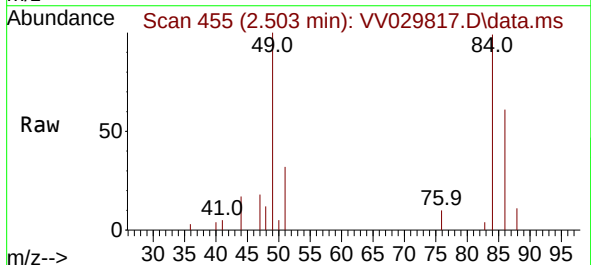
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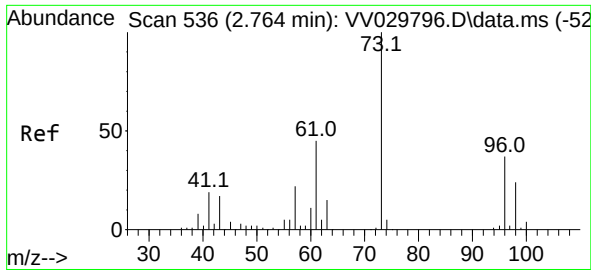
Reviewed By :John Carlone 01/16/2023
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#16
Methylene chloride
Concen: 0.257 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.006 min
Lab File: VV029817.D
Acq: 13 Jan 2023 18:41

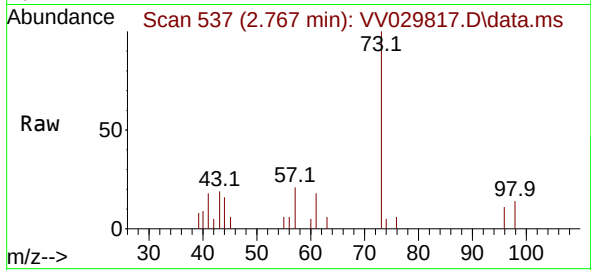
Tgt Ion: 84 Resp: 5543
Ion Ratio Lower Upper
84 100
86 61.9 45.0 83.6
49 100.6 71.5 132.7





#17
Methyl tert-butyl Ether
Concen: 0.184 ug/L
RT: 2.767 min Scan# 536
Delta R.T. 0.006 min
Lab File: VV029817.D
Acq: 13 Jan 2023 18:41

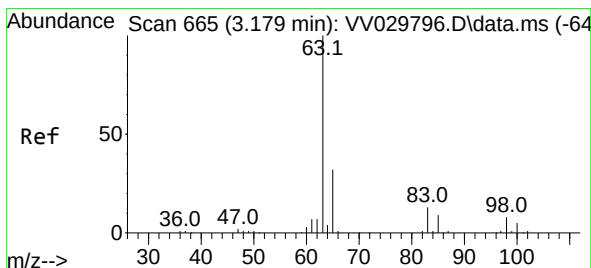
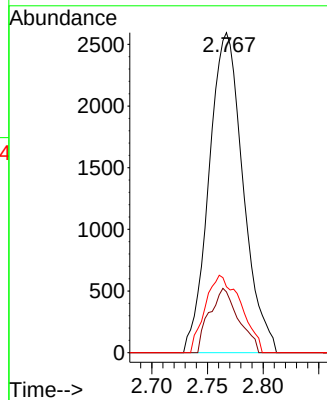
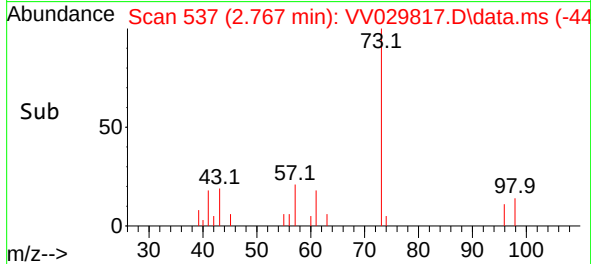
Instrument :
MSVOA_V
ClientSampleId :
BH1X4



Tgt Ion: 73 Resp: 5510
Ion Ratio Lower Upper
73 100
43 17.1 13.0 19.4
57 25.4 17.1 25.7

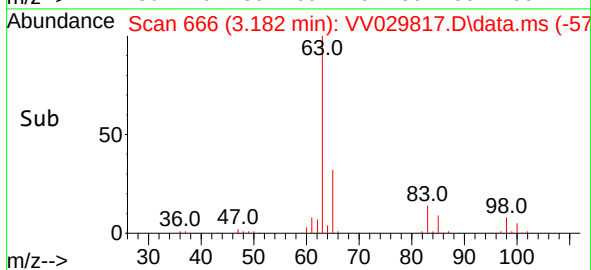
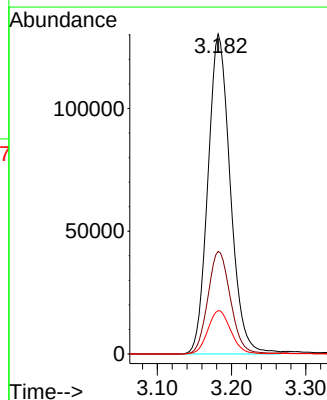
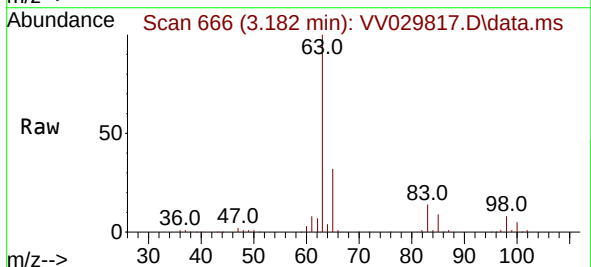
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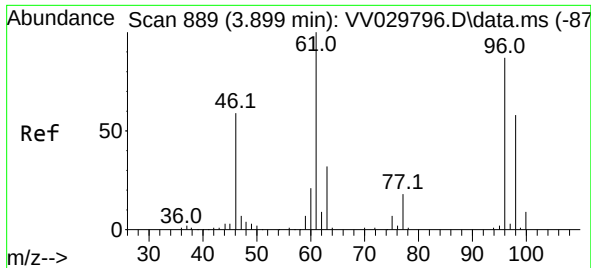
Reviewed By :John Carlone 01/16/2023
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#19
1,1-Dichloroethane
Concen: 10.124 ug/L
RT: 3.182 min Scan# 666
Delta R.T. 0.003 min
Lab File: VV029817.D
Acq: 13 Jan 2023 18:41

Tgt Ion: 63 Resp: 272827
Ion Ratio Lower Upper
63 100
65 32.0 22.4 41.6
83 13.5 10.2 19.0





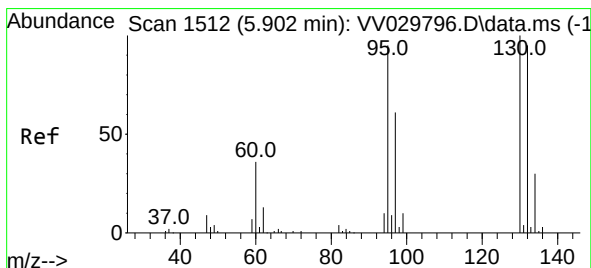
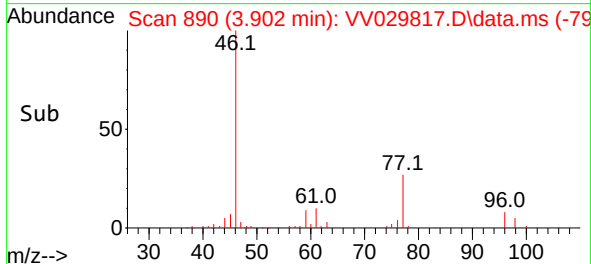
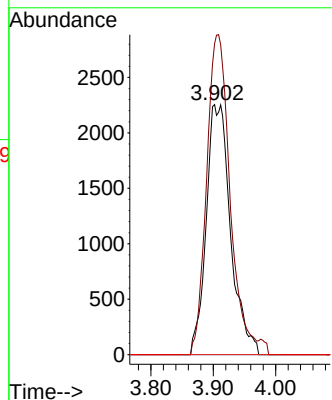
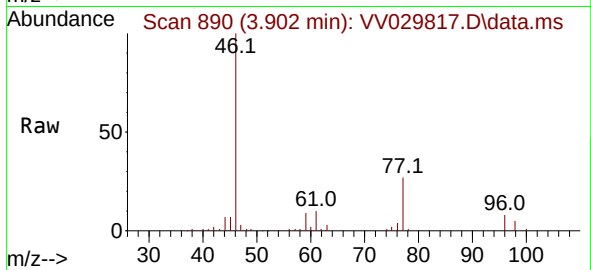
#22
cis-1,2-Dichloroethene
Concen: 0.356 ug/L m
RT: 3.902 min Scan# 890
Delta R.T. 0.003 min
Lab File: VV029817.D
Acq: 13 Jan 2023 18:41

Instrument :
MSVOA_V
ClientSampleId :
BH1X4

Tgt Ion: 96 Resp: 611
Ion Ratio Lower Upper
96 100
61 124.3 80.0 148.6
68 0.0 0.0 0.0

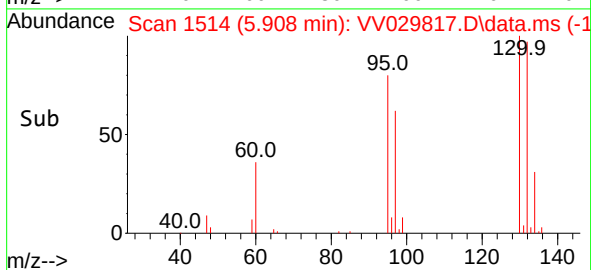
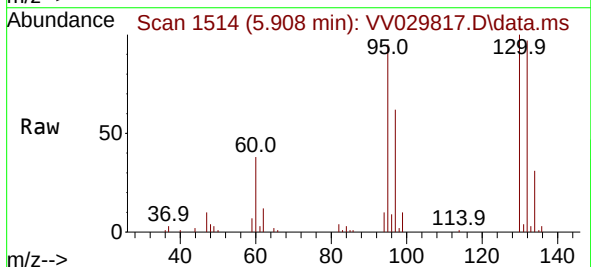
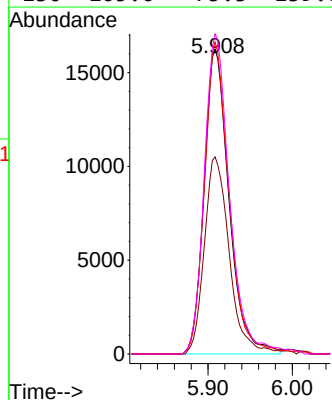
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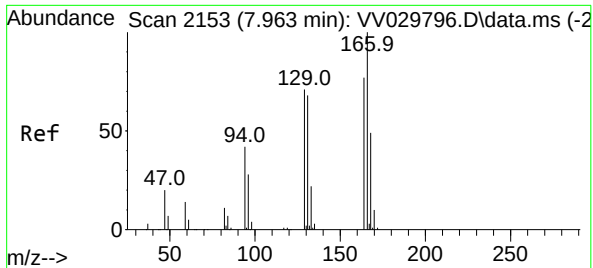
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#34
Trichloroethene
Concen: 1.999 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.003 min
Lab File: VV029817.D
Acq: 13 Jan 2023 18:41

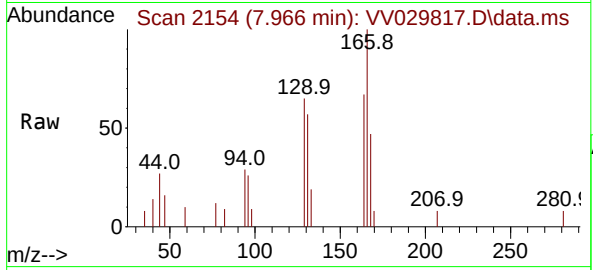
Tgt Ion: 95 Resp: 33435
Ion Ratio Lower Upper
95 100
97 64.7 44.9 83.3
132 102.3 71.8 133.4
130 105.0 75.3 139.8





#47
Tetrachloroethene
Concen: 0.115 ug/L
RT: 7.966 min Scan# 2153
Delta R.T. 0.000 min
Lab File: VV029817.D
Acq: 13 Jan 2023 18:41

Instrument :
MSVOA_V
ClientSampleId :
BH1X4



Tgt Ion:164 Resp: 1619

Ion	Ratio	Lower	Upper
164	100		
129	97.7	64.5	119.7
131	85.7	62.9	116.7
166	149.6	90.7	168.5

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