

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112421\
 Data File : VW023710.D
 Acq On : 24 Nov 2021 19:03
 Operator : SY/MD
 Sample : M4821-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4666

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/26/2021
 Supervised By : Mahesh Dadoda 11/26/2021

Quant Time: Nov 26 01:56:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 26 01:51:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	134522	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	129241	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60433	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	39172	3.547	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	71.000%	
7) Chloroethane-d5	1.568	69	34327	3.954	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.000%	
11) 1,1-Dichloroethene-d2	2.111	63	53760	2.762	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	55.200%#	
20) 2-Butanone-d5	3.892	46	67505	50.849	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	101.700%	
24) Chloroform-d	4.349	84	77352	4.022	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.400%	
26) 1,2-Dichloroethane-d4	5.037	65	40131	4.467	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.400%	
32) Benzene-d6	5.053	84	148848	4.228	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.600%	
36) 1,2-Dichloropropane-d6	6.072	67	45125	4.572	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.400%	
41) Toluene-d8	7.317	98	131114	3.986	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.800%	
43) trans-1,3-Dichloroprop...	7.625	79	16732	4.206	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.200%	
46) 2-Hexanone-d5	8.091	63	64958	49.143	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.280%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31737	4.468	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.400%	
66) 1,2-Dichlorobenzene-d4	11.625	152	52028	4.870	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.400%	
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	42625	3.658	ug/L	97
12) 1,1-Dichloroethene	2.121	96	1989	0.221	ug/L #	1
13) Acetone	2.185	43	4343m	3.636	ug/L	
17) Methyl tert-butyl Ether	2.770	73	11664	0.631	ug/L	97
18) trans-1,2-Dichloroethene	2.760	96	84967	8.277	ug/L	98
19) 1,1-Dichloroethane	3.195	63	9067	0.525	ug/L	90
22) cis-1,2-Dichloroethene	3.912	96	846827	86.016	ug/L	99
33) Benzene	5.104	78	5631	0.153	ug/L	100
34) Trichloroethene	5.911	95	415908	42.138	ug/L	98
47) Tetrachloroethene	7.979	164	10289	1.145	ug/L	98

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

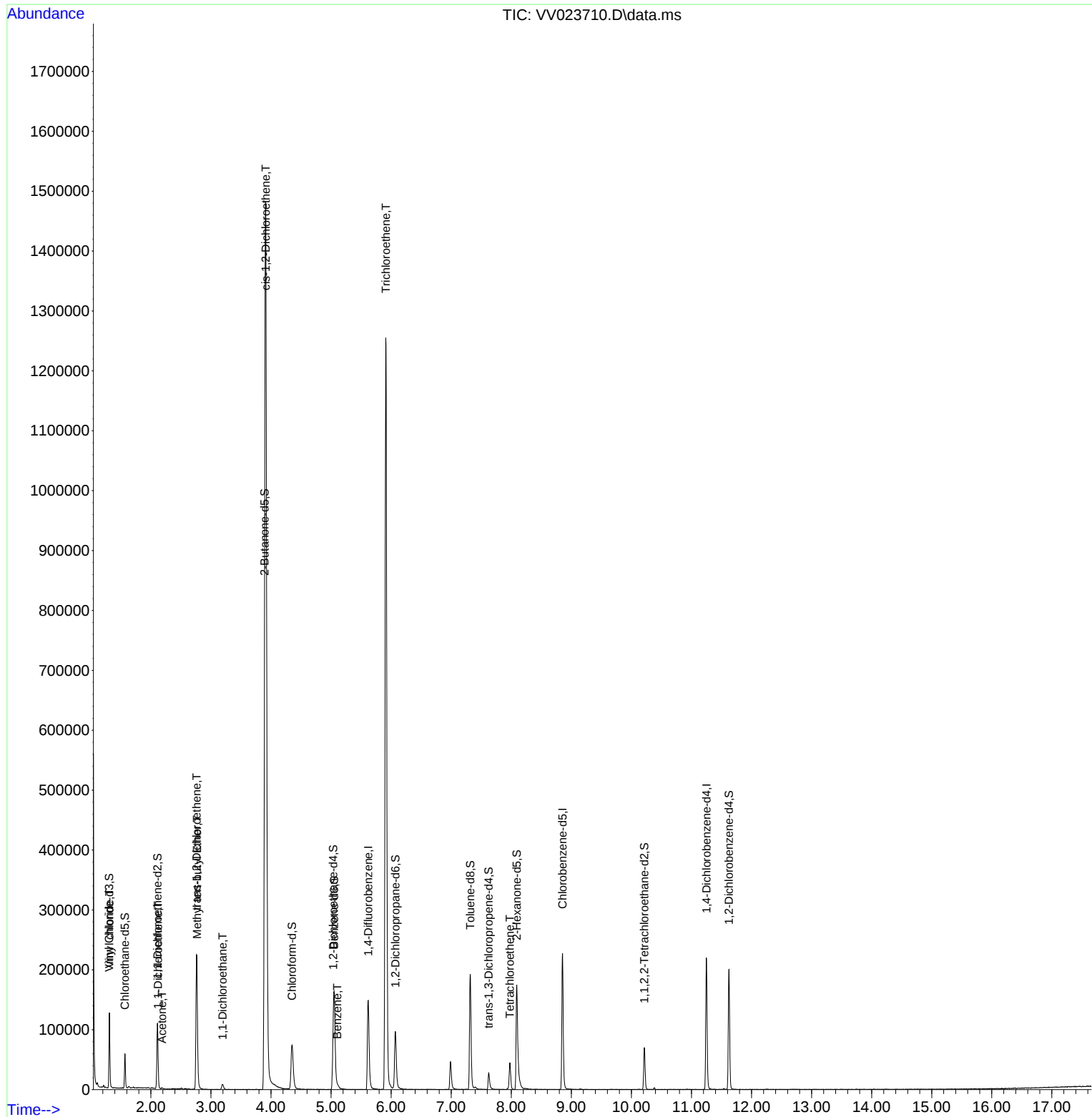
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112421\
Data File : VV023710.D
Acq On : 24 Nov 2021 19:03
Operator : SY/MD
Sample : M4821-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

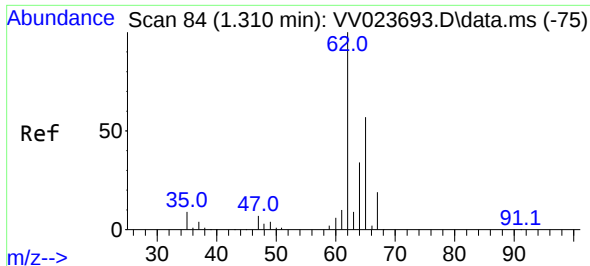
Instrument :
MSVOA_V
ClientSampleId :
H4666

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021

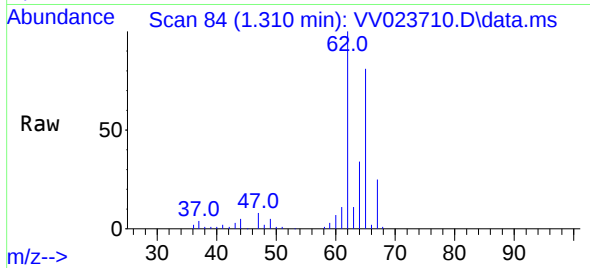
Quant Time: Nov 26 01:56:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 26 01:51:50 2021
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 3.658 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV023710.D
 Acq: 24 Nov 2021 19:03

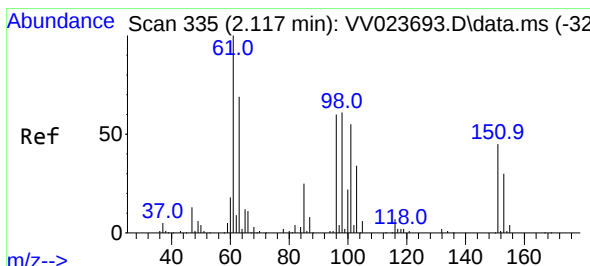
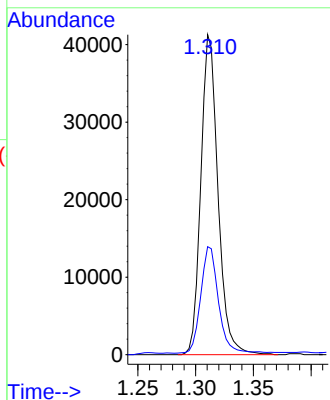
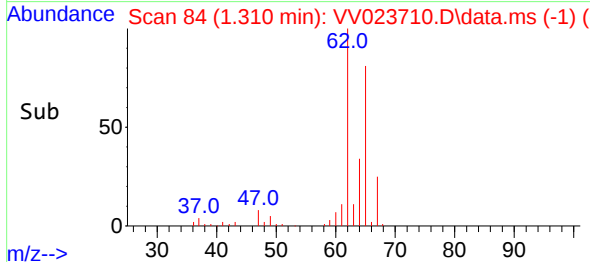
Instrument :
 MSVOA_V
 ClientSampleId :
 H4666



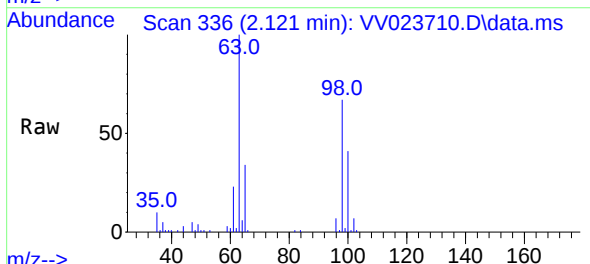
Tgt Ion: 62 Resp: 42625
 Ion Ratio Lower Upper
 62 100
 64 33.8 22.4 41.6

Manual Integrations
 APPROVED

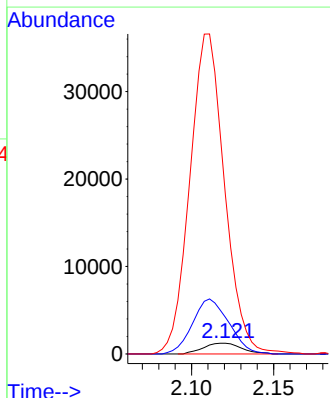
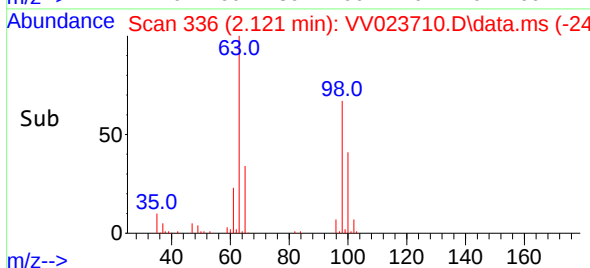
Reviewed By :John Carlone 11/26/2021
 Supervised By :Mahesh Dadoda 11/26/2021

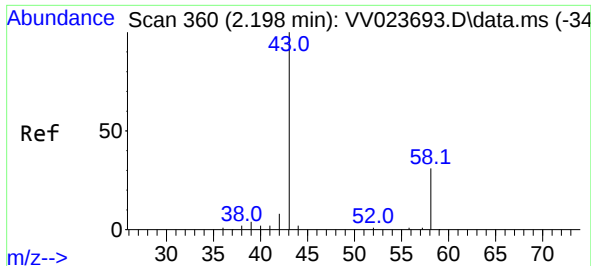


#12
 1,1-Dichloroethene
 Concen: 0.221 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV023710.D
 Acq: 24 Nov 2021 19:03



Tgt Ion: 96 Resp: 1989
 Ion Ratio Lower Upper
 96 100
 61 341.3 116.1 215.5#
 63 1483.2 79.4 147.4#





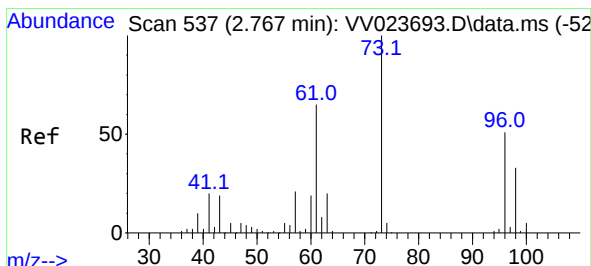
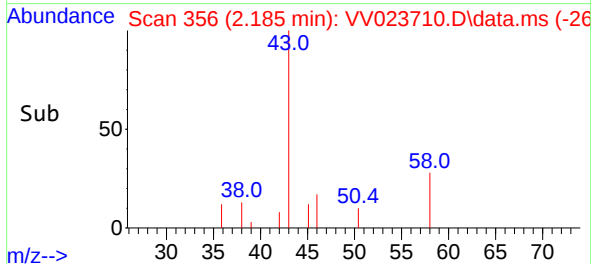
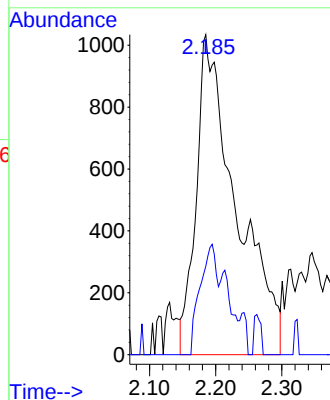
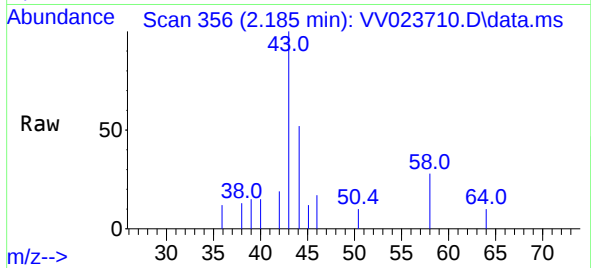
#13
Acetone
Concen: 3.636 ug/L m
RT: 2.185 min Scan# 3
Delta R.T. -0.013 min
Lab File: VV023710.D
Acq: 24 Nov 2021 19:03

Instrument :
MSVOA_V
ClientSampleId :
H4666

Tgt Ion: 43 Resp: 434
Ion Ratio Lower Upper
43 100
58 14.5 0.0 41.4

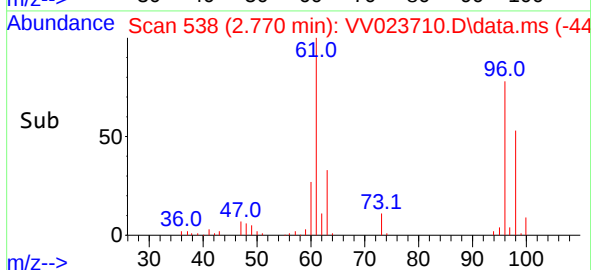
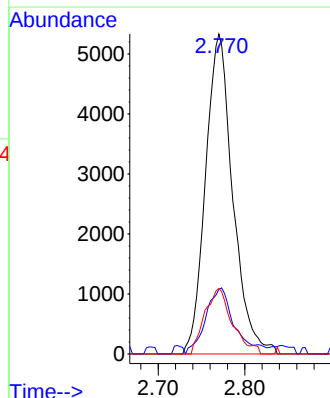
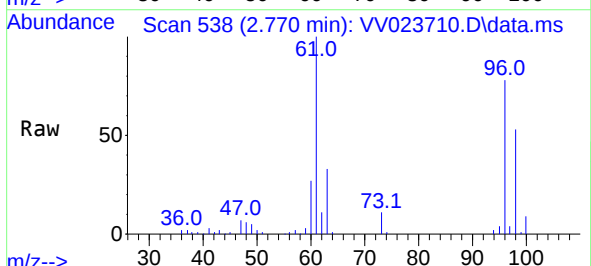
Manual Integrations
APPROVED

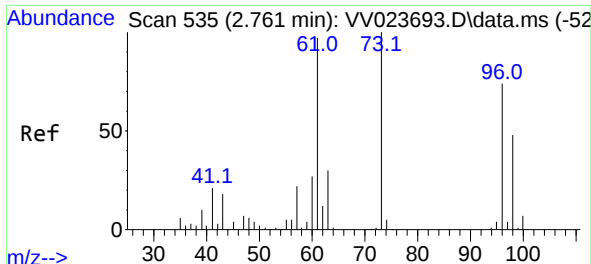
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#17
Methyl tert-butyl Ether
Concen: 0.631 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV023710.D
Acq: 24 Nov 2021 19:03

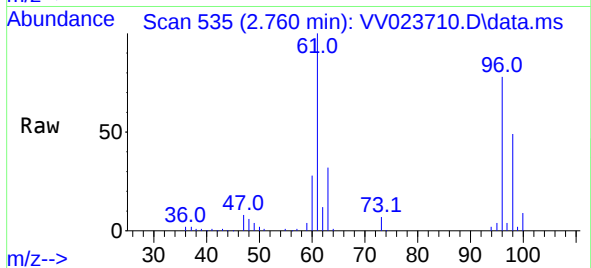
Tgt Ion: 73 Resp: 11664
Ion Ratio Lower Upper
73 100
43 21.8 15.5 23.3
57 20.6 17.1 25.7





#18
trans-1,2-Dichloroethene
Concen: 8.277 ug/L
RT: 2.760 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV023710.D
Acq: 24 Nov 2021 19:03

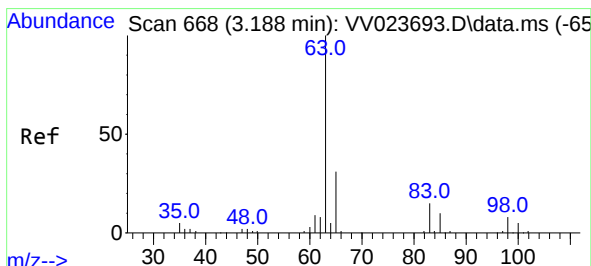
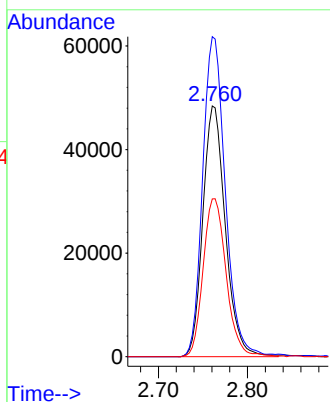
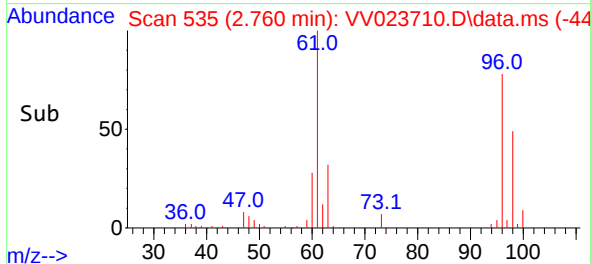
Instrument :
MSVOA_V
ClientSampleId :
H4666



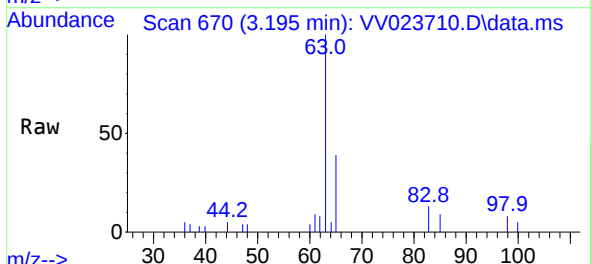
Tgt Ion: 96 Resp: 8496
Ion Ratio Lower Upper
96 100
61 127.6 88.2 163.8
98 62.9 44.9 83.5

Manual Integrations
APPROVED

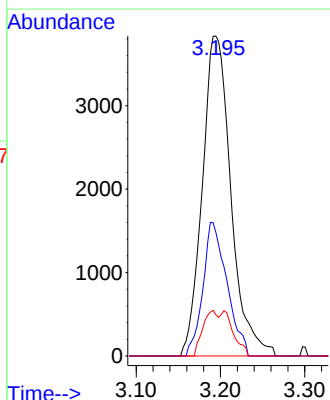
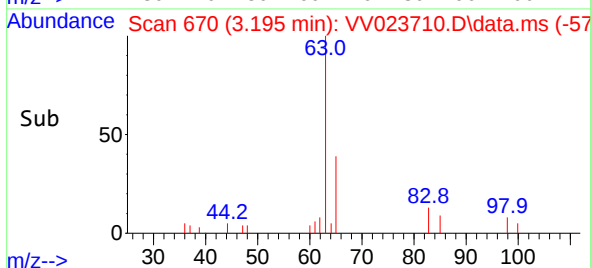
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021

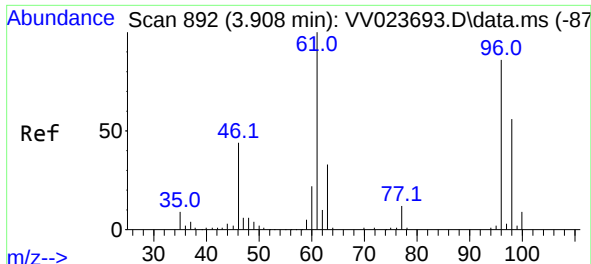


#19
1,1-Dichloroethane
Concen: 0.525 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.006 min
Lab File: VV023710.D
Acq: 24 Nov 2021 19:03



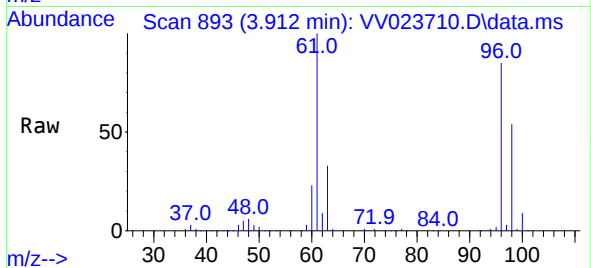
Tgt Ion: 63 Resp: 9067
Ion Ratio Lower Upper
63 100
65 38.8 22.3 41.3
83 12.9 10.7 19.9





#22
 cis-1,2-Dichloroethene
 Concen: 86.016 ug/L
 RT: 3.912 min Scan# 892
 Delta R.T. 0.003 min
 Lab File: VV023710.D
 Acq: 24 Nov 2021 19:03

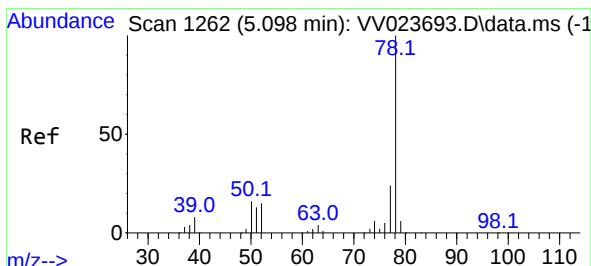
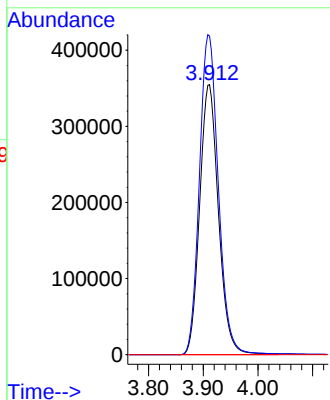
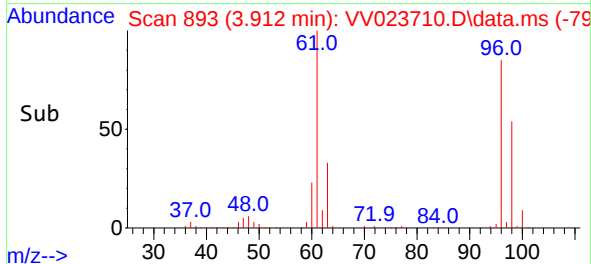
Instrument :
 MSVOA_V
 ClientSampleId :
 H4666



Tgt Ion: 96 Resp: 846827
 Ion Ratio Lower Upper
 96 100
 61 118.0 83.4 154.8
 68 0.0 0.0 0.0

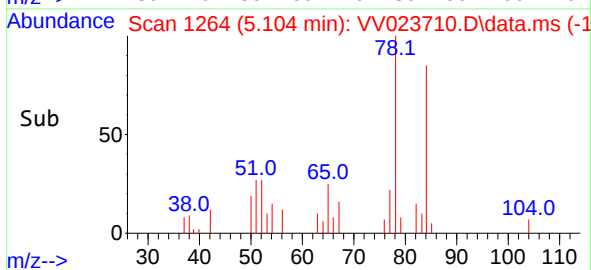
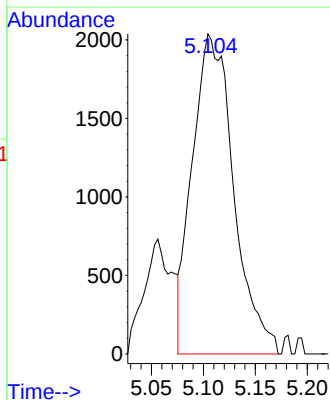
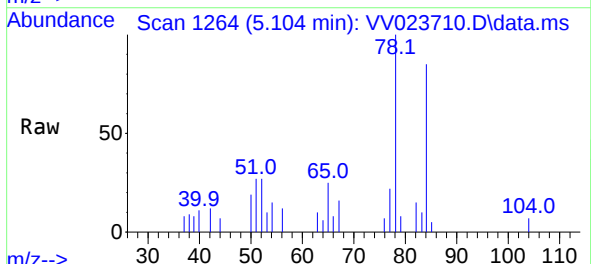
Manual Integrations
 APPROVED

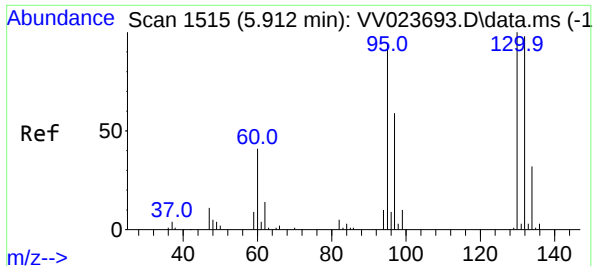
Reviewed By :John Carlone 11/26/2021
 Supervised By :Mahesh Dadoda 11/26/2021



#33
 Benzene
 Concen: 0.153 ug/L
 RT: 5.104 min Scan# 1264
 Delta R.T. 0.006 min
 Lab File: VV023710.D
 Acq: 24 Nov 2021 19:03

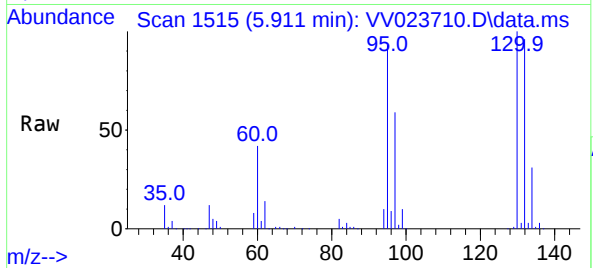
Tgt Ion: 78 Resp: 5631





#34
Trichloroethene
Concen: 42.138 ug/L
RT: 5.911 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV023710.D
Acq: 24 Nov 2021 19:03

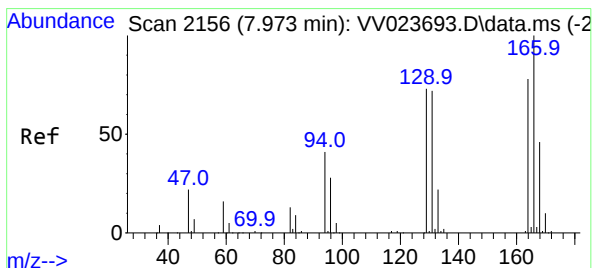
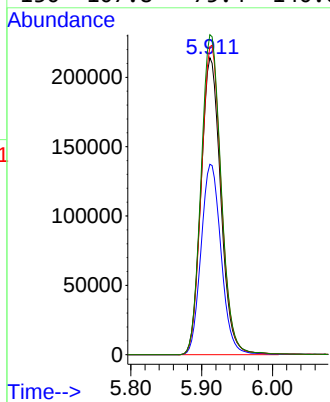
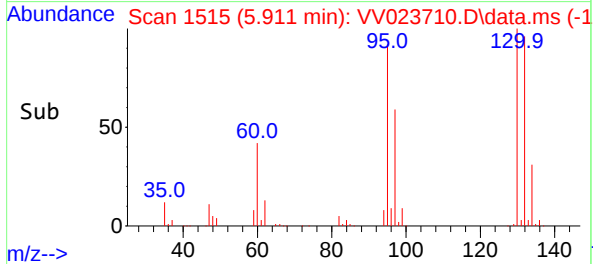
Instrument :
MSVOA_V
ClientSampleId :
H4666



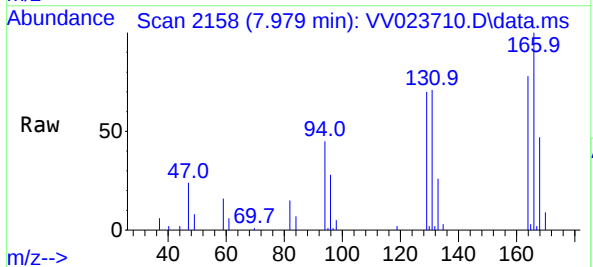
Tgt Ion: 95 Resp: 415908
Ion Ratio Lower Upper
95 100
97 64.1 45.2 84.0
132 103.8 76.1 141.3
130 107.8 75.4 140.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#47
Tetrachloroethene
Concen: 1.145 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.006 min
Lab File: VV023710.D
Acq: 24 Nov 2021 19:03



Tgt Ion:164 Resp: 10289
Ion Ratio Lower Upper
164 100
129 89.0 62.6 116.2
131 90.5 61.0 113.4
166 127.4 87.3 162.1

