

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV083118\
 Data File : VV007298.D
 Acq On : 31 Aug 2018 14:09
 Operator : SY/MD
 Sample : J4665-11
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA5

Quant Time: Sep 01 00:14:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM083118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 31 23:57:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	575582	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	554383	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	220168	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	203045	58.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	116.74%
7) Chloroethane-d5	1.58	69	144010	65.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	131.50%#
11) 1,1-Dichloroethene-d2	2.13	63	284453	44.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.10%
21) 2-Butanone-d5	3.96	46	332917	118.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.35%
24) Chloroform-d	4.40	84	422623	56.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.64%
26) 1,2-Dichloroethane-d4	5.09	65	264621	58.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.38%
32) Benzene-d6	5.10	84	872651	58.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.16%
36) 1,2-Dichloropropane-d6	6.12	67	293096	59.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	118.66%
41) Toluene-d8	7.36	98	744275	55.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.74%
43) trans-1,3-Dichloropropene-	7.67	79	122857	55.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	111.52%
47) 2-Hexanone-d5	8.15	63	210730	114.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.50%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	381789	56.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	113.48%
64) 1,2-Dichlorobenzene-d4	11.68	152	293597	66.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	132.74%#

Target Compounds

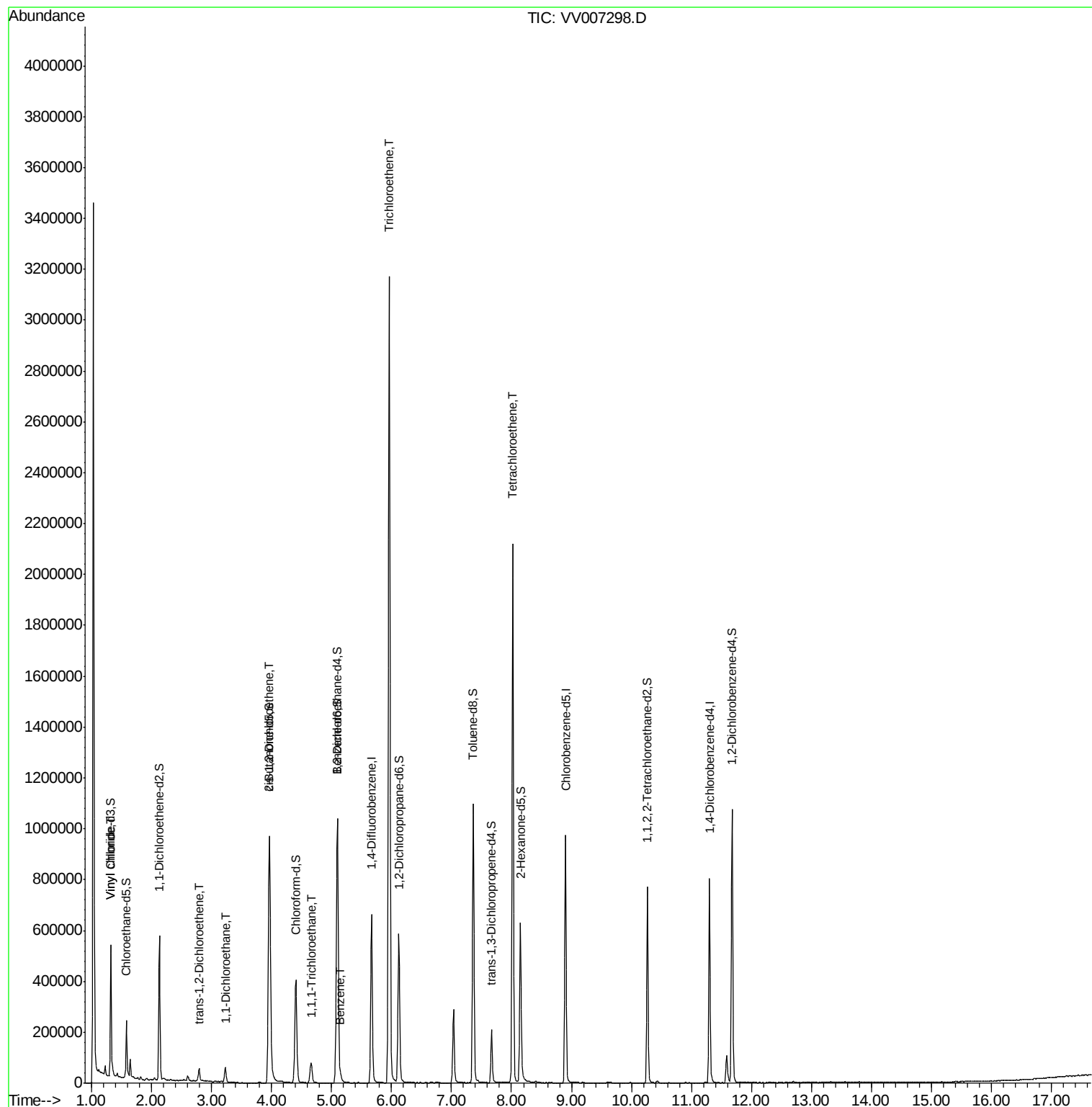
						Ovalue
5) Vinyl chloride	1.32	62	75522	16.19	ug/L	95
17) trans-1,2-Dichloroethene	2.79	96	18177	4.83	ug/L	98
19) 1,1-Dichloroethane	3.23	63	59032	7.76	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	463528	107.02	ug/L	98
30) 1,1,1-Trichloroethane	4.66	97	64384	10.20	ug/L	100
33) Benzene	5.15	78	24353	1.45	ug/L	100
34) Trichloroethene	5.96	95	1107280	272.16	ug/L	99
46) Tetrachloroethene	8.02	164	502129	147.22	ug/L	99

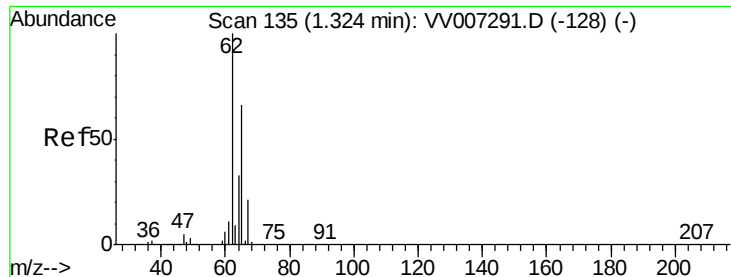
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 31 23:57:34 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 16.19 ug/L

RT: 1.32 min Scan# 135

Delta R.T. -0.00 min

Lab File: VV007298.D

Acq: 31 Aug 2018 14:09

Instrument :

MSVOA_V

ClientSampled :

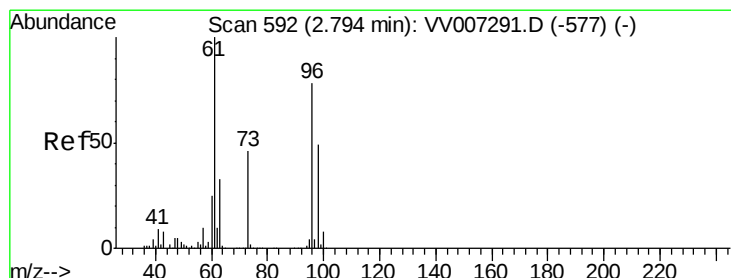
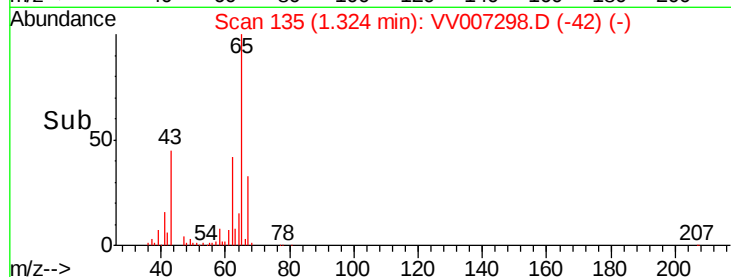
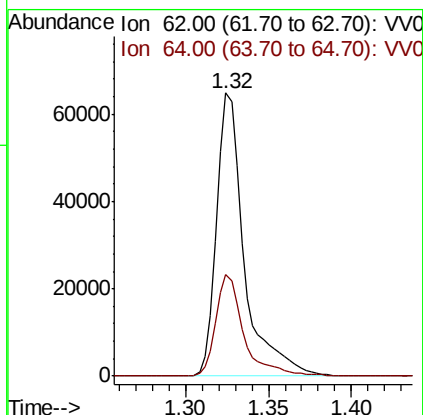
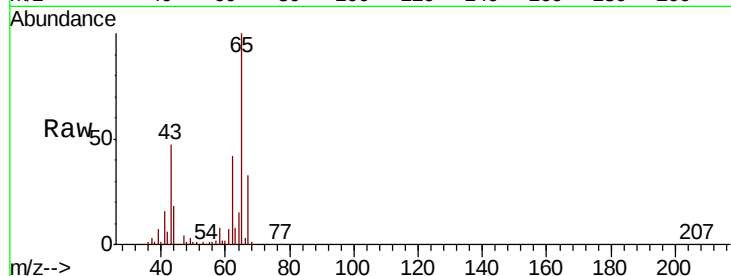
E0AA5

Tot Ion: 62 Resp: 75522

Ion Ratio Lower Upper

62 100

64 35.7 23.2 43.0



#17

trans-1,2-Dichloroethene

Concen: 4.83 ug/L

RT: 2.79 min Scan# 592

Delta R.T. -0.00 min

Lab File: VV007298.D

Acq: 31 Aug 2018 14:09

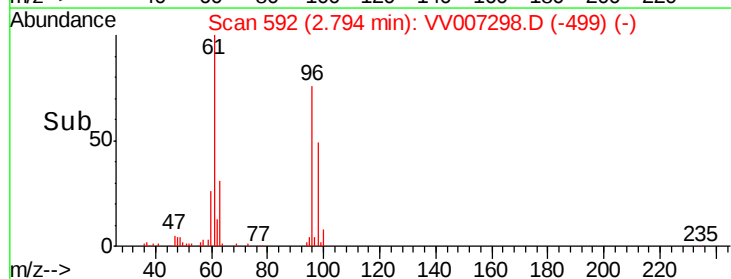
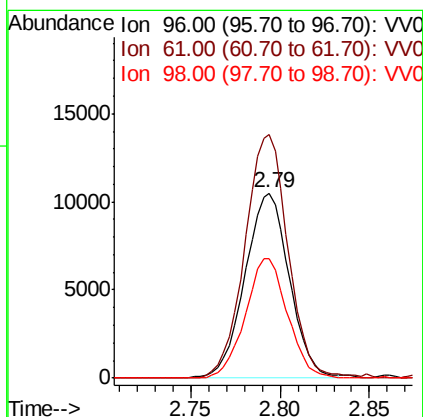
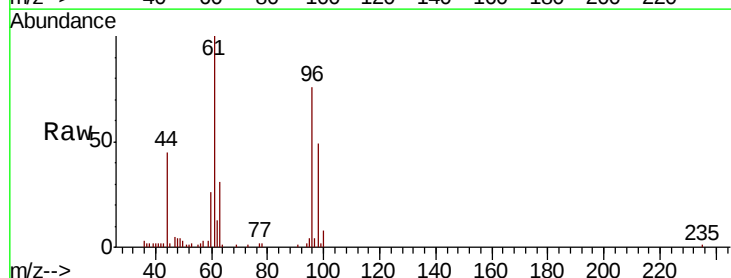
Tgt Ion: 96 Resp: 18177

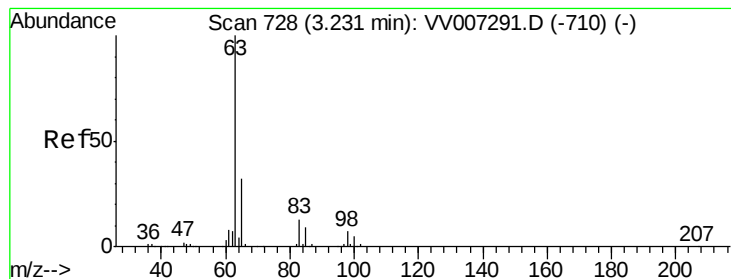
Ion Ratio Lower Upper

96 100

61 131.7 90.4 167.8

98 64.6 44.2 82.0





#19

1,1-Dichloroethane

Concen: 7.76 ug/L

RT: 3.23 min Scan# 728

Delta R.T. -0.00 min

Lab File: VV007298.D

Acq: 31 Aug 2018 14:09

Instrument :

MSVOA_V

ClientSampleId :

E0AA5

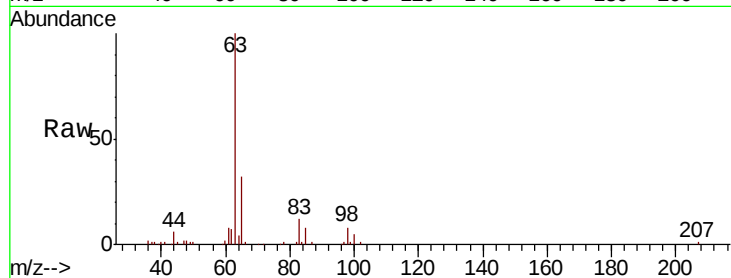
Tot Ion: 63 Resp: 59032

Ion Ratio Lower Upper

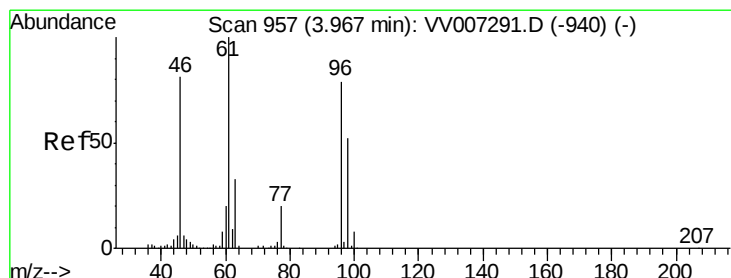
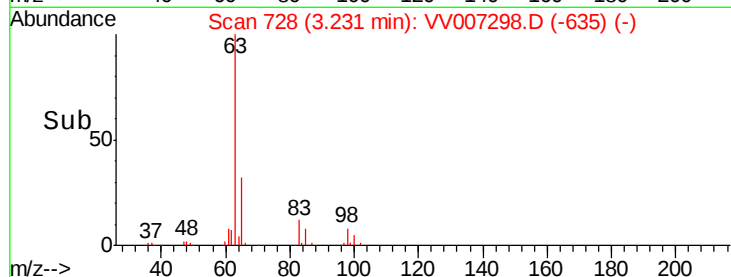
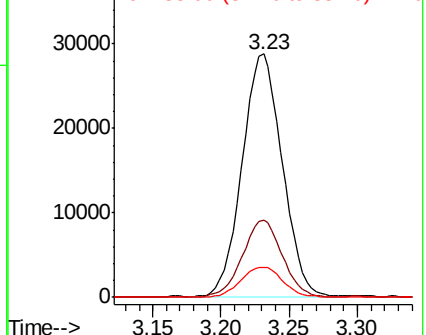
63 100

65 31.9 22.0 41.0

83 12.3 8.8 16.4



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 65.00 (64.70 to 65.70): VV0
Ion 83.00 (82.70 to 83.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 107.02 ug/L

RT: 3.96 min Scan# 956

Delta R.T. -0.00 min

Lab File: VV007298.D

Acq: 31 Aug 2018 14:09

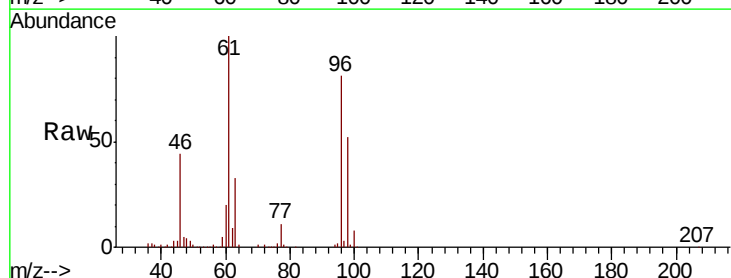
Tgt Ion: 96 Resp: 463528

Ion Ratio Lower Upper

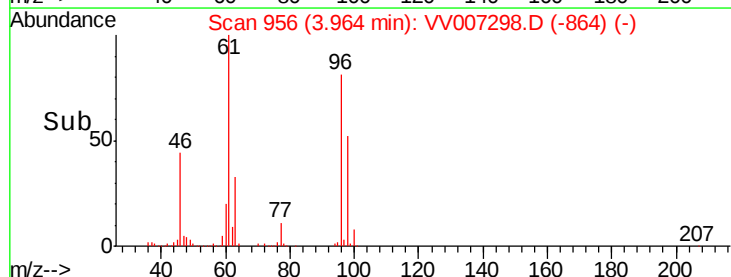
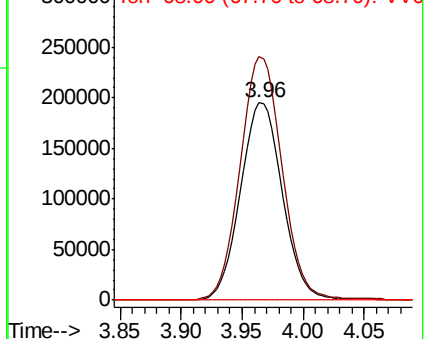
96 100

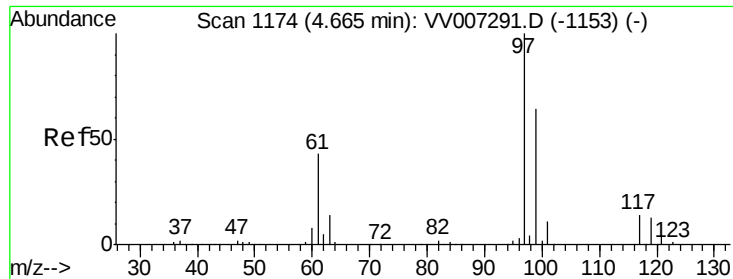
61 123.5 88.4 164.2

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 68.00 (67.70 to 68.70): VV0

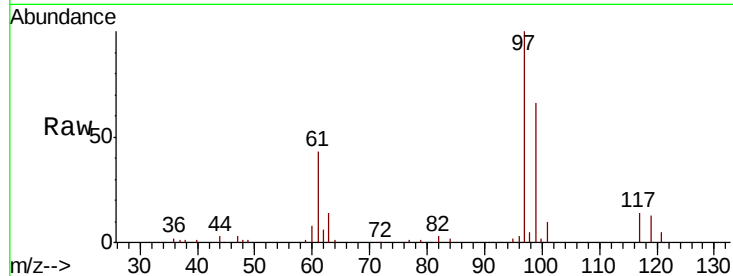




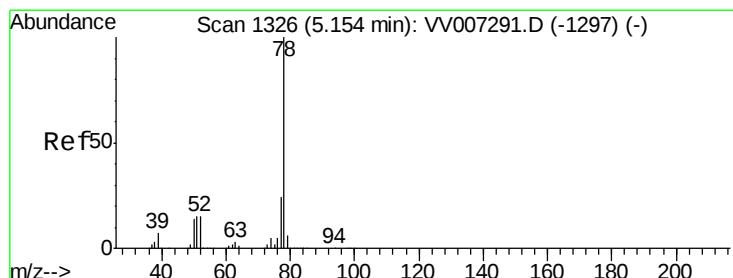
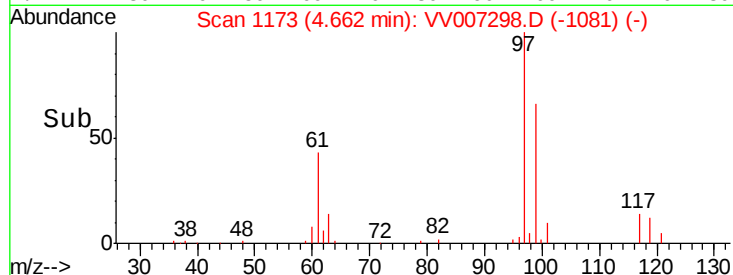
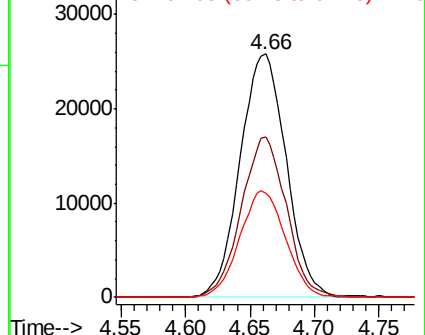
#30
 1,1,1-Trichloroethane
 Concen: 10.20 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: VV007298.D
 Acq: 31 Aug 2018 14:09

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA5

Tot Ion: 97 Resp: 64384
 Ion Ratio Lower Upper
 97 100
 99 63.9 51.4 77.0
 61 43.5 34.6 51.8

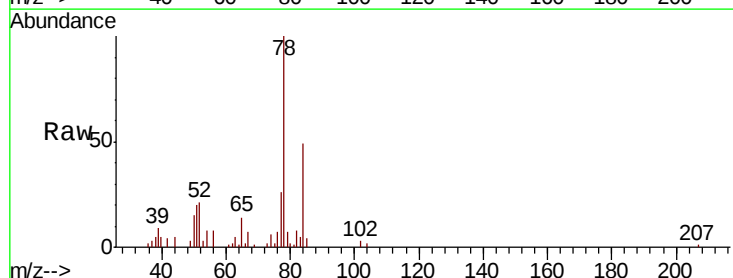


Abundance Ion 97.00 (96.70 to 97.70): VV0
 Ion 99.00 (98.70 to 99.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0

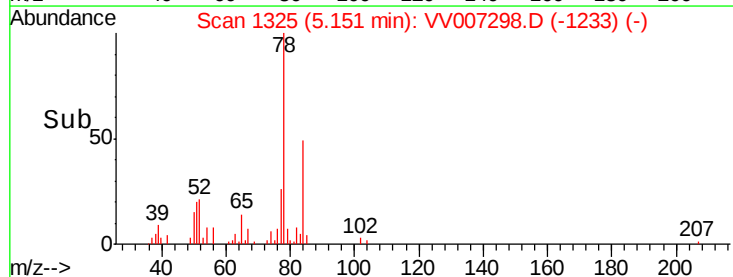
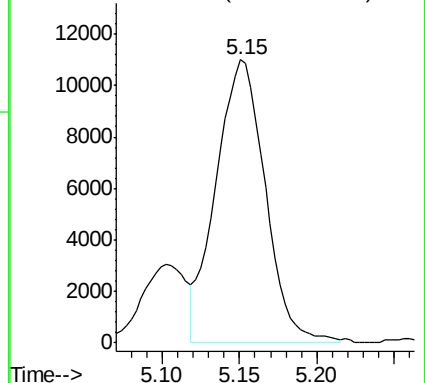


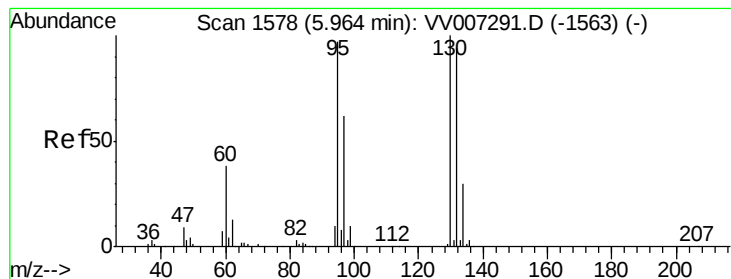
#33
 Benzene
 Concen: 1.45 ug/L
 RT: 5.15 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: VV007298.D
 Acq: 31 Aug 2018 14:09

Tgt Ion: 78 Resp: 24353



Abundance Ion 78.00 (77.70 to 78.70): VV0





#34

Trichloroethene

Concen: 272.16 ug/L

RT: 5.96 min Scan# 1577

Delta R.T. -0.00 min

Lab File: VV007298.D

Acq: 31 Aug 2018 14:09

Instrument :

MSVOA_V

ClientSampleId :

E0AA5

Tot Ion: 95 Resp: 1107280

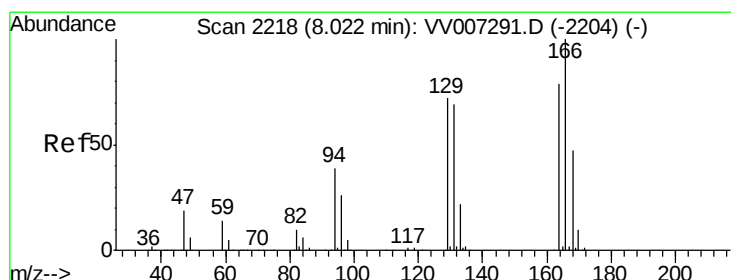
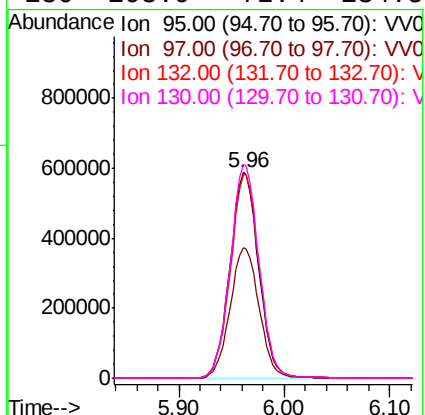
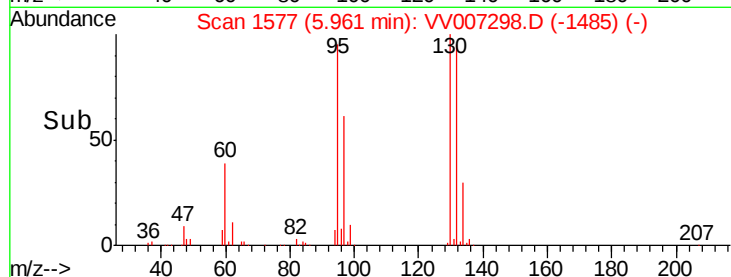
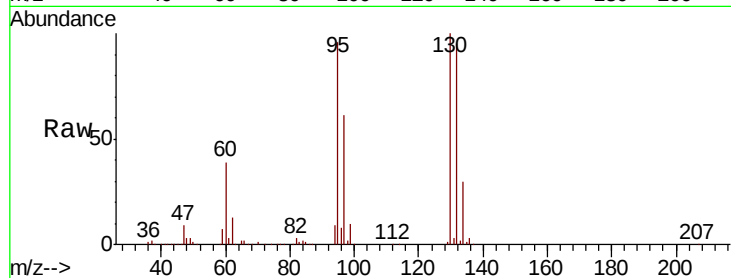
Ion Ratio Lower Upper

95 100

97 63.5 45.1 83.9

132 99.0 68.3 126.9

130 103.9 72.4 134.5



#46

Tetrachloroethene

Concen: 147.22 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VV007298.D

Acq: 31 Aug 2018 14:09

Tgt Ion:164 Resp: 502129

Ion Ratio Lower Upper

164 100

129 89.8 64.5 119.7

131 87.3 61.2 113.8

166 127.8 89.1 165.5

