

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082018\
 Data File : VV007092.D
 Acq On : 21 Aug 2018 00:26
 Operator : SY/MD
 Sample : J4515-03
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0326

Quant Time: Aug 21 07:14:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 21 05:25:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	222730	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	216999	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	77346	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	71843	5.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.00%
7) Chloroethane-d5	1.58	69	69487	5.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.00%
11) 1,1-Dichloroethene-d2	2.14	63	1318668	48.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	977.40%#
20) 2-Butanone-d5	3.97	46	229692	55.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.10%
24) Chloroform-d	4.41	84	164064	5.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.60%
26) 1,2-Dichloroethane-d4	5.09	65	86991	5.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.20%
32) Benzene-d6	5.10	84	315095	5.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.00%
36) 1,2-Dichloropropane-d6	6.12	67	104686	5.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.80%
41) Toluene-d8	7.37	98	209012	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	7.67	79	19392	2.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	58.40%
46) 2-Hexanone-d5	8.15	63	78877	29.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	58.18%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	81279	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	75851	5.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.80%

Target Compounds

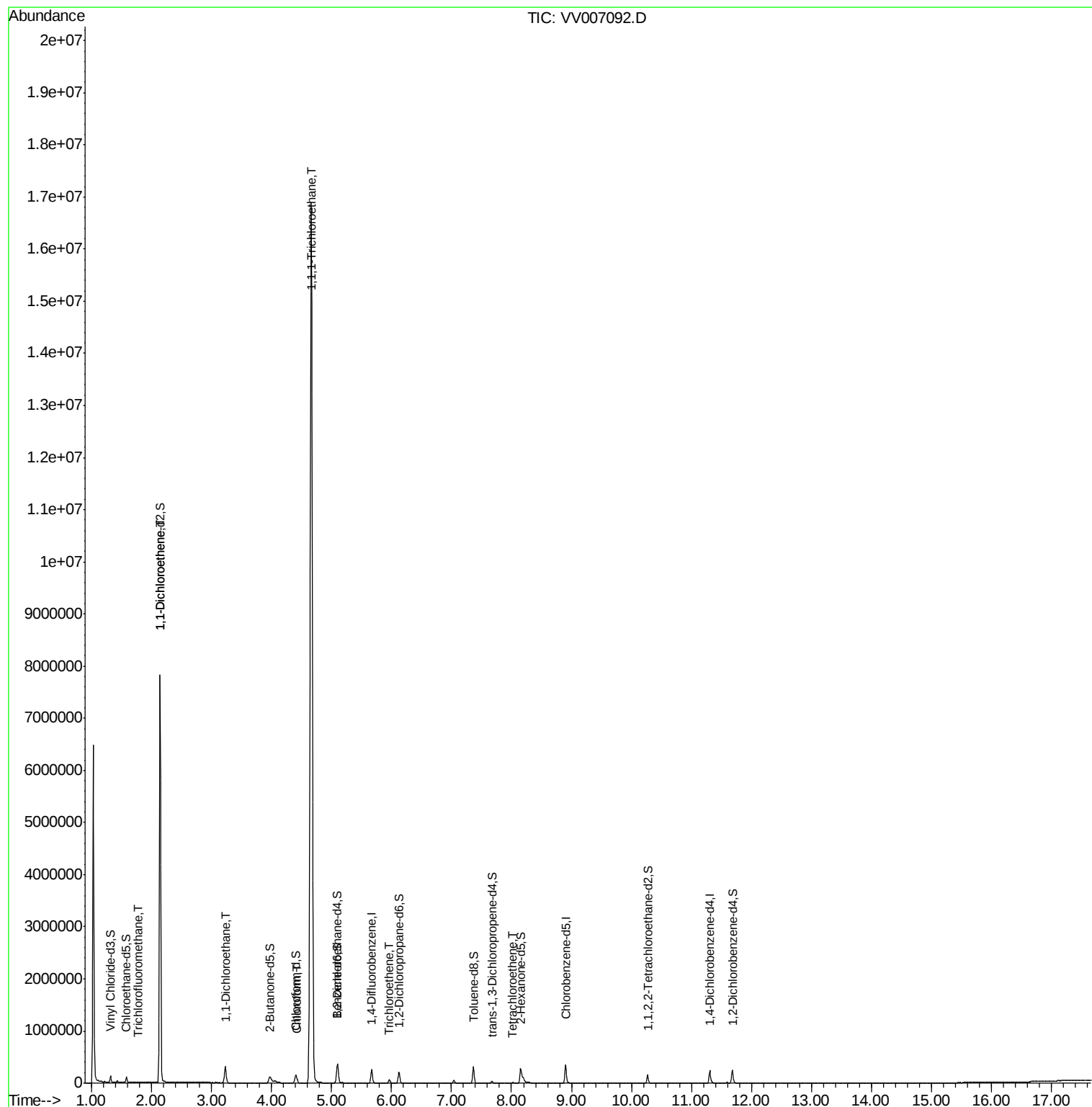
						Ovalue
9) Trichlorofluoromethane	1.77	101	6936	0.25	ug/L	98
12) 1,1-Dichloroethene	2.14	96	2466338	154.20	ug/L #	68
19) 1,1-Dichloroethane	3.23	63	313486	10.14	ug/L	98
25) Chloroform	4.43	83	6816	0.20	ug/L	92
29) 1,1,1-Trichloroethane	4.66	97	13519866	467.26	ug/L	98
34) Trichloroethene	5.96	95	20554	1.14	ug/L	94
47) Tetrachloroethene	8.02	164	3121	0.21	ug/L	81

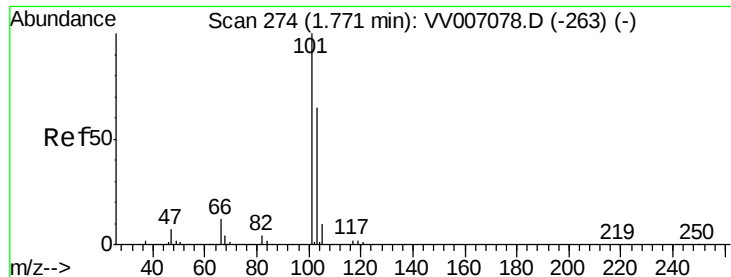
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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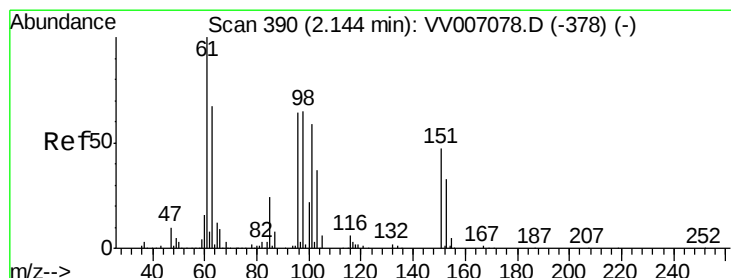
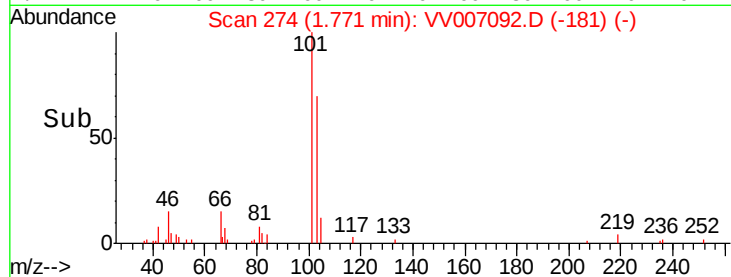
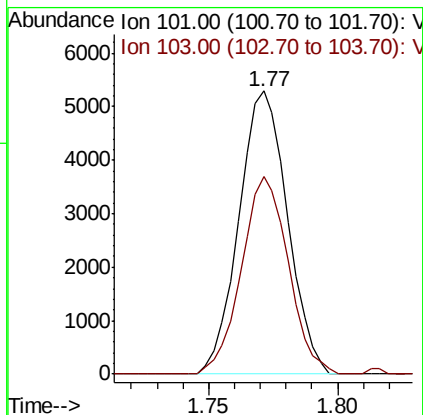
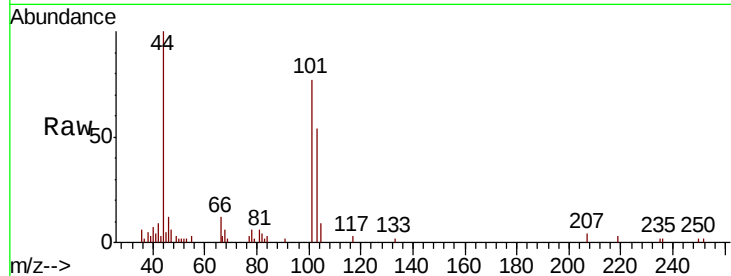


#9

Trichlorofluoromethane
 Concen: 0.25 ug/L
 RT: 1.77 min Scan# 274
 Delta R.T. -0.00 min
 Lab File: VV007092.D
 Acq: 21 Aug 2018 00:26

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 MSVOA_V
 ClientSampleId :
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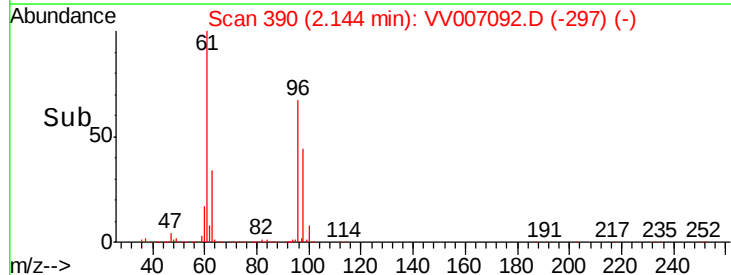
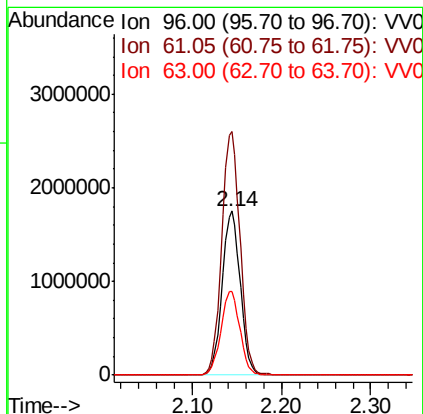
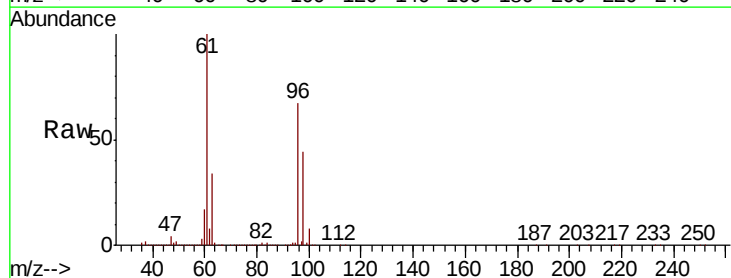
Tot Ion:101 Resp: 6936
 Ion Ratio Lower Upper
 101 100
 103 67.3 52.7 79.1

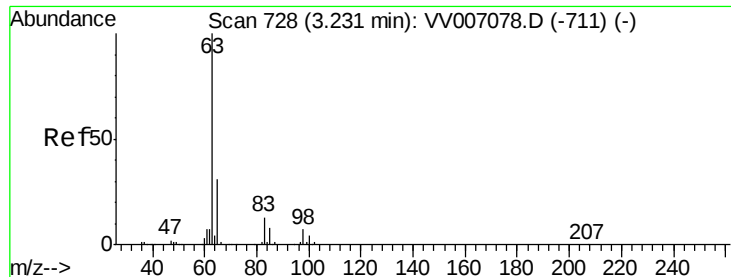


#12

1,1-Dichloroethene
 Concen: 154.20 ug/L
 RT: 2.14 min Scan# 390
 Delta R.T. -0.00 min
 Lab File: VV007092.D
 Acq: 21 Aug 2018 00:26

Tgt Ion: 96 Resp: 2466338
 Ion Ratio Lower Upper
 96 100
 61 148.6 111.6 207.4
 63 51.1 84.9 157.7#





#19

1,1-Dichloroethane

Concen: 10.14 ug/L

RT: 3.23 min Scan# 728

Delta R.T. -0.00 min

Lab File: VV007092.D

Acq: 21 Aug 2018 00:26

Instrument :

MSVOA_V

ClientSampleId :

C0326

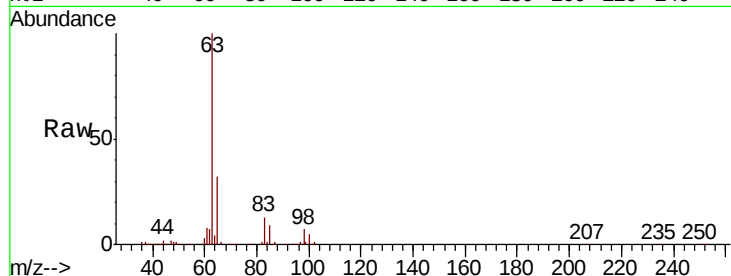
Tot Ion: 63 Resp: 313486

Ion Ratio Lower Upper

63 100

65 31.6 21.7 40.3

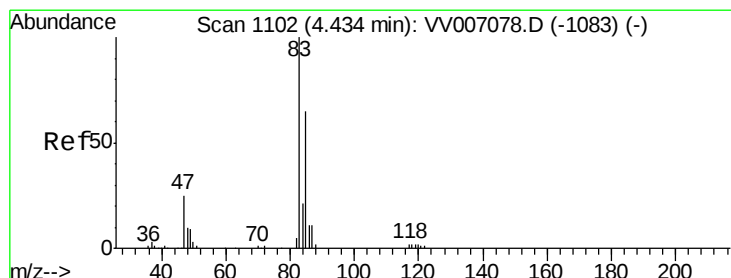
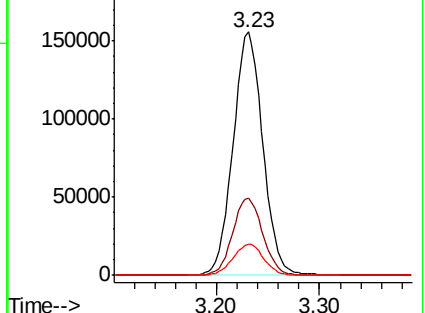
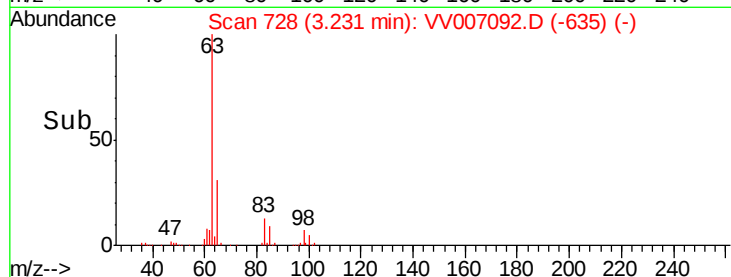
83 12.7 10.0 18.6



Abundance Ion 63.10 (62.80 to 63.80): VV007092.D (-635) (-)

Ion 65.10 (64.80 to 65.80): VV007092.D (-635) (-)

Ion 83.05 (82.75 to 83.75): VV007092.D (-635) (-)



#25

Chloroform

Concen: 0.20 ug/L

RT: 4.43 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VV007092.D

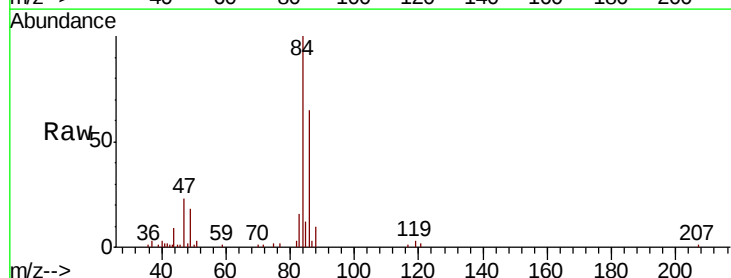
Acq: 21 Aug 2018 00:26

Tgt Ion: 83 Resp: 6816

Ion Ratio Lower Upper

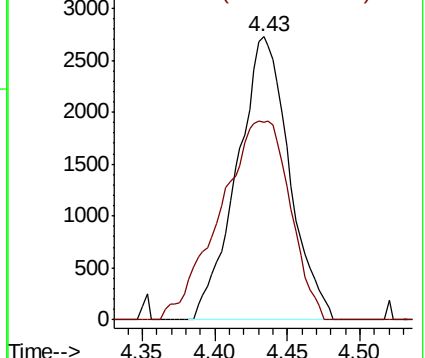
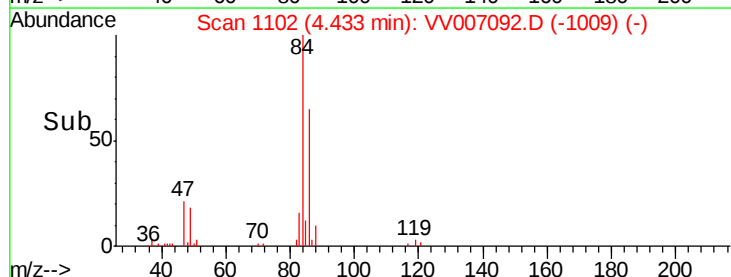
83 100

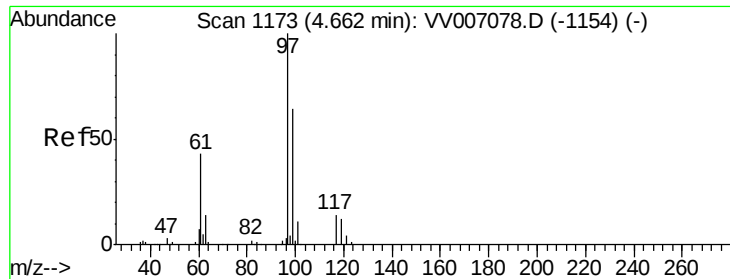
85 70.0 44.7 82.9



Abundance Ion 83.05 (82.75 to 83.75): VV007092.D (-1009) (-)

Ion 85.00 (84.70 to 85.70): VV007092.D (-1009) (-)



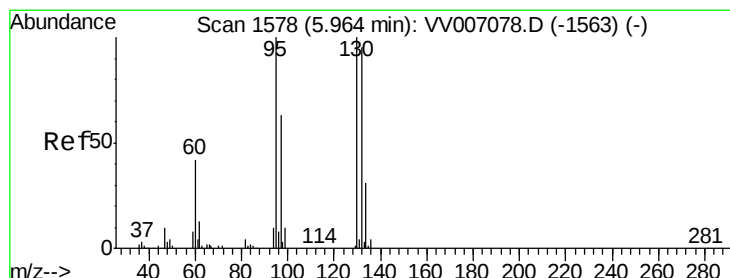
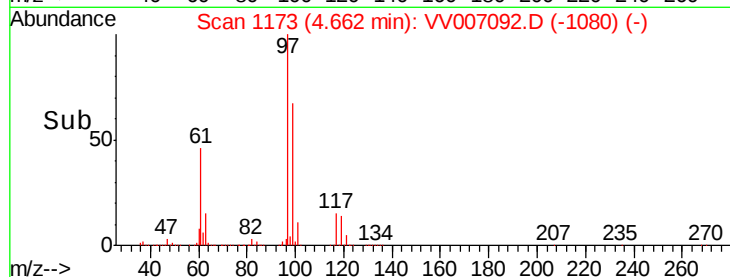
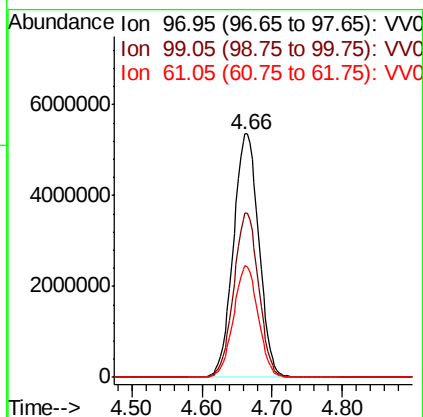
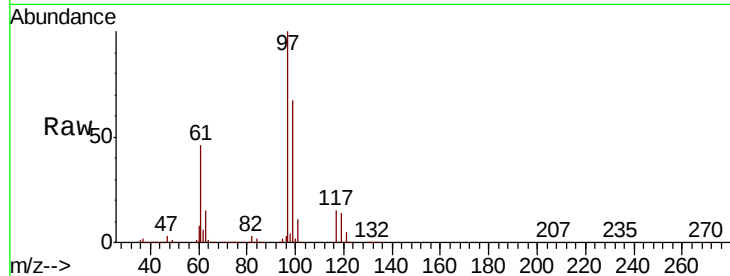


#29
 1,1,1-Trichloroethane
 Concen: 467.26 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: VV007092.D
 Acq: 21 Aug 2018 00:26

Instrument :
 MSVOA_V
 ClientSampleId :
 C0326

Tot Ion: 97 Resp:13519866

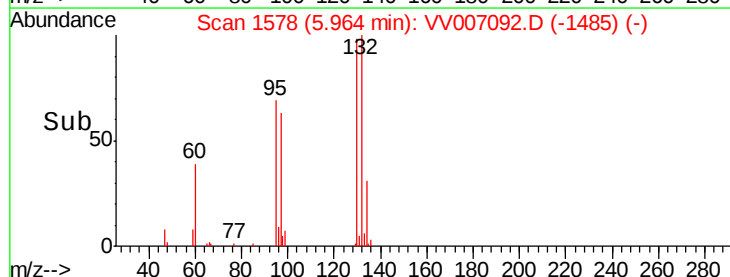
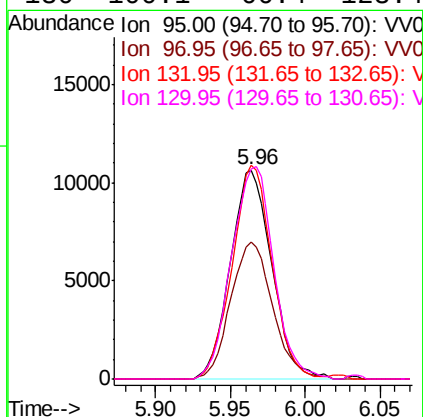
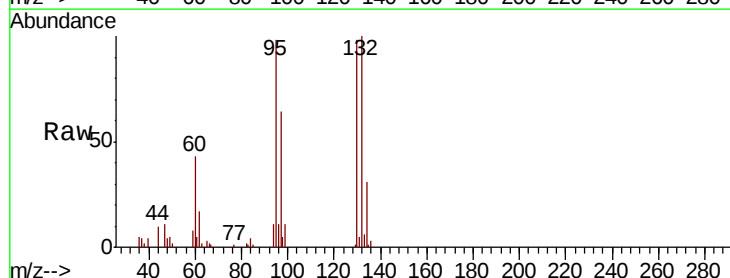
Ion	Ratio	Lower	Upper
97	100		
99	66.2	51.0	76.6
61	44.6	36.6	54.8

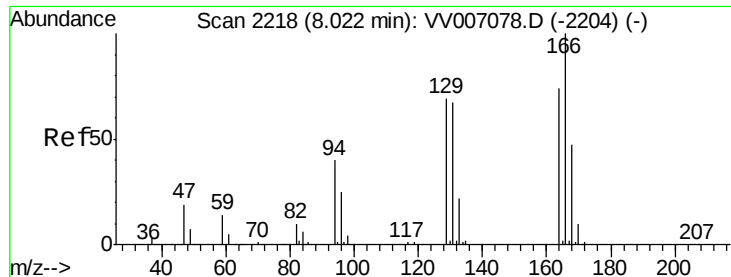


#34
 Trichloroethene
 Concen: 1.14 ug/L
 RT: 5.96 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: VV007092.D
 Acq: 21 Aug 2018 00:26

Tgt Ion: 95 Resp: 20554

Ion	Ratio	Lower	Upper
95	100		
97	65.3	44.8	83.2
132	102.1	65.5	121.6
130	100.1	66.4	123.4





#47

Tetrachloroethene

Concen: 0.21 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VV007092.D

Acq: 21 Aug 2018 00:26

Instrument :
MSVOA_V
ClientSampleId :
C0326

Tot Ion:164 Resp: 3121

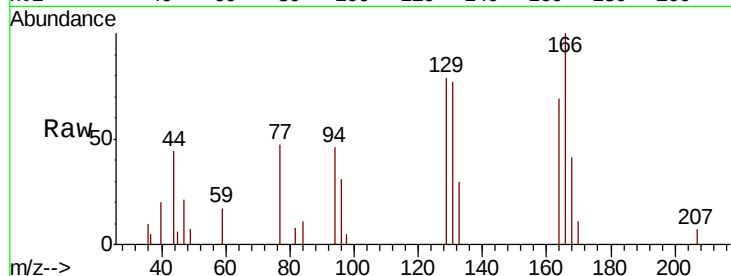
Ion Ratio Lower Upper

164 100

129 115.5 65.9 122.3

131 112.4 64.2 119.2

166 145.9 89.4 166.0



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

