

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082018\
 Data File : VV007082.D
 Acq On : 20 Aug 2018 20:00
 Operator : SY/MD
 Sample : J4488-16
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0345

Quant Time: Aug 21 05:58:42 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	236062	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	223945	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	83767	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	81730	5.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.20%
7) Chloroethane-d5	1.59	69	73064	5.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.00%
11) 1,1-Dichloroethene-d2	2.14	63	4635406	162.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	3242.00%#
20) 2-Butanone-d5	3.97	46	214916	49.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.08%
24) Chloroform-d	4.40	84	175412	5.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.40%
26) 1,2-Dichloroethane-d4	5.09	65	88833	5.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.80%
32) Benzene-d6	5.10	84	345700	6.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	120.20%
36) 1,2-Dichloropropane-d6	6.13	67	114171	5.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.20%
41) Toluene-d8	7.37	98	246355	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
43) trans-1,3-Dichloropropene-	7.67	79	22089	3.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.60%
46) 2-Hexanone-d5	8.15	63	79887	28.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	57.10%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	78004	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	83366	5.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.40%

Target Compounds

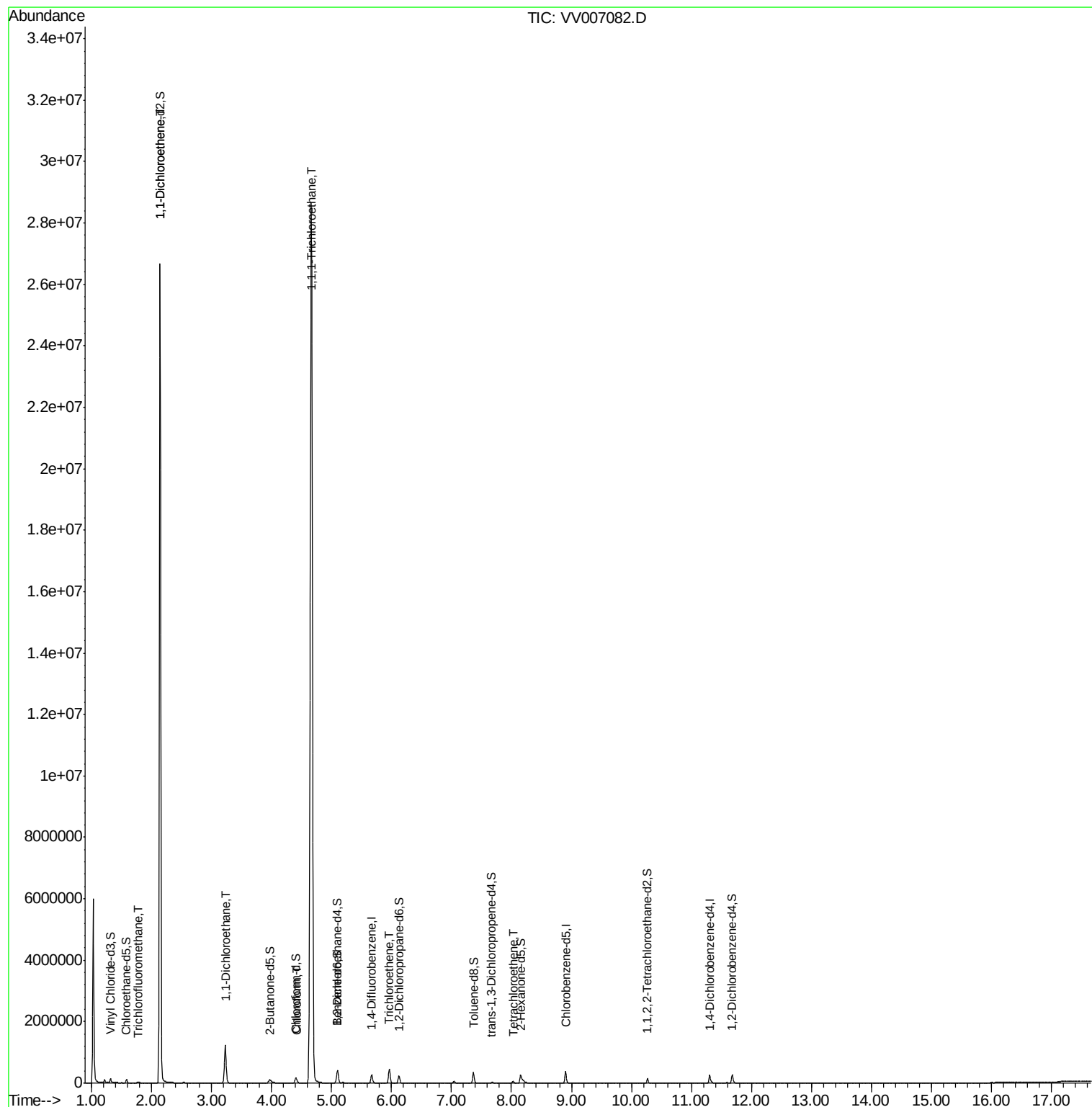
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.77	101	12682	0.44	ug/L	92
12) 1,1-Dichloroethene	2.14	96	8768408	517.27	ug/L	# 63
19) 1,1-Dichloroethane	3.23	63	1264101	38.58	ug/L	98
25) Chloroform	4.43	83	14825	0.41	ug/L	97
29) 1,1,1-Trichloroethane	4.67	97	22278649	746.08	ug/L	95
34) Trichloroethene	5.96	95	163414	8.78	ug/L	94
47) Tetrachloroethene	8.02	164	15759	1.04	ug/L	97

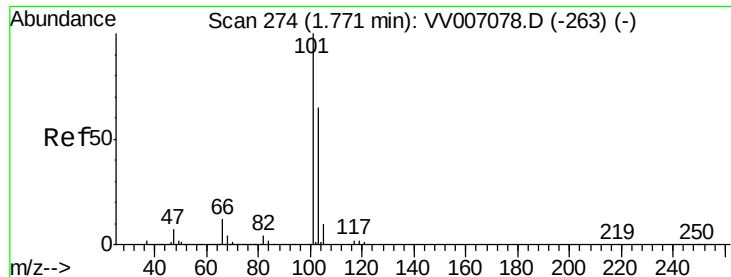
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 0.44 ug/L

RT: 1.77 min Scan# 274

Delta R.T. 0.00 min

Lab File: VV007082.D

Acq: 20 Aug 2018 20:00

Instrument :

MSVOA_V

ClientSampled :

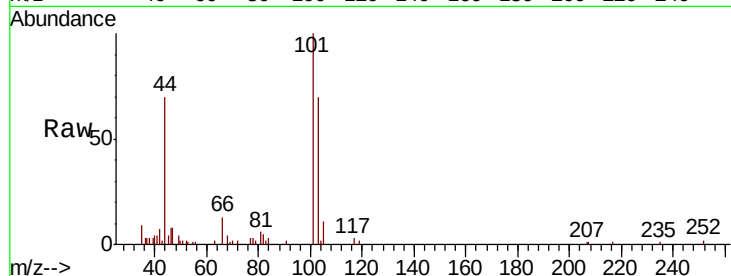
C0345

Tot Ion:101 Resp: 12682

Ion Ratio Lower Upper

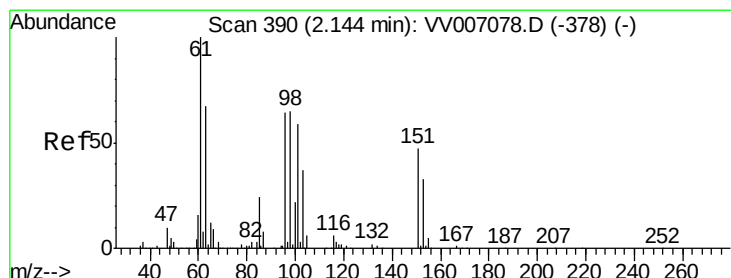
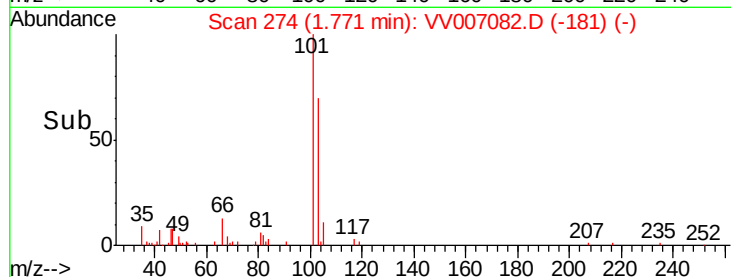
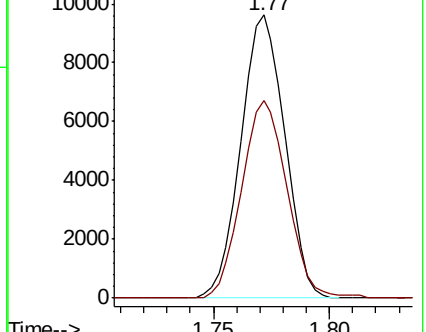
101 100

103 72.3 52.7 79.1



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#12

1,1-Dichloroethene

Concen: 517.27 ug/L

RT: 2.14 min Scan# 390

Delta R.T. 0.00 min

Lab File: VV007082.D

Acq: 20 Aug 2018 20:00

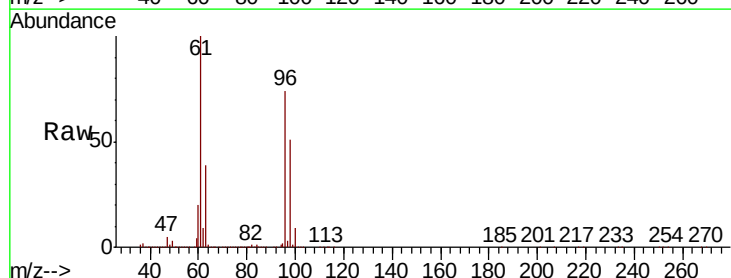
Tgt Ion: 96 Resp: 8768408

Ion Ratio Lower Upper

96 100

61 135.0 111.6 207.4

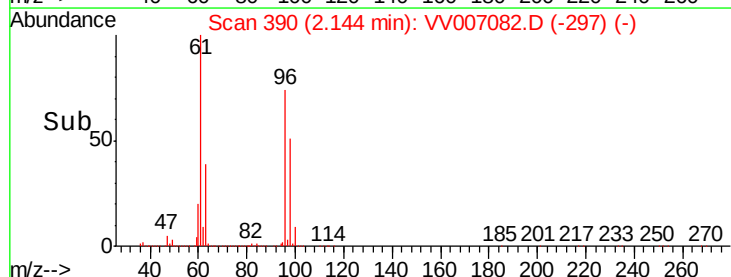
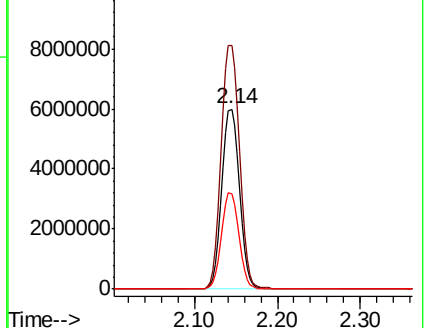
63 53.1 84.9 157.7#

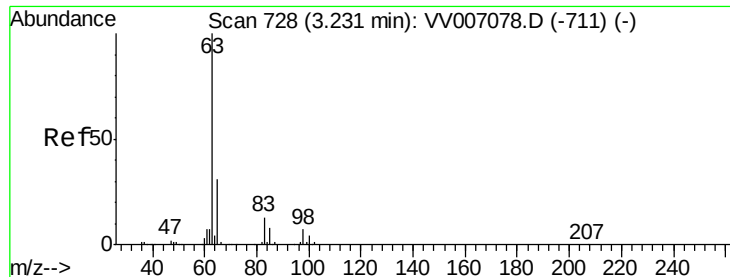


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0



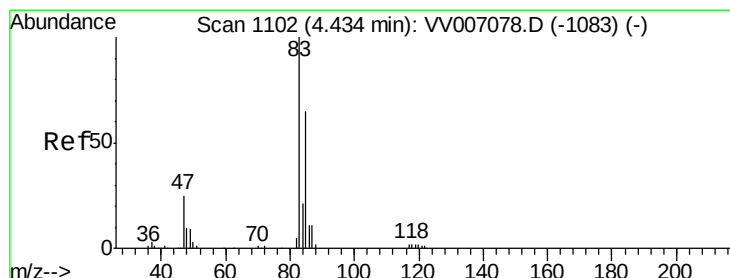
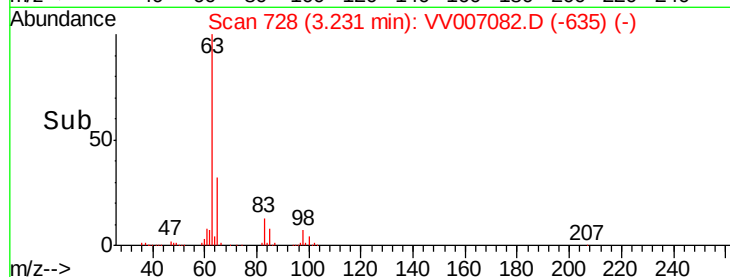
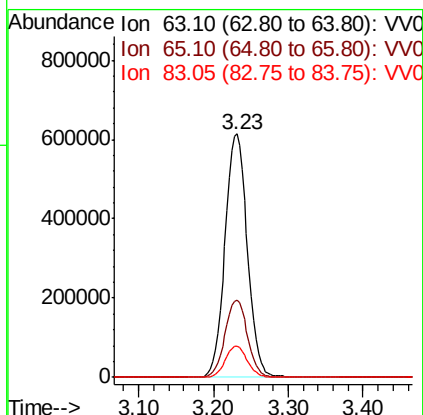
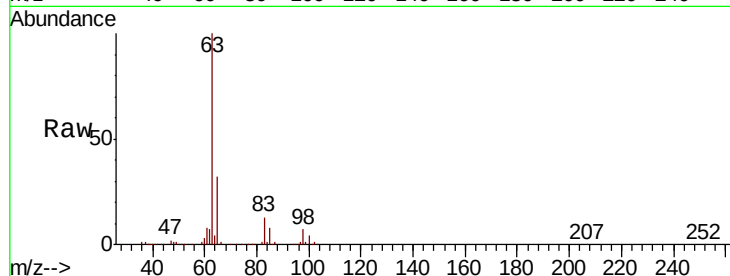


#19
 1,1-Dichloroethane
 Concen: 38.58 ug/L
 RT: 3.23 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VV007082.D
 Acq: 20 Aug 2018 20:00

Instrument :
 MSVOA_V
 ClientSampleId :
 C0345

Tot Ion: 63 Resp: 1264101

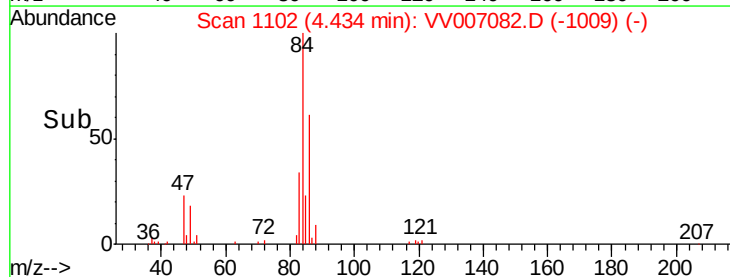
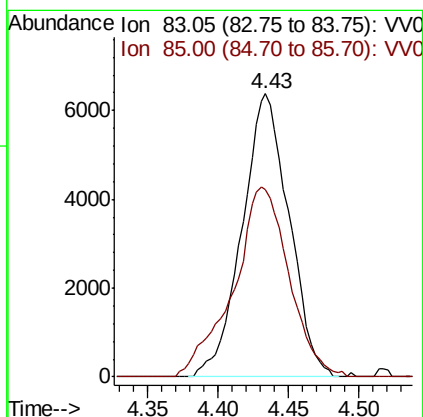
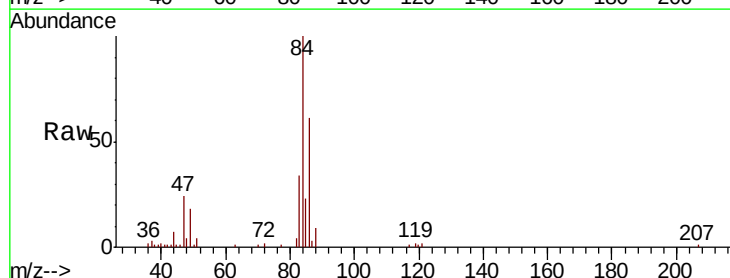
Ion	Ratio	Lower	Upper
63	100		
65	31.6	21.7	40.3
83	13.0	10.0	18.6

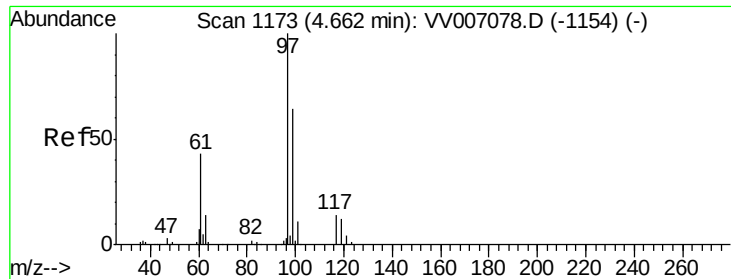


#25
 Chloroform
 Concen: 0.41 ug/L
 RT: 4.43 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VV007082.D
 Acq: 20 Aug 2018 20:00

Tgt Ion: 83 Resp: 14825

Ion	Ratio	Lower	Upper
83	100		
85	66.2	44.7	82.9

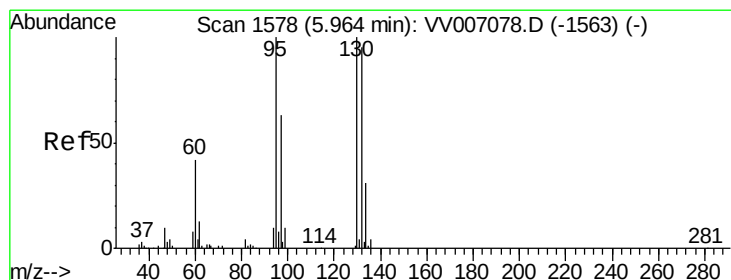
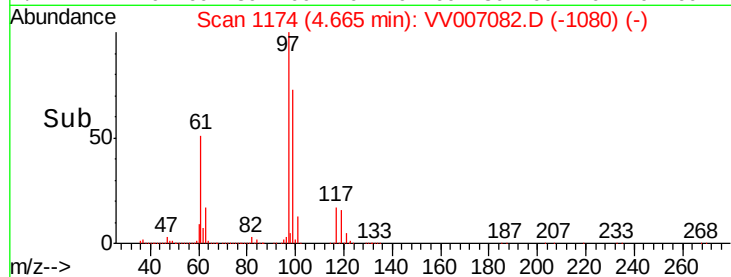
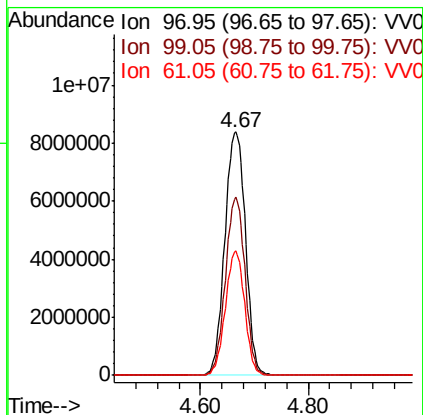
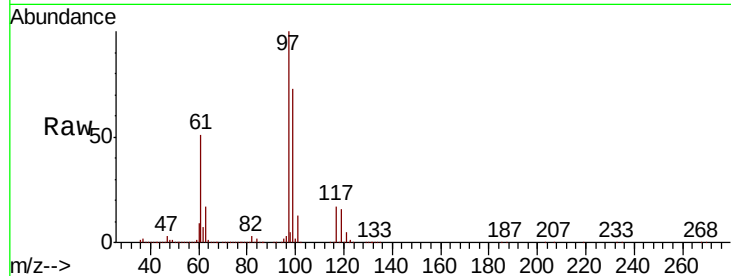




#29
1,1,1-Trichloroethane
Concen: 746.08 ug/L
RT: 4.67 min Scan# 1174
Delta R.T. 0.00 min
Lab File: VV007082.D
Acq: 20 Aug 2018 20:00

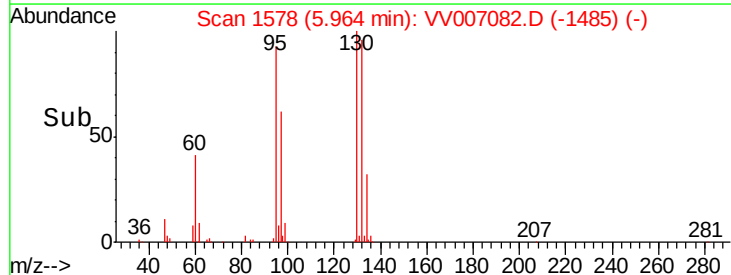
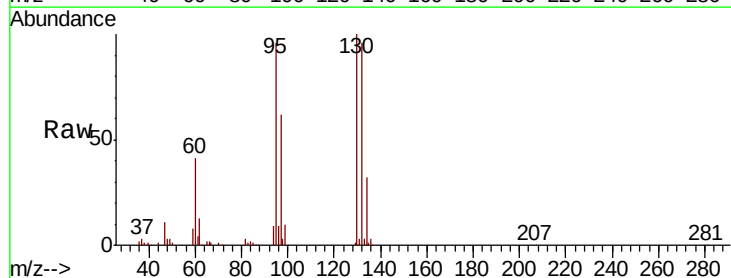
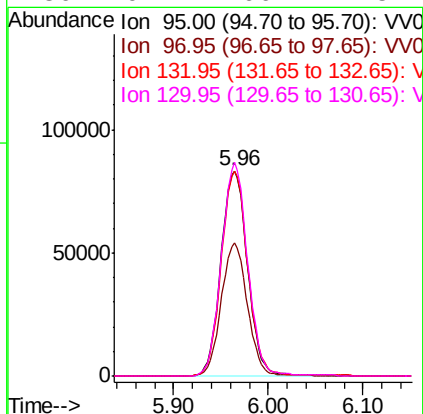
Instrument :
MSVOA_V
ClientSampled :
C0345

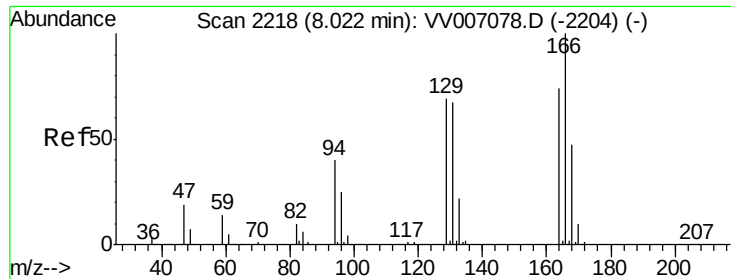
Tot Ion: 97 Resp: 22278649
Ion Ratio Lower Upper
97 100
99 69.3 51.0 76.6
61 47.7 36.6 54.8



#34
Trichloroethene
Concen: 8.78 ug/L
RT: 5.96 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VV007082.D
Acq: 20 Aug 2018 20:00

Tgt Ion: 95 Resp: 163414
Ion Ratio Lower Upper
95 100
97 65.0 44.8 83.2
132 100.1 65.5 121.6
130 104.2 66.4 123.4





#47

Tetrachloroethene

Concen: 1.04 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VV007082.D

Acq: 20 Aug 2018 20:00

Instrument :
MSVOA_V
ClientSampleId :
C0345

Tot Ion:164 Resp: 15759

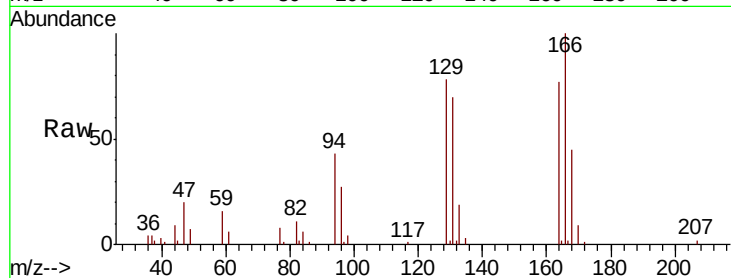
Ion Ratio Lower Upper

164 100

129 101.1 65.9 122.3

131 90.0 64.2 119.2

166 129.1 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

