

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082018\
 Data File : VV007085.D
 Acq On : 20 Aug 2018 21:20
 Operator : SY/MD
 Sample : J4488-19
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0362

Quant Time: Aug 21 06:46:49 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	243248	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	235498	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	88101	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	78435	5.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.00%
7) Chloroethane-d5	1.58	69	71348	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.20%
11) 1,1-Dichloroethene-d2	2.14	63	2049408	69.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	1391.00%#
20) 2-Butanone-d5	3.97	46	226285	50.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.22%
24) Chloroform-d	4.41	84	168018	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
26) 1,2-Dichloroethane-d4	5.09	65	88348	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.80%
32) Benzene-d6	5.10	84	332662	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.00%
36) 1,2-Dichloropropane-d6	6.12	67	108372	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.80%
41) Toluene-d8	7.37	98	231185	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	7.67	79	23032	3.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.00%
46) 2-Hexanone-d5	8.15	63	84767	28.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	57.62%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	83820	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	83531	5.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.00%

Target Compounds

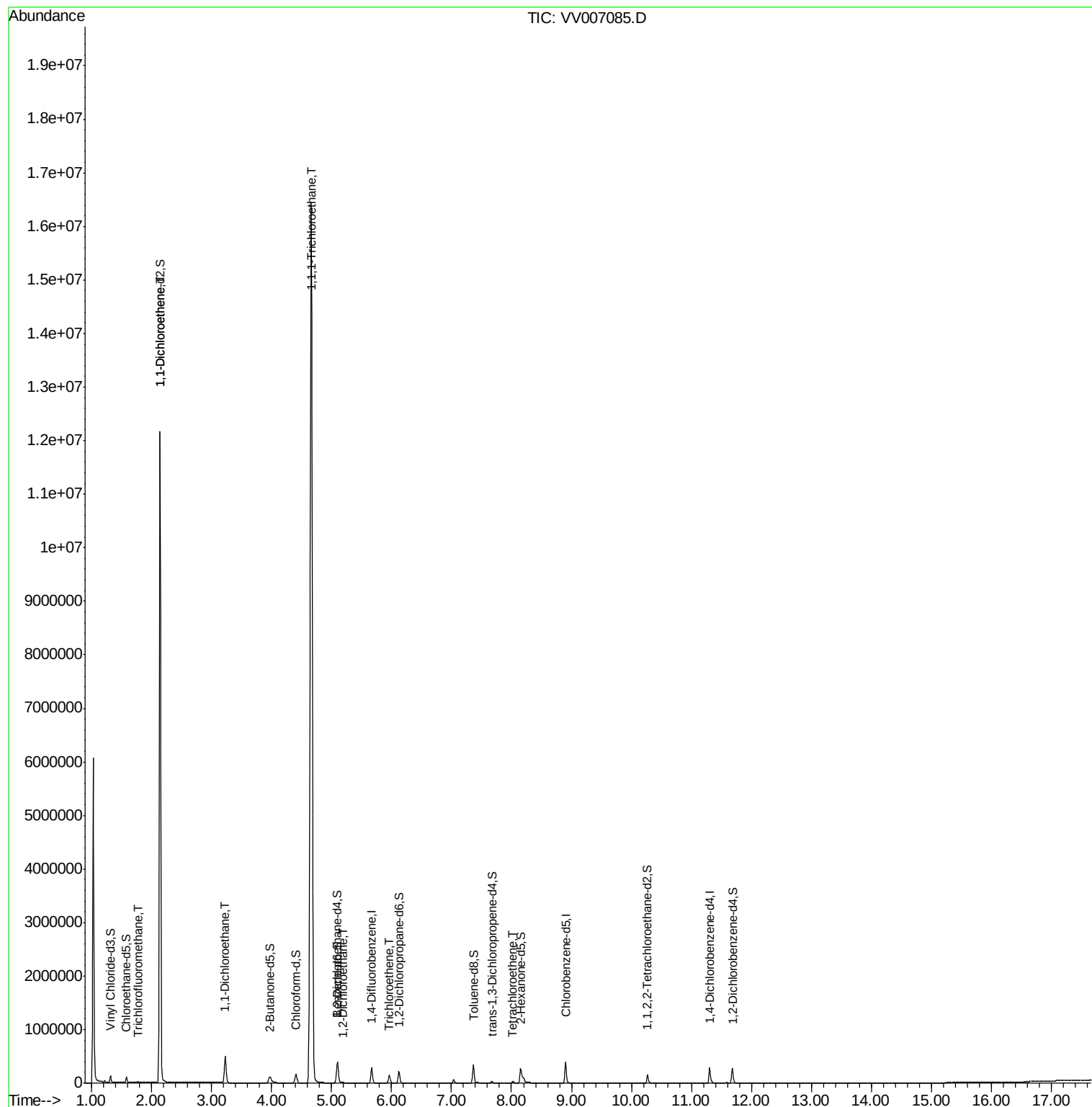
					Ovalue
9) Trichlorofluoromethane	1.77	101	7235	0.24	ug/L 100
12) 1,1-Dichloroethene	2.14	96	3886290	222.49	ug/L # 68
19) 1,1-Dichloroethane	3.23	63	513067	15.19	ug/L 98
27) 1,2-Dichloroethane	5.19	62	7425	0.32	ug/L # 94
29) 1,1,1-Trichloroethane	4.66	97	13059606	415.89	ug/L 98
34) Trichloroethene	5.96	95	52277	2.67	ug/L 95
47) Tetrachloroethene	8.02	164	5216	0.33	ug/L 93

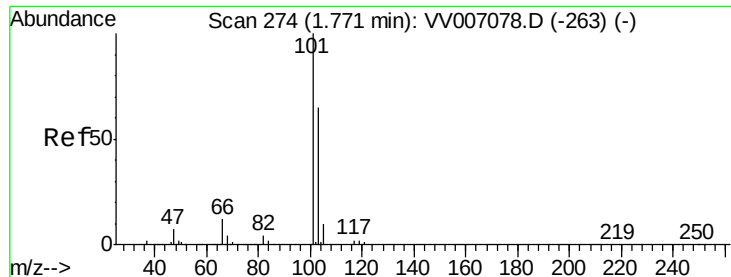
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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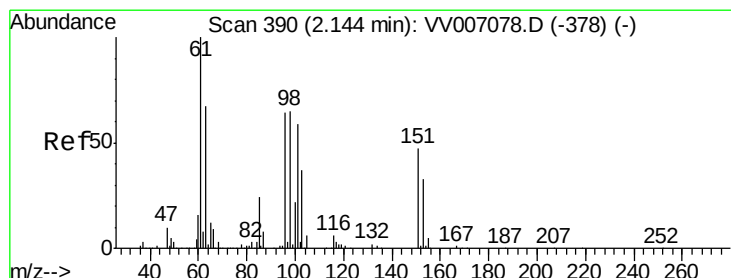
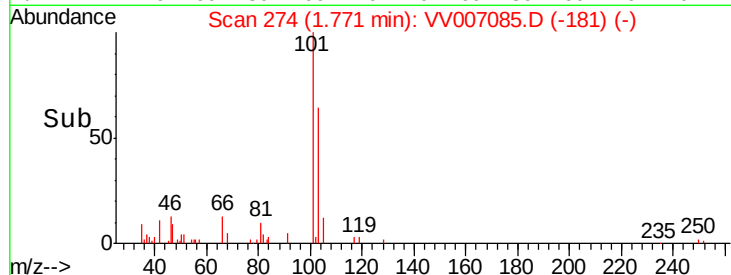
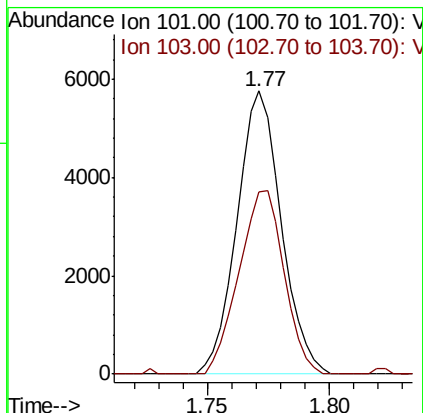
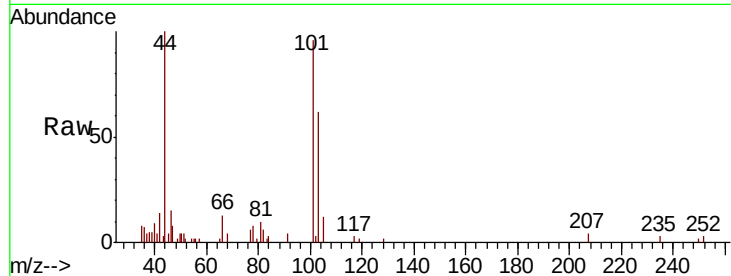


#9

Trichlorofluoromethane
 Concen: 0.24 ug/L
 RT: 1.77 min Scan# 274
 Delta R.T. -0.00 min
 Lab File: VV007085.D
 Acq: 20 Aug 2018 21:20

Instrument :
 MSVOA_V
 ClientSampleId :
 C0362

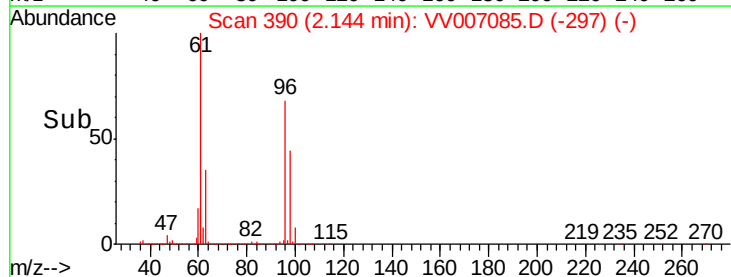
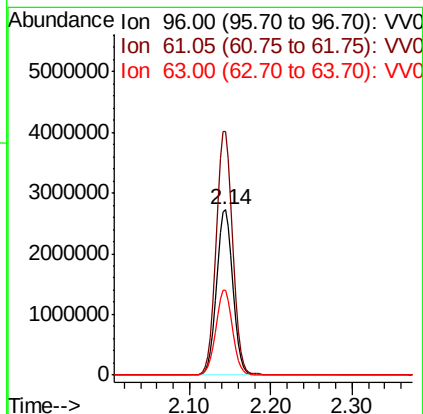
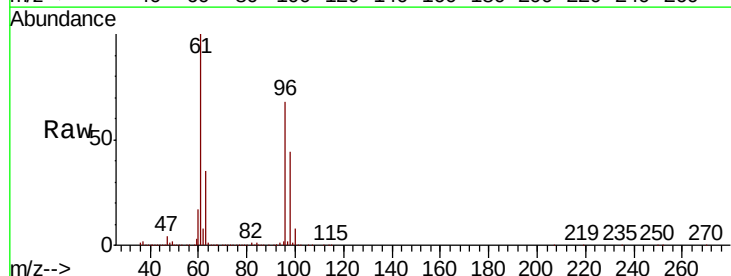
Tot Ion:101 Resp: 7235
 Ion Ratio Lower Upper
 101 100
 103 66.0 52.7 79.1

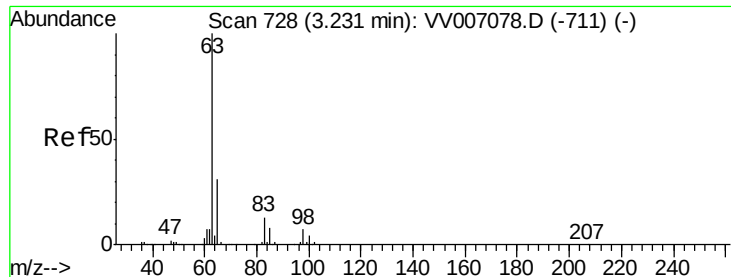


#12

1,1-Dichloroethene
 Concen: 222.49 ug/L
 RT: 2.14 min Scan# 390
 Delta R.T. -0.00 min
 Lab File: VV007085.D
 Acq: 20 Aug 2018 21:20

Tgt Ion: 96 Resp: 3886290
 Ion Ratio Lower Upper
 96 100
 61 147.2 111.6 207.4
 63 51.0 84.9 157.7#



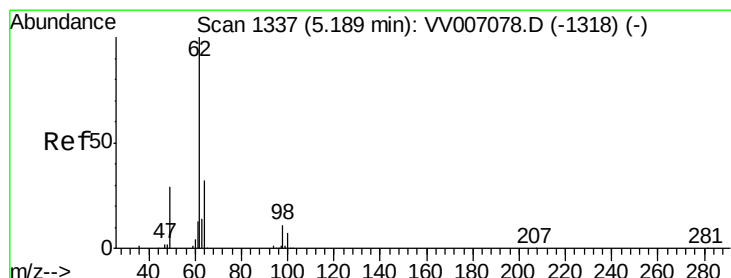
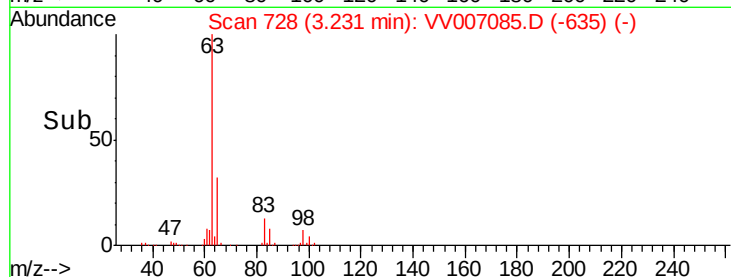
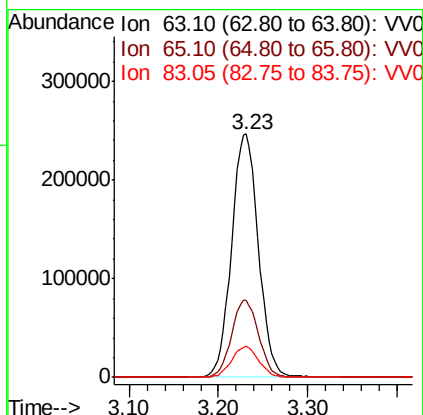
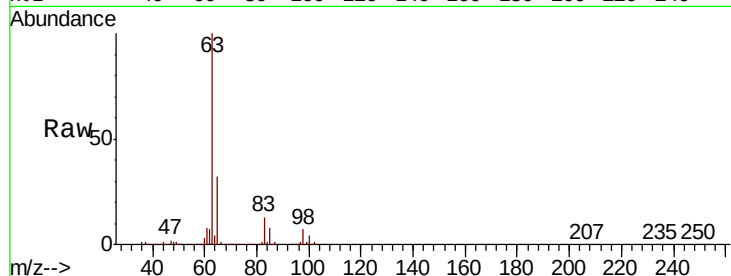


#19
 1,1-Dichloroethane
 Concen: 15.19 ug/L
 RT: 3.23 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: VV007085.D
 Acq: 20 Aug 2018 21:20

Instrument :
 MSVOA_V
 ClientSampleId :
 C0362

Tot Ion: 63 Resp: 513067

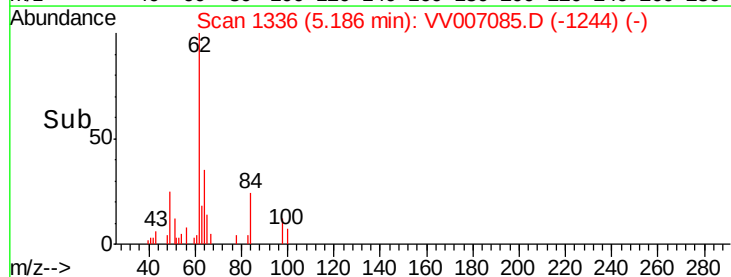
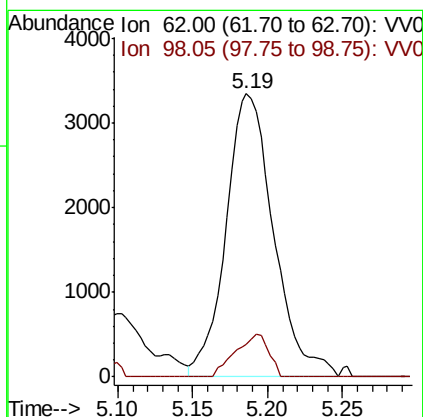
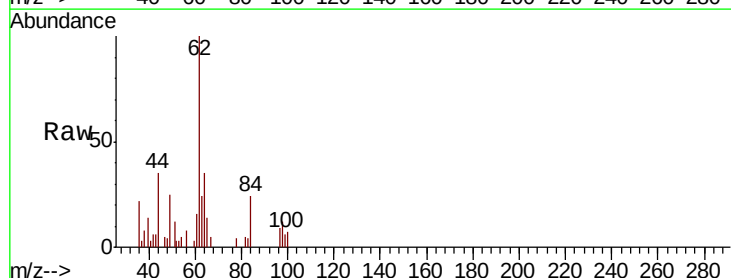
Ion	Ratio	Lower	Upper
63	100		
65	31.8	21.7	40.3
83	12.6	10.0	18.6

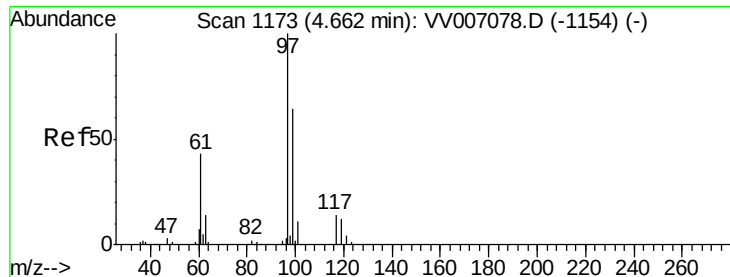


#27
 1,2-Dichloroethane
 Concen: 0.32 ug/L
 RT: 5.19 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VV007085.D
 Acq: 20 Aug 2018 21:20

Tgt Ion: 62 Resp: 7425

Ion	Ratio	Lower	Upper
62	100		
98	11.5	7.6	11.4#



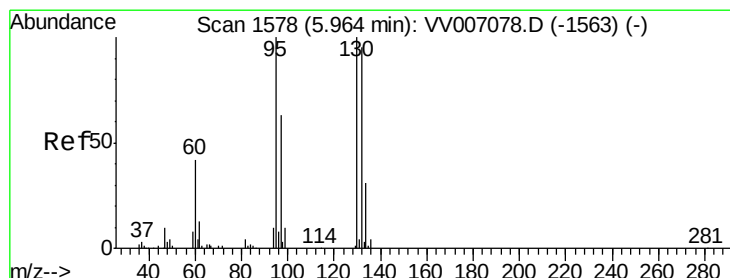
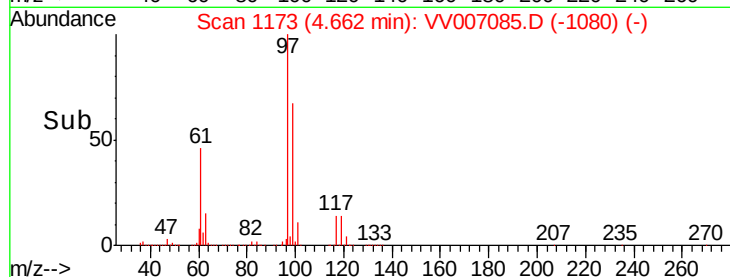
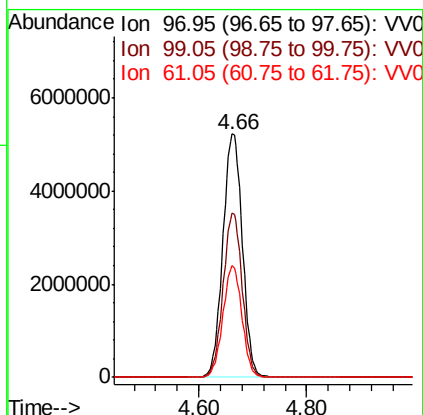
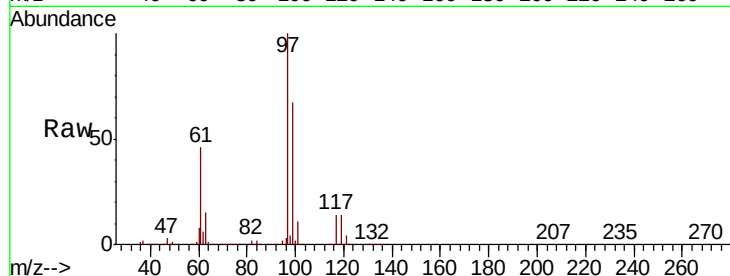


#29
 1,1,1-Trichloroethane
 Concen: 415.89 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: VV007085.D
 Acq: 20 Aug 2018 21:20

Instrument :
 MSVOA_V
 ClientSampleId :
 C0362

Tot Ion: 97 Resp:13059606

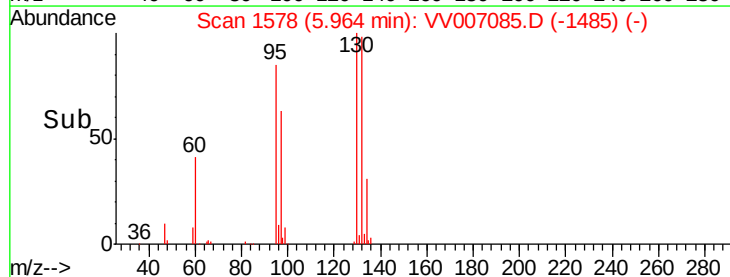
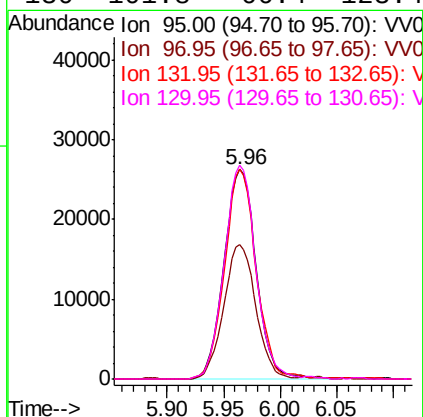
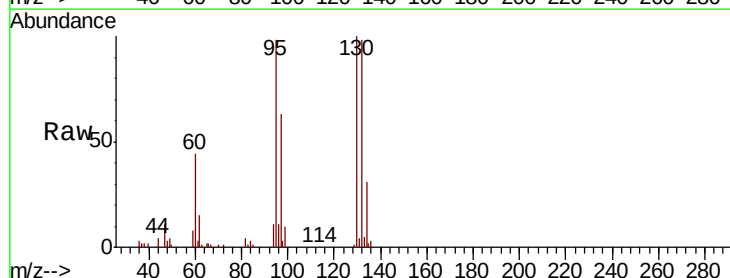
Ion	Ratio	Lower	Upper
97	100		
99	66.2	51.0	76.6
61	44.6	36.6	54.8

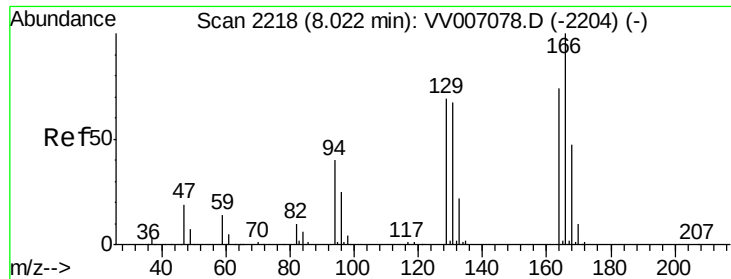


#34
 Trichloroethene
 Concen: 2.67 ug/L
 RT: 5.96 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: VV007085.D
 Acq: 20 Aug 2018 21:20

Tgt Ion: 95 Resp: 52277

Ion	Ratio	Lower	Upper
95	100		
97	64.1	44.8	83.2
132	100.0	65.5	121.6
130	101.8	66.4	123.4





#47

Tetrachloroethene

Concen: 0.33 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VV007085.D

Acq: 20 Aug 2018 21:20

Instrument :
MSVOA_V
ClientSampleId :
C0362

Tot Ion:164 Resp: 5216

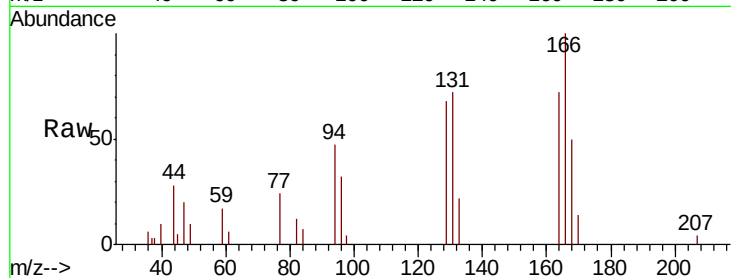
Ion Ratio Lower Upper

164 100

129 94.9 65.9 122.3

131 100.4 64.2 119.2

166 139.2 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

