

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081518\
 Data File : VV007023.D
 Acq On : 15 Aug 2018 20:32
 Operator : SY/MD
 Sample : J4487-07
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C02Z3

Quant Time: Aug 16 03:08:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 16 02:48:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	198877	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	183917	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	75129	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	62408	4.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.20%
7) Chloroethane-d5	1.58	69	52745	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.14	63	1433954	59.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	1190.40%#
20) 2-Butanone-d5	3.97	46	166166	45.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.02%
24) Chloroform-d	4.41	84	116808	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.09	65	60687	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.10	84	234169	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.12	67	77958	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.37	98	167869	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
43) trans-1,3-Dichloropropene-	7.67	79	25033	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.15	63	77878	33.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.78%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	57193	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	59504	4.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.00%

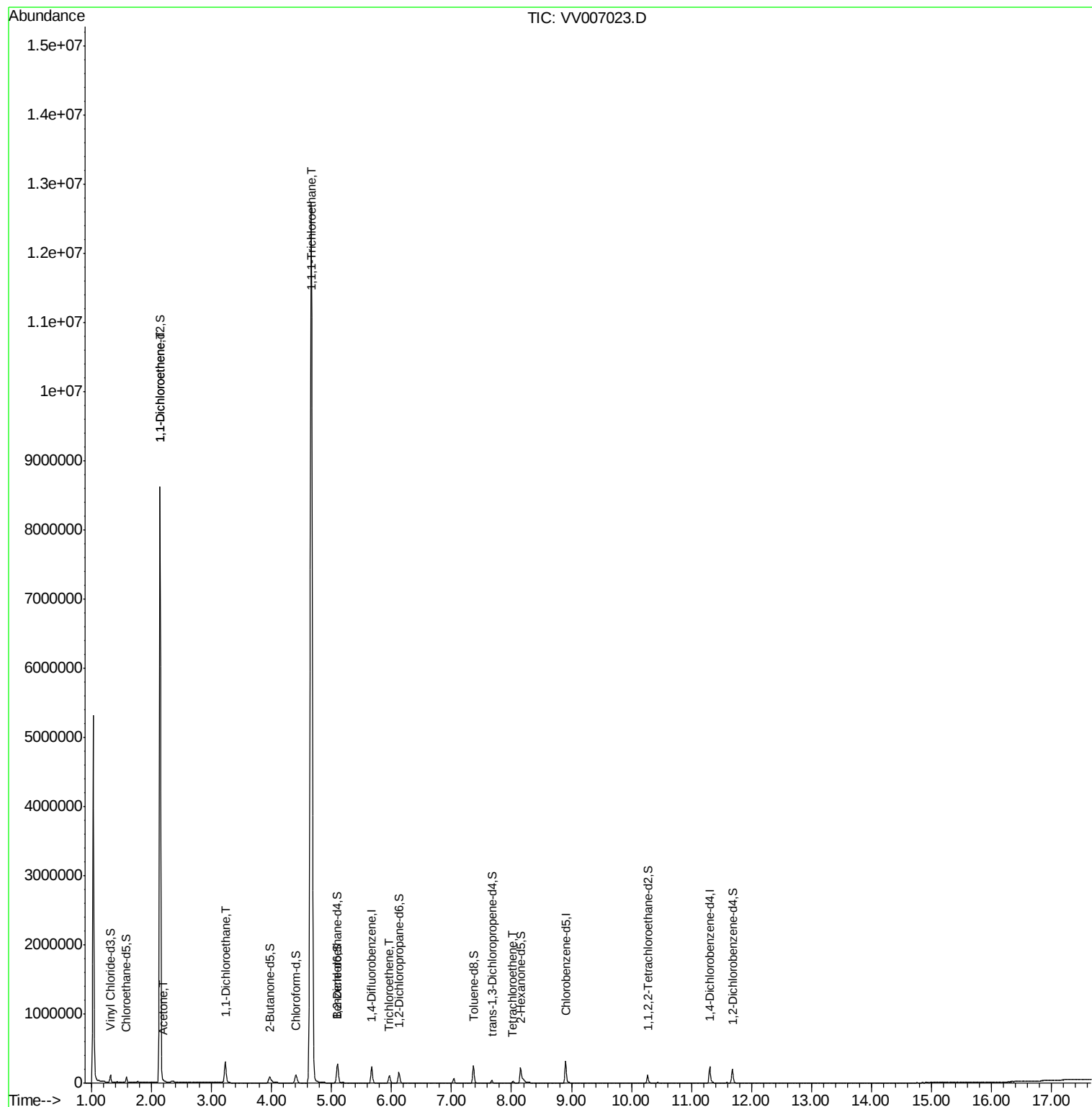
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	2717439	190.28	ug/L	# 68
13) Acetone	2.20	43	3373	1.77	ug/L	78
19) 1,1-Dichloroethane	3.23	63	304141	11.02	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	10158970	414.26	ug/L	98
34) Trichloroethene	5.96	95	38193	2.50	ug/L	97
47) Tetrachloroethene	8.03	164	4785	0.39	ug/L	80

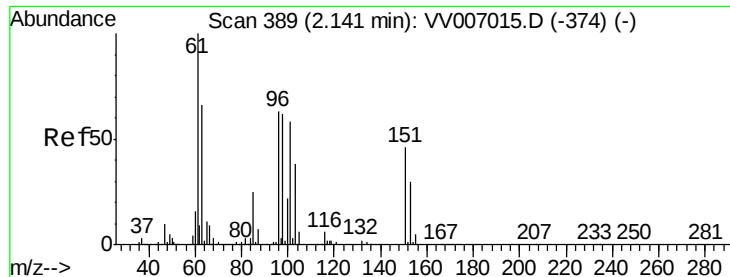
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 190.28 ug/L

RT: 2.14 min Scan# 390

Delta R.T. 0.00 min

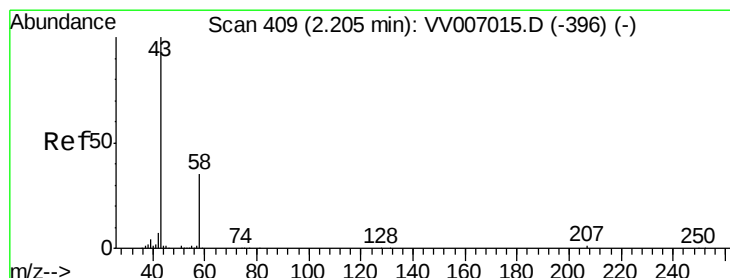
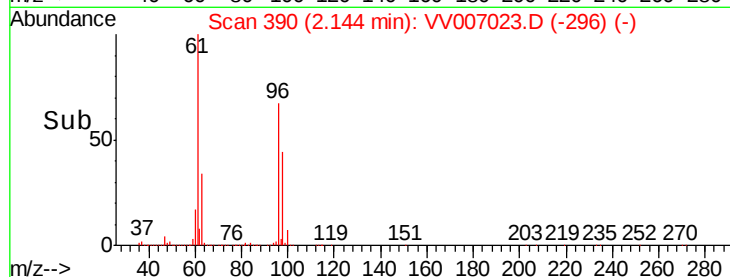
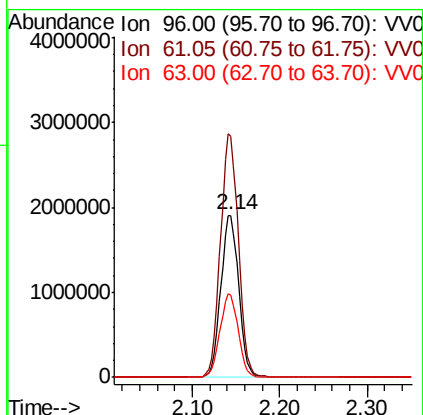
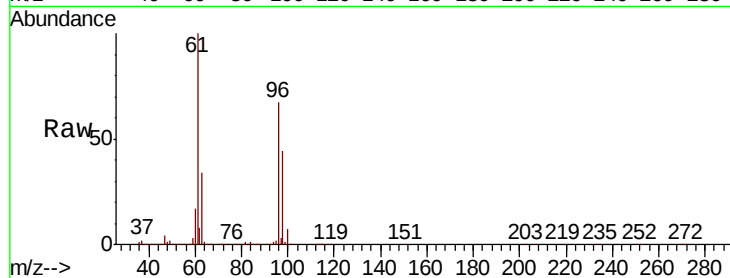
Lab File: VV007023.D

Acq: 15 Aug 2018 20:32

Instrument :
MSVOA_V
ClientSampled :
C02Z3

Tot Ion: 96 Resp: 2717439

Ion	Ratio	Lower	Upper
96	100		
61	148.5	111.6	207.4
63	50.8	84.9	157.7#



#13

Acetone

Concen: 1.77 ug/L

RT: 2.20 min Scan# 408

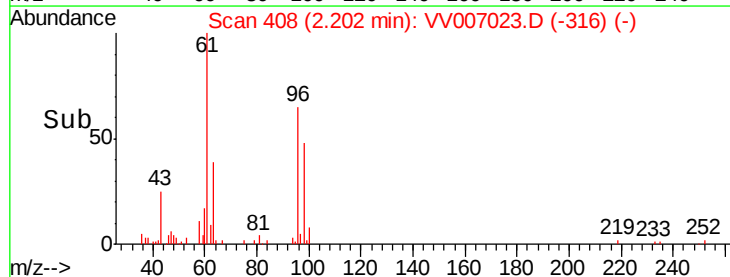
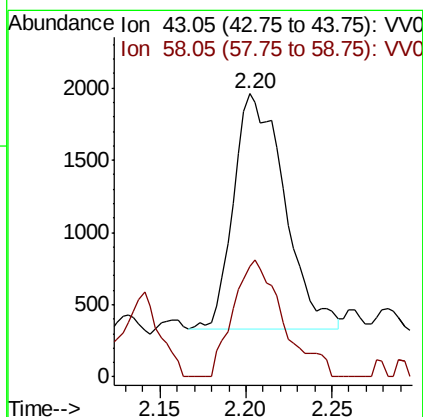
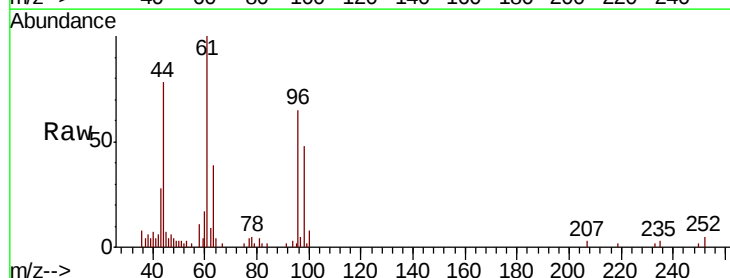
Delta R.T. -0.00 min

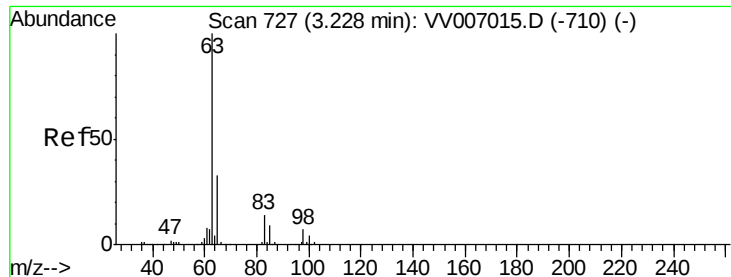
Lab File: VV007023.D

Acq: 15 Aug 2018 20:32

Tgt Ion: 43 Resp: 3373

Ion	Ratio	Lower	Upper
43	100		
58	48.7	0.0	71.4

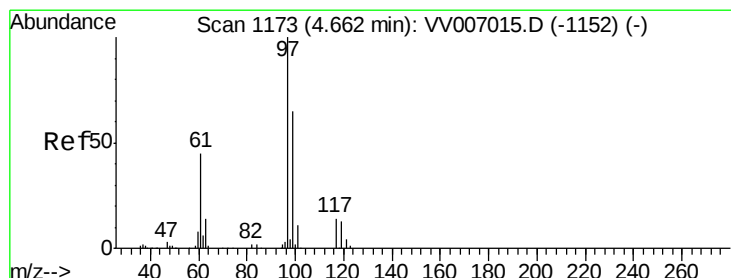
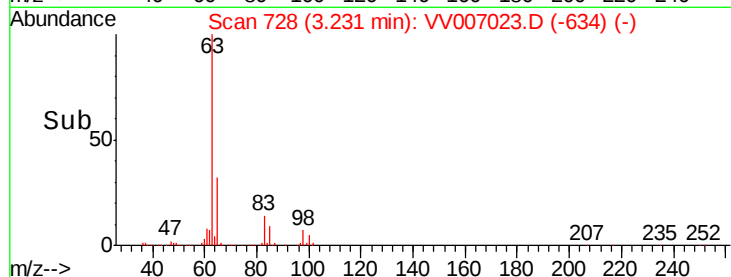
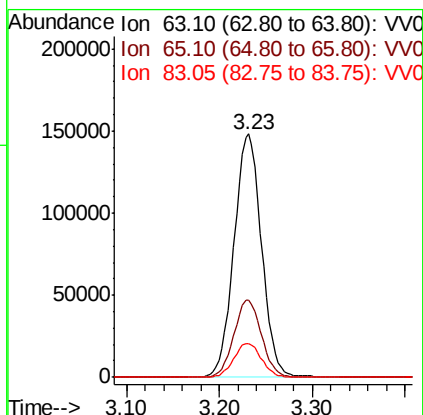
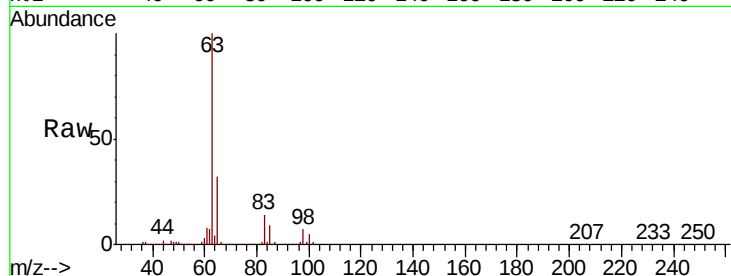




#19
 1,1-Dichloroethane
 Concen: 11.02 ug/L
 RT: 3.23 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VV007023.D
 Acq: 15 Aug 2018 20:32

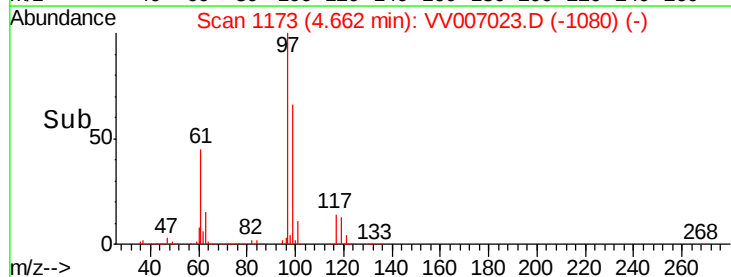
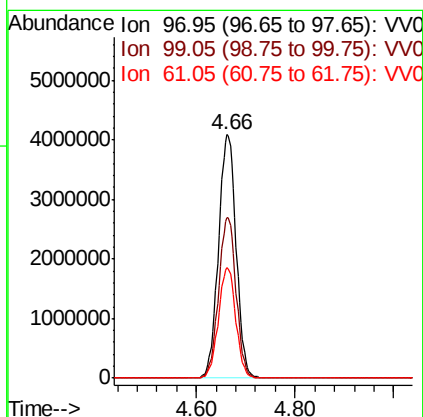
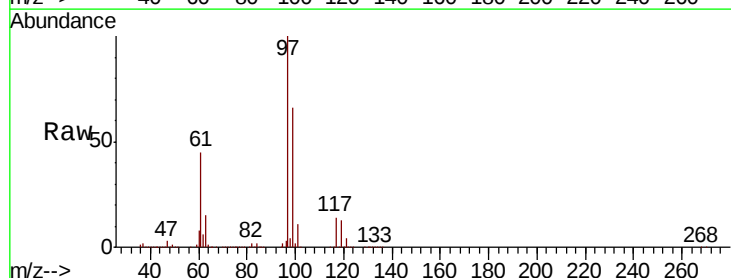
Instrument :
 MSVOA_V
 ClientSampleId :
 C02Z3

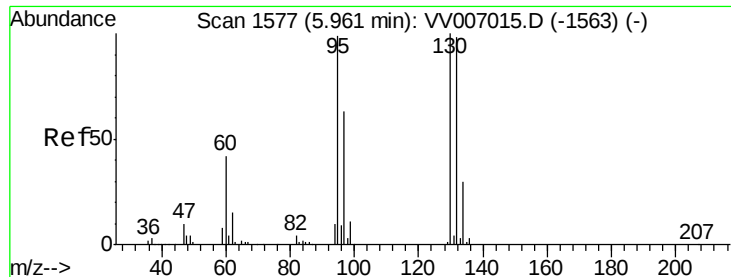
Tot Ion: 63 Resp: 304141
 Ion Ratio Lower Upper
 63 100
 65 31.7 21.7 40.3
 83 13.6 10.0 18.6



#29
 1,1,1-Trichloroethane
 Concen: 414.26 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: VV007023.D
 Acq: 15 Aug 2018 20:32

Tgt Ion: 97 Resp: 10158970
 Ion Ratio Lower Upper
 97 100
 99 65.3 51.0 76.6
 61 44.8 36.6 54.8

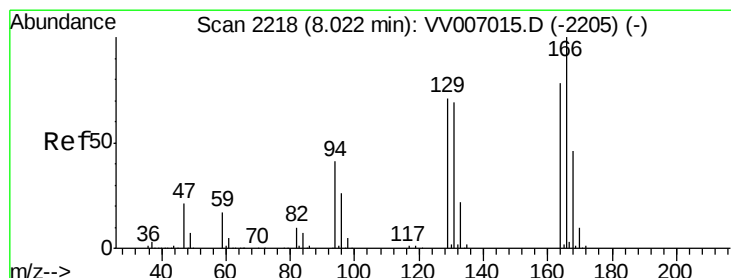
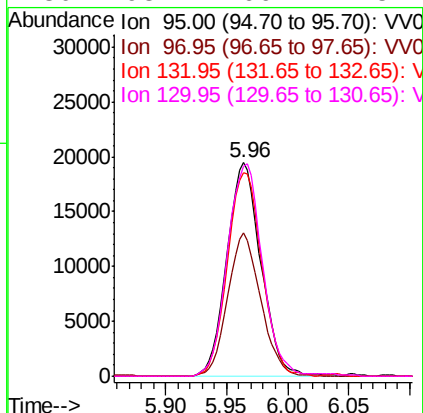
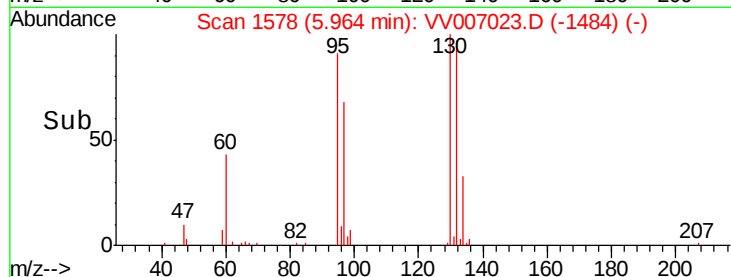
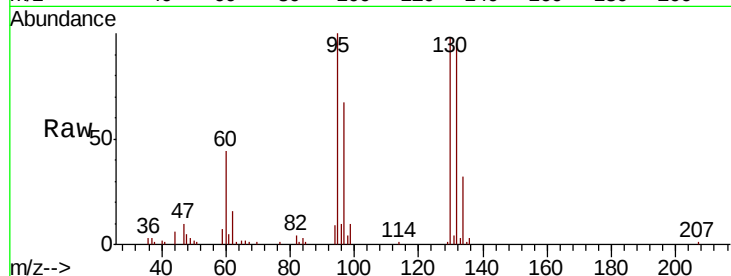




#34
 Trichloroethene
 Concen: 2.50 ug/L
 RT: 5.96 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VV007023.D
 Acq: 15 Aug 2018 20:32

Instrument :
 MSVOA_V
 ClientSampleId :
 C02Z3

Tot Ion:	95	Resp:	38193
Ion	Ratio	Lower	Upper
95	100		
97	67.0	44.8	83.2
132	95.2	65.5	121.6
130	98.2	66.4	123.4



#47
 Tetrachloroethene
 Concen: 0.39 ug/L
 RT: 8.03 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: VV007023.D
 Acq: 15 Aug 2018 20:32

Tgt Ion:	164	Resp:	4785
Ion	Ratio	Lower	Upper
164	100		
129	74.8	65.9	122.3
131	71.4	64.2	119.2
166	106.0	89.4	166.0

