

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR100218\
 Data File : VR025929.D
 Acq On : 2 Oct 2018 15:51
 Operator : SY/MD
 Sample : J5160-11
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 03 04:09:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 03 02:53:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	422095	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	357509	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	119878	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	138669	4.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.40%
7) Chloroethane-d5	2.63	69	138836	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	3.63	63	259511	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	6.59	46	232270	62.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.18%
24) Chloroform-d	7.20	84	272801	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	7.90	65	129275	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	7.85	84	525008	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	8.90	67	156320	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	9.97	98	460733	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
43) trans-1,3-Dichloropropene-	10.24	79	32902	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	10.59	63	168025	60.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.08%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	66077	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	93618	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

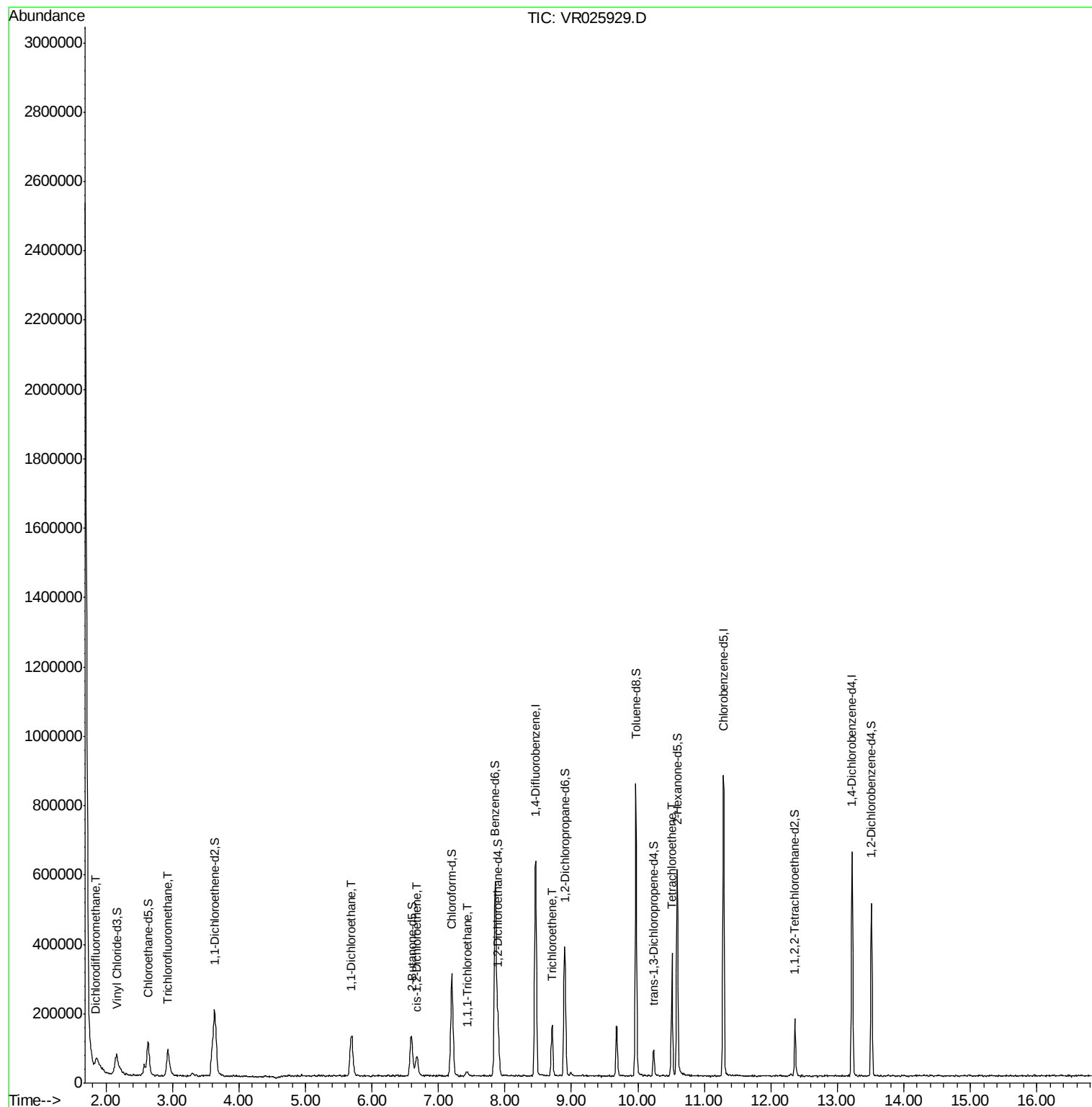
					Ovalue	
2) Dichlorodifluoromethane	1.84	85	19378m	0.755	ug/L	
9) Trichlorofluoromethane	2.93	101	15486m	0.307	ug/L	
19) 1,1-Dichloroethane	5.69	63	174406	3.343	ug/L	99
22) cis-1,2-Dichloroethene	6.67	96	28639	1.080	ug/L #	98
29) 1,1,1-Trichloroethane	7.43	97	9176	0.228	ug/L #	92
34) Trichloroethene	8.71	95	46244	1.464	ug/L	98
47) Tetrachloroethene	10.51	164	57113	2.934	ug/L	93

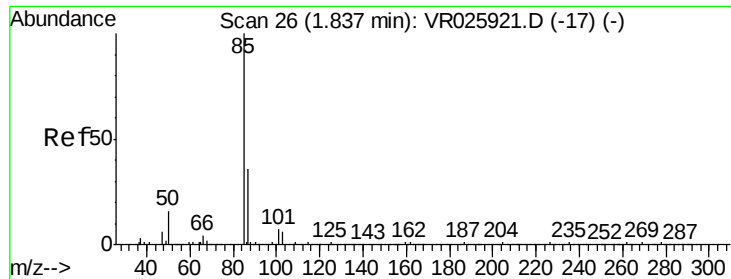
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 03 02:53:45 2018
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.755 ug/L m

RT: 1.84 min Scan# 27

Delta R.T. 0.01 min

Lab File: VR025929.D

Acq: 2 Oct 2018 15:51

Instrument :

MSVOA_R

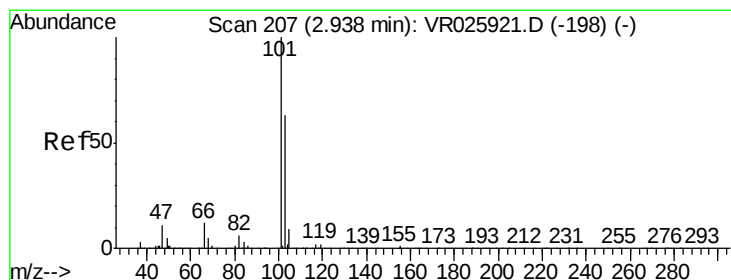
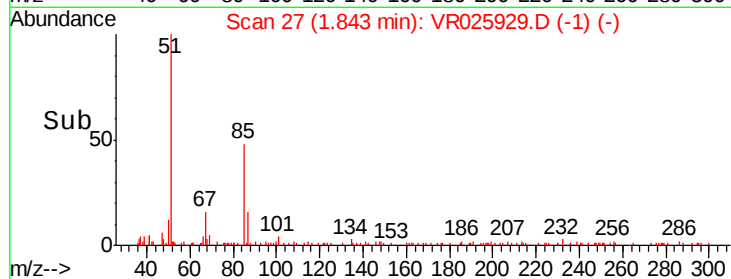
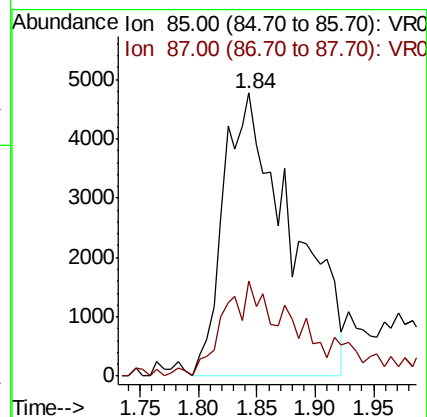
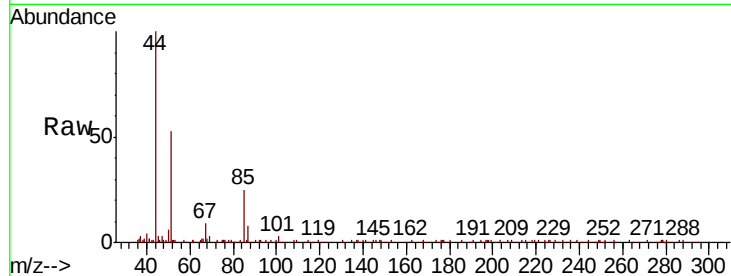
ClientSampleId :

Tot Ion: 85 Resp: 19378

Ion Ratio Lower Upper

85 100

87 4.0 25.1 37.7#



#9

Trichlorofluoromethane

Concen: 0.307 ug/L m

RT: 2.93 min Scan# 205

Delta R.T. -0.01 min

Lab File: VR025929.D

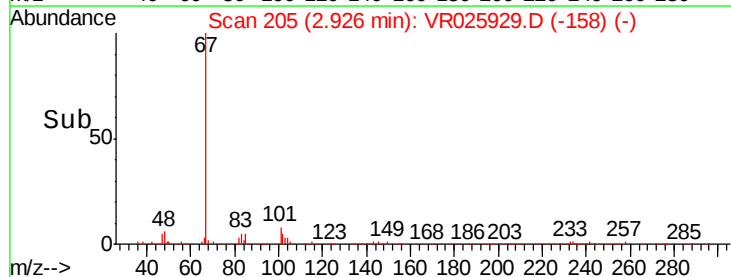
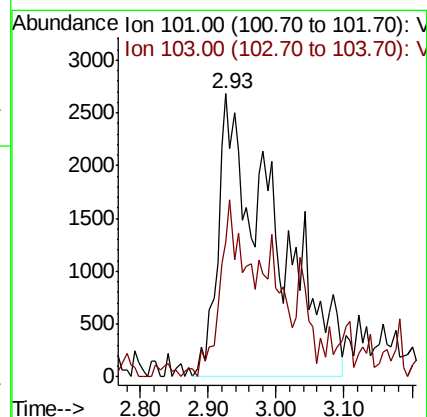
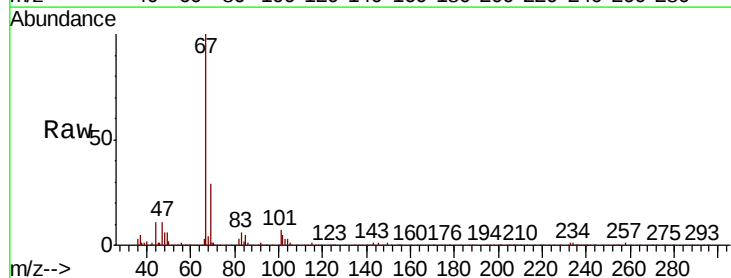
Acq: 2 Oct 2018 15:51

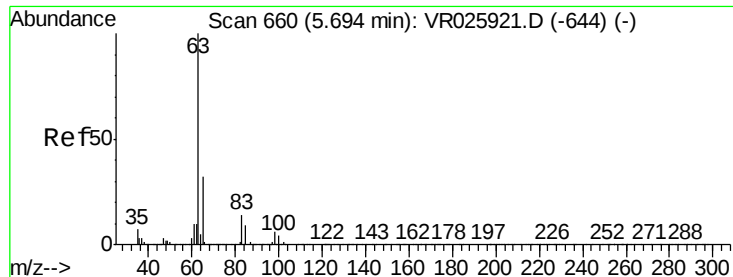
Tgt Ion: 101 Resp: 15486

Ion Ratio Lower Upper

101 100

103 29.0 22.1 33.1





#19

1,1-Dichloroethane

Concen: 3.343 ug/L

RT: 5.69 min Scan# 659

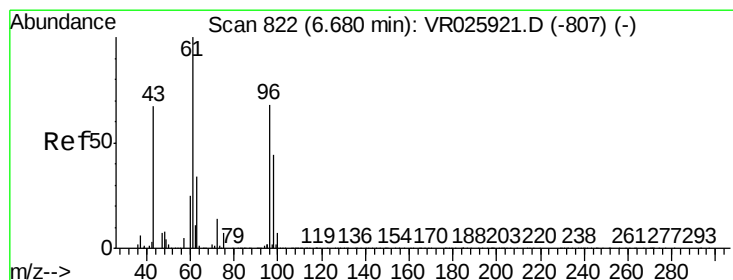
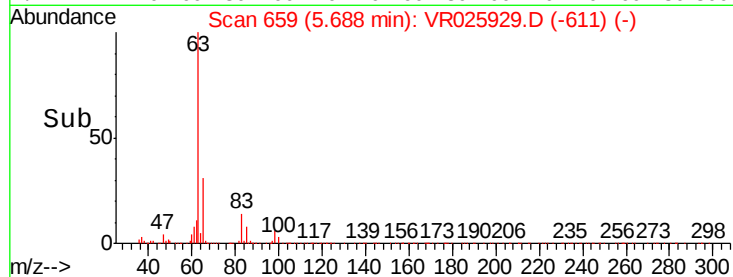
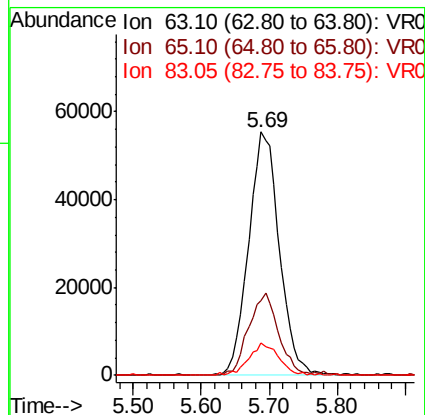
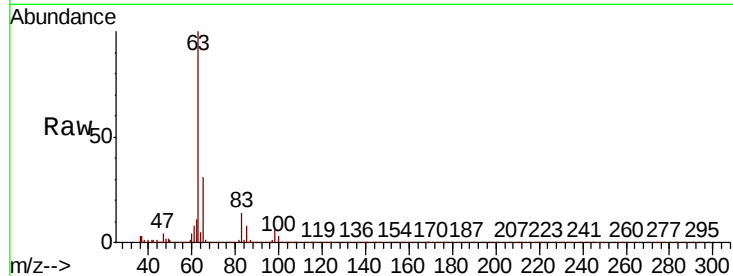
Delta R.T. -0.01 min

Lab File: VR025929.D

Acq: 2 Oct 2018 15:51

Instrument :
MSVOA_R
ClientSampleId :

Tot Ion:	63	Resp:	174406
Ion	Ratio	Lower	Upper
63	100		
65	30.6	21.1	39.1
83	13.5	8.9	16.5



#22

cis-1,2-Dichloroethene

Concen: 1.080 ug/L

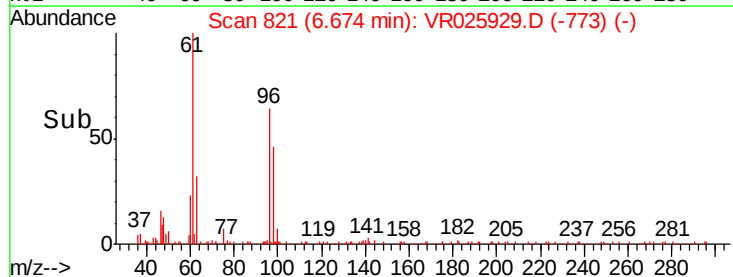
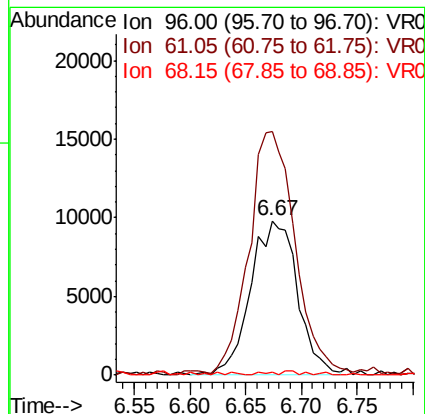
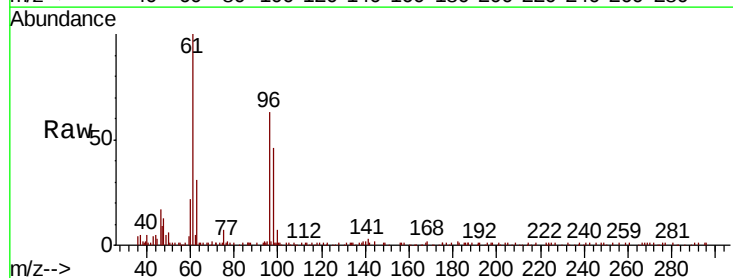
RT: 6.67 min Scan# 821

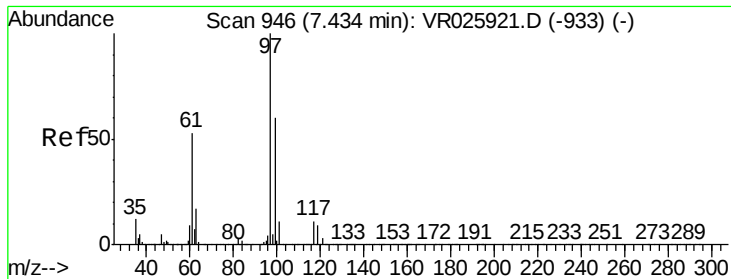
Delta R.T. -0.01 min

Lab File: VR025929.D

Acq: 2 Oct 2018 15:51

Tgt Ion:	96	Resp:	28639
Ion	Ratio	Lower	Upper
96	100		
61	157.8	108.7	201.9
68	1.8	0.1	0.1#





#29

1,1,1-Trichloroethane

Concen: 0.228 ug/L

RT: 7.43 min Scan# 946

Delta R.T. 0.00 min

Lab File: VR025929.D

Acq: 2 Oct 2018 15:51

Instrument :

MSVOA_R

ClientSampleId :

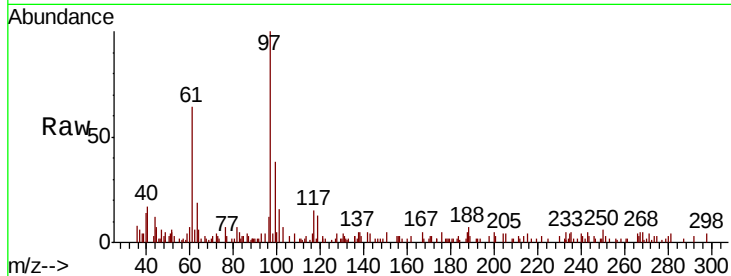
Tot Ion: 97 Resp: 9176

Ion Ratio Lower Upper

97 100

99 63.3 51.0 76.6

61 64.6 41.6 62.4#

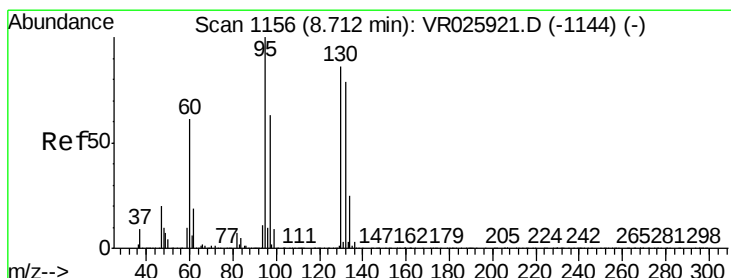
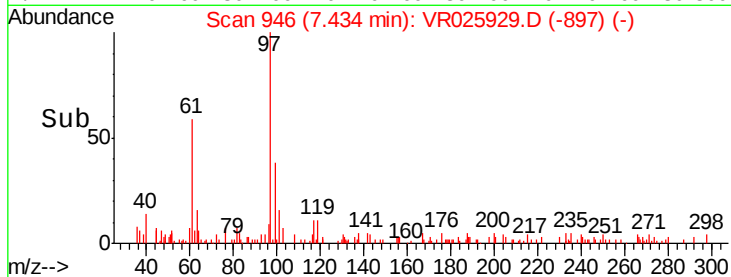
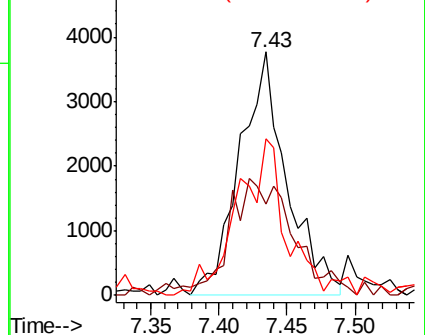


Abundance

Ion 96.95 (96.65 to 97.65): VR0

Ion 99.05 (98.75 to 99.75): VR0

Ion 61.05 (60.75 to 61.75): VR0



#34

Trichloroethene

Concen: 1.464 ug/L

RT: 8.71 min Scan# 1156

Delta R.T. 0.00 min

Lab File: VR025929.D

Acq: 2 Oct 2018 15:51

Tgt Ion: 95 Resp: 46244

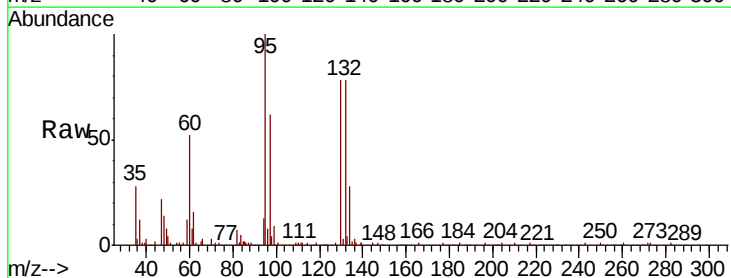
Ion Ratio Lower Upper

95 100

97 61.8 43.9 81.5

132 78.0 53.3 98.9

130 77.8 53.8 99.8



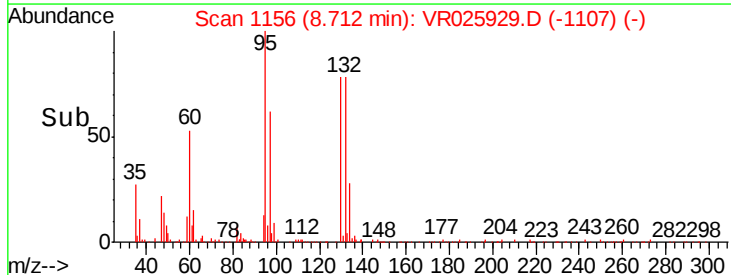
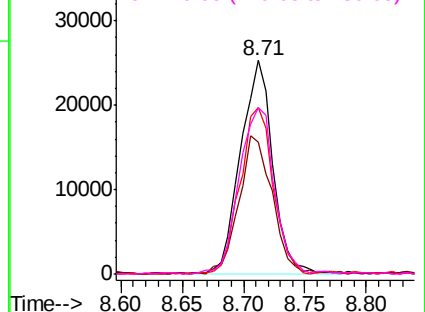
Abundance

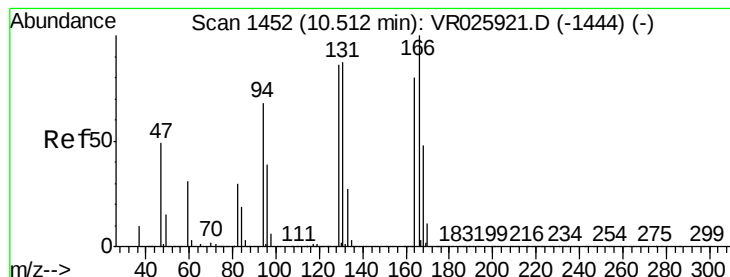
Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V





#47

Tetrachloroethene

Concen: 2.934 ug/L

RT: 10.51 min Scan# 1452

Delta R.T. 0.00 min

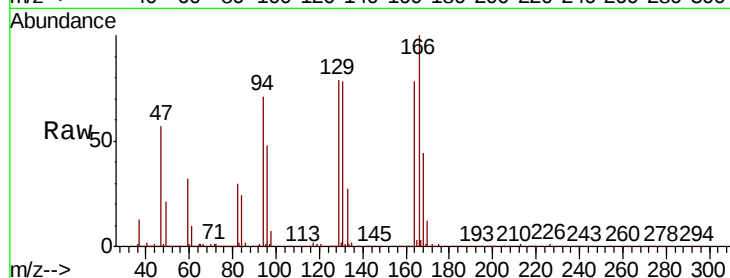
Lab File: VR025929.D

Acq: 2 Oct 2018 15:51

Instrument :

MSVOA_R

ClientSampleId :



Tot Ion:164 Resp: 57113

Ion Ratio Lower Upper

164 100

129 101.1 80.8 150.2

131 100.6 74.5 138.3

166 128.5 92.5 171.7

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

