

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR100218\
 Data File : VR025927.D
 Acq On : 2 Oct 2018 14:44
 Operator : SY/MD
 Sample : J5160-10
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 03 03:55:10 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	443171	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	377017	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	123991	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	145063	4.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.00%
7) Chloroethane-d5	2.63	69	141998	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	3.63	63	263119	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	6.59	46	227322	58.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.70%
24) Chloroform-d	7.20	84	274583	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	7.89	65	130357	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	7.85	84	527160	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
36) 1,2-Dichloropropane-d6	8.90	67	158444	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	9.97	98	467712	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.40%
43) trans-1,3-Dichloropropene-	10.24	79	33632	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	10.59	63	173703	59.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.68%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	65950	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	13.52	152	94373	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

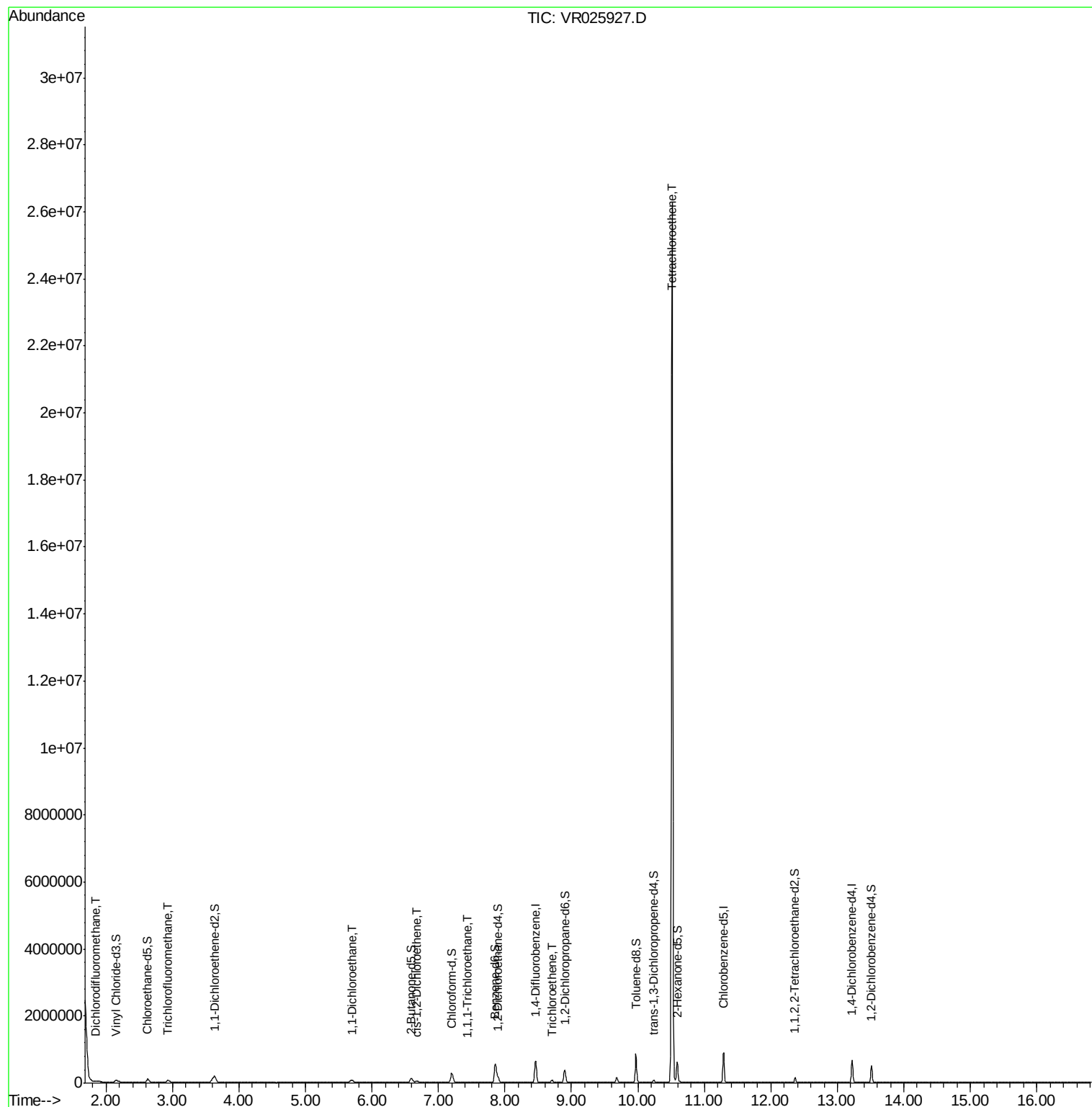
					Ovalue
2) Dichlorodifluoromethane	1.84	85	21720	0.806 ug/L #	79
9) Trichlorofluoromethane	2.94	101	29272m	0.553 ug/L	
19) 1,1-Dichloroethane	5.70	63	112888	2.061 ug/L	99
22) cis-1,2-Dichloroethene	6.68	96	17781	0.639 ug/L #	98
29) 1,1,1-Trichloroethane	7.43	97	11812	0.279 ug/L	92
34) Trichloroethene	8.71	95	22072	0.662 ug/L	95
47) Tetrachloroethene	10.51	164	5388329	262.445 ug/L	83

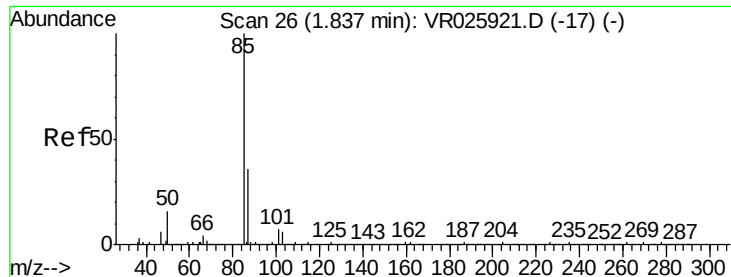
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 03 02:53:45 2018
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.806 ug/L

RT: 1.84 min Scan# 27

Delta R.T. 0.01 min

Lab File: VR025927.D

Acq: 2 Oct 2018 14:44

Instrument :

MSVOA_R

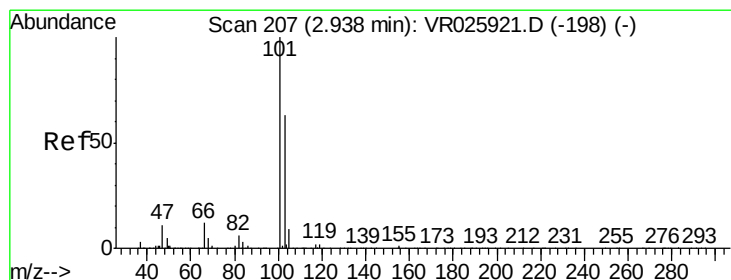
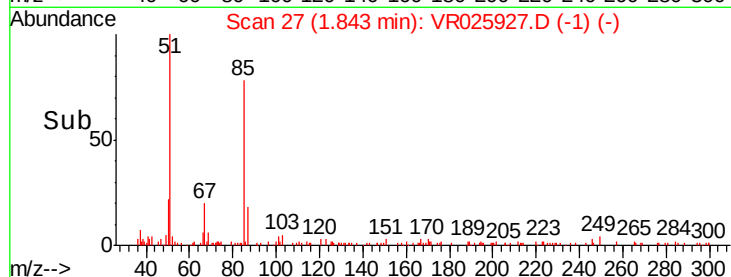
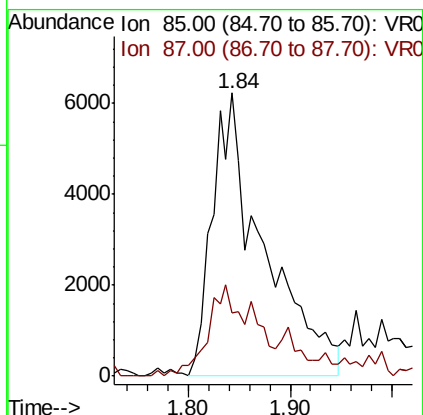
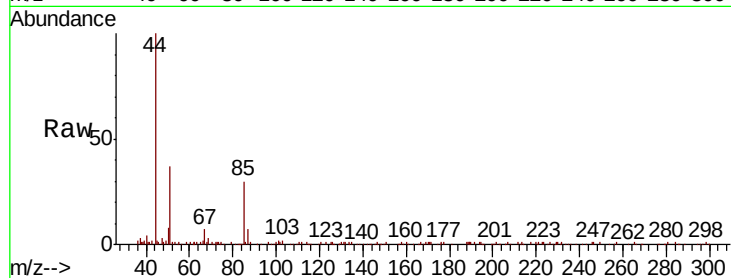
ClientSampleId :

Tot Ion: 85 Resp: 21720

Ion Ratio Lower Upper

85 100

87 19.6 25.1 37.7#



#9

Trichlorofluoromethane

Concen: 0.553 ug/L m

RT: 2.94 min Scan# 207

Delta R.T. 0.00 min

Lab File: VR025927.D

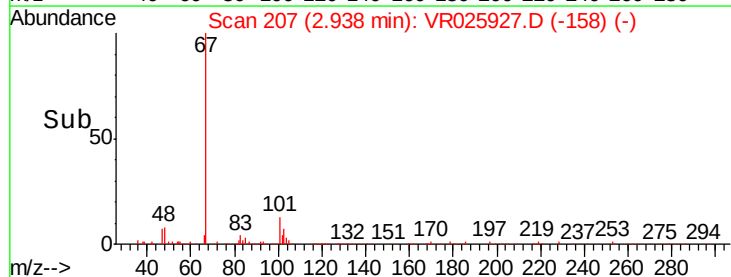
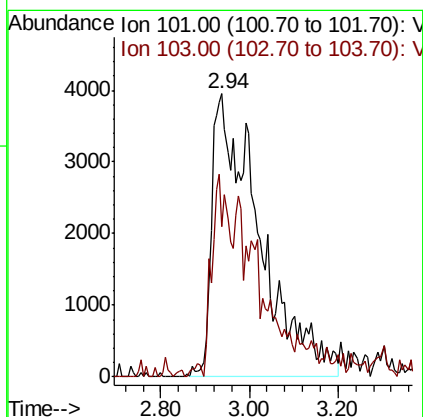
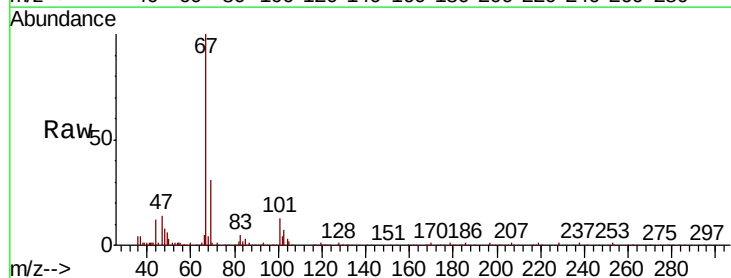
Acq: 2 Oct 2018 14:44

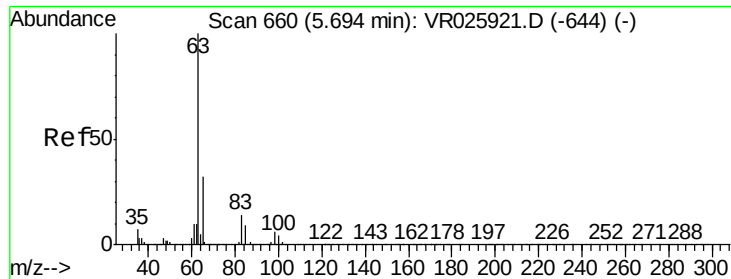
Tgt Ion: 101 Resp: 29272

Ion Ratio Lower Upper

101 100

103 27.4 22.1 33.1

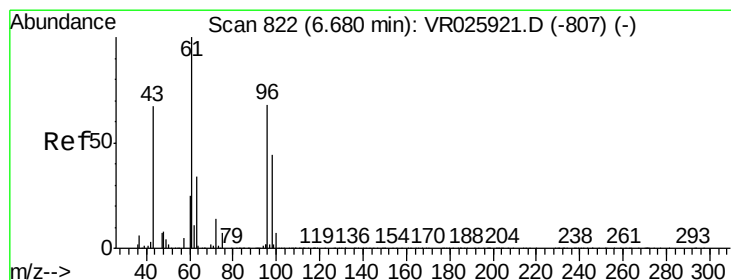
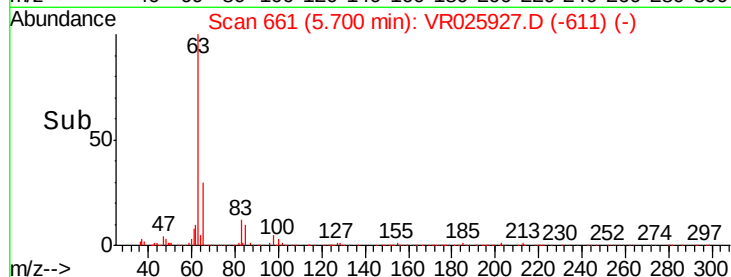
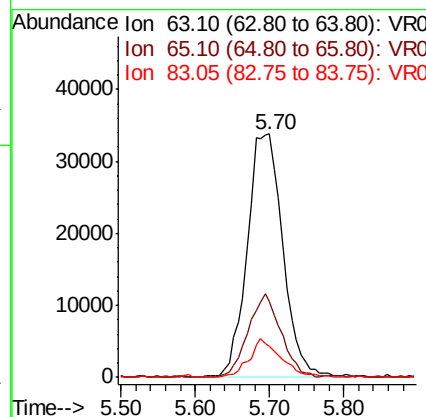
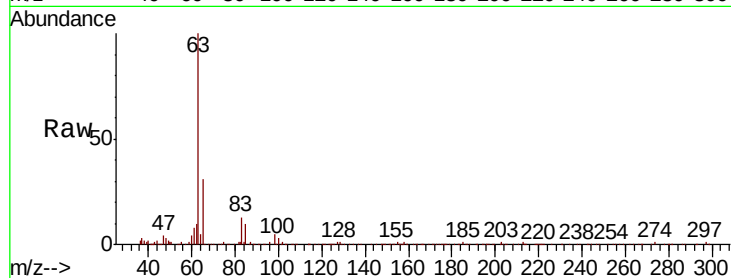




#19
 1,1-Dichloroethane
 Concen: 2.061 ug/L
 RT: 5.70 min Scan# 661
 Delta R.T. 0.01 min
 Lab File: VR025927.D
 Acq: 2 Oct 2018 14:44

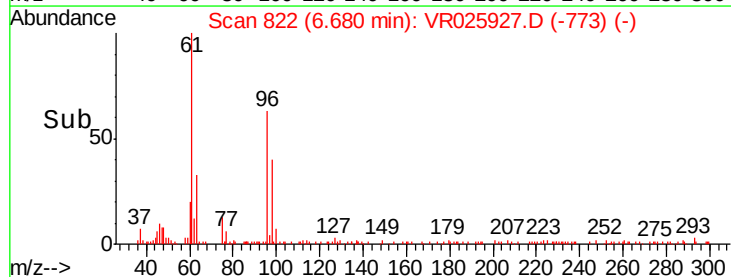
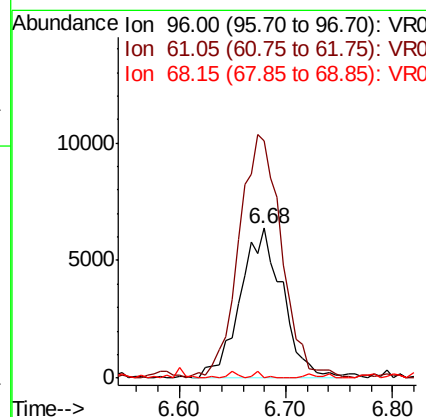
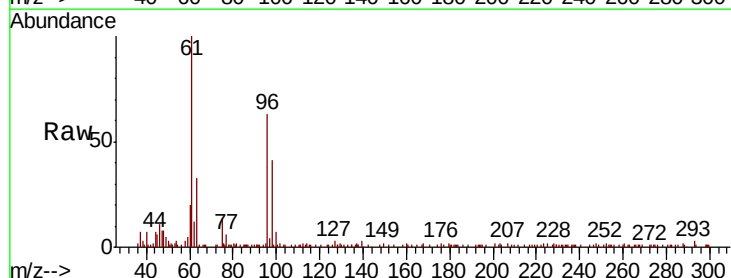
Instrument :
 MSVOA_R
 ClientSampleId :

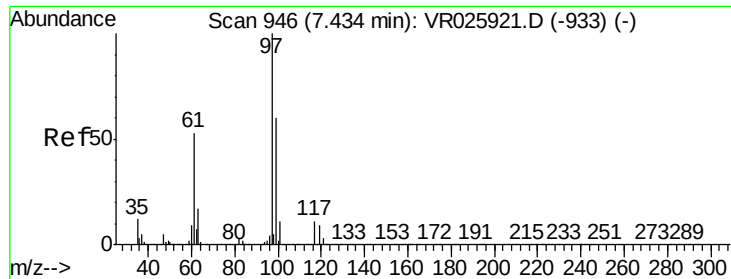
Tot Ion: 63 Resp: 112888
 Ion Ratio Lower Upper
 63 100
 65 31.0 21.1 39.1
 83 12.6 8.9 16.5



#22
 cis-1,2-Dichloroethene
 Concen: 0.639 ug/L
 RT: 6.68 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: VR025927.D
 Acq: 2 Oct 2018 14:44

Tgt Ion: 96 Resp: 17781
 Ion Ratio Lower Upper
 96 100
 61 158.3 108.7 201.9
 68 0.0 0.1 0.1#

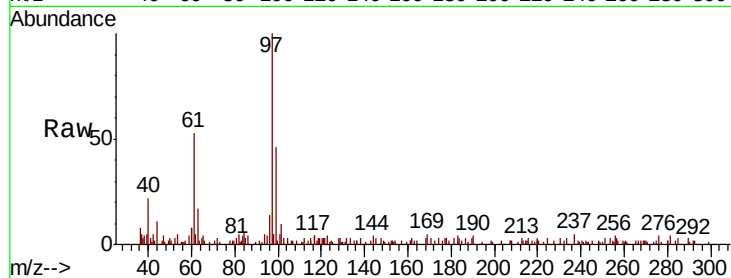




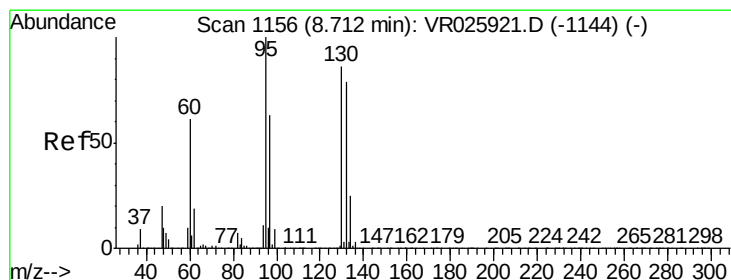
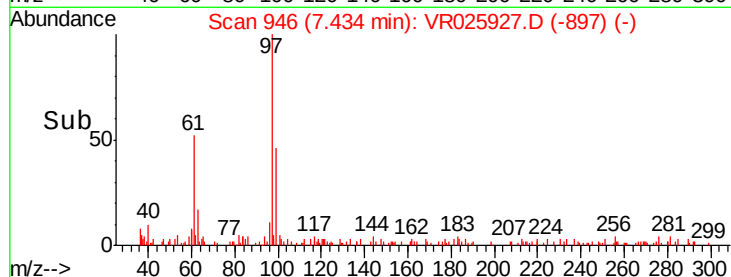
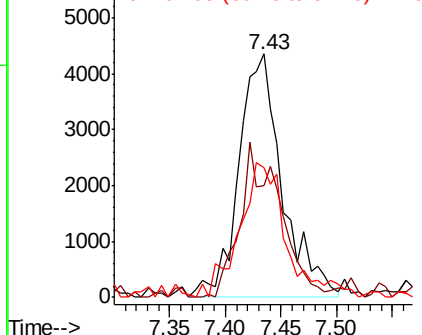
#29
1,1,1-Trichloroethane
Concen: 0.279 ug/L
RT: 7.43 min Scan# 946
Delta R.T. 0.00 min
Lab File: VR025927.D
Acq: 2 Oct 2018 14:44

Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 97 Resp: 11812
Ion Ratio Lower Upper
97 100
99 58.8 51.0 76.6
61 59.4 41.6 62.4

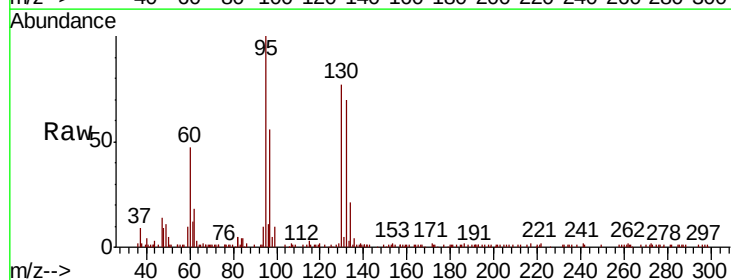


Abundance Ion 96.95 (96.65 to 97.65): VR0
Ion 99.05 (98.75 to 99.75): VR0
Ion 61.05 (60.75 to 61.75): VR0

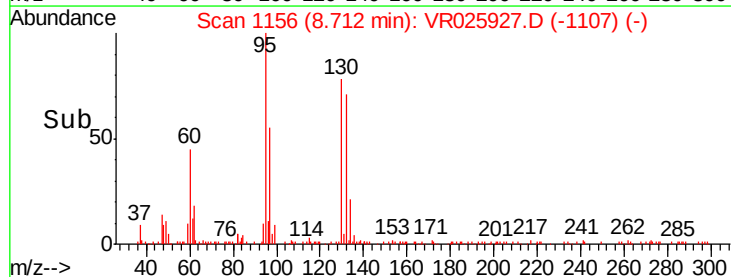
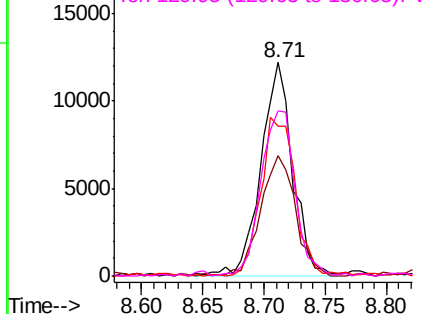


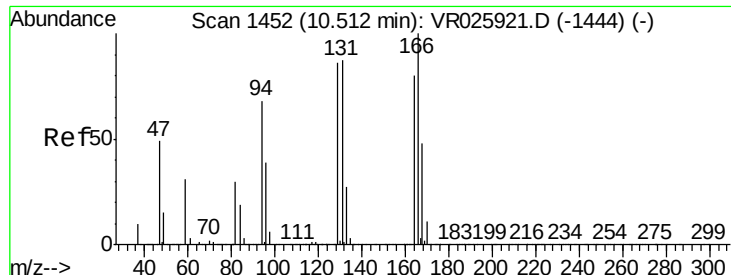
#34
Trichloroethene
Concen: 0.662 ug/L
RT: 8.71 min Scan# 1156
Delta R.T. 0.00 min
Lab File: VR025927.D
Acq: 2 Oct 2018 14:44

Tgt Ion: 95 Resp: 22072
Ion Ratio Lower Upper
95 100
97 56.3 43.9 81.5
132 70.2 53.3 98.9
130 77.2 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: 262.445 ug/L

RT: 10.51 min Scan# 1452

Delta R.T. 0.00 min

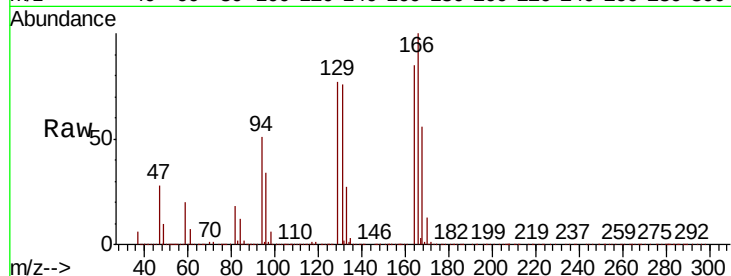
Lab File: VR025927.D

Acq: 2 Oct 2018 14:44

Instrument :

MSVOA_R

ClientSampleId :



Tot Ion:164 Resp: 5388329

Ion Ratio Lower Upper

164 100

129 90.6 80.8 150.2

131 88.8 74.5 138.3

166 117.2 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

