

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR100218\
 Data File : VR025926.D
 Acq On : 2 Oct 2018 14:11
 Operator : SY/MD
 Sample : J5160-09
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 03 03:50:02 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	471923	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	405550	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	137613	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	139815	3.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.20%
7) Chloroethane-d5	2.63	69	133849	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.00%
11) 1,1-Dichloroethene-d2	3.63	63	251778	2.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.60%#
20) 2-Butanone-d5	6.59	46	208621	50.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.56%
24) Chloroform-d	7.20	84	261153	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.60%
26) 1,2-Dichloroethane-d4	7.90	65	122179	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
32) Benzene-d6	7.86	84	502200	3.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.40%
36) 1,2-Dichloropropane-d6	8.90	67	149004	4.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.00%
41) Toluene-d8	9.97	98	434818	3.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.60%#
43) trans-1,3-Dichloropropene-	10.24	79	31178	3.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.60%
46) 2-Hexanone-d5	10.59	63	160926	51.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.22%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	62899	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	90263	4.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.00%

Target Compounds

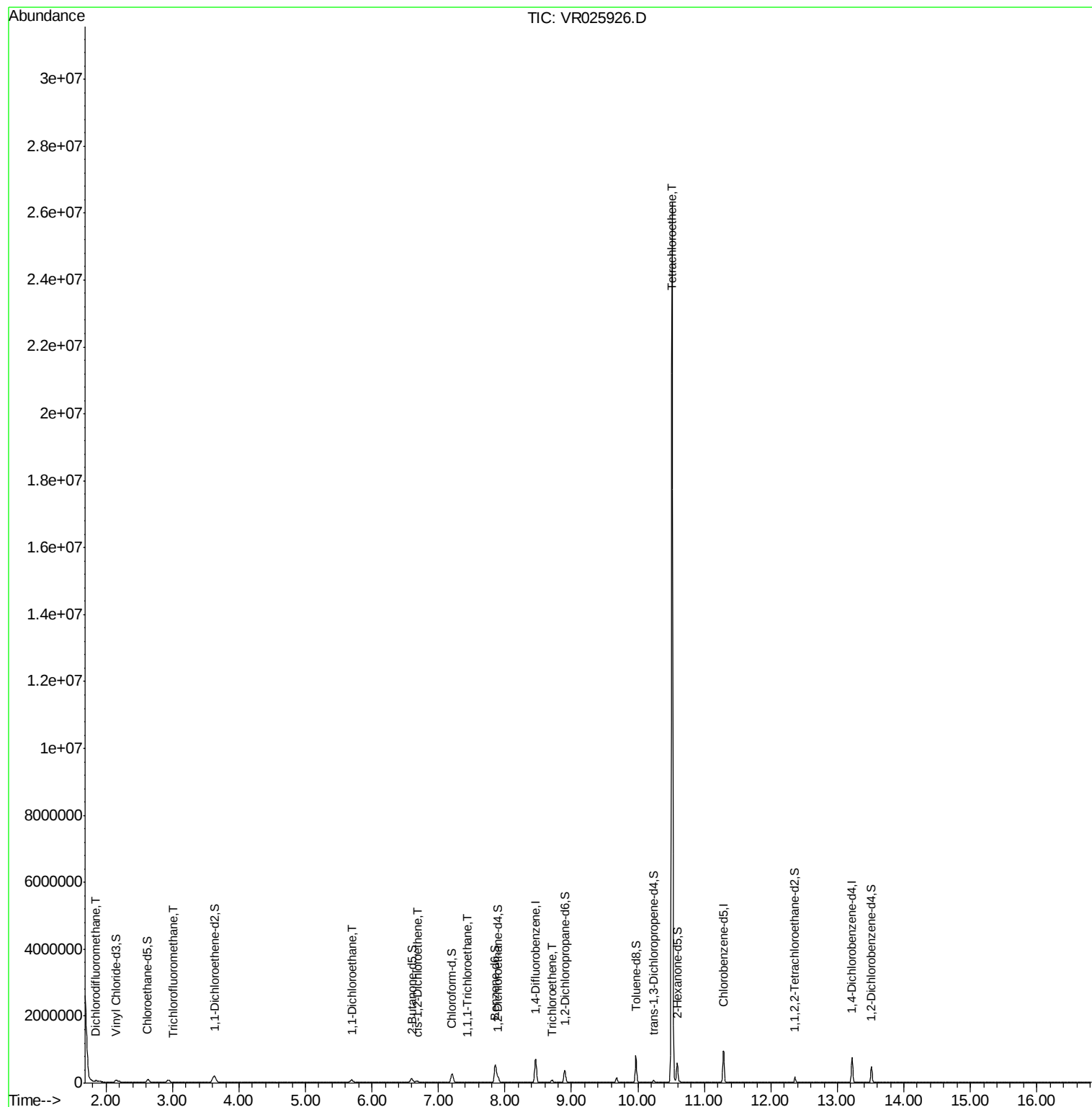
					Ovalue
2) Dichlorodifluoromethane	1.84	85	19129	0.667 ug/L	98
9) Trichlorofluoromethane	3.01	101	29327m	0.520 ug/L	
19) 1,1-Dichloroethane	5.69	63	108112	1.853 ug/L	98
22) cis-1,2-Dichloroethene	6.68	96	16267	0.549 ug/L #	93
29) 1,1,1-Trichloroethane	7.43	97	11880	0.260 ug/L	98
34) Trichloroethene	8.71	95	22103	0.617 ug/L	94
47) Tetrachloroethene	10.51	164	5311976	240.523 ug/L	83

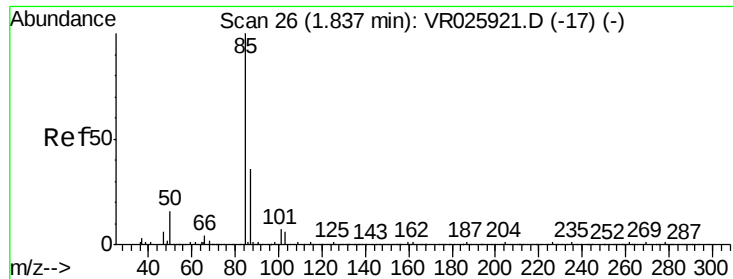
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

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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: 0.667 ug/L

RT: 1.84 min Scan# 27

Delta R.T. 0.01 min

Lab File: VR025926.D

Acq: 2 Oct 2018 14:11

Instrument :

MSVOA_R

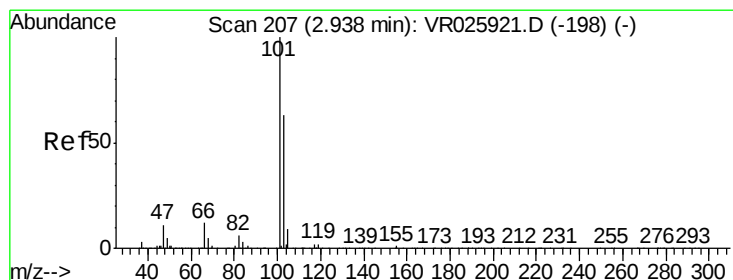
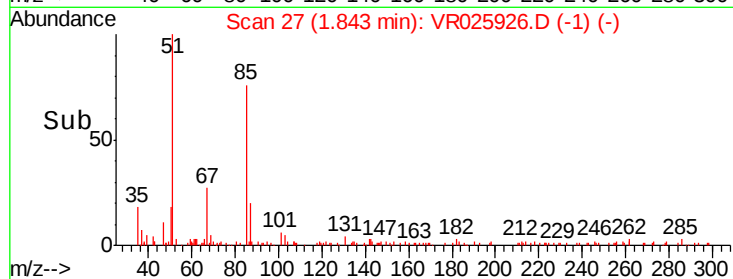
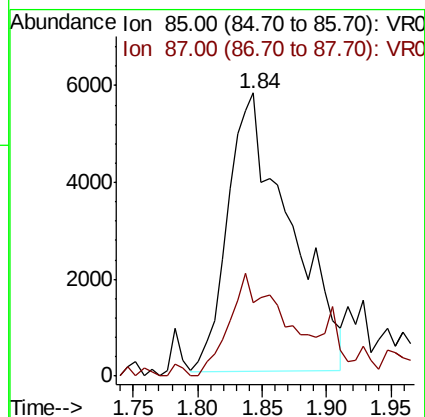
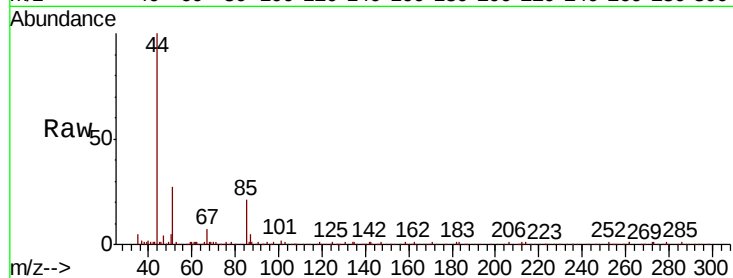
ClientSampleId :

Tot Ion: 85 Resp: 19129

Ion Ratio Lower Upper

85 100

87 32.7 25.1 37.7



#9

Trichlorofluoromethane

Concen: 0.520 ug/L m

RT: 3.01 min Scan# 218

Delta R.T. 0.07 min

Lab File: VR025926.D

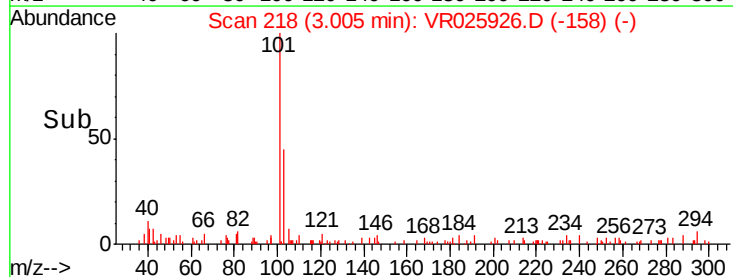
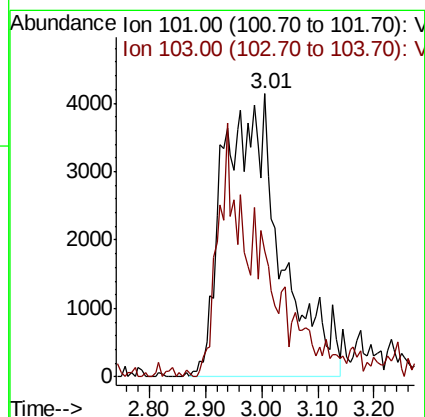
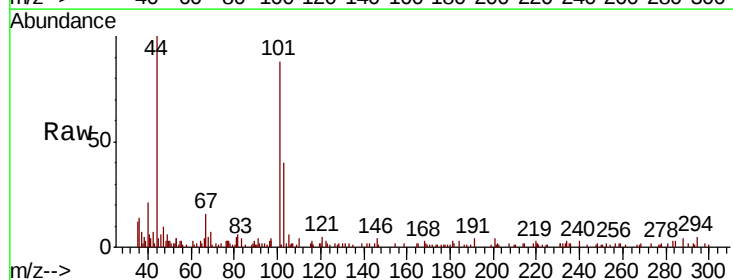
Acq: 2 Oct 2018 14:11

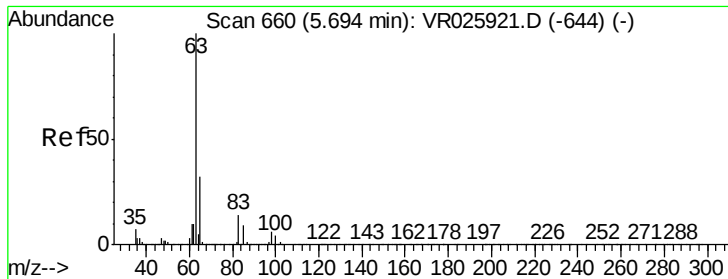
Tgt Ion: 101 Resp: 29327

Ion Ratio Lower Upper

101 100

103 34.7 22.1 33.1#





#19

1,1-Dichloroethane

Concen: 1.853 ug/L

RT: 5.69 min Scan# 660

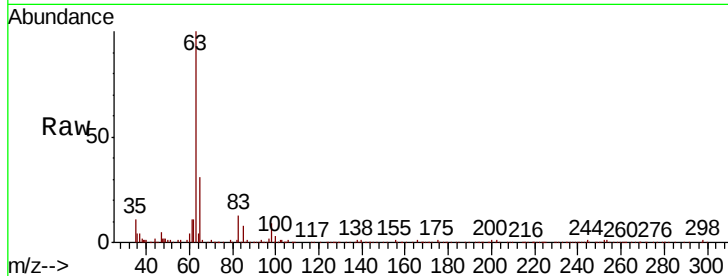
Delta R.T. 0.00 min

Lab File: VR025926.D

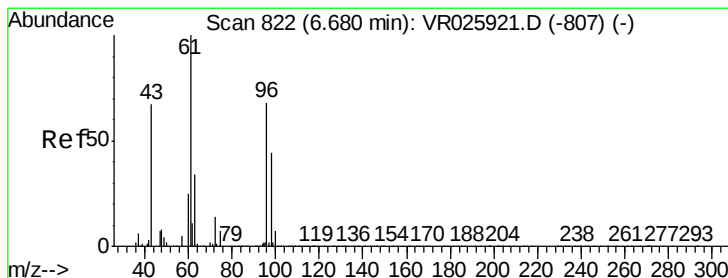
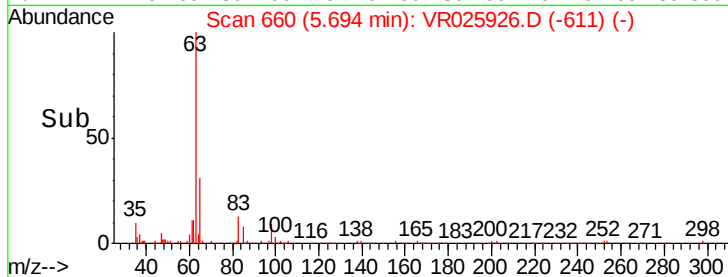
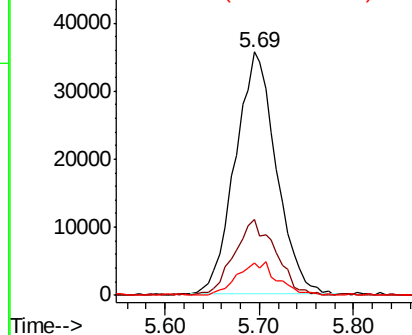
Acq: 2 Oct 2018 14:11

Instrument :
MSVOA_R
ClientSampleId :

Tot Ion:	63	Resp:	108112
Ion	Ratio	Lower	Upper
63	100		
65	31.3	21.1	39.1
83	13.4	8.9	16.5



Abundance Ion 63.10 (62.80 to 63.80): VR0
Ion 65.10 (64.80 to 65.80): VR0
Ion 83.05 (82.75 to 83.75): VR0



#22

cis-1,2-Dichloroethene

Concen: 0.549 ug/L

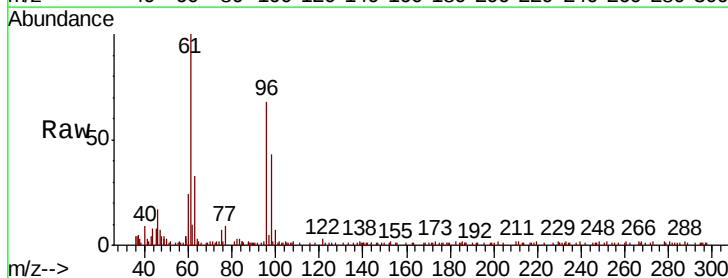
RT: 6.68 min Scan# 822

Delta R.T. 0.00 min

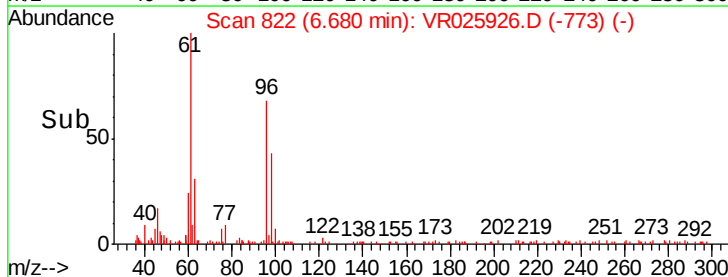
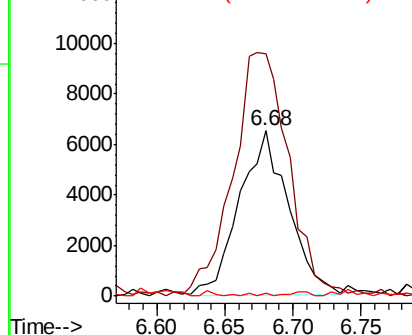
Lab File: VR025926.D

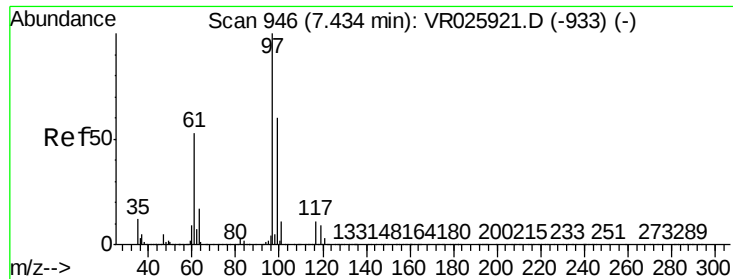
Acq: 2 Oct 2018 14:11

Tgt Ion:	96	Resp:	16267
Ion	Ratio	Lower	Upper
96	100		
61	146.5	108.7	201.9
68	1.5	0.1	0.1#



Abundance Ion 96.00 (95.70 to 96.70): VR0
Ion 61.05 (60.75 to 61.75): VR0
Ion 68.15 (67.85 to 68.85): VR0

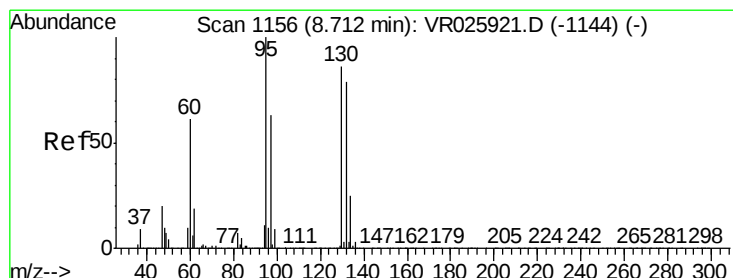
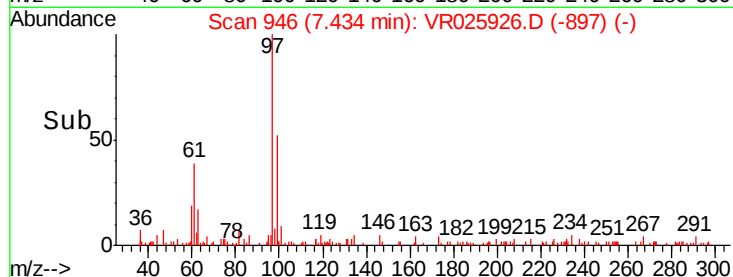
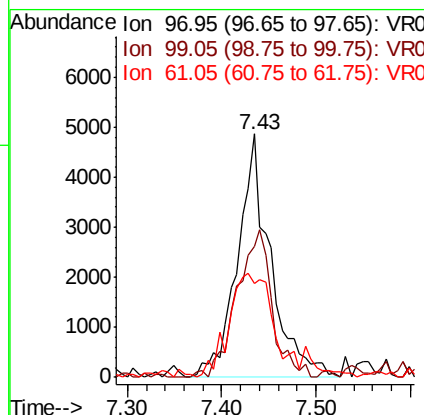
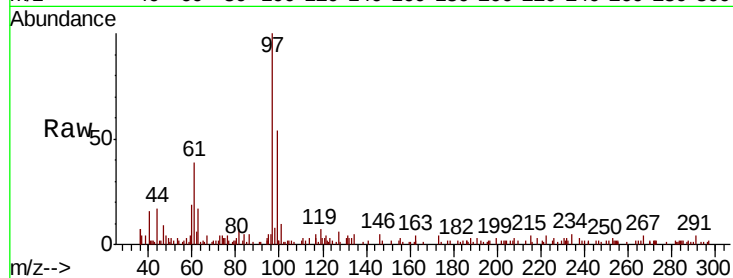




#29
1,1,1-Trichloroethane
Concen: 0.260 ug/L
RT: 7.43 min Scan# 946
Delta R.T. 0.00 min
Lab File: VR025926.D
Acq: 2 Oct 2018 14:11

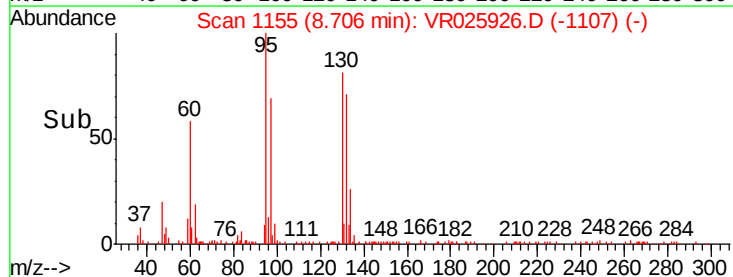
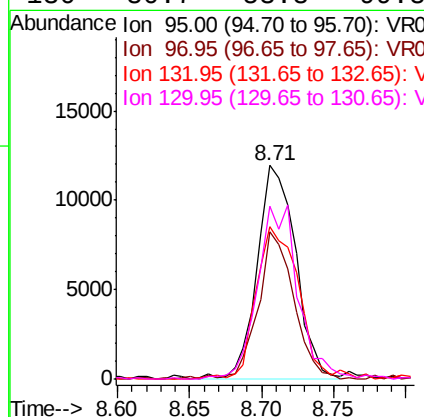
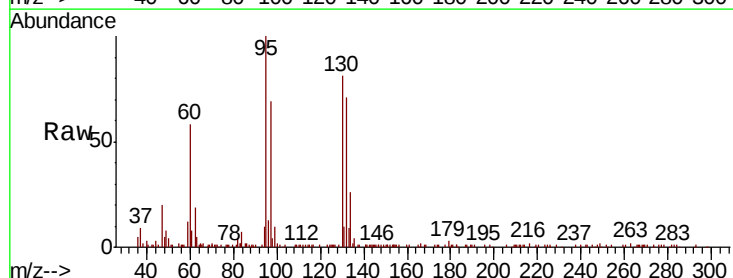
Instrument :
MSVOA_R
ClientSampleId :

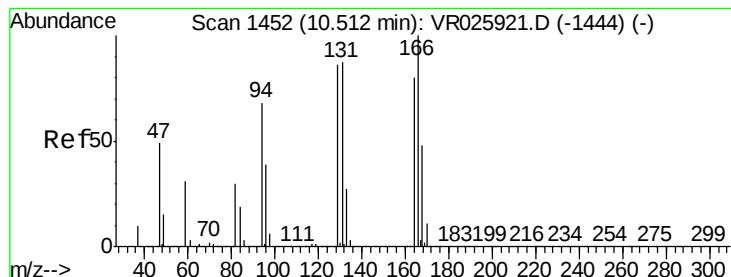
Tot Ion: 97 Resp: 11880
Ion Ratio Lower Upper
97 100
99 64.6 51.0 76.6
61 54.4 41.6 62.4



#34
Trichloroethene
Concen: 0.617 ug/L
RT: 8.71 min Scan# 1155
Delta R.T. -0.01 min
Lab File: VR025926.D
Acq: 2 Oct 2018 14:11

Tgt Ion: 95 Resp: 22103
Ion Ratio Lower Upper
95 100
97 68.8 43.9 81.5
132 71.3 53.3 98.9
130 80.7 53.8 99.8





#47

Tetrachloroethene

Concen: 240.523 ug/L

RT: 10.51 min Scan# 1452

Delta R.T. 0.00 min

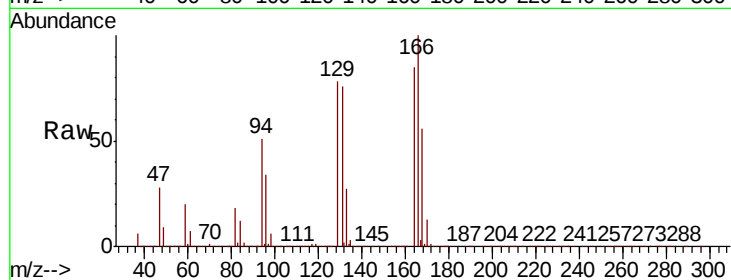
Lab File: VR025926.D

Acq: 2 Oct 2018 14:11

Instrument :

MSVOA_R

ClientSampleId :



Tot Ion:164 Resp: 5311976

Ion Ratio Lower Upper

164 100

129 92.0 80.8 150.2

131 89.0 74.5 138.3

166 117.8 92.5 171.7

