

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR101218\
 Data File : VR026066.D
 Acq On : 12 Oct 2018 17:44
 Operator : SY/MD
 Sample : J5315-17
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0JA8

Manual Integrations
 APPROVED

MMDadoda
 10/15/2018 11:29:36 AM

Quant Time: Oct 13 02:17:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 13 00:51:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	476262	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	412309	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	138320	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	144981	3.86	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.20%
7) Chloroethane-d5	2.63	69	141194	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	3.63	63	268326	3.04	ug/L	0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.80%
20) 2-Butanone-d5	6.59	46	206716	49.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.74%
24) Chloroform-d	7.20	84	262268	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.20%
26) 1,2-Dichloroethane-d4	7.90	65	122024	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
32) Benzene-d6	7.85	84	471554	3.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	68.80%#
36) 1,2-Dichloropropane-d6	8.90	67	144528	3.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.20%
41) Toluene-d8	9.97	98	408076	3.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.40%#
43) trans-1,3-Dichloropropene-	10.23	79	30494	3.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.80%
46) 2-Hexanone-d5	10.59	63	160290	50.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.14%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	63806	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.00%
64) 1,2-Dichlorobenzene-d4	13.52	152	91041	4.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Trichlorofluoromethane	2.93	101	17053m	0.300	ug/L	
12) 1,1-Dichloroethene	3.63	96	20567m	0.572	ug/L	
13) Acetone	3.70	43	10953	3.609	ug/L	76
22) cis-1,2-Dichloroethene	6.69	96	6582m	0.220	ug/L	
31) Carbon tetrachloride	7.63	117	10501	0.262	ug/L	89
34) Trichloroethene	8.71	95	79762	2.189	ug/L	92
47) Tetrachloroethene	10.51	164	84967	3.784	ug/L	95

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

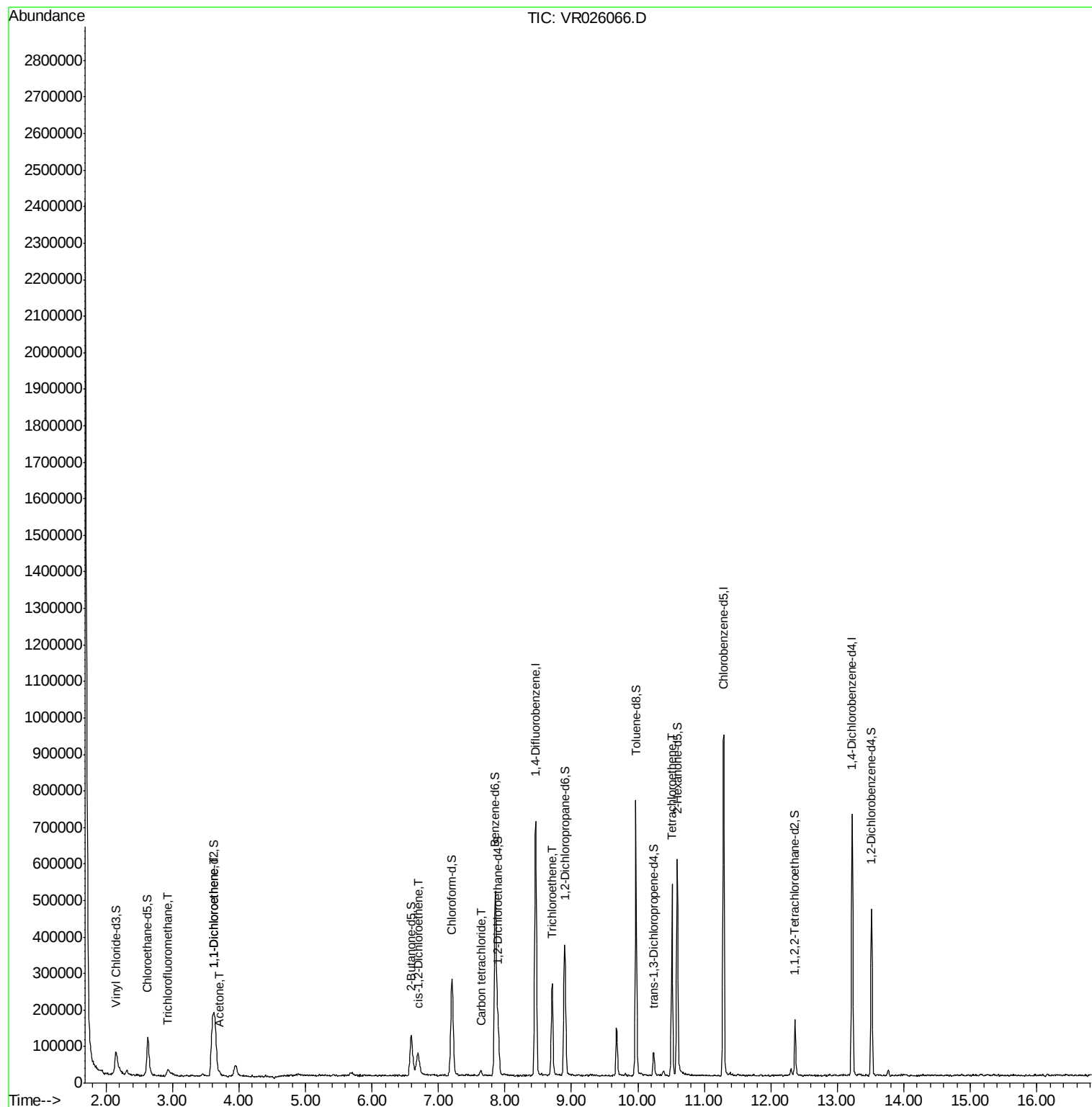
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_R\DATA\VR101218\
Data File : VR026066.D
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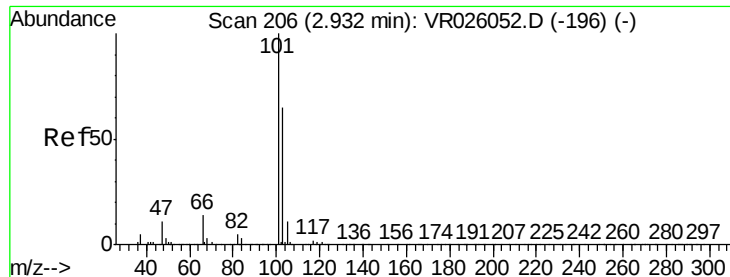
Instrument :
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#9

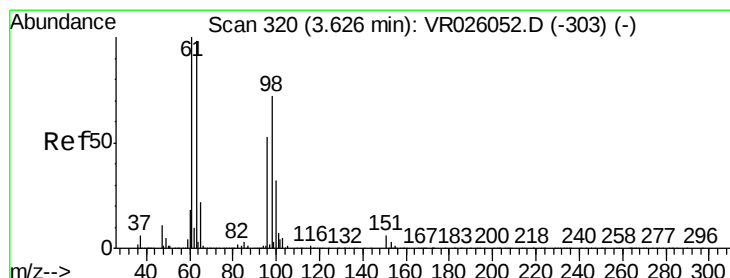
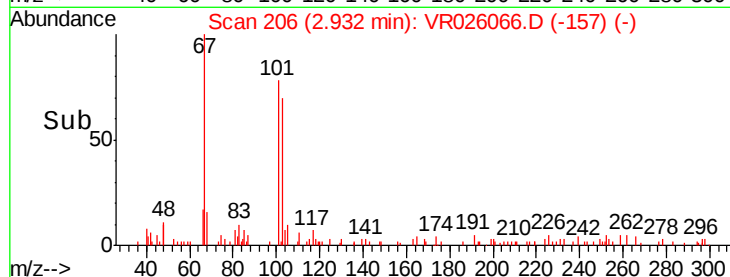
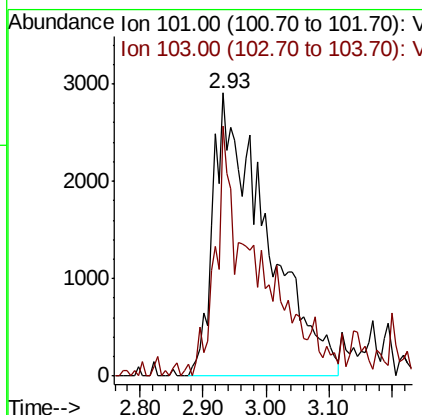
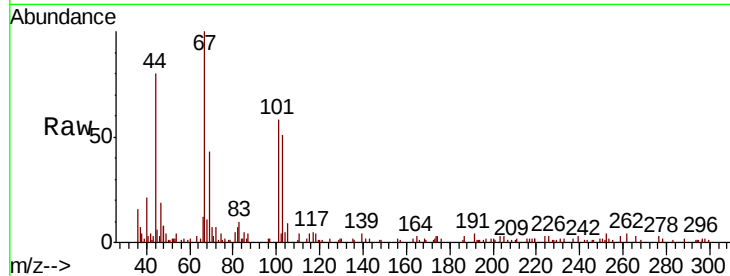
Trichlorofluoromethane
Concen: 0.300 ug/L m
RT: 2.93 min Scan# 206
Delta R.T. -0.00 min
Lab File: VR026066.D
Acq: 12 Oct 2018 17:44

Instrument :
MSVOA_R
ClientSampleId :
C0JA8

Tgt Ion	Ratio	Lower	Upper
101	100		
103	32.7	22.1	33.1

Manual Integrations
APPROVED

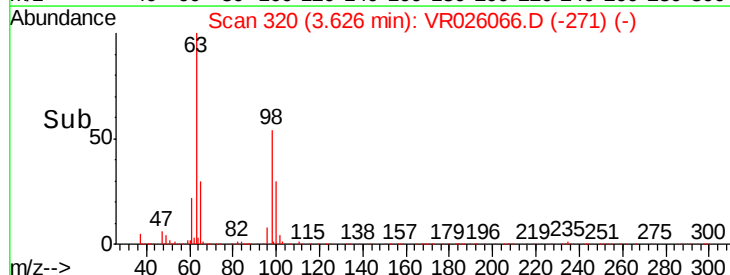
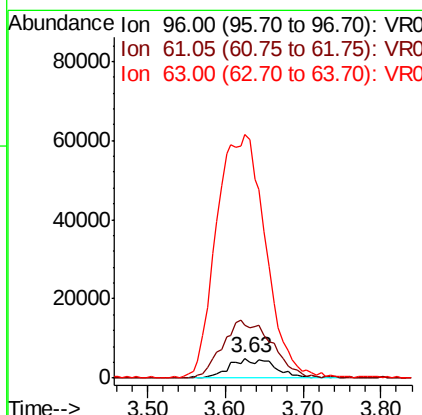
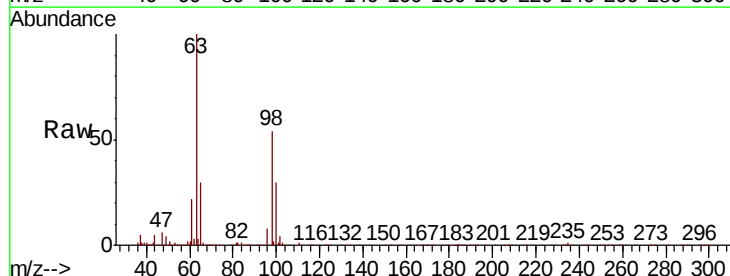
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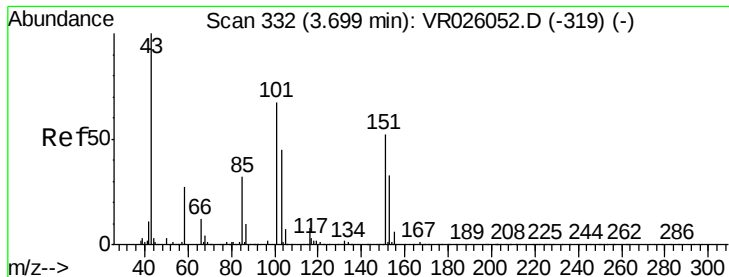


#12

1,1-Dichloroethene
Concen: 0.572 ug/L m
RT: 3.63 min Scan# 320
Delta R.T. -0.00 min
Lab File: VR026066.D
Acq: 12 Oct 2018 17:44

Tgt Ion	Ratio	Lower	Upper
96	100		
61	263.6	145.0	269.4
63	1212.7	123.8	230.0#





#13

Acetone

Concen: 3.609 ug/L

RT: 3.70 min Scan# 333

Delta R.T. 0.01 min

Lab File: VR026066.D

Acq: 12 Oct 2018 17:44

Instrument :

MSVOA_R

ClientSampleId :

C0JA8

Tgt Ion: 43 Resp: 10953

Ion Ratio Lower Upper

43 100

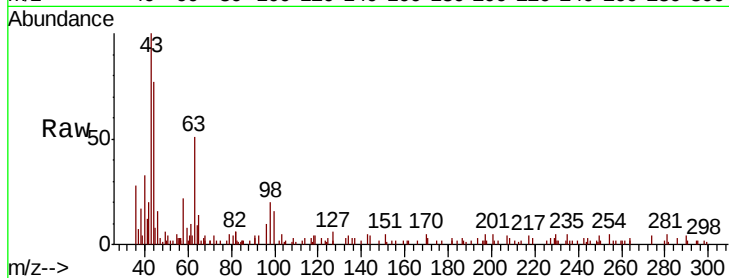
58 13.7 0.0 51.4

Manual Integrations

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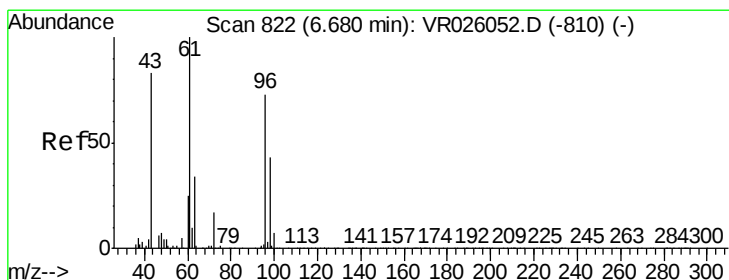
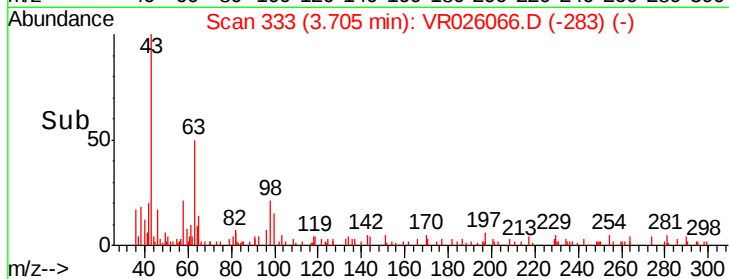
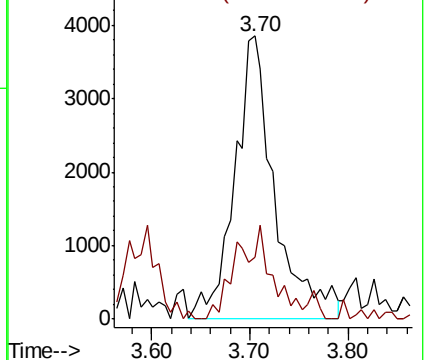
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Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#22

cis-1,2-Dichloroethene

Concen: 0.220 ug/L m

RT: 6.69 min Scan# 824

Delta R.T. 0.01 min

Lab File: VR026066.D

Acq: 12 Oct 2018 17:44

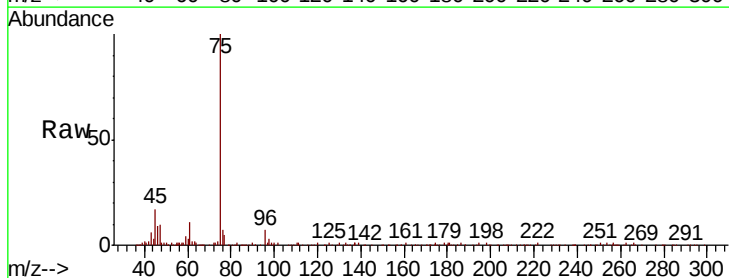
Tgt Ion: 96 Resp: 6582

Ion Ratio Lower Upper

96 100

61 150.3 108.7 201.9

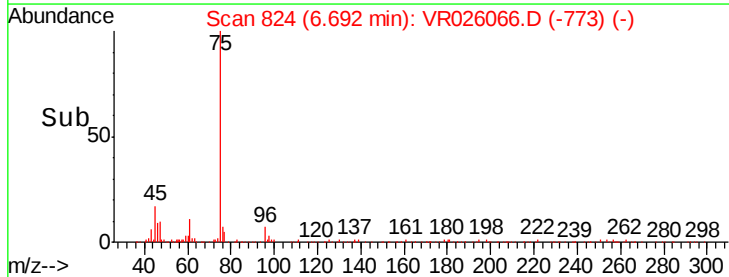
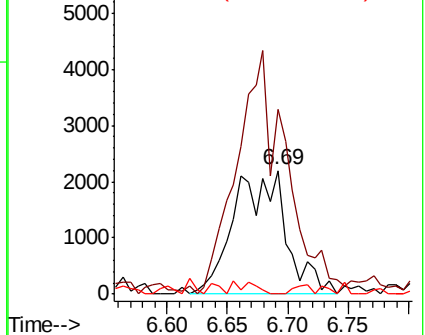
68 0.0 0.1 0.1#

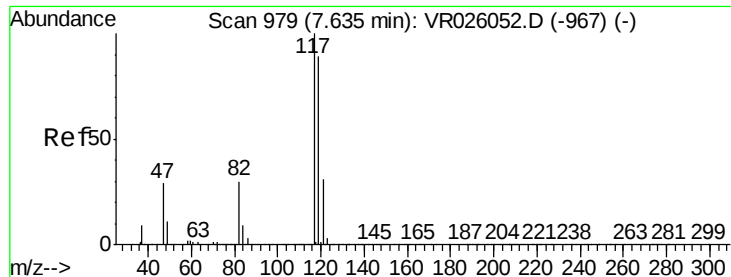


Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 68.15 (67.85 to 68.85): VR0





#31

Carbon tetrachloride

Concen: 0.262 ug/L

RT: 7.63 min Scan# 979

Delta R.T. -0.00 min

Lab File: VR026066.D

Acq: 12 Oct 2018 17:44

Instrument :

MSVOA_R

ClientSampleId :

C0JA8

Tgt Ion:117 Resp: 10501

Ion Ratio Lower Upper

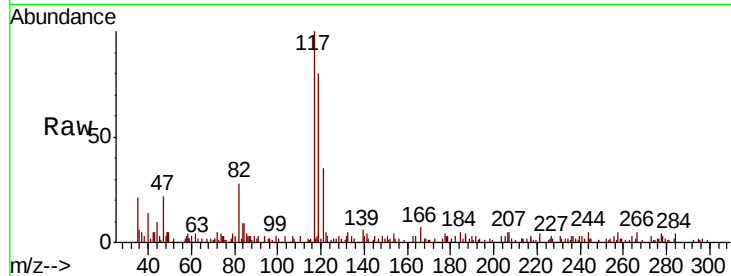
117 100

119 83.5 75.6 113.4

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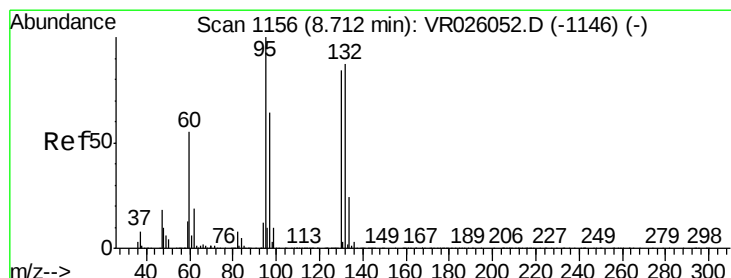
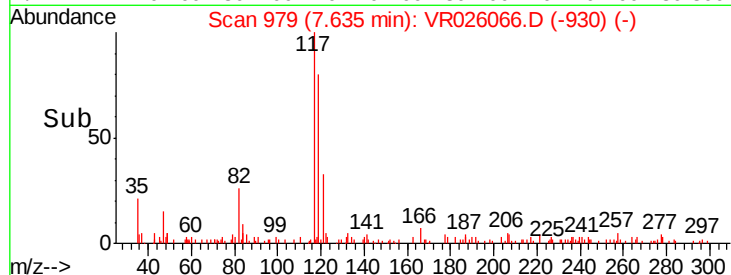
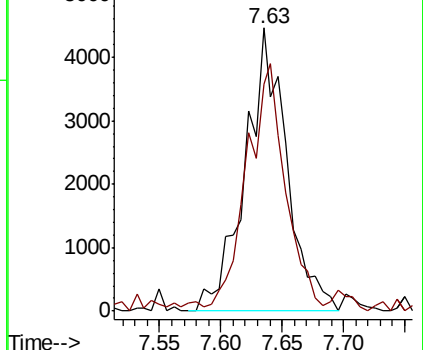
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Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#34

Trichloroethene

Concen: 2.189 ug/L

RT: 8.71 min Scan# 1156

Delta R.T. -0.00 min

Lab File: VR026066.D

Acq: 12 Oct 2018 17:44

Tgt Ion: 95 Resp: 79762

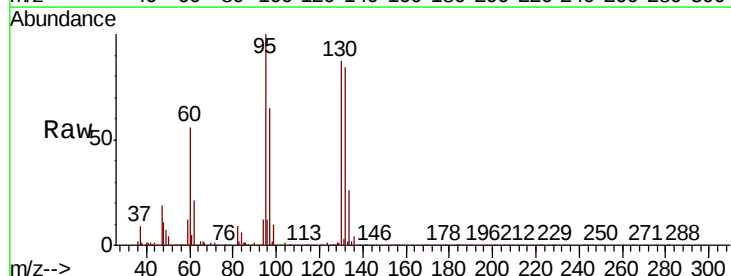
Ion Ratio Lower Upper

95 100

97 64.8 43.9 81.5

132 84.0 53.3 98.9

130 87.5 53.8 99.8

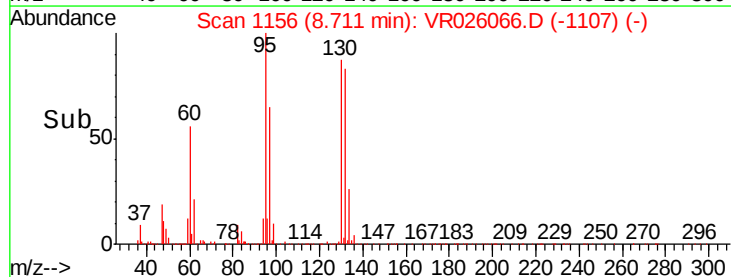
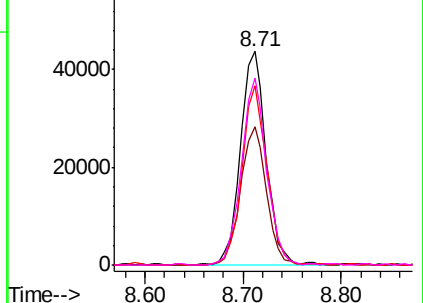


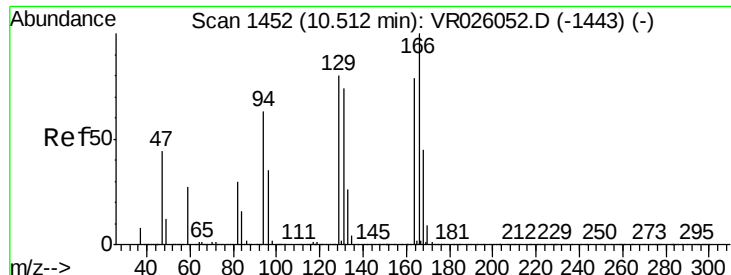
Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 3.784 ug/L

RT: 10.51 min Scan# 1452

Delta R.T. -0.00 min

Lab File: VR026066.D

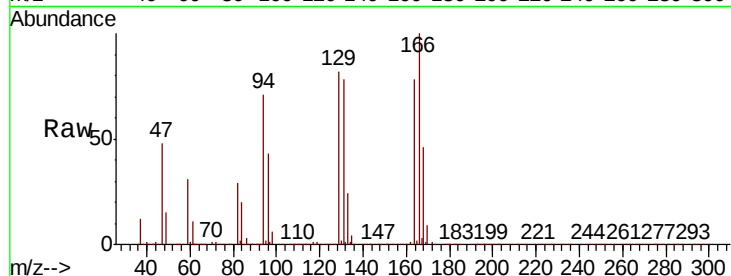
Acq: 12 Oct 2018 17:44

Instrument :

MSVOA_R

ClientSampleId :

C0JA8



Tgt Ion:164 Resp: 84967

Ion Ratio Lower Upper

164 100

129 106.3 80.8 150.2

131 100.8 74.5 138.3

166 128.9 92.5 171.7

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