

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR080918\
 Data File : VR025606.D
 Acq On : 9 Aug 2018 14:51
 Operator : SY/MD
 Sample : J4358-08RE
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWW8RE

Quant Time: Aug 10 06:00:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR073018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 09 04:27:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.47	114	488327	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	436012	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	152550	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	160076	5.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.80%
7) Chloroethane-d5	2.64	69	125688	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.40%
11) 1,1-Dichloroethene-d2	3.64	63	282382	4.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.80%
20) 2-Butanone-d5	6.60	46	179736	71.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	143.74%#
24) Chloroform-d	7.21	84	285087	5.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.40%
26) 1,2-Dichloroethane-d4	7.89	65	106733	6.26	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	125.20%
32) Benzene-d6	7.86	84	638539	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.20%
36) 1,2-Dichloropropane-d6	8.90	67	173312	5.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.80%
41) Toluene-d8	9.97	98	585713	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
43) trans-1,3-Dichloropropene-	10.24	79	38987	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
46) 2-Hexanone-d5	10.59	63	184429	73.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	147.00%#
57) 1,1,2,2-Tetrachloroethane-	12.36	84	80131	5.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	161291	6.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	138.40%#

Target Compounds

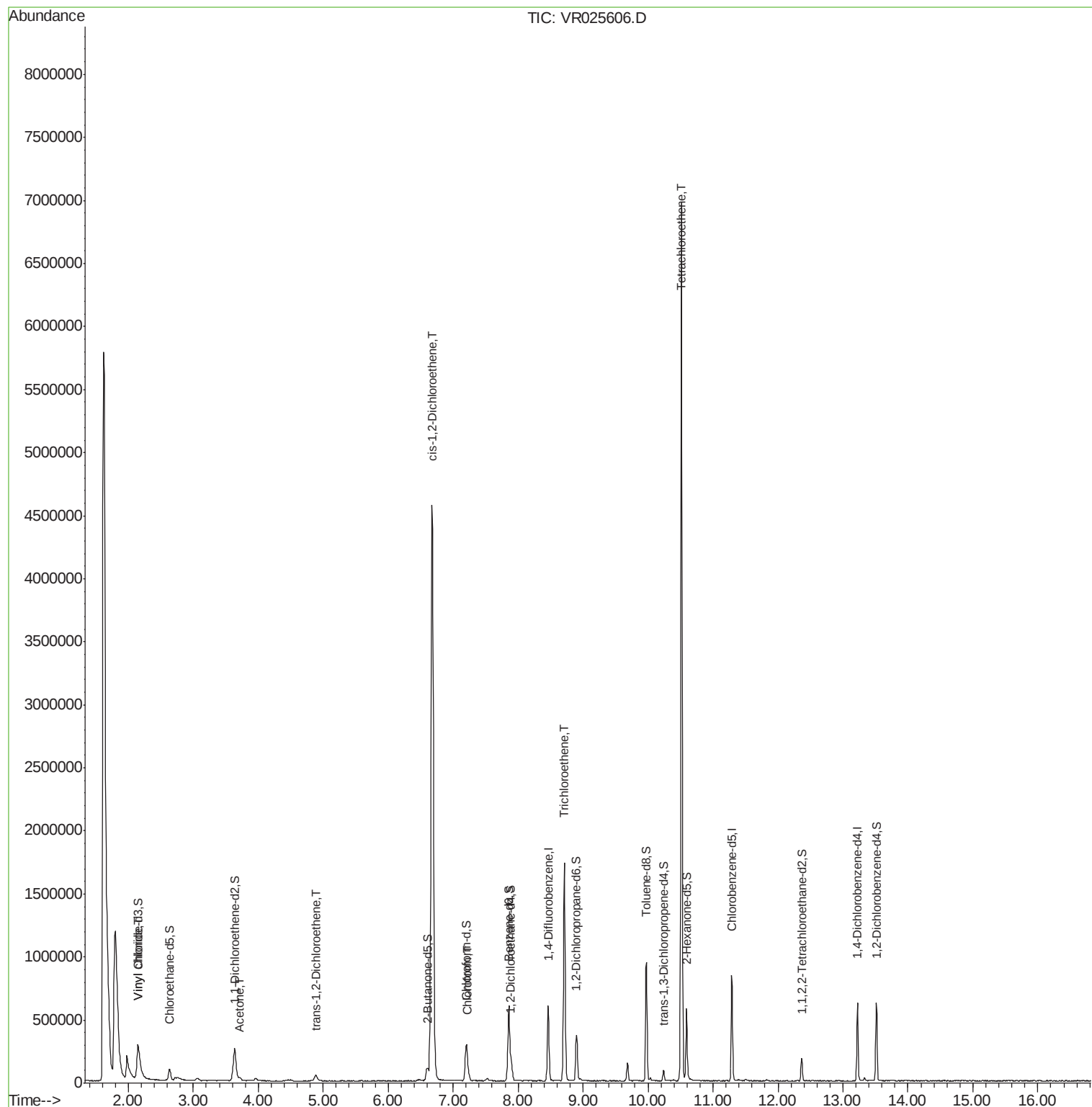
						Ovalue
5) Vinyl chloride	2.15	62	273911	7.42	ug/L	97
13) Acetone	3.71	43	42894	20.40	ug/L	78
18) trans-1,2-Dichloroethene	4.89	96	32552	0.97	ug/L	86
22) cis-1,2-Dichloroethene	6.68	96	2964077	97.15	ug/L	# 95
25) Chloroform	7.23	83	44423	0.92	ug/L	97
34) Trichloroethene	8.71	95	575568	17.18	ug/L	98
47) Tetrachloroethene	10.52	164	1400194	48.85	ug/L	95

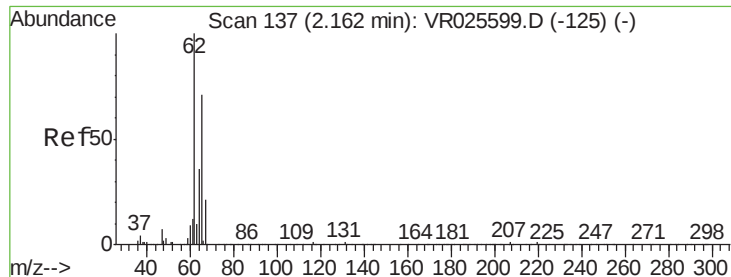
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 7.42 ug/L

RT: 2.15 min Scan# 135

Delta R.T. -0.01 min

Lab File: VR025606.D

Acq: 9 Aug 2018 14:51

Instrument :

MSVOA_R

ClientSampleId :

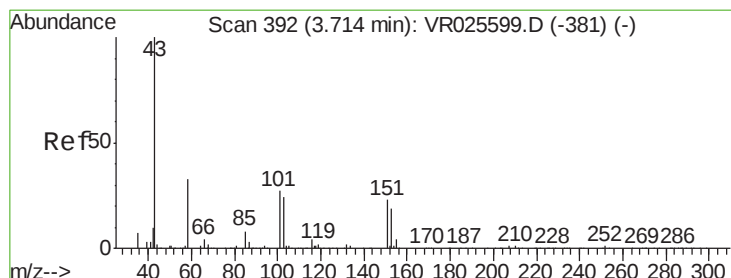
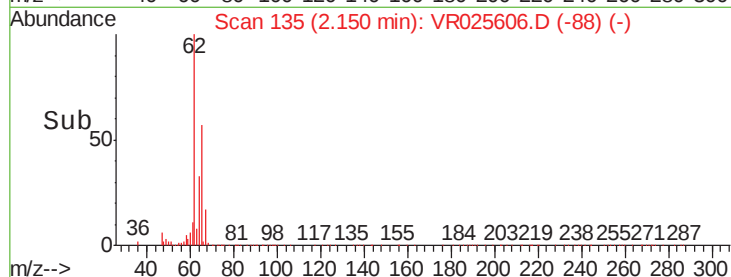
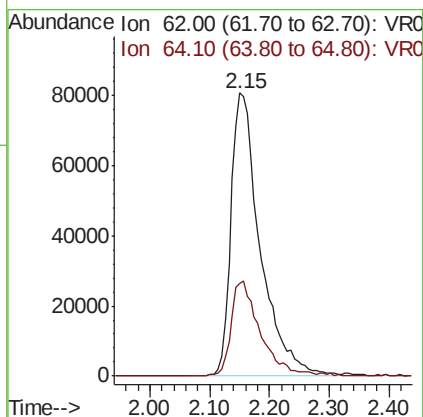
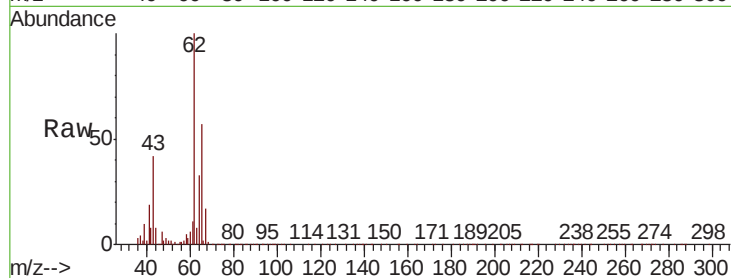
ESWW8RE

Tot Ion: 62 Resp: 273911

Ion Ratio Lower Upper

62 100

64 32.7 24.1 44.8



#13

Acetone

Concen: 20.40 ug/L

RT: 3.71 min Scan# 392

Delta R.T. 0.01 min

Lab File: VR025606.D

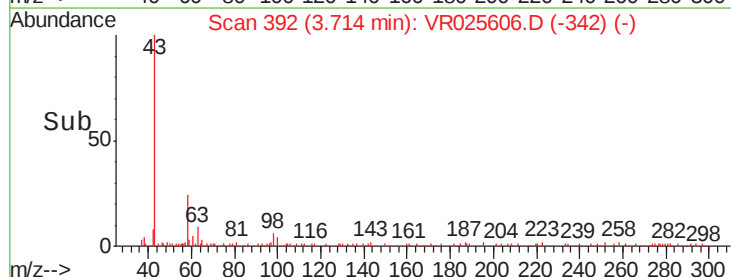
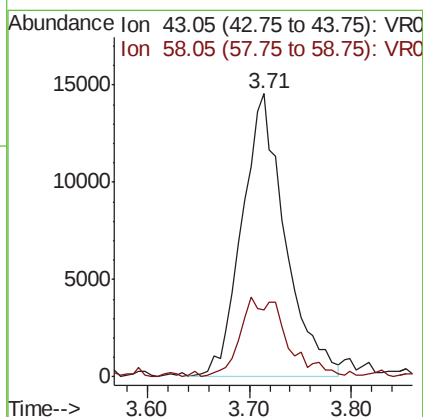
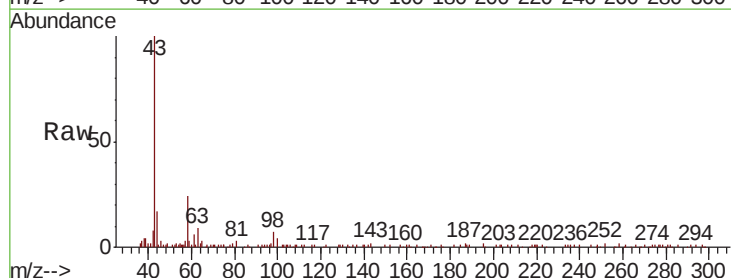
Acq: 9 Aug 2018 14:51

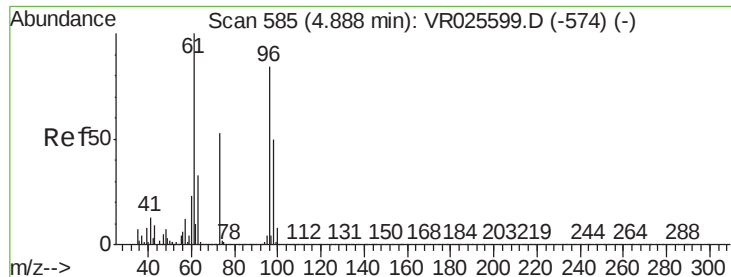
Tgt Ion: 43 Resp: 42894

Ion Ratio Lower Upper

43 100

58 15.5 0.0 53.4





#18

trans-1,2-Dichloroethene

Concen: 0.97 ug/L

RT: 4.89 min Scan# 586

Delta R.T. 0.01 min

Lab File: VR025606.D

Acq: 9 Aug 2018 14:51

Instrument :

MSVOA_R

ClientSampleId :

ESWW8RE

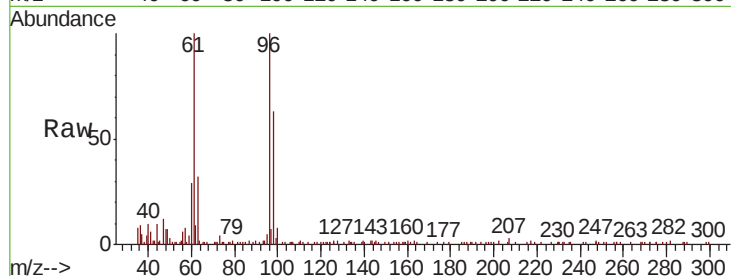
Tot Ion: 96 Resp: 32552

Ion Ratio Lower Upper

96 100

61 100.2 85.5 158.9

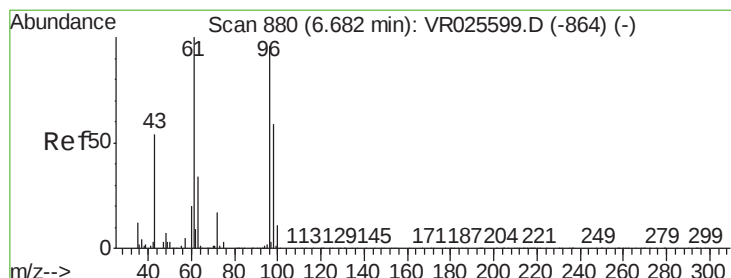
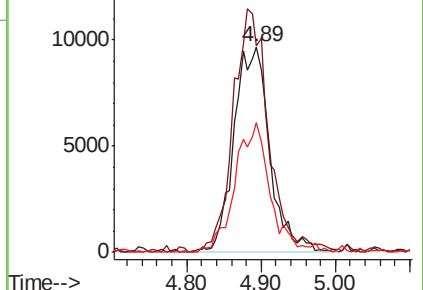
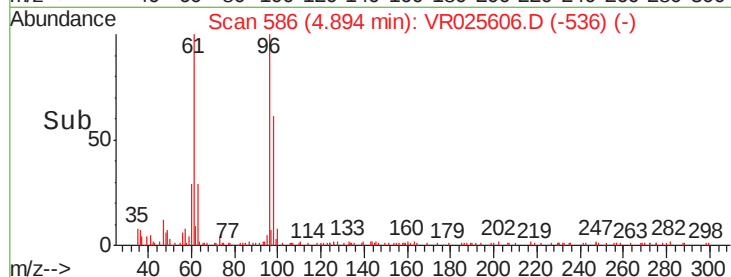
98 62.9 42.1 78.1



Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 97.95 (97.65 to 98.65): VR0



#22

cis-1,2-Dichloroethene

Concen: 97.15 ug/L

RT: 6.68 min Scan# 879

Delta R.T. 0.00 min

Lab File: VR025606.D

Acq: 9 Aug 2018 14:51

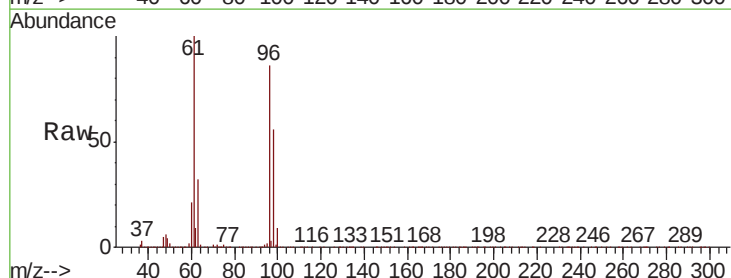
Tgt Ion: 96 Resp: 2964077

Ion Ratio Lower Upper

96 100

61 116.8 77.7 144.3

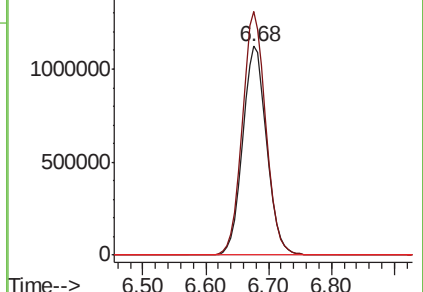
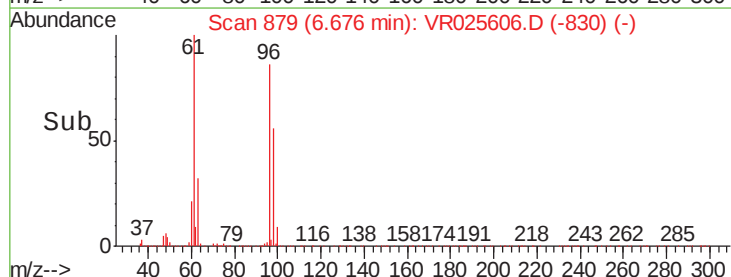
68 0.0 0.0 0.0#

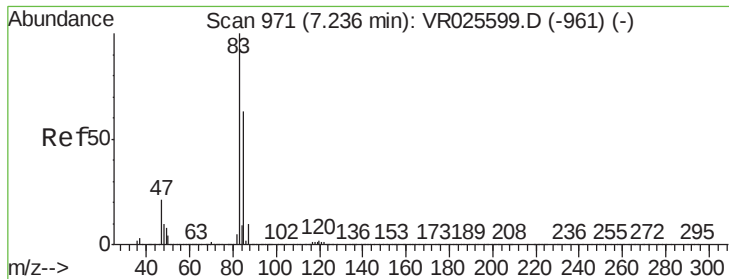


Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 68.15 (67.85 to 68.85): VR0

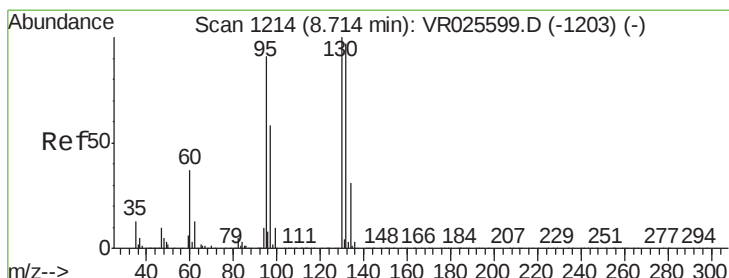
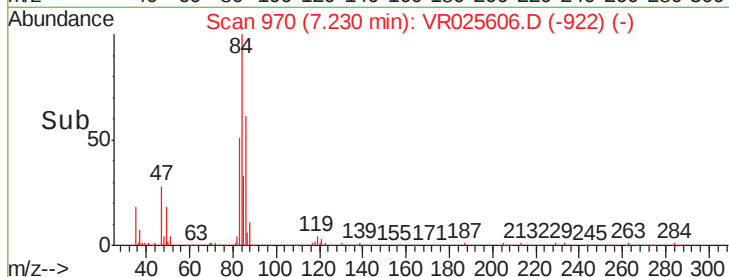
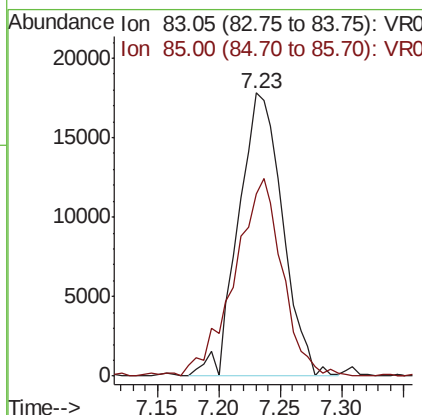
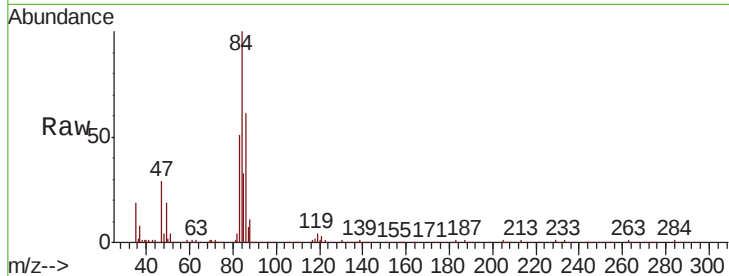




#25
Chloroform
Concen: 0.92 ug/L
RT: 7.23 min Scan# 970
Delta R.T. -0.01 min
Lab File: VR025606.D
Acq: 9 Aug 2018 14:51

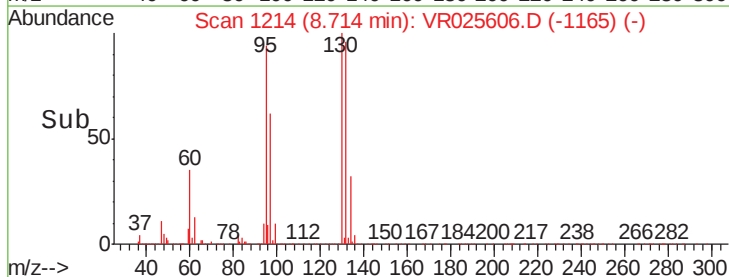
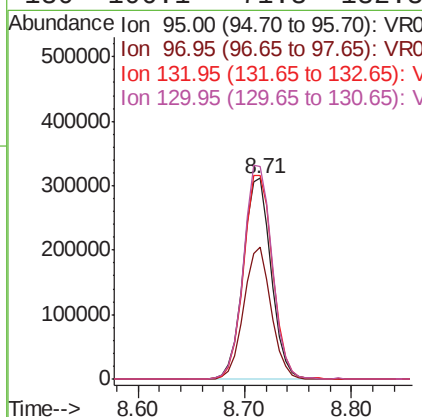
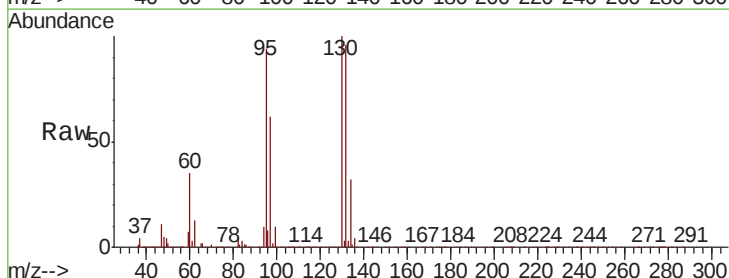
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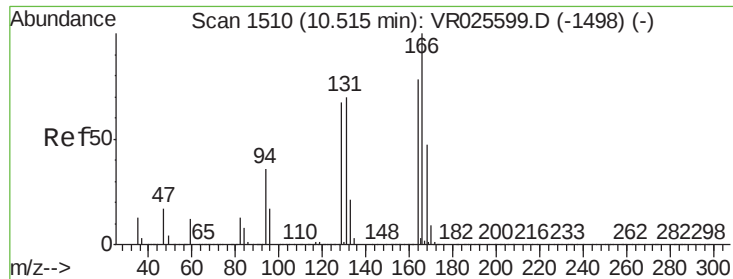
Tot Ion: 83 Resp: 44423
Ion Ratio Lower Upper
83 100
85 64.2 46.5 86.3



#34
Trichloroethene
Concen: 17.18 ug/L
RT: 8.71 min Scan# 1214
Delta R.T. 0.00 min
Lab File: VR025606.D
Acq: 9 Aug 2018 14:51

Tgt Ion: 95 Resp: 575568
Ion Ratio Lower Upper
95 100
97 65.7 46.7 86.7
132 101.3 71.7 133.1
130 106.1 71.3 132.3





#47

Tetrachloroethene

Concen: 48.85 ug/L

RT: 10.52 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VR025606.D

Acq: 9 Aug 2018 14:51

Instrument :

MSVOA_R

ClientSampleId :

ESWW8RE

Tot Ion:164 Resp: 1400194

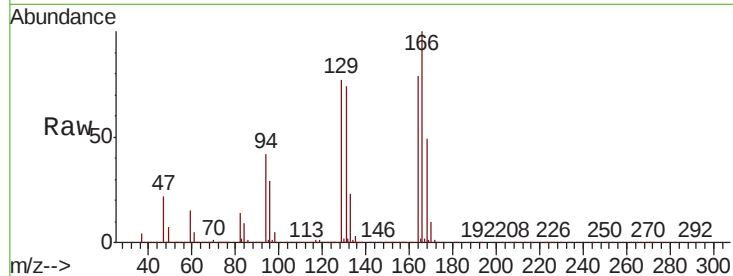
Ion Ratio Lower Upper

164 100

129 97.8 63.0 117.0

131 93.3 60.6 112.6

166 126.8 87.6 162.8



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

