

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

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWW8RE

Quant Time: Aug 10 07:20:59 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

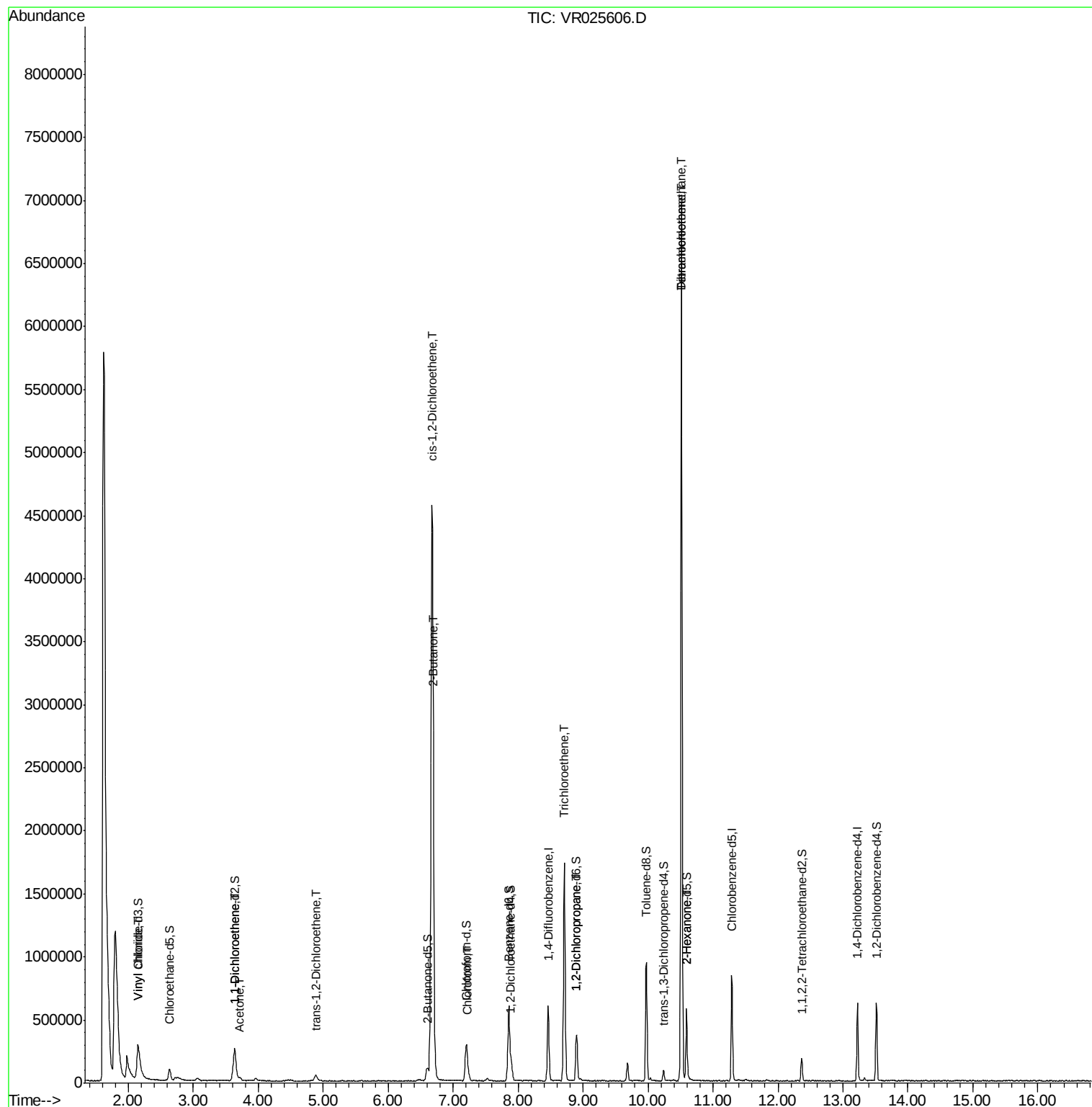
					Qvalue
5) Vinyl chloride	2.15	62	273911	7.424 ug/L	97
12) 1,1-Dichloroethene	3.64	96	9481	0.272 ug/L #	1
13) Acetone	3.71	43	42894	20.404 ug/L	78
18) trans-1,2-Dichloroethene	4.89	96	32552	0.974 ug/L	86
21) 2-Butanone	6.70	43	10916	3.738 ug/L #	1
22) cis-1,2-Dichloroethene	6.68	96	2964077	97.147 ug/L #	95
25) Chloroform	7.23	83	44423	0.918 ug/L	97
34) Trichloroethene	8.71	95	575568	17.181 ug/L	98
37) 1,2-Dichloropropane	8.90	63	18278	0.645 ug/L #	96
47) Tetrachloroethene	10.52	164	1400194	48.851 ug/L	95
48) 2-Hexanone	10.59	43	23729	4.404 ug/L #	67
49) Dibromochloromethane	10.52	129	1039280	62.389 ug/L #	11

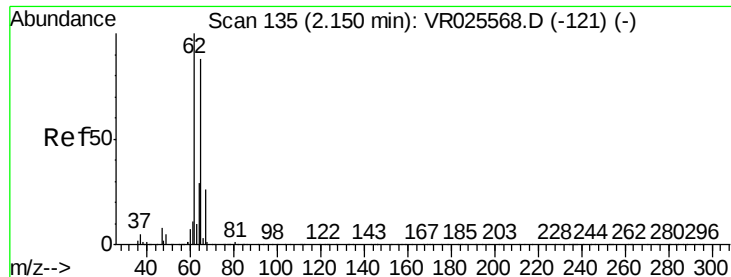
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 09 04:27:17 2018
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#5

Vinyl chloride

Concen: 7.424 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 :

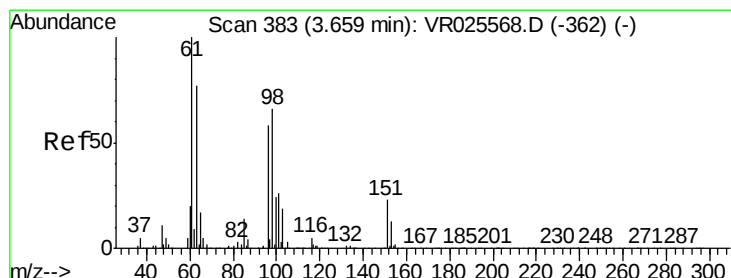
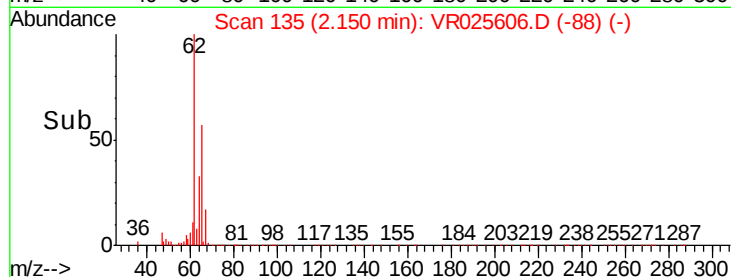
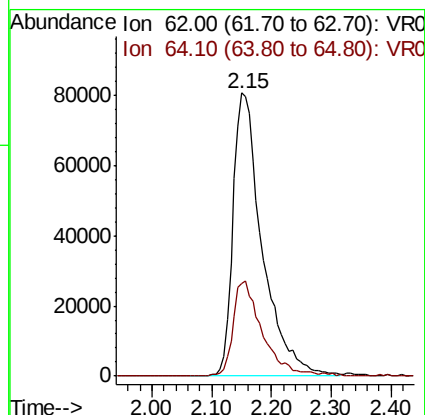
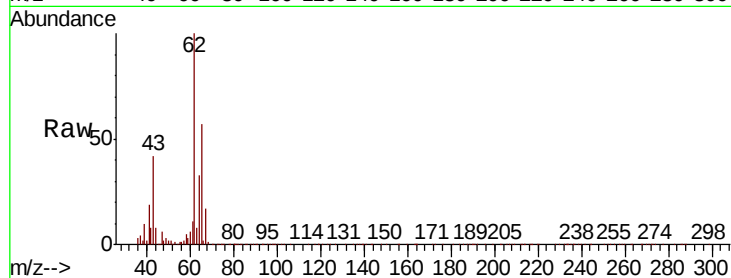
ESWW8RE

Tgt Ion: 62 Resp: 273911

Ion Ratio Lower Upper

62 100

64 32.7 24.1 44.8



#12

1,1-Dichloroethene

Concen: 0.272 ug/L

RT: 3.64 min Scan# 380

Delta R.T. -0.02 min

Lab File: VR025606.D

Acq: 9 Aug 2018 14:51

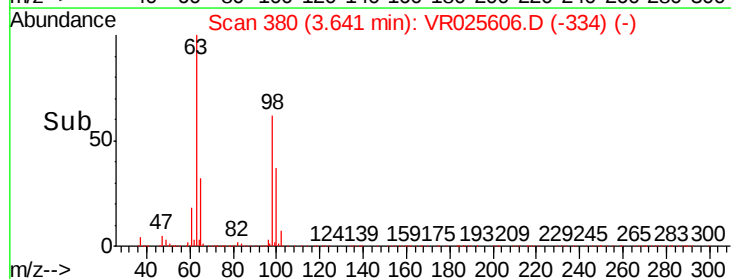
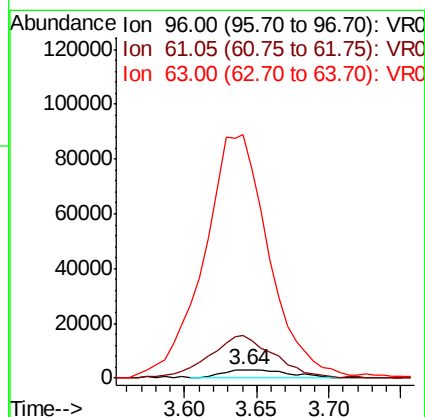
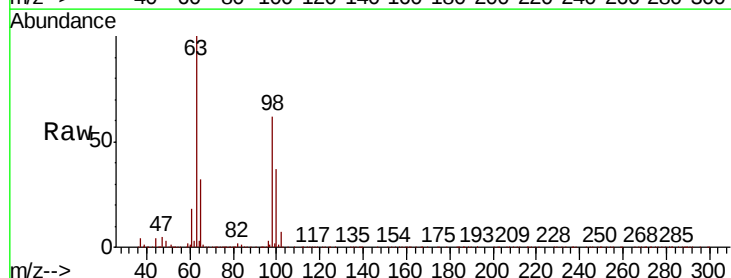
Tgt Ion: 96 Resp: 9481

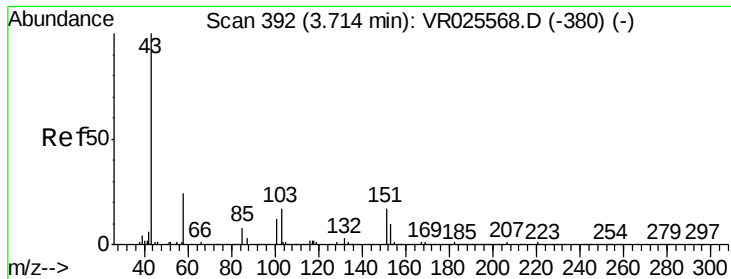
Ion Ratio Lower Upper

96 100

61 525.8 124.3 230.8#

63 2995.5 108.1 200.7#

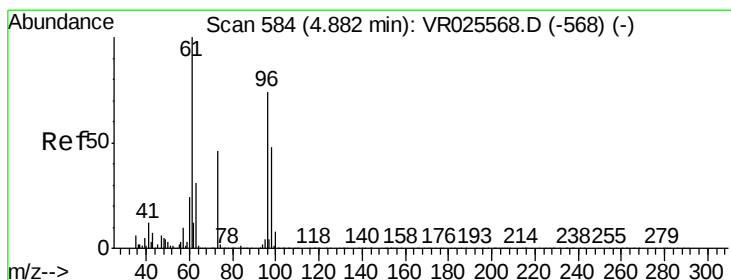
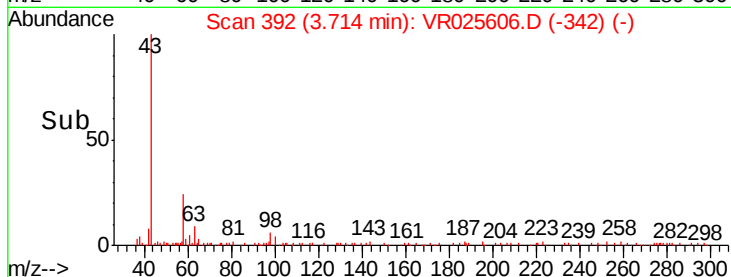
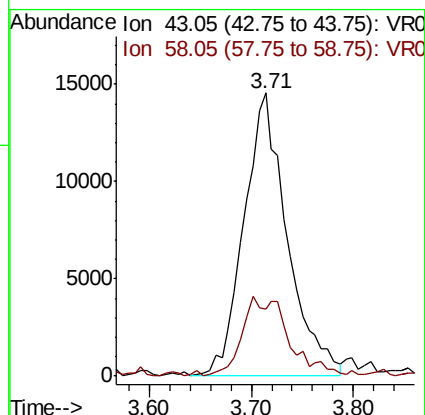
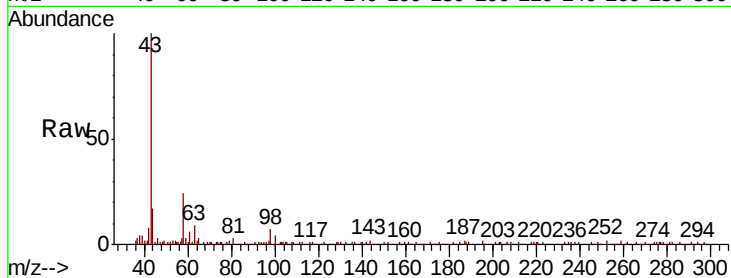




#13
Acetone
Concen: 20.404 ug/L
RT: 3.71 min Scan# 392
Delta R.T. 0.01 min
Lab File: VR025606.D
Acq: 9 Aug 2018 14:51

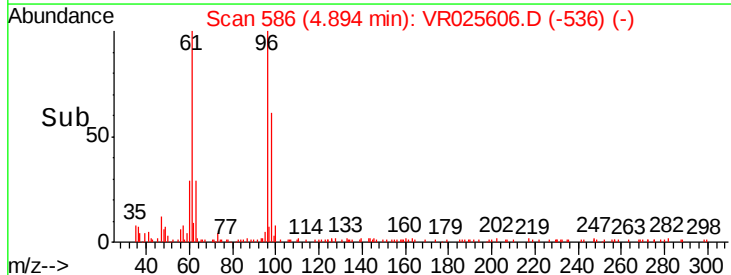
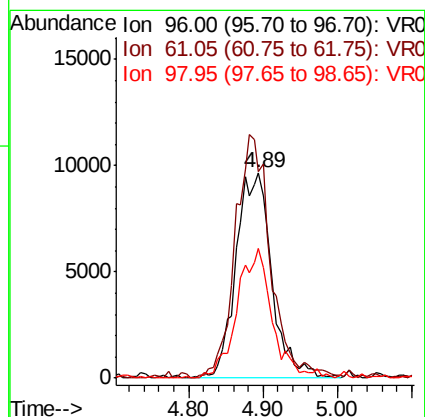
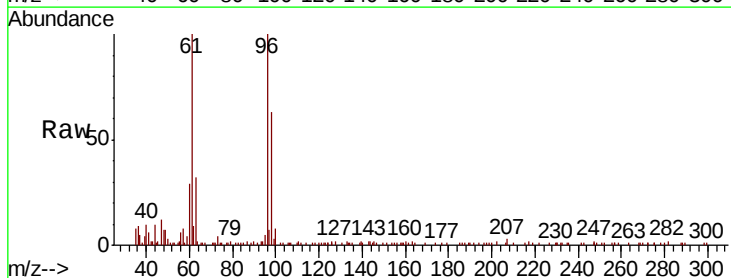
Instrument :
MSVOA_R
ClientSampleId :
ESWW8RE

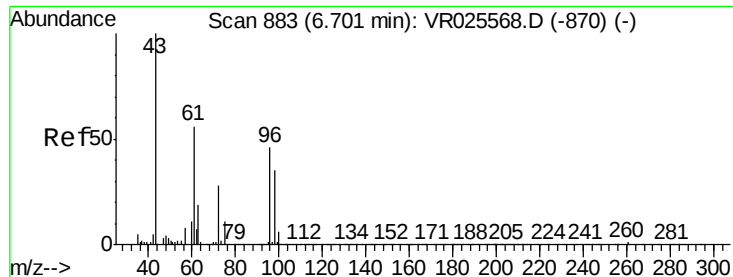
Tgt Ion: 43 Resp: 42894
Ion Ratio Lower Upper
43 100
58 15.5 0.0 53.4



#18
trans-1,2-Dichloroethene
Concen: 0.974 ug/L
RT: 4.89 min Scan# 586
Delta R.T. 0.01 min
Lab File: VR025606.D
Acq: 9 Aug 2018 14:51

Tgt Ion: 96 Resp: 32552
Ion Ratio Lower Upper
96 100
61 100.2 85.5 158.9
98 62.9 42.1 78.1





#21

2-Butanone

Concen: 3.738 ug/L

RT: 6.70 min Scan# 883

Delta R.T. 0.00 min

Lab File: VR025606.D

Acq: 9 Aug 2018 14:51

Instrument :

MSVOA_R

ClientSampleId :

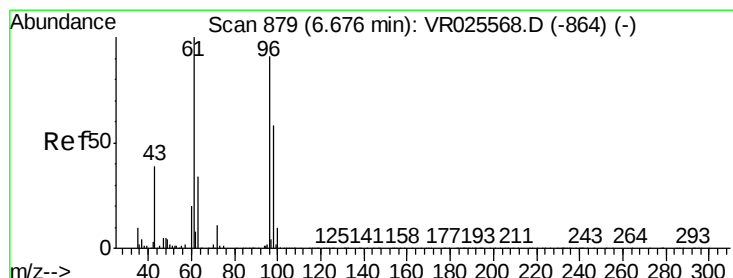
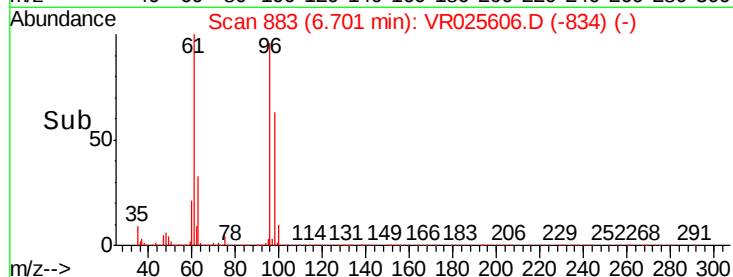
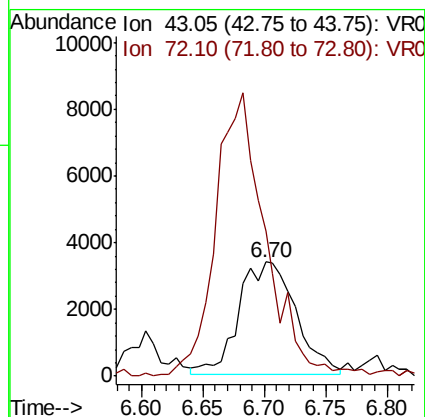
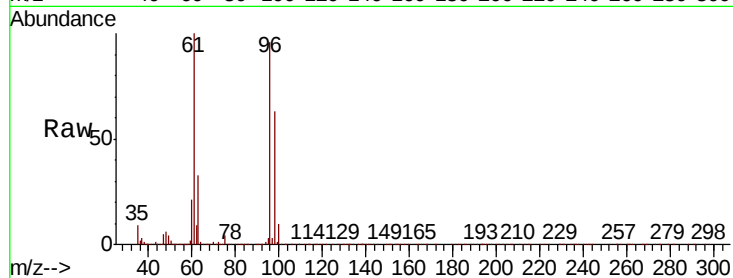
ESWW8RE

Tgt Ion: 43 Resp: 10916

Ion Ratio Lower Upper

43 100

72 218.9 13.2 39.6#



#22

cis-1,2-Dichloroethene

Concen: 97.147 ug/L

RT: 6.68 min Scan# 879

Delta R.T. 0.00 min

Lab File: VR025606.D

Acq: 9 Aug 2018 14:51

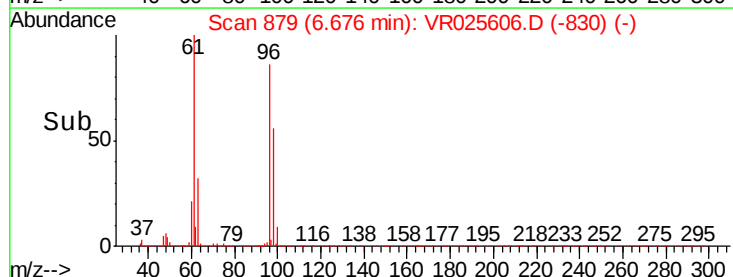
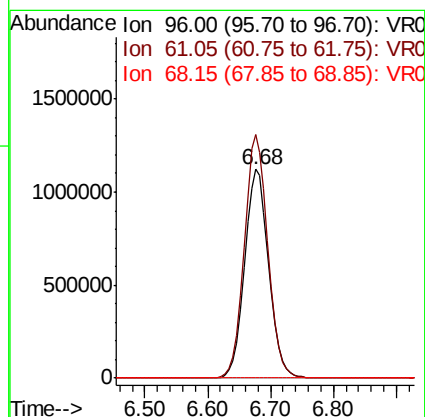
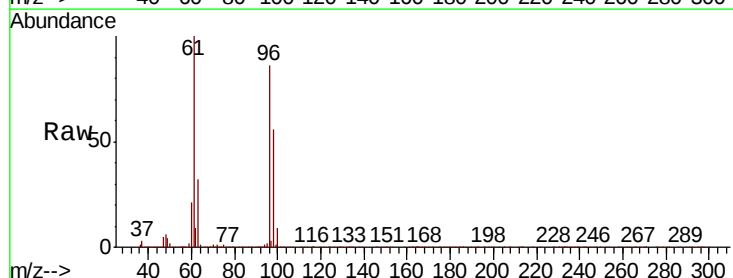
Tgt Ion: 96 Resp: 2964077

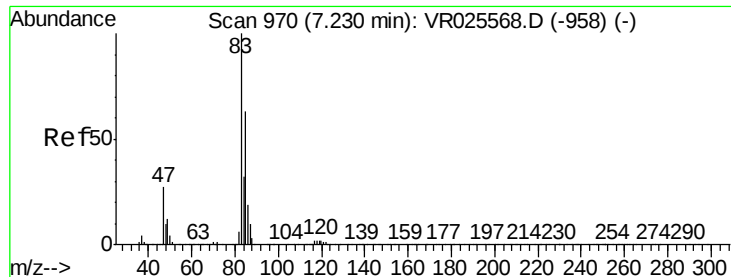
Ion Ratio Lower Upper

96 100

61 116.8 77.7 144.3

68 0.0 0.0 0.0#

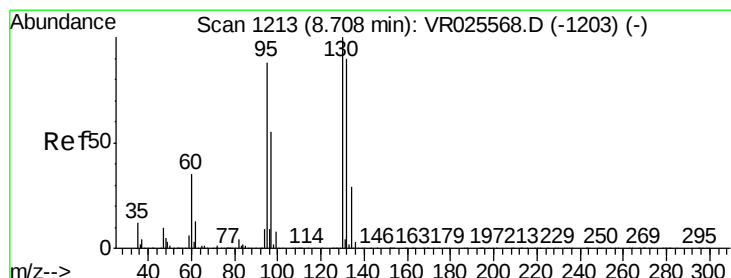
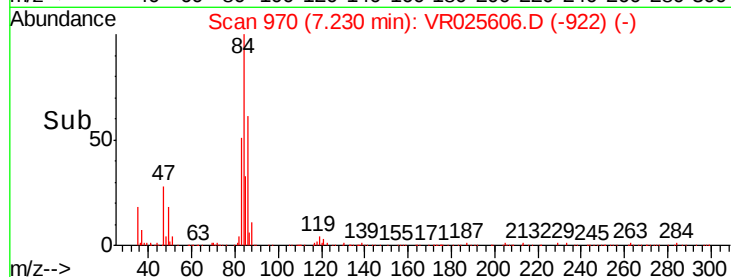
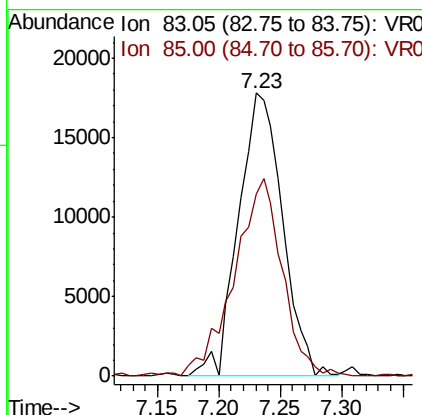
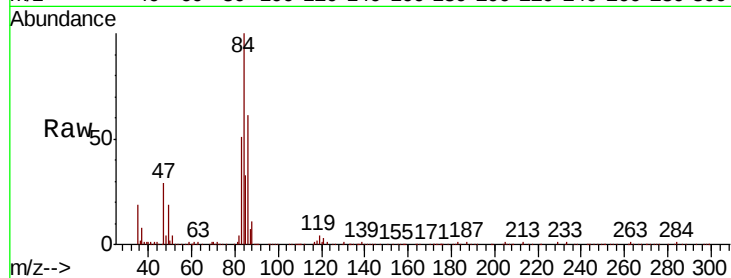




#25
Chloroform
Concen: 0.918 ug/L
RT: 7.23 min Scan# 970
Delta R.T. -0.01 min
Lab File: VR025606.D
Acq: 9 Aug 2018 14:51

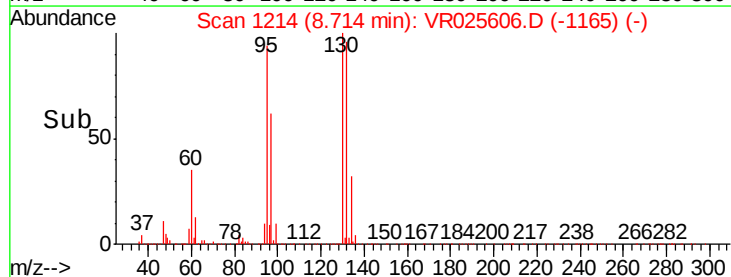
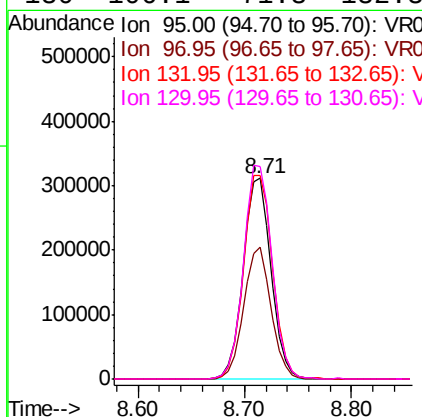
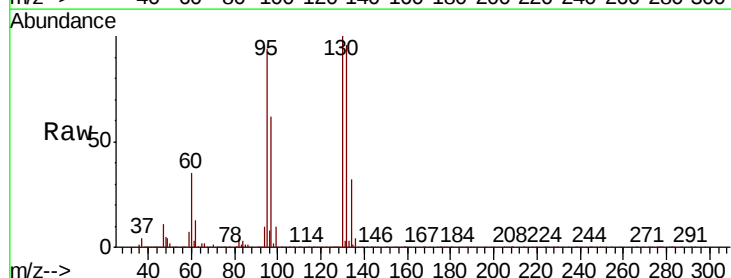
Instrument :
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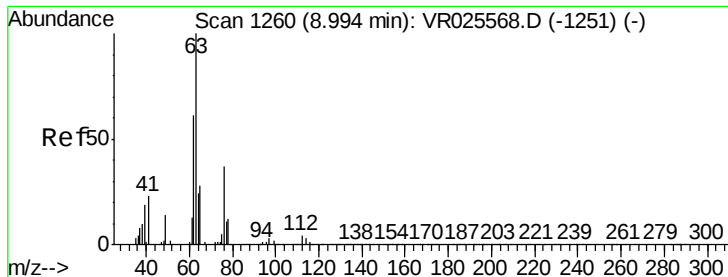
Tgt Ion: 83 Resp: 44423
Ion Ratio Lower Upper
83 100
85 64.2 46.5 86.3



#34
Trichloroethene
Concen: 17.181 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





#37

1,2-Dichloropropane

Concen: 0.645 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.10 min

Lab File: VR025606.D

Acq: 9 Aug 2018 14:51

Instrument :

MSVOA_R

ClientSampleId :

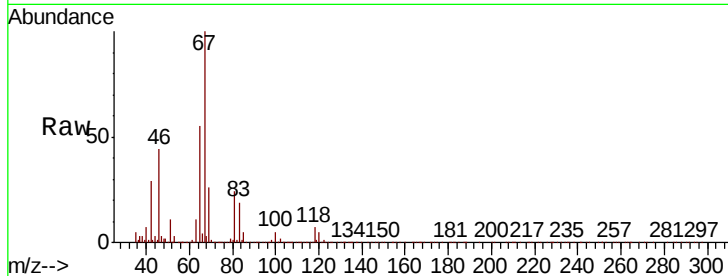
ESWW8RE

Tgt Ion: 63 Resp: 18278

Ion Ratio Lower Upper

63 100

112 2.8 3.3 4.9#



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V

8.90

10000

8000

6000

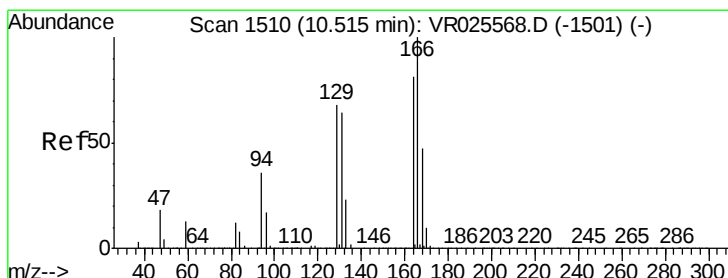
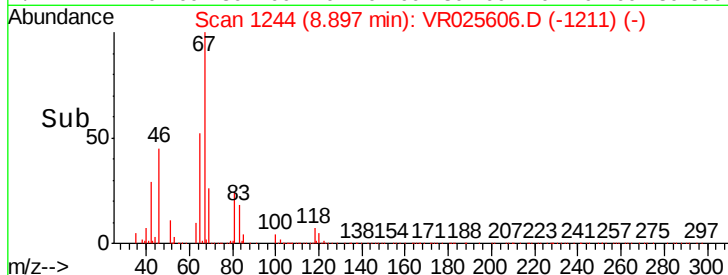
4000

2000

0

8.85 8.90 8.95

Time-->



#47

Tetrachloroethene

Concen: 48.851 ug/L

RT: 10.52 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VR025606.D

Acq: 9 Aug 2018 14:51

Tgt Ion: 164 Resp: 1400194

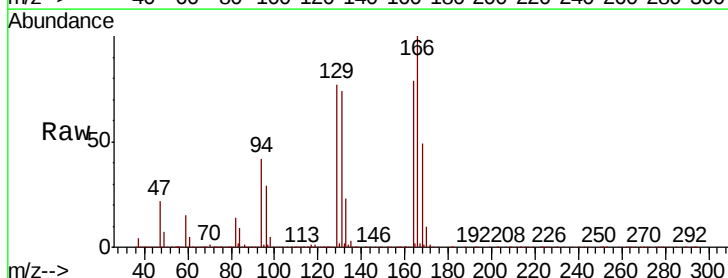
Ion Ratio Lower Upper

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

1500000

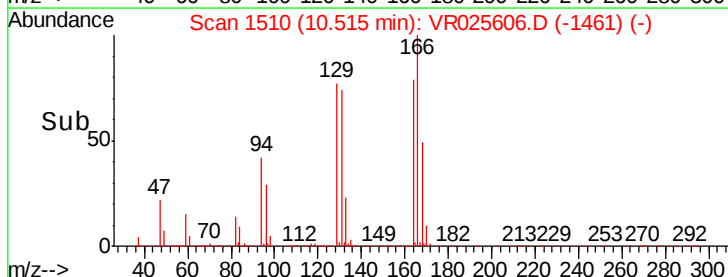
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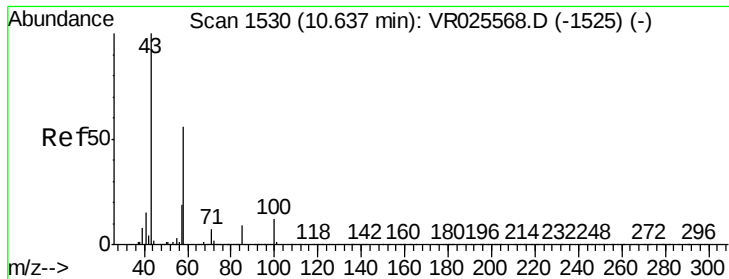
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0

10.40 10.50 10.60

Time-->

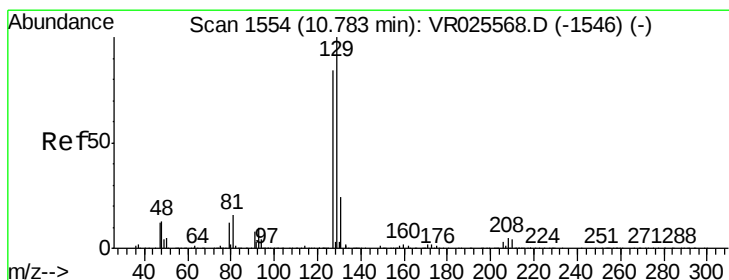
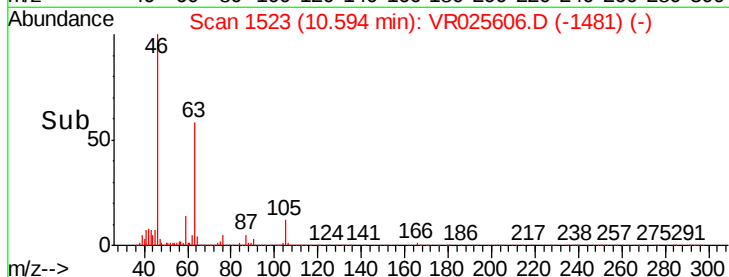
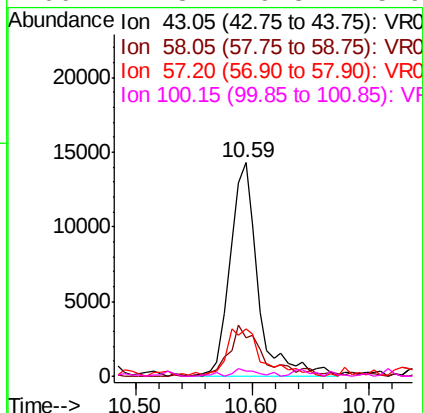
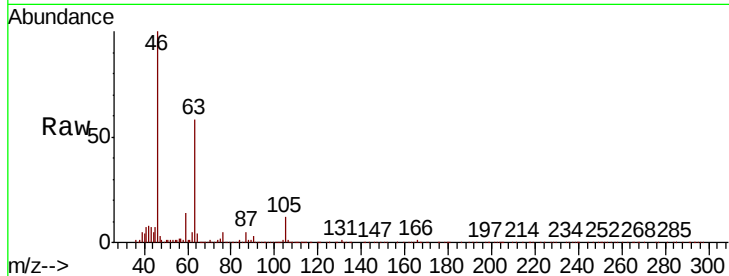




#48
2-Hexanone
Concen: 4.404 ug/L
RT: 10.59 min Scan# 1523
Delta R.T. -0.04 min
Lab File: VR025606.D
Acq: 9 Aug 2018 14:51

Instrument :
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ClientSampleId :
ESWW8RE

Tgt Ion: 43 Resp: 23729
Ion Ratio Lower Upper
43 100
58 26.8 45.0 67.6#
57 28.7 15.8 23.6#
100 2.8 9.3 13.9#



#49
Dibromochloromethane
Concen: 62.389 ug/L
RT: 10.52 min Scan# 1510
Delta R.T. -0.27 min
Lab File: VR025606.D
Acq: 9 Aug 2018 14:51

Tgt Ion: 129 Resp: 1039280
Ion Ratio Lower Upper
129 100
127 0.2 54.3 100.9#

