

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR080718\
 Data File : VR025573.D
 Acq On : 7 Aug 2018 13:19
 Operator : SY/MD
 Sample : J4358-07
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWW7

Quant Time: Aug 08 02:01:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR073018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 08 02:00:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	479693	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	414512	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	146587	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	126908	4.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.40%
7) Chloroethane-d5	2.63	69	104609	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	3.63	63	218250	3.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.60%
20) 2-Butanone-d5	6.60	46	134909	54.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.82%
24) Chloroform-d	7.21	84	243020	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	7.90	65	85158	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	7.86	84	524339	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	8.90	67	145708	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	9.97	98	463947	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
43) trans-1,3-Dichloropropene-	10.24	79	29976	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
46) 2-Hexanone-d5	10.59	63	151741	63.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	127.22%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	74779	5.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	139511	6.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	124.60%#

Target Compounds

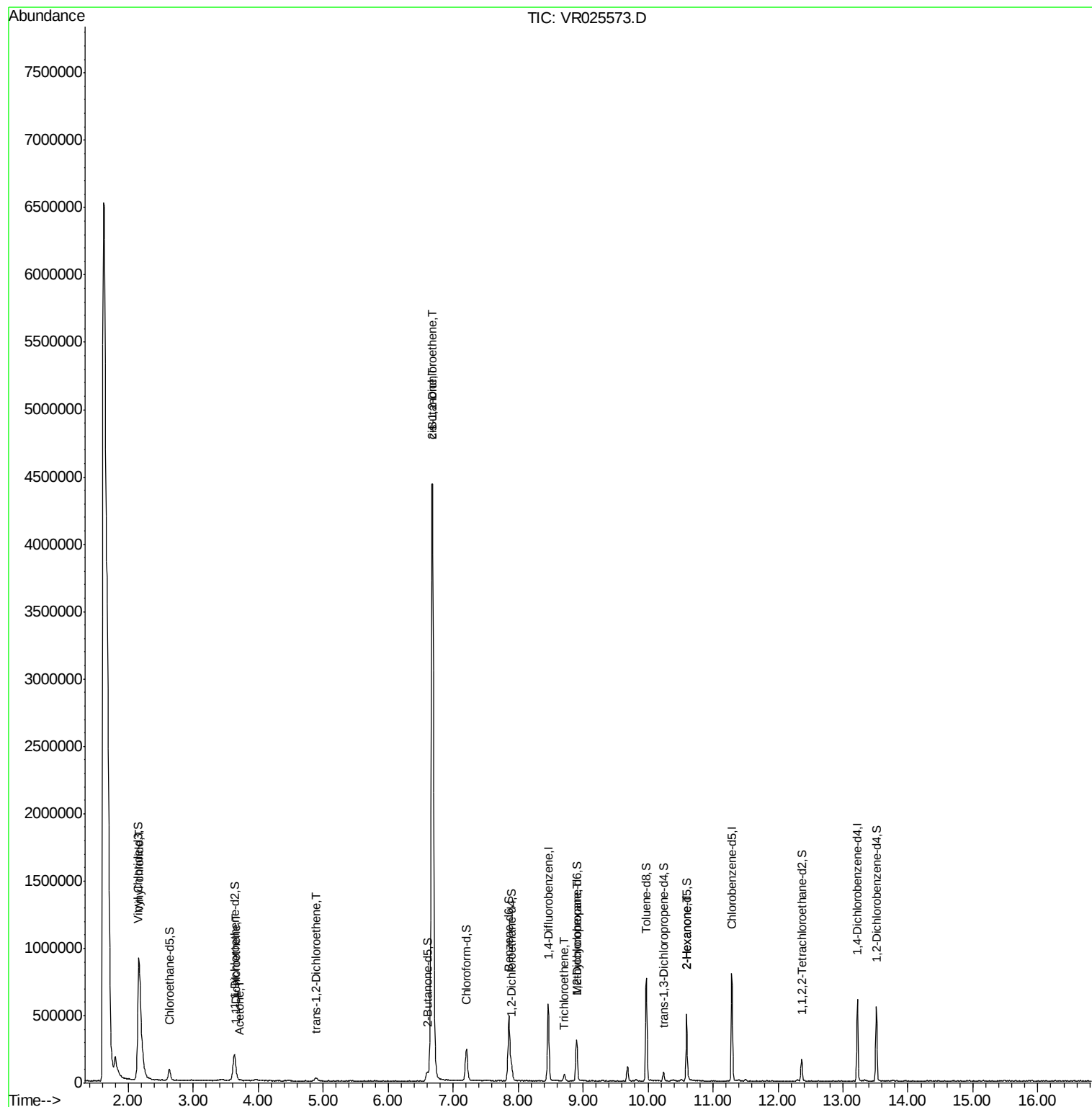
					Qvalue
5) Vinyl chloride	2.16	62	1856477	51.220 ug/L	96
12) 1,1-Dichloroethene	3.67	96	8237	0.240 ug/L #	1
13) Acetone	3.71	43	4353	2.108 ug/L	82
18) trans-1,2-Dichloroethene	4.89	96	15118	0.461 ug/L #	76
21) 2-Butanone	6.68	43	1346	0.469 ug/L #	1
22) cis-1,2-Dichloroethene	6.68	96	2832758	94.515 ug/L	94
34) Trichloroethene	8.72	95	15299	0.480 ug/L	98
35) Methylcyclohexane	8.90	83	33721	0.704 ug/L #	21
48) 2-Hexanone	10.59	43	17096	3.337 ug/L #	69

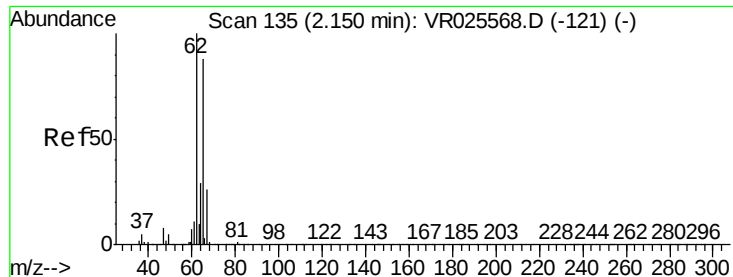
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 08 02:00:36 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 51.220 ug/L

RT: 2.16 min Scan# 137

Delta R.T. 0.01 min

Lab File: VR025573.D

Acq: 7 Aug 2018 13:19

Instrument :

MSVOA_R

ClientSampled :

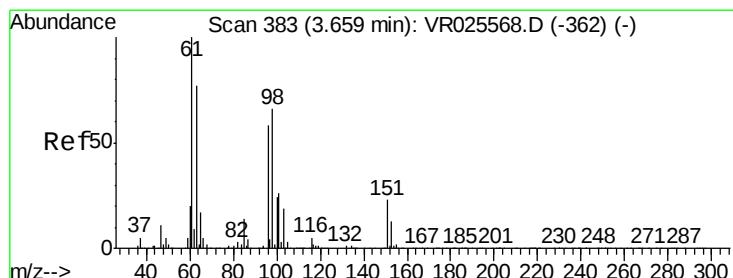
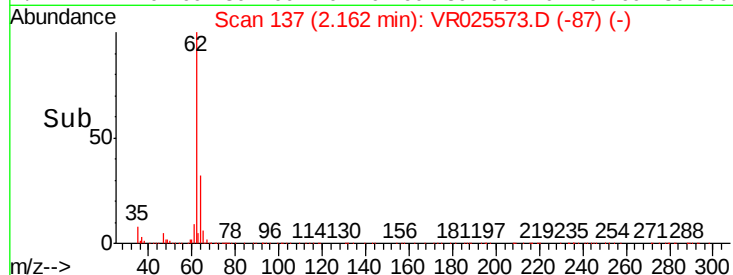
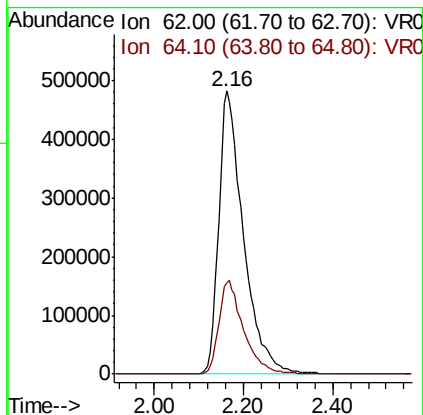
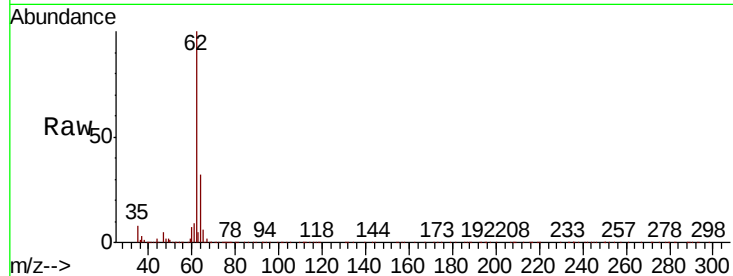
ESWW7

Tgt Ion: 62 Resp: 1856477

Ion Ratio Lower Upper

62 100

64 32.4 24.1 44.8



#12

1,1-Dichloroethene

Concen: 0.240 ug/L

RT: 3.67 min Scan# 384

Delta R.T. 0.02 min

Lab File: VR025573.D

Acq: 7 Aug 2018 13:19

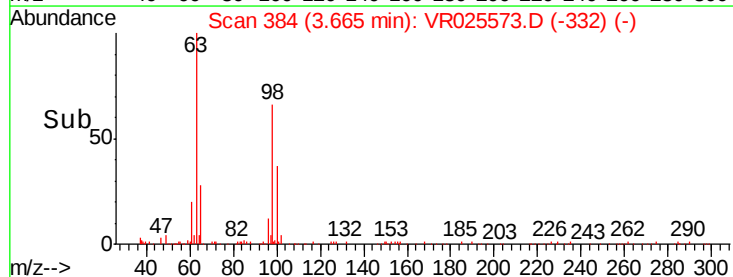
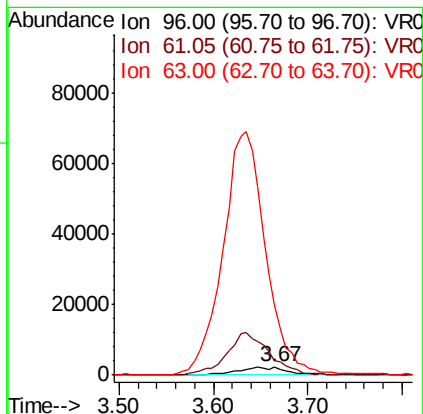
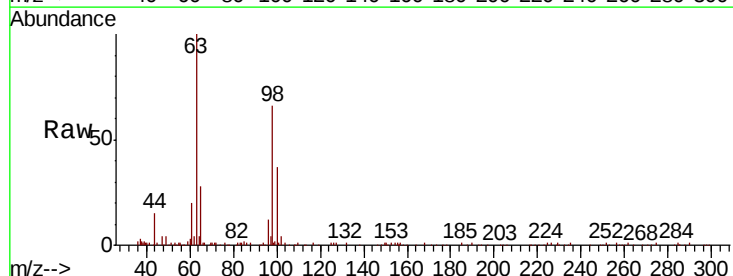
Tgt Ion: 96 Resp: 8237

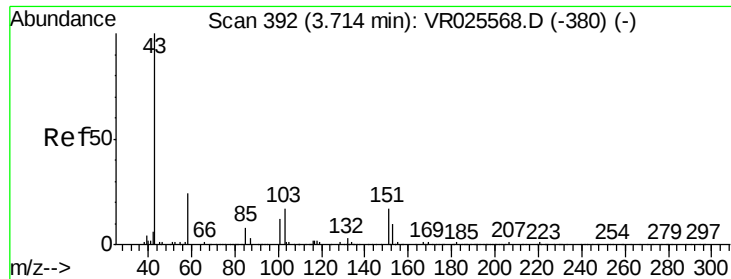
Ion Ratio Lower Upper

96 100

61 171.6 124.3 230.8

63 863.1 108.1 200.7#

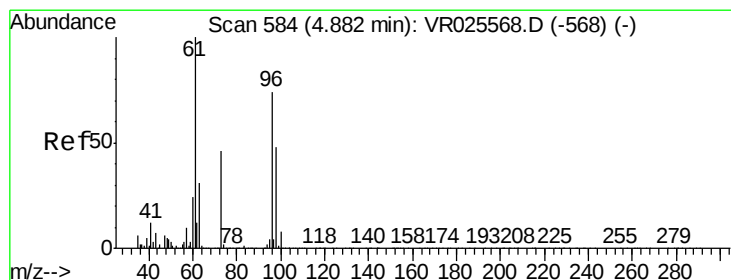
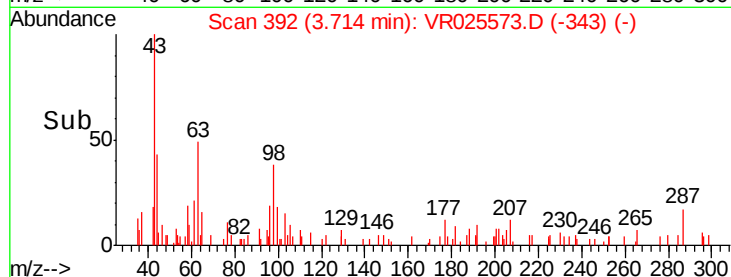
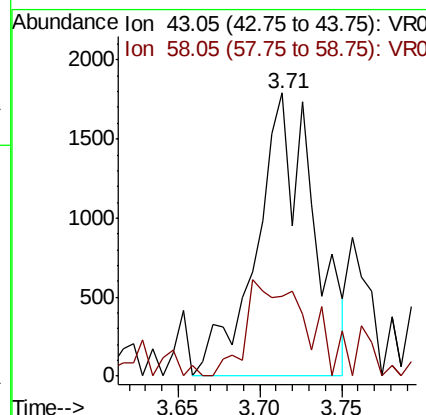
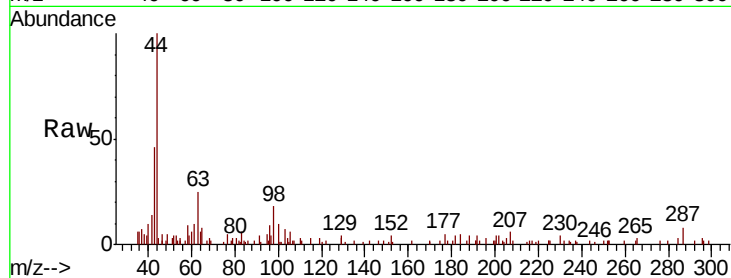




#13
Acetone
Concen: 2.108 ug/L
RT: 3.71 min Scan# 392
Delta R.T. -0.00 min
Lab File: VR025573.D
Acq: 7 Aug 2018 13:19

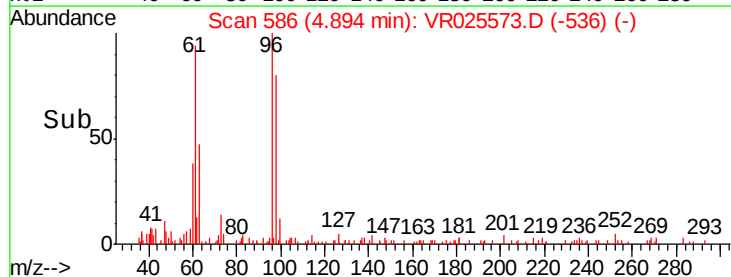
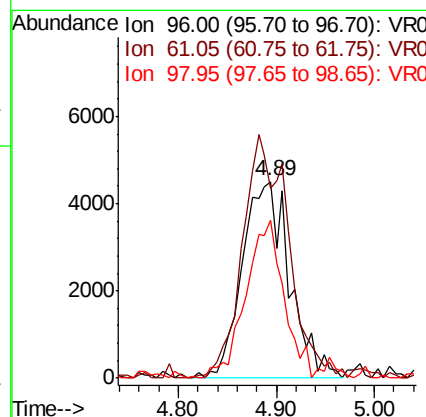
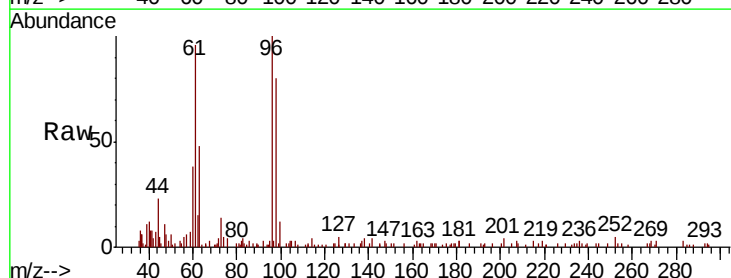
Instrument :
MSVOA_R
ClientSampleId :
ESWW7

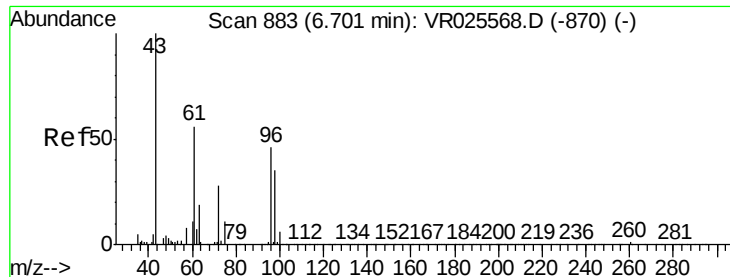
Tgt Ion: 43 Resp: 4353
Ion Ratio Lower Upper
43 100
58 36.1 0.0 53.4



#18
trans-1,2-Dichloroethene
Concen: 0.461 ug/L
RT: 4.89 min Scan# 586
Delta R.T. 0.01 min
Lab File: VR025573.D
Acq: 7 Aug 2018 13:19

Tgt Ion: 96 Resp: 15118
Ion Ratio Lower Upper
96 100
61 96.1 85.5 158.9
98 79.9 42.1 78.1#





#21

2-Butanone

Concen: 0.469 ug/L

RT: 6.68 min Scan# 880

Delta R.T. -0.01 min

Lab File: VR025573.D

Acq: 7 Aug 2018 13:19

Instrument :

MSVOA_R

ClientSampleId :

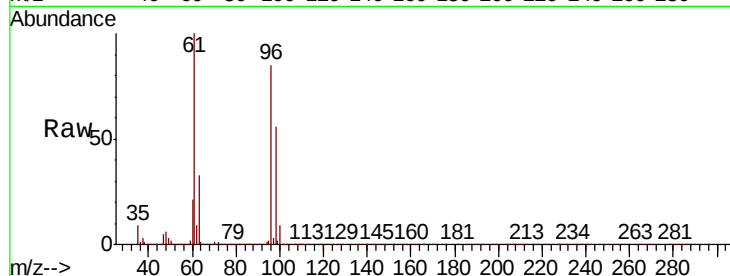
ESWW7

Tgt Ion: 43 Resp: 1346

Ion Ratio Lower Upper

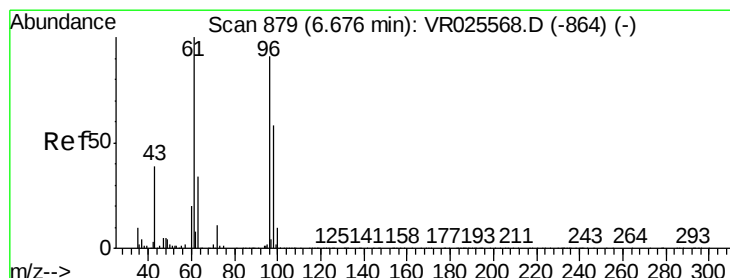
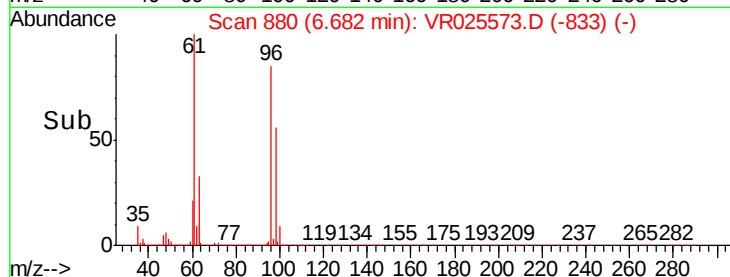
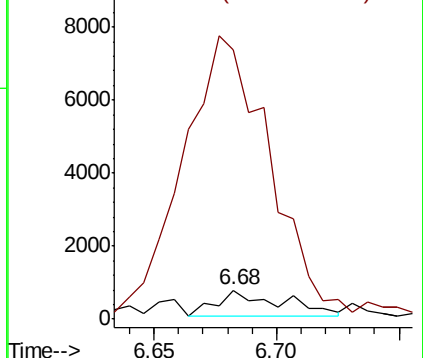
43 100

72 1451.0 13.2 39.6#



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0



#22

cis-1,2-Dichloroethene

Concen: 94.515 ug/L

RT: 6.68 min Scan# 880

Delta R.T. -0.00 min

Lab File: VR025573.D

Acq: 7 Aug 2018 13:19

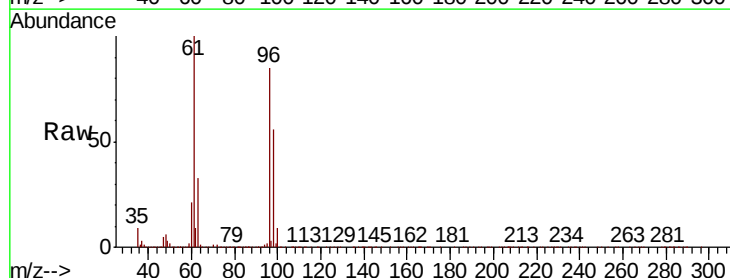
Tgt Ion: 96 Resp: 2832758

Ion Ratio Lower Upper

96 100

61 117.3 77.7 144.3

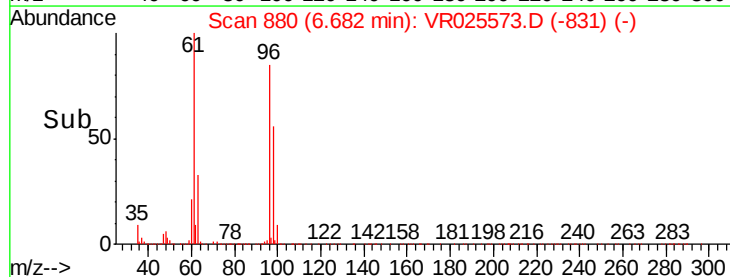
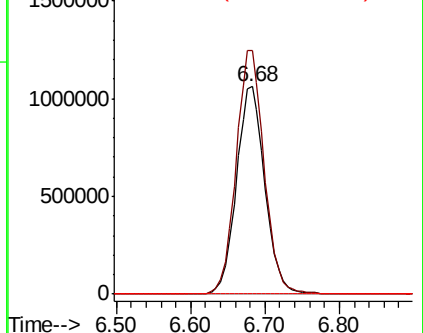
68 0.0 0.0 0.0

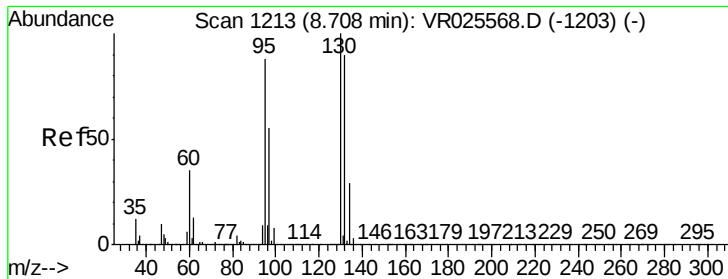


Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 68.15 (67.85 to 68.85): VR0

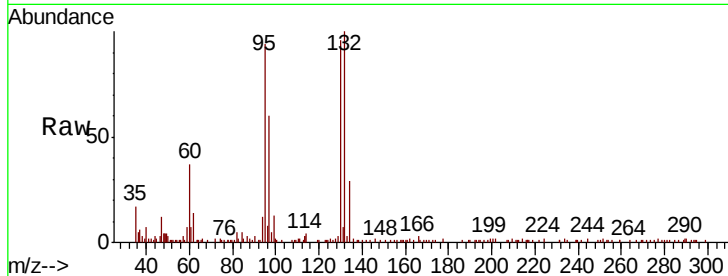




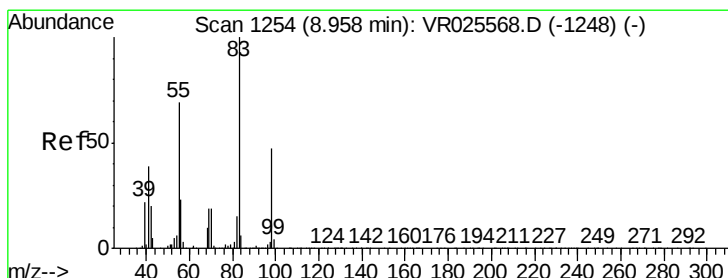
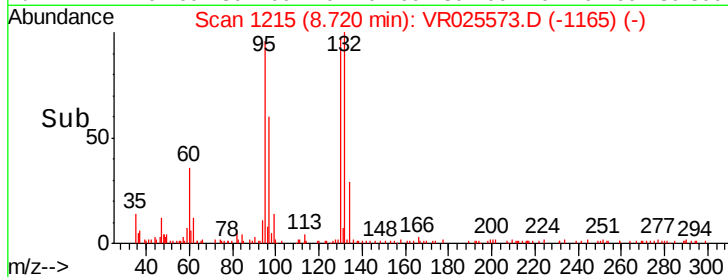
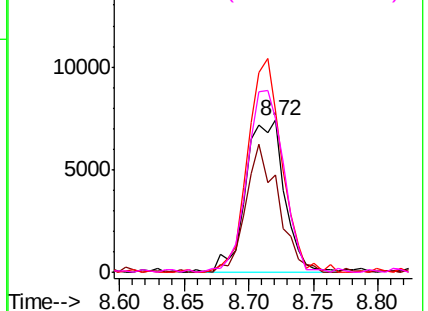
#34
 Trichloroethene
 Concen: 0.480 ug/L
 RT: 8.72 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: VR025573.D
 Acq: 7 Aug 2018 13:19

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Tgt Ion:	95	Resp:	15299
Ion	Ratio	Lower	Upper
95	100		
97	63.9	46.7	86.7
132	106.0	71.7	133.1
130	101.3	71.3	132.3

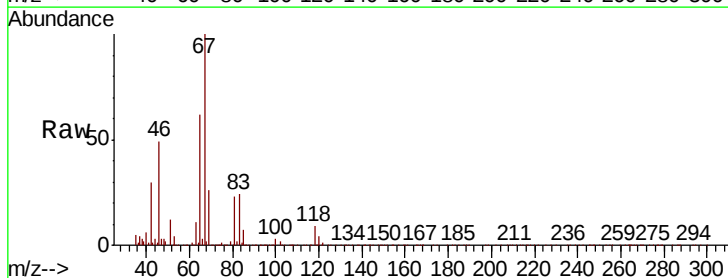


Abundance Ion 95.00 (94.70 to 95.70): VR0
 Ion 96.95 (96.65 to 97.65): VR0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

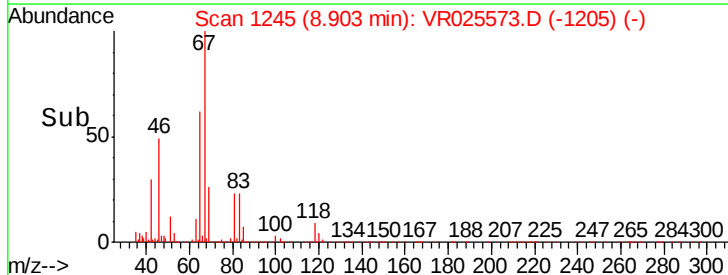
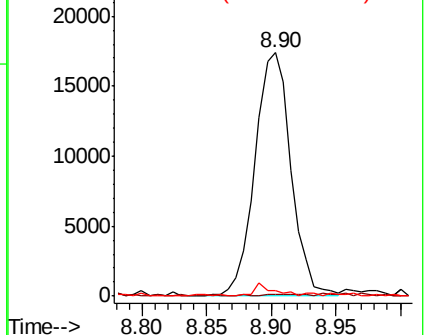


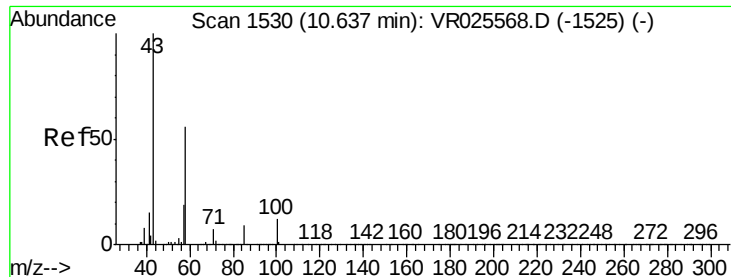
#35
 Methylcyclohexane
 Concen: 0.704 ug/L
 RT: 8.90 min Scan# 1245
 Delta R.T. -0.05 min
 Lab File: VR025573.D
 Acq: 7 Aug 2018 13:19

Tgt Ion:	83	Resp:	33721
Ion	Ratio	Lower	Upper
83	100		
55	0.4	58.3	87.5#
98	2.6	37.8	56.6#



Abundance Ion 83.15 (82.85 to 83.85): VR0
 Ion 55.10 (54.80 to 55.80): VR0
 Ion 98.15 (97.85 to 98.85): VR0





#48

2-Hexanone

Concen: 3.337 ug/L

RT: 10.59 min Scan# 1523

Delta R.T. -0.04 min

Lab File: VR025573.D

Acq: 7 Aug 2018 13:19

Instrument :

MSVOA_R

ClientSampleId :

ESWW7

Tgt Ion: 43 Resp: 17096

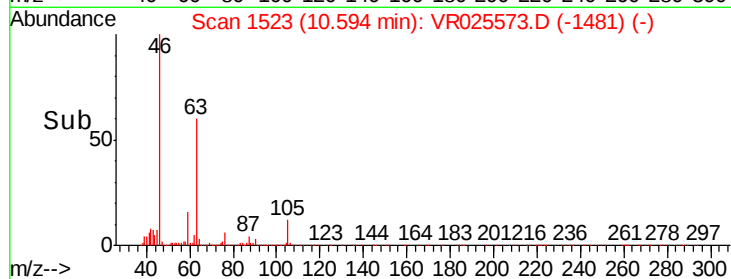
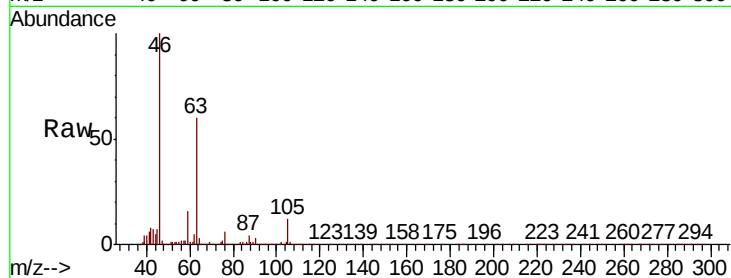
Ion Ratio Lower Upper

43 100

58 31.6 45.0 67.6#

57 34.8 15.8 23.6#

100 5.9 9.3 13.9#



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

Ion 57.20 (56.90 to 57.90): VR0

Ion 100.15 (99.85 to 100.85): VR0

