

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 09 23:42:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR073018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 09 23:37:26 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

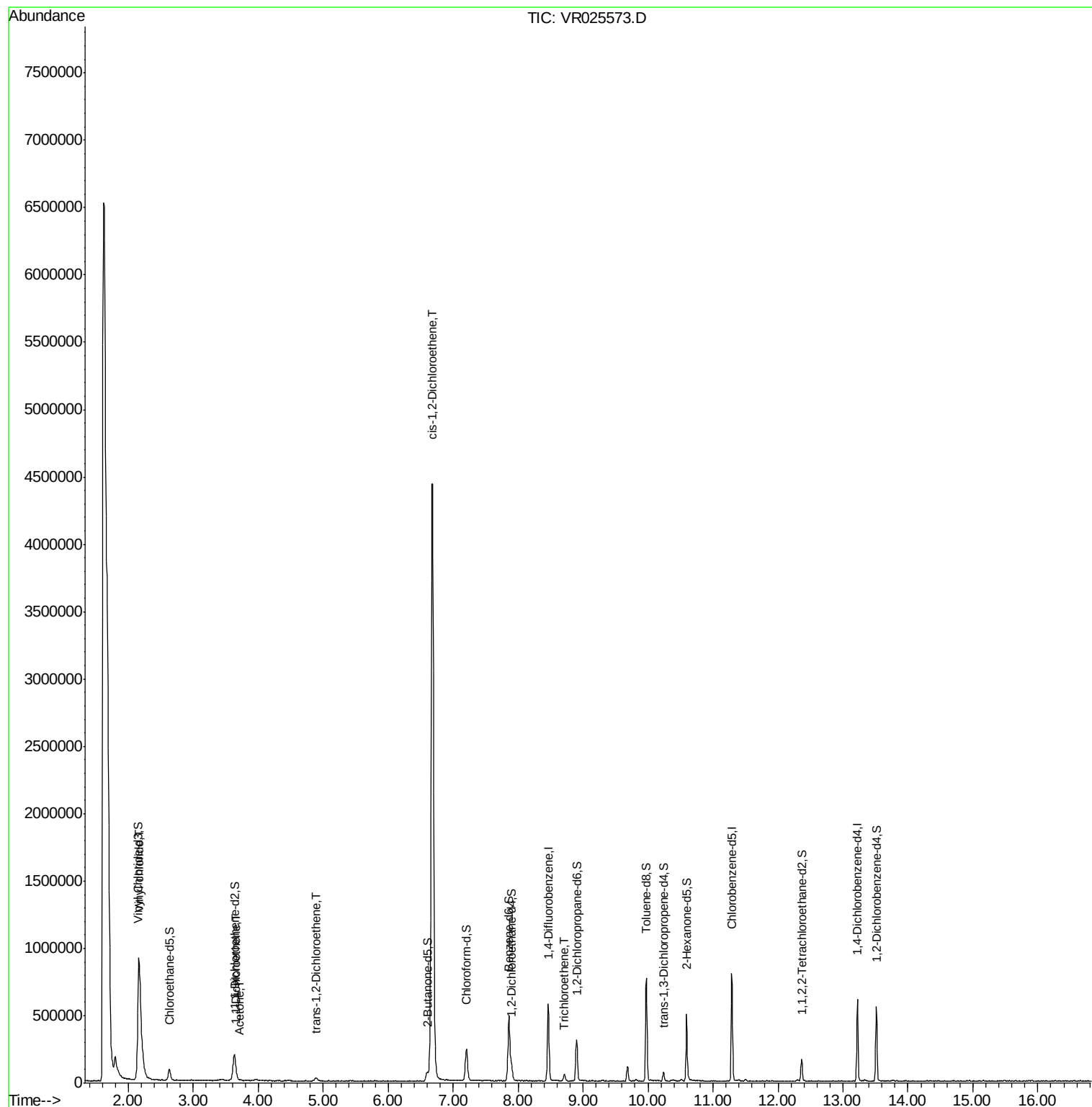
						Ovalue
5) Vinyl chloride	2.16	62	1856477	51.22	ug/L	96
12) 1,1-Dichloroethene	3.67	96	8237	0.24	ug/L	# 1
13) Acetone	3.71	43	4353	2.11	ug/L	82
18) trans-1,2-Dichloroethene	4.89	96	15118	0.46	ug/L	# 76
22) cis-1,2-Dichloroethene	6.68	96	2832758	94.51	ug/L	94
34) Trichloroethene	8.72	95	15299	0.48	ug/L	98

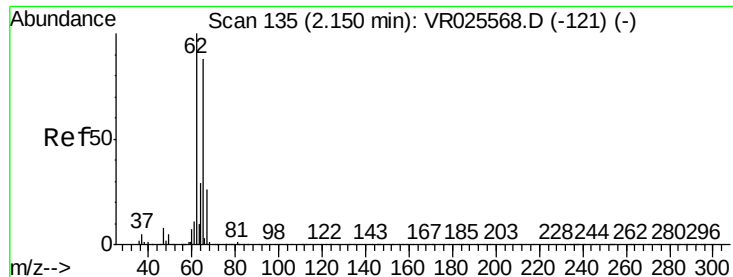
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 51.22 ug/L

RT: 2.16 min Scan# 137

Delta R.T. 0.00 min

Lab File: VR025573.D

Acq: 7 Aug 2018 13:19

Instrument :

MSVOA_R

ClientSampled :

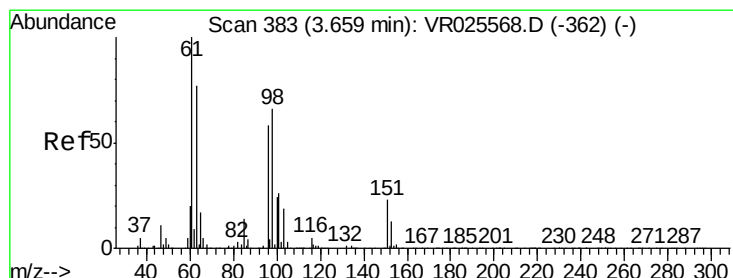
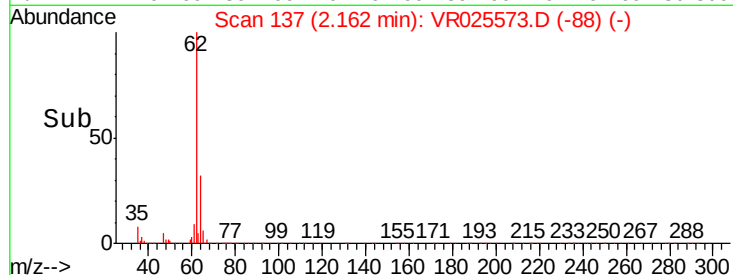
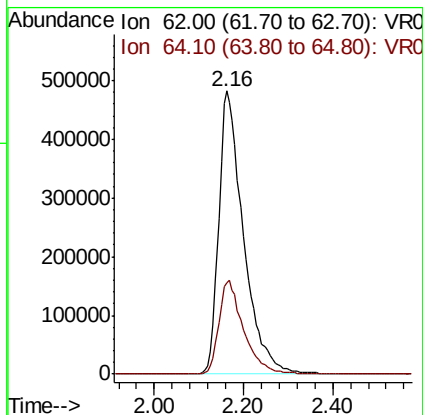
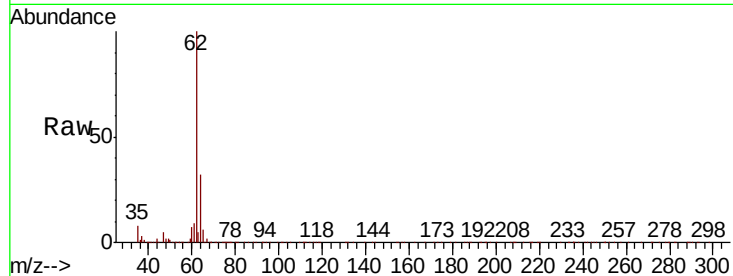
ESWW7

Tot Ion: 62 Resp: 1856477

Ion Ratio Lower Upper

62 100

64 32.4 24.1 44.8



#12

1,1-Dichloroethene

Concen: 0.24 ug/L

RT: 3.67 min Scan# 384

Delta R.T. 0.01 min

Lab File: VR025573.D

Acq: 7 Aug 2018 13:19

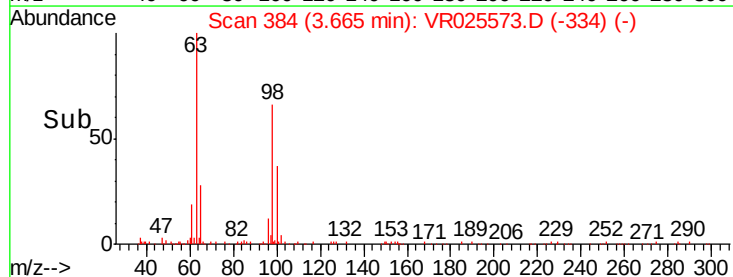
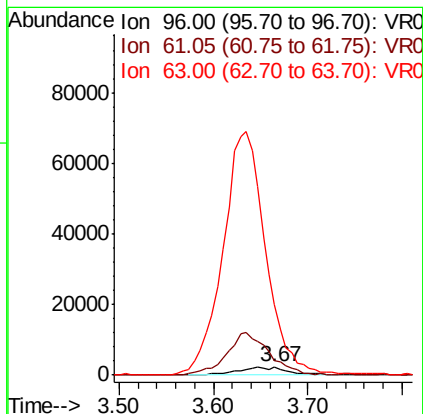
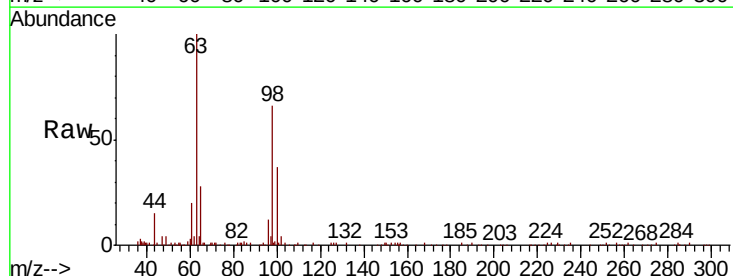
Tgt Ion: 96 Resp: 8237

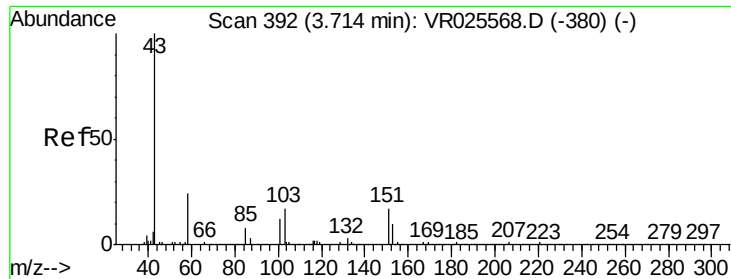
Ion Ratio Lower Upper

96 100

61 171.6 124.3 230.8

63 863.1 108.1 200.7#

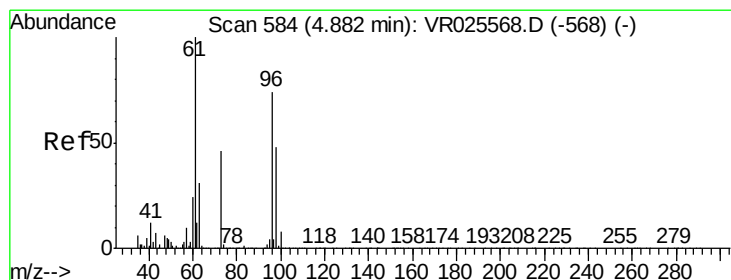
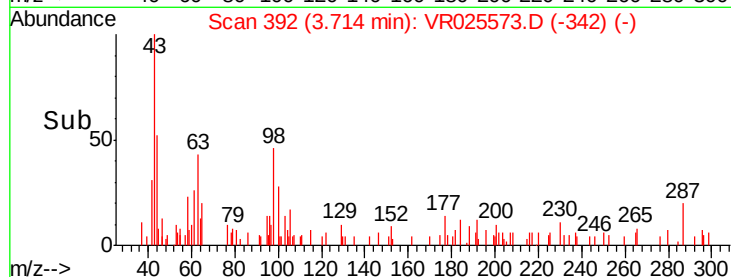
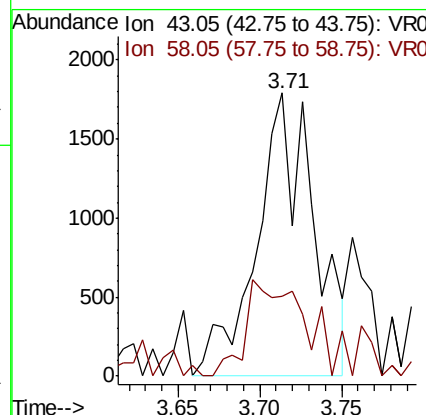
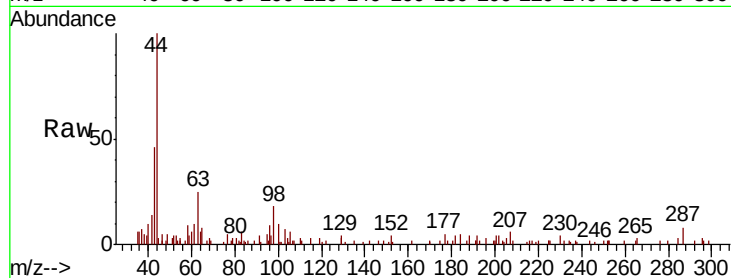




#13
Acetone
Concen: 2.11 ug/L
RT: 3.71 min Scan# 392
Delta R.T. 0.01 min
Lab File: VR025573.D
Acq: 7 Aug 2018 13:19

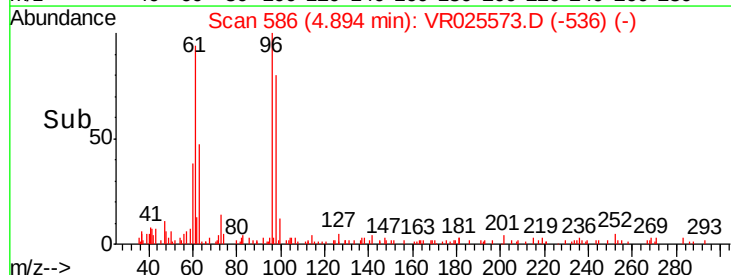
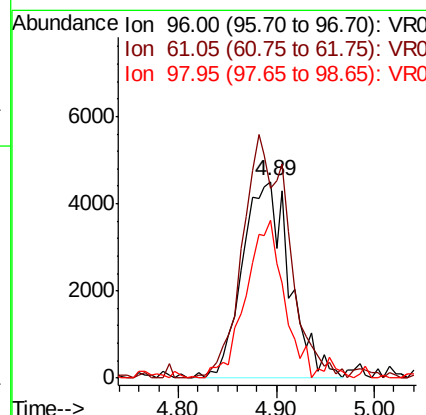
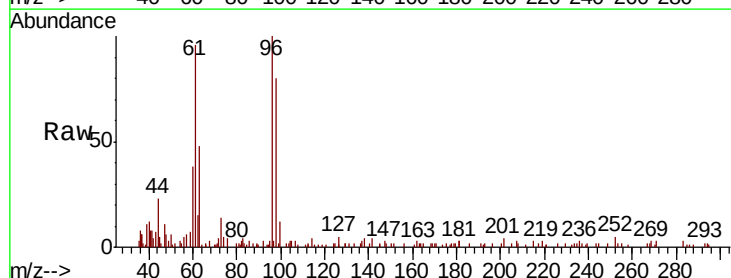
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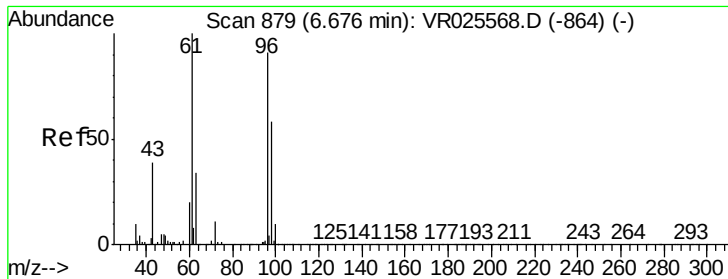
Tot Ion: 43 Resp: 4353
Ion Ratio Lower Upper
43 100
58 36.1 0.0 53.4



#18
trans-1,2-Dichloroethene
Concen: 0.46 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#





#22

cis-1,2-Dichloroethene

Concen: 94.51 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

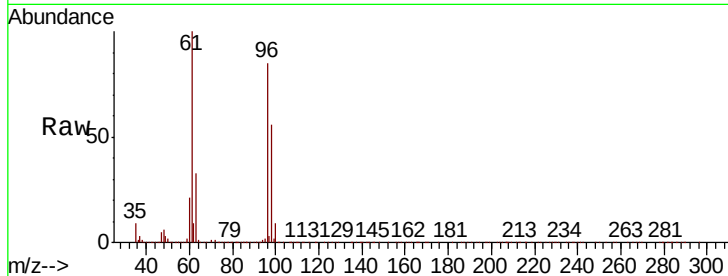
Tot Ion: 96 Resp: 2832758

Ion Ratio Lower Upper

96 100

61 117.3 77.7 144.3

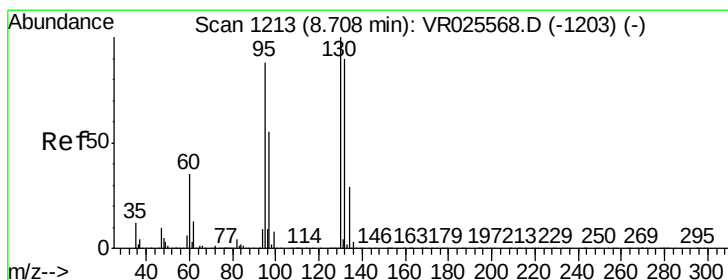
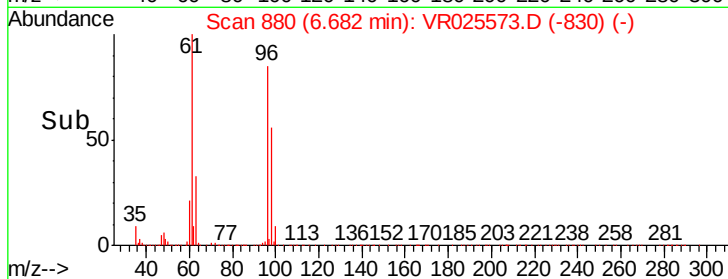
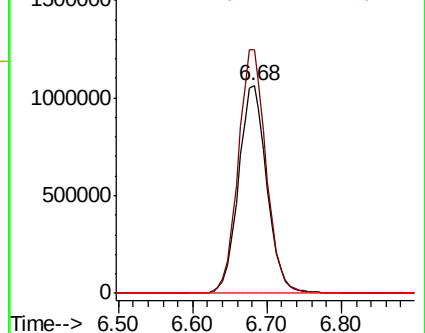
68 0.0 0.0 0.0



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: 0.48 ug/L

RT: 8.72 min Scan# 1215

Delta R.T. 0.01 min

Lab File: VR025573.D

Acq: 7 Aug 2018 13:19

Tgt Ion: 95 Resp: 15299

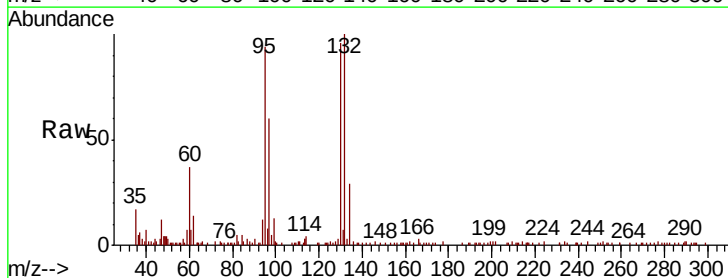
Ion Ratio Lower Upper

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

