

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072018\
 Data File : VV006661.D
 Acq On : 20 Jul 2018 12:22
 Operator : SY/MD
 Sample : J3983-03
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB170

Quant Time: Jul 26 02:27:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 26 02:08:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	252392	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	231297	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	101734	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	83038	4.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.80%
7) Chloroethane-d5	1.58	69	61126	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	2.13	63	113749	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	3.95	46	113499	29.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	59.00%
24) Chloroform-d	4.41	84	137065	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.09	65	64730	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
32) Benzene-d6	5.10	84	294257	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.12	67	91107	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.36	98	258144	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	7.67	79	25476	3.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.00%
46) 2-Hexanone-d5	8.14	63	126153	38.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.56%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	60425	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	89878	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

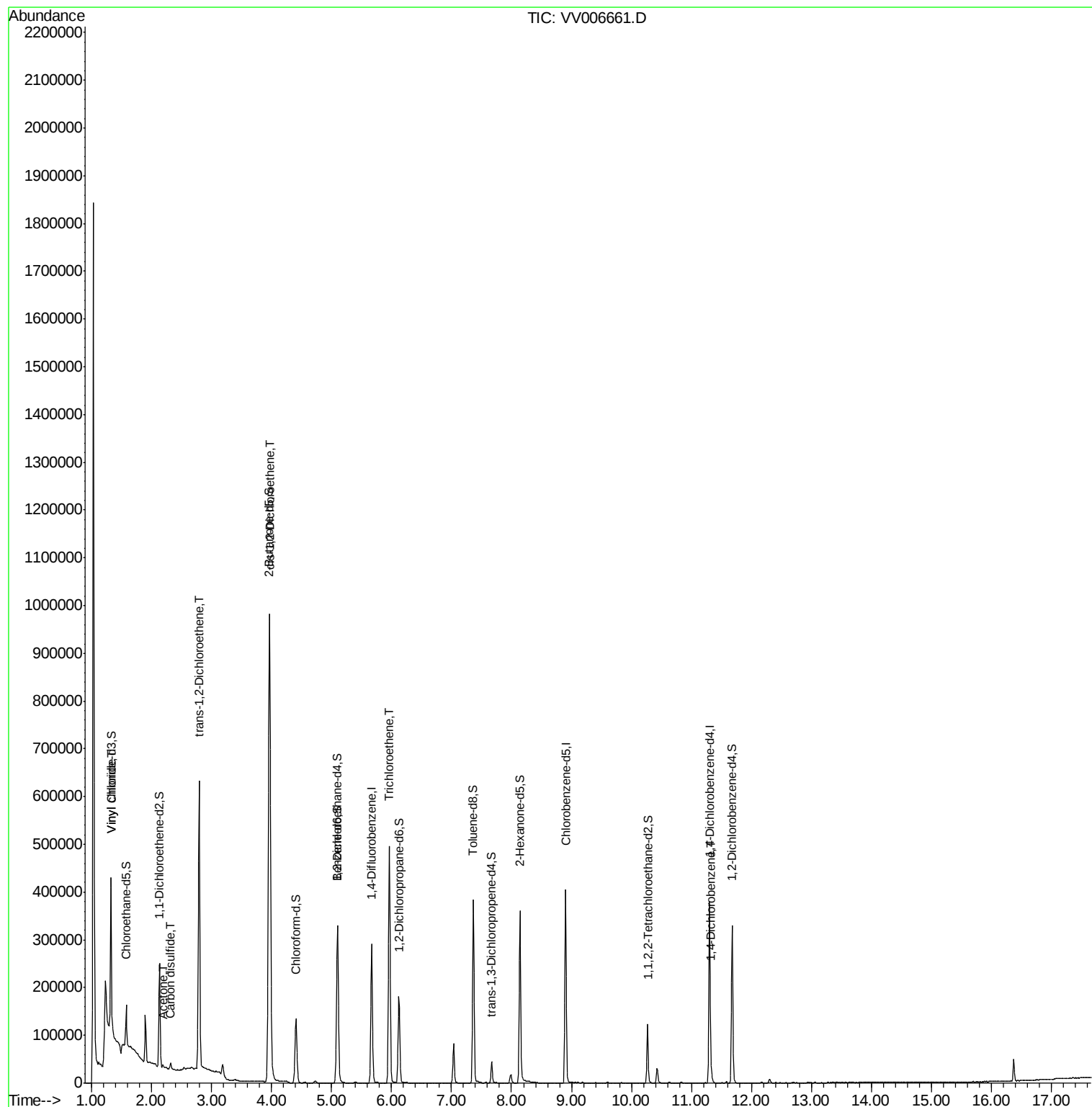
					Ovalue
5) Vinyl chloride	1.32	62	166329	6.35	ug/L # 45
13) Acetone	2.19	43	6154	2.09	ug/L 98
14) Carbon disulfide	2.32	76	12398	0.20	ug/L # 94
18) trans-1,2-Dichloroethene	2.79	96	224573	10.90	ug/L 99
22) cis-1,2-Dichloroethene	3.97	96	525249	24.36	ug/L 99
34) Trichloroethene	5.96	95	174367	8.47	ug/L 98
63) 1,4-Dichlorobenzene	11.32	146	11686	0.31	ug/L 98

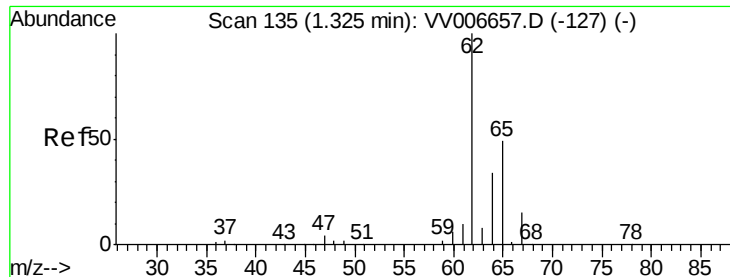
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 6.35 ug/L

RT: 1.32 min Scan# 135

Delta R.T. -0.00 min

Lab File: VV006661.D

Acq: 20 Jul 2018 12:22

Instrument :

MSVOA_V

ClientSampleID :

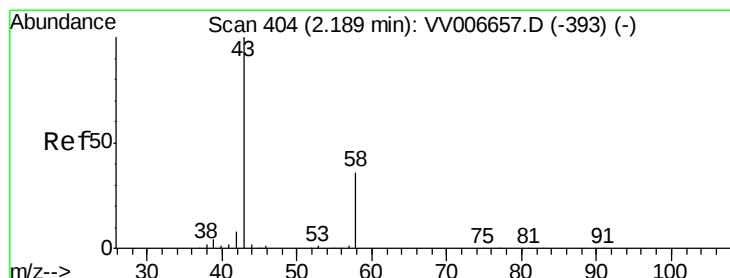
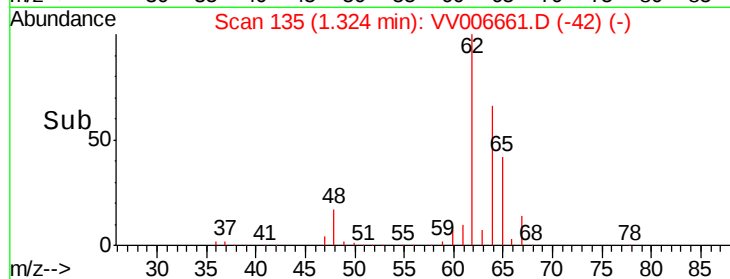
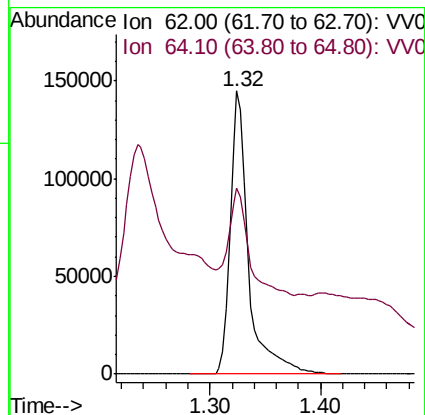
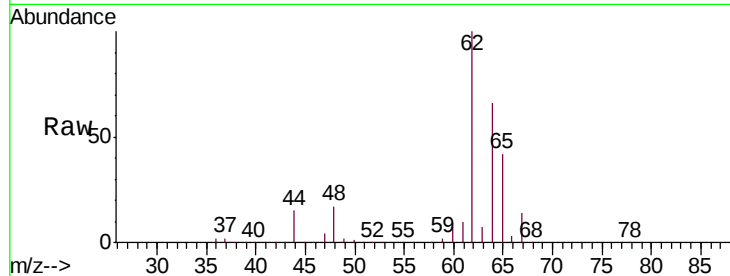
DB170

Tot Ion: 62 Resp: 166329

Ion Ratio Lower Upper

62 100

64 65.6 23.7 44.1#



#13

Acetone

Concen: 2.09 ug/L

RT: 2.19 min Scan# 405

Delta R.T. 0.00 min

Lab File: VV006661.D

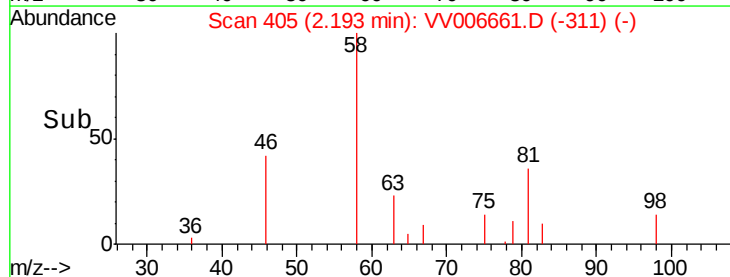
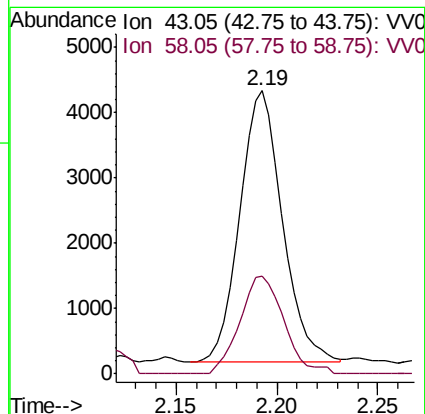
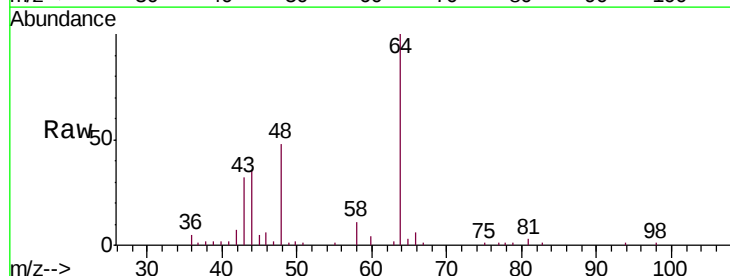
Acq: 20 Jul 2018 12:22

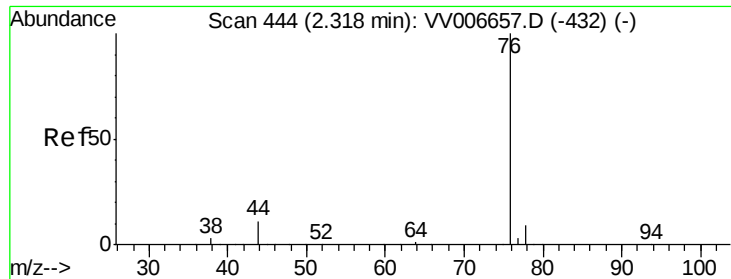
Tgt Ion: 43 Resp: 6154

Ion Ratio Lower Upper

43 100

58 37.4 0.0 72.8





#14

Carbon disulfide

Concen: 0.20 ug/L

RT: 2.32 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV006661.D

Acq: 20 Jul 2018 12:22

Instrument :

MSVOA_V

ClientSampleId :

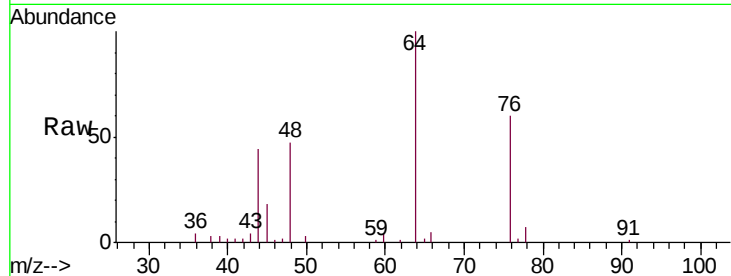
DB170

Tot Ion: 76 Resp: 12398

Ion Ratio Lower Upper

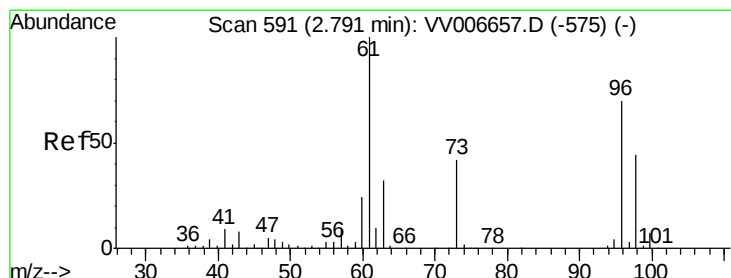
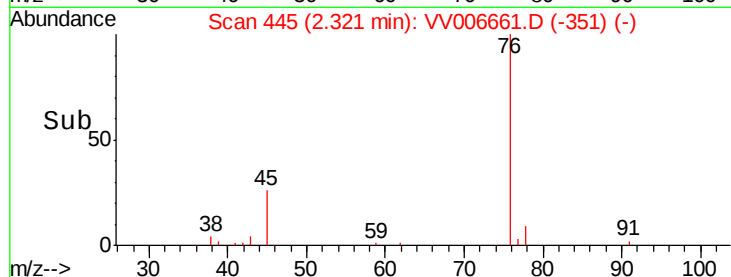
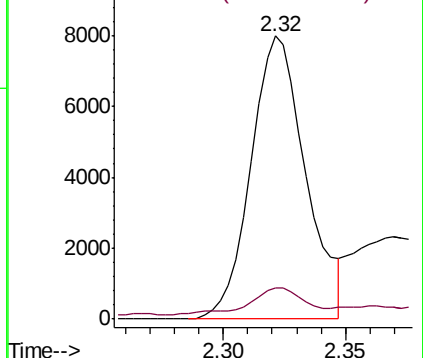
76 100

78 11.2 7.3 10.9#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0



#18

trans-1,2-Dichloroethene

Concen: 10.90 ug/L

RT: 2.79 min Scan# 592

Delta R.T. 0.00 min

Lab File: VV006661.D

Acq: 20 Jul 2018 12:22

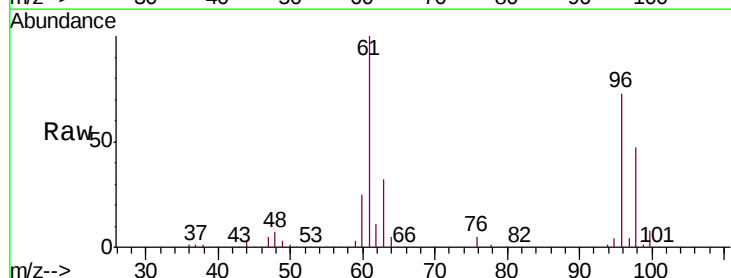
Tgt Ion: 96 Resp: 224573

Ion Ratio Lower Upper

96 100

61 137.3 96.0 178.4

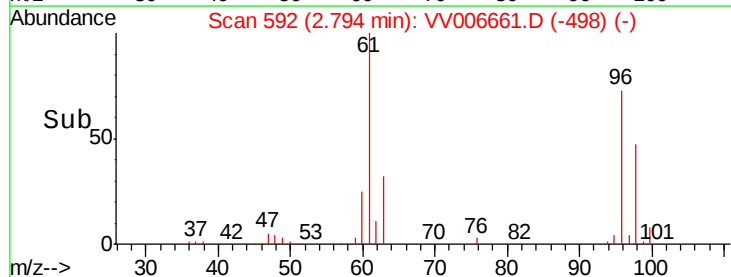
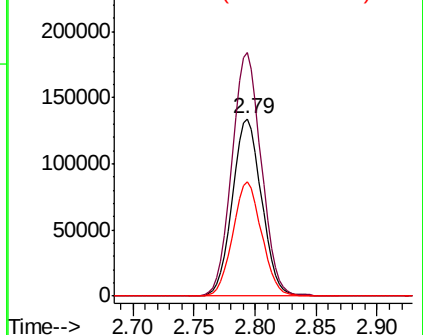
98 64.4 43.5 80.9

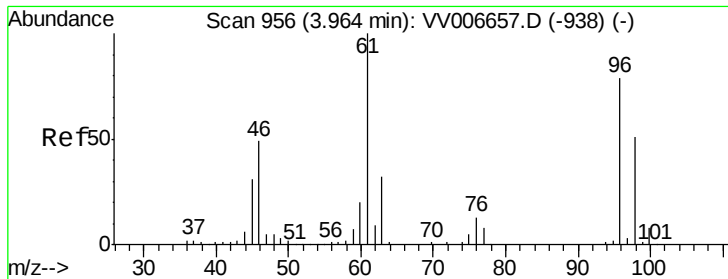


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0



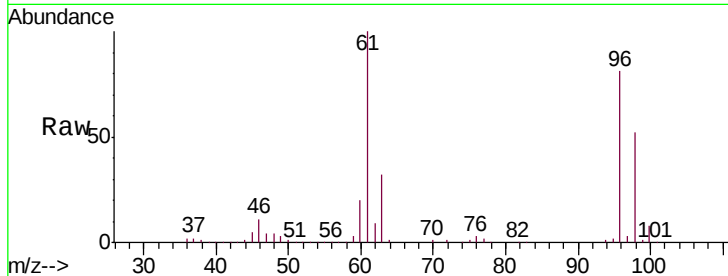


#22

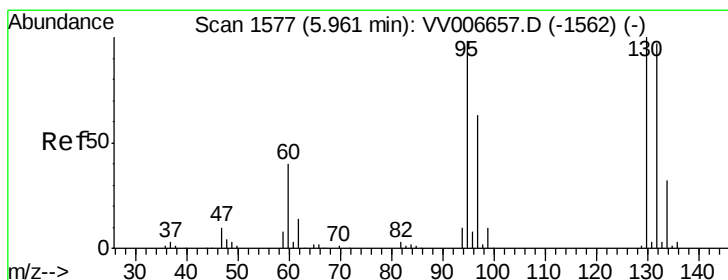
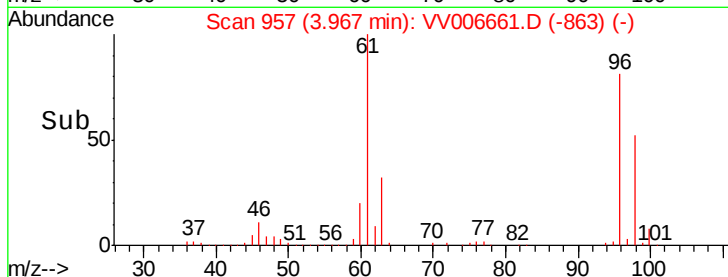
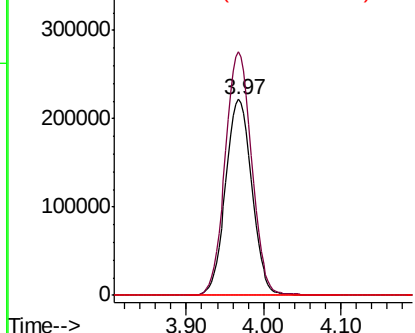
cis-1,2-Dichloroethene
Concen: 24.36 ug/L
RT: 3.97 min Scan# 957
Delta R.T. 0.00 min
Lab File: VV006661.D
Acq: 20 Jul 2018 12:22

Instrument :
MSVOA_V
ClientSampleId :
DB170

Tot Ion: 96 Resp: 525249
Ion Ratio Lower Upper
96 100
61 124.2 86.2 160.0
68 0.0 0.0 0.0



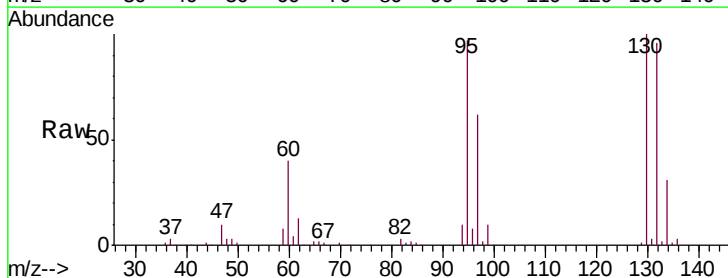
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



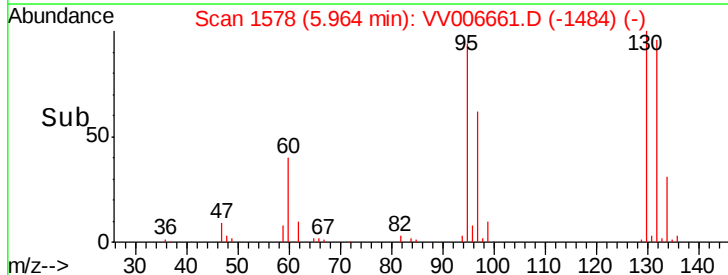
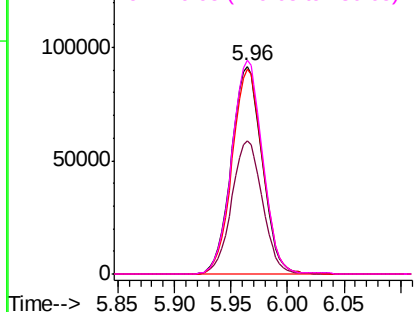
#34

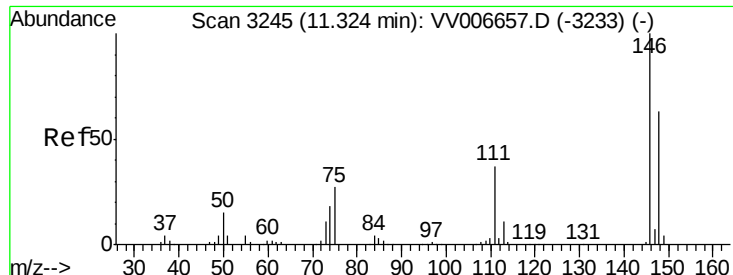
Trichloroethene
Concen: 8.47 ug/L
RT: 5.96 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VV006661.D
Acq: 20 Jul 2018 12:22

Tgt Ion: 95 Resp: 174367
Ion Ratio Lower Upper
95 100
97 63.8 45.3 84.1
132 98.4 70.3 130.7
130 102.8 73.7 136.9



Abundance Ion 95.00 (94.70 to 95.70): VV0
Ion 96.95 (96.65 to 97.65): VV0
Ion 131.95 (131.65 to 132.65): VV0
Ion 129.95 (129.65 to 130.65): VV0





#63

1,4-Dichlorobenzene

Concen: 0.31 ug/L

RT: 11.32 min Scan# 3245

Delta R.T. -0.00 min

Lab File: VV006661.D

Acq: 20 Jul 2018 12:22

Instrument :

MSVOA_V

ClientSampleId :

DB170

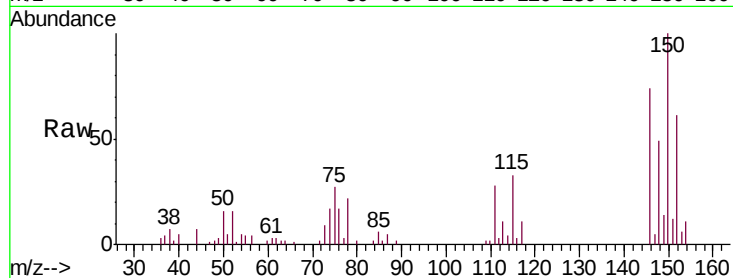
Tot Ion:146 Resp: 11686

Ion Ratio Lower Upper

146 100

111 38.1 26.0 48.4

148 66.0 44.6 82.8



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

