

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071318\
 Data File : VV006606.D
 Acq On : 13 Jul 2018 21:18
 Operator : SY/MD
 Sample : J3985-03MSD
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB192MSD

Quant Time: Jul 16 12:08:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 14 00:30:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	292771	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	269289	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	122906	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	93318	5.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	117.20%
7) Chloroethane-d5	1.57	69	72622	5.23	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	2.13	63	165093	5.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	111.40%
20) 2-Butanone-d5	3.95	46	200881	49.69	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.38%
24) Chloroform-d	4.40	84	158584	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.09	65	75547	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.10	84	340967	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.00%
36) 1,2-Dichloropropane-d6	6.12	67	104911	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.36	98	305246	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.20%
43) trans-1,3-Dichloropropene-	7.67	79	30816	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.14	63	185361	54.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.64%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	78298	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	114171	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%

Target Compounds

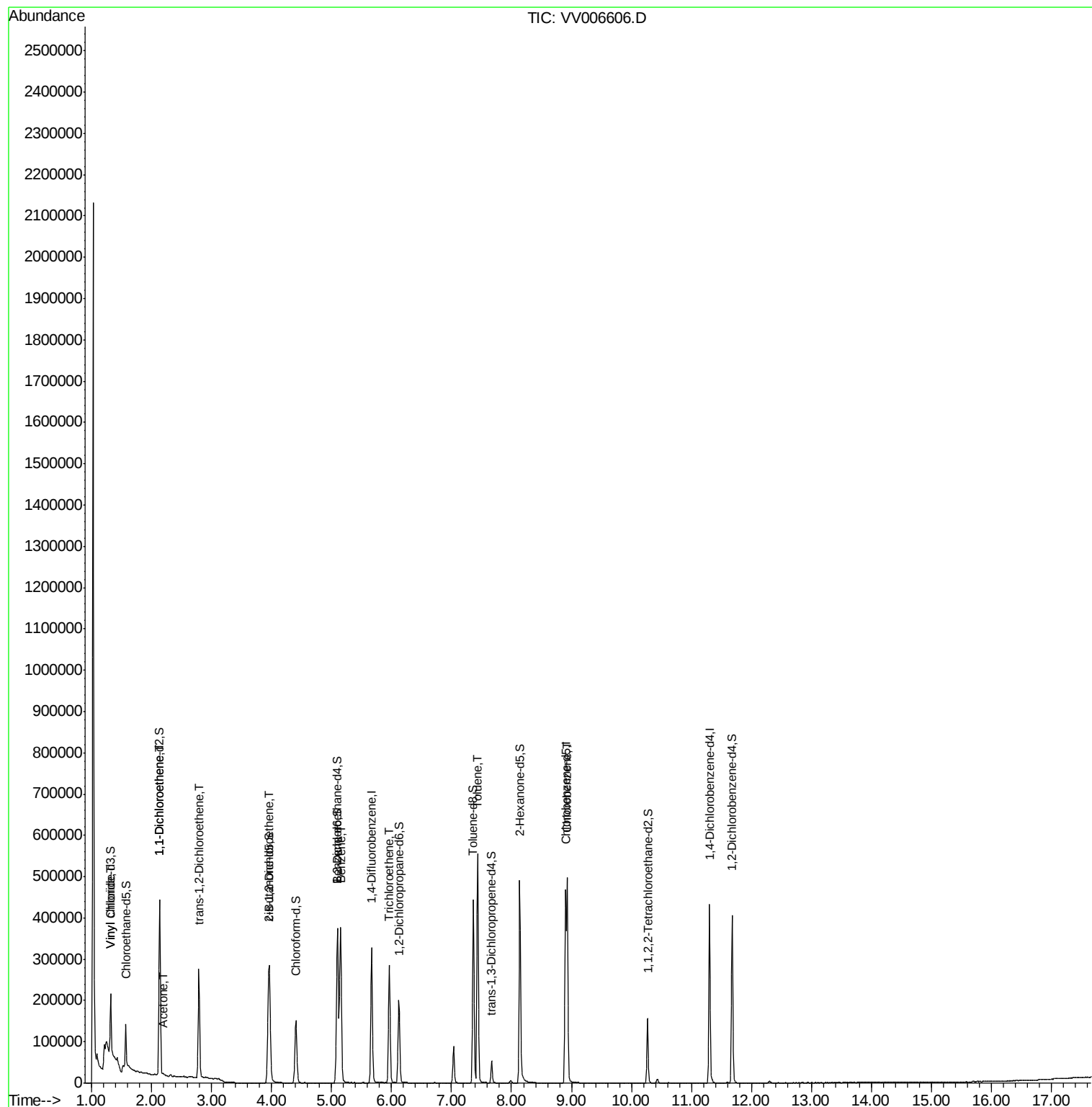
					Ovalue
5) Vinyl chloride	1.32	62	23535	0.90 ug/L	# 1
12) 1,1-Dichloroethene	2.14	96	89761	4.90 ug/L	96
13) Acetone	2.19	43	2584	1.01 ug/L	96
18) trans-1,2-Dichloroethene	2.79	96	102752	5.14 ug/L	94
22) cis-1,2-Dichloroethene	3.97	96	117712	5.48 ug/L	95
33) Benzene	5.15	78	394789	4.91 ug/L	100
34) Trichloroethene	5.96	95	99691	4.84 ug/L	98
42) Toluene	7.44	91	412306	4.93 ug/L	99
51) Chlorobenzene	8.93	112	273549	5.00 ug/L	99

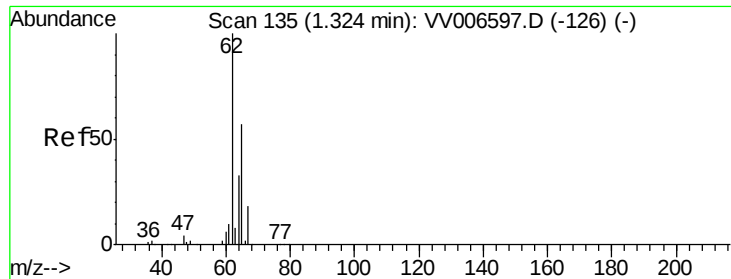
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.90 ug/L

RT: 1.32 min Scan# 135

Delta R.T. -0.00 min

Lab File: VV006606.D

Acq: 13 Jul 2018 21:18

Instrument :

MSVOA_V

ClientSampleId :

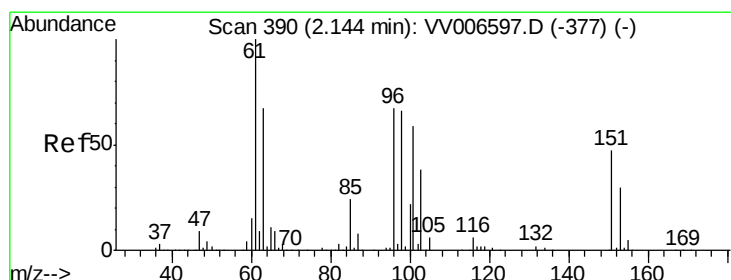
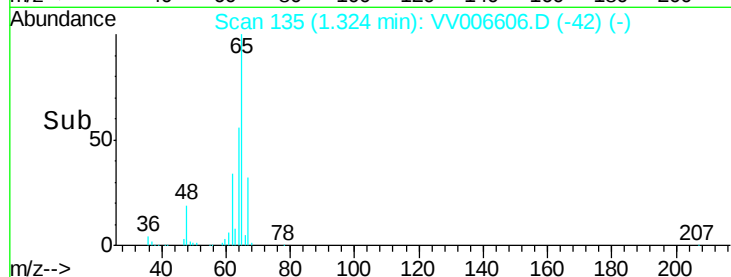
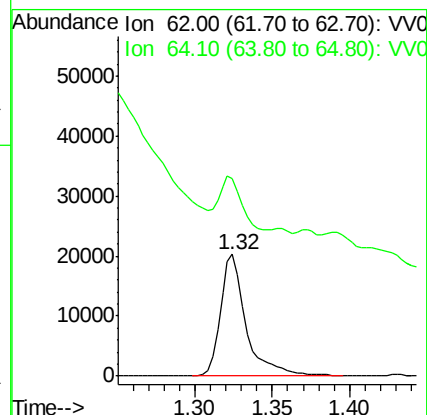
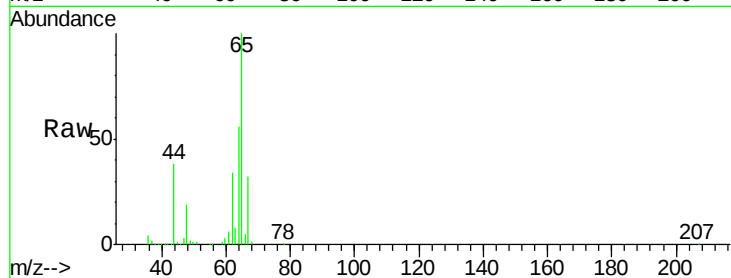
DB192MSD

Tot Ion: 62 Resp: 23535

Ion Ratio Lower Upper

62 100

64 162.9 23.0 42.6#



#12

1,1-Dichloroethene

Concen: 4.90 ug/L

RT: 2.14 min Scan# 389

Delta R.T. -0.00 min

Lab File: VV006606.D

Acq: 13 Jul 2018 21:18

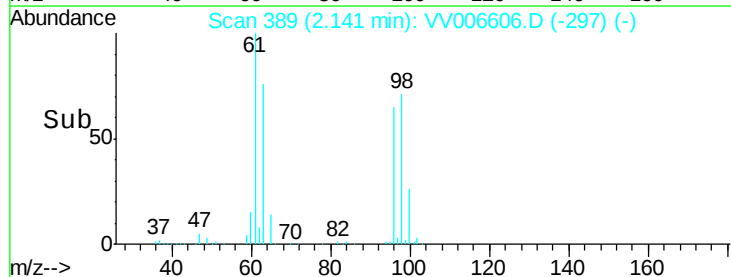
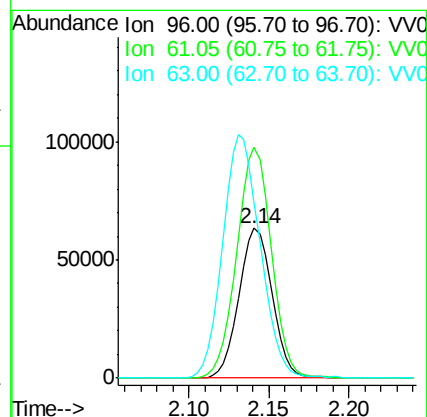
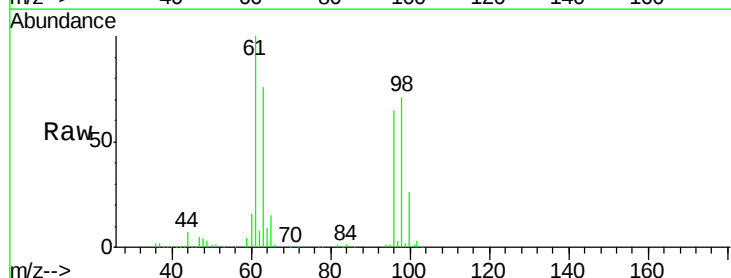
Tgt Ion: 96 Resp: 89761

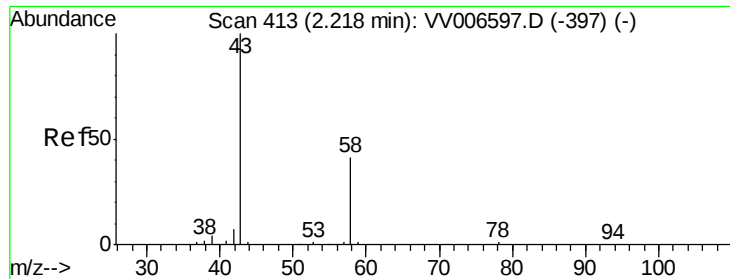
Ion Ratio Lower Upper

96 100

61 153.5 110.7 205.7

63 116.9 79.0 146.8





#13

Acetone

Concen: 1.01 ug/L

RT: 2.19 min Scan# 404

Delta R.T. -0.03 min

Lab File: VV006606.D

Acq: 13 Jul 2018 21:18

Instrument :

MSVOA_V

ClientSampleId :

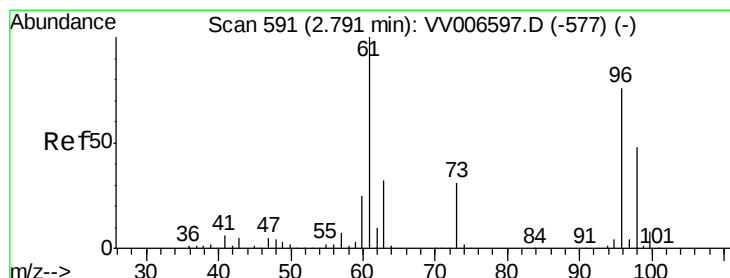
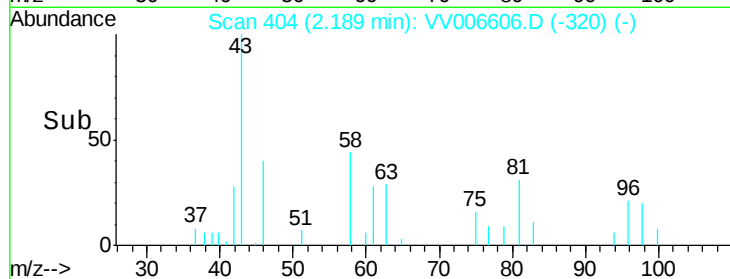
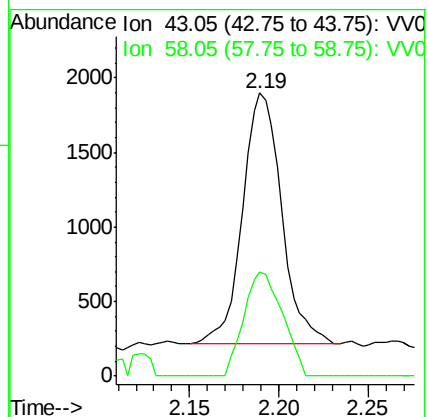
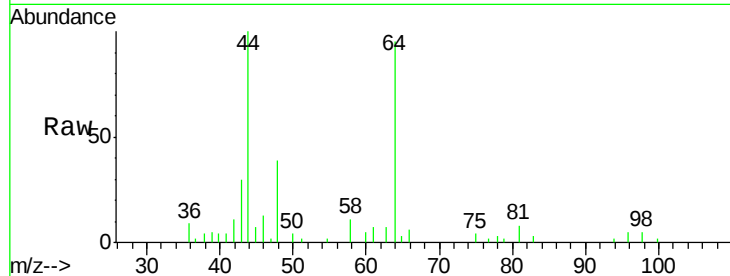
DB192MSD

Tot Ion: 43 Resp: 2584

Ion Ratio Lower Upper

43 100

58 40.8 0.0 76.2



#18

trans-1,2-Dichloroethene

Concen: 5.14 ug/L

RT: 2.79 min Scan# 591

Delta R.T. -0.00 min

Lab File: VV006606.D

Acq: 13 Jul 2018 21:18

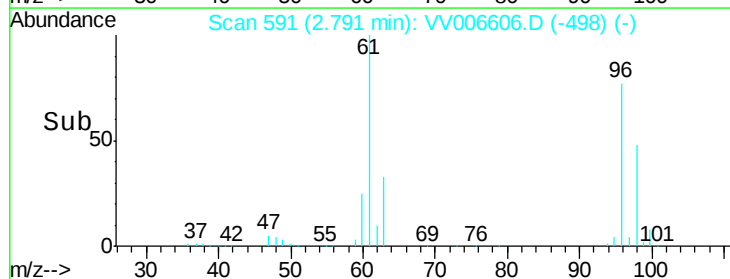
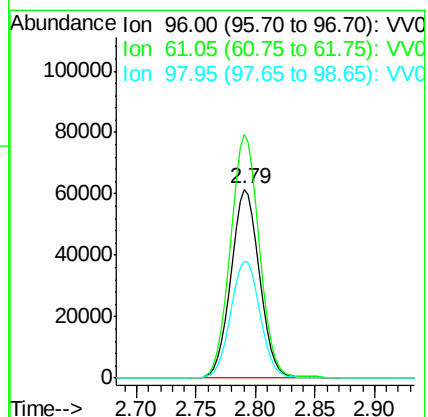
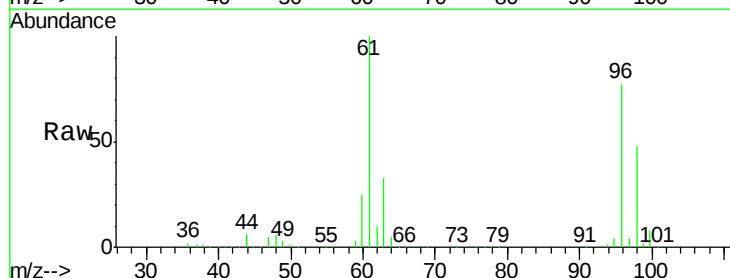
Tgt Ion: 96 Resp: 102752

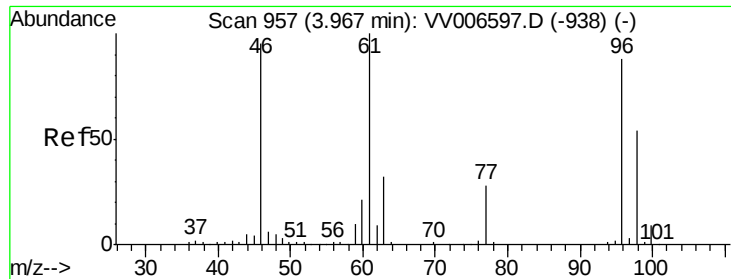
Ion Ratio Lower Upper

96 100

61 129.1 96.5 179.3

98 62.3 45.1 83.7





#22

cis-1,2-Dichloroethene

Concen: 5.48 ug/L

RT: 3.97 min Scan# 957

Delta R.T. -0.00 min

Lab File: VV006606.D

Acq: 13 Jul 2018 21:18

Instrument :

MSVOA_V

ClientSampleId :

DB192MSD

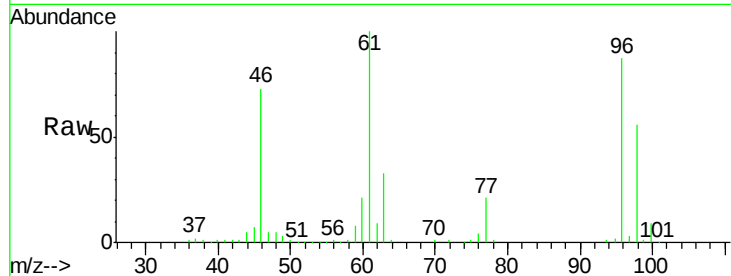
Tot Ion: 96 Resp: 117712

Ion Ratio Lower Upper

96 100

61 114.6 83.8 155.6

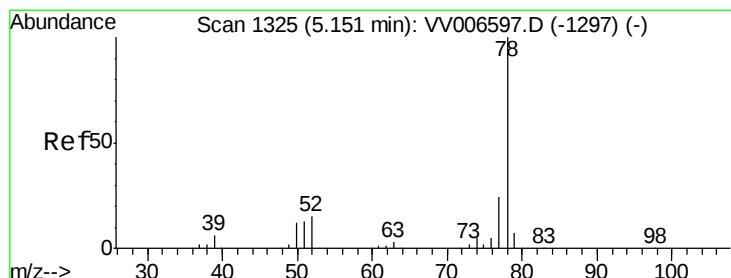
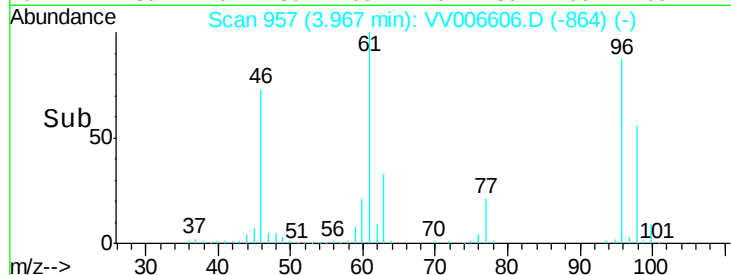
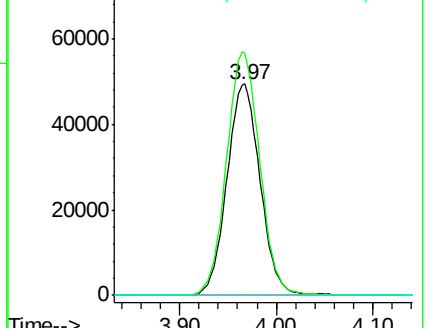
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV006606.D (-864) (-)

Ion 61.05 (60.75 to 61.75): VV006606.D (-864) (-)

Ion 68.15 (67.85 to 68.85): VV006606.D (-864) (-)



#33

Benzene

Concen: 4.91 ug/L

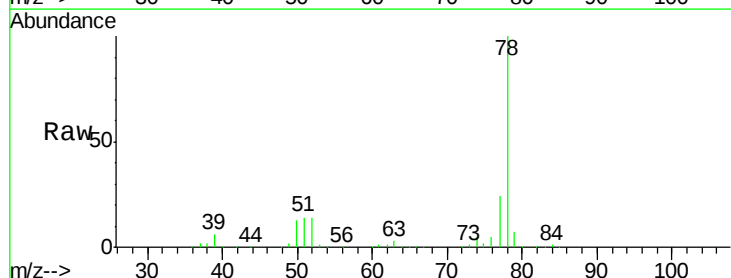
RT: 5.15 min Scan# 1325

Delta R.T. -0.00 min

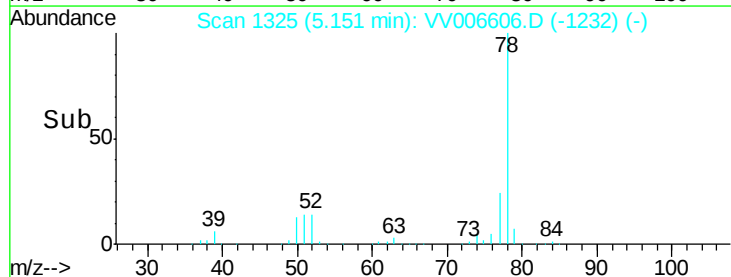
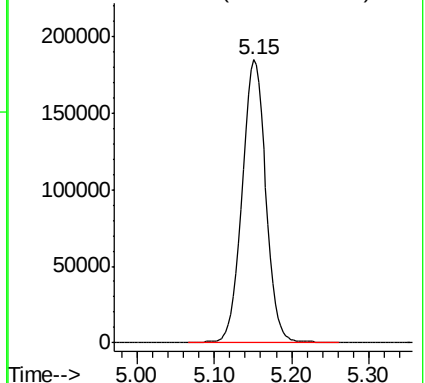
Lab File: VV006606.D

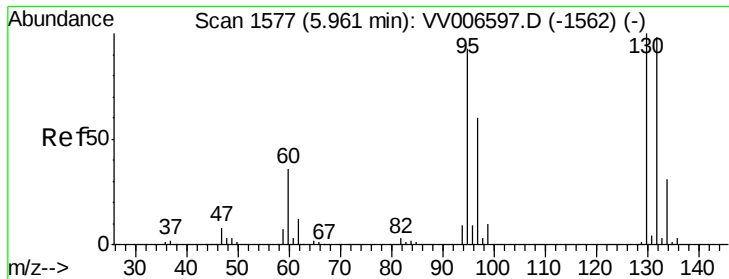
Acq: 13 Jul 2018 21:18

Tgt Ion: 78 Resp: 394789



Abundance Ion 78.10 (77.80 to 78.80): VV006606.D (-1232) (-)

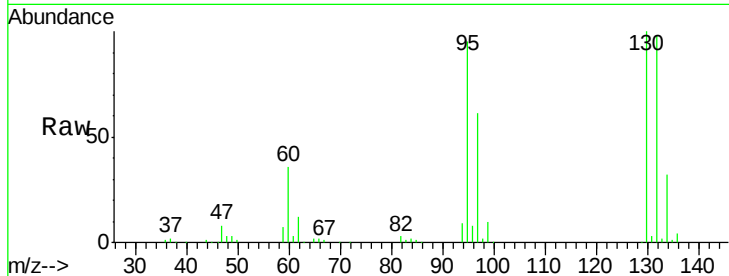




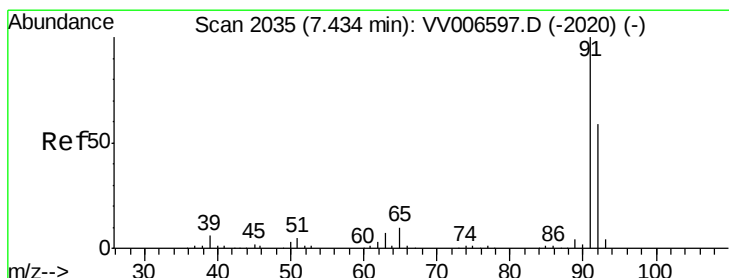
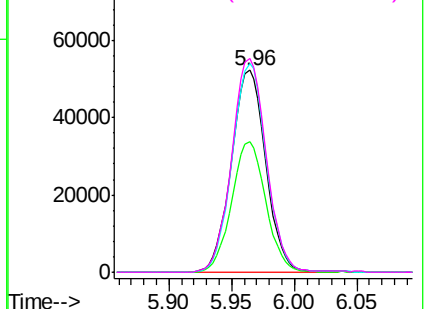
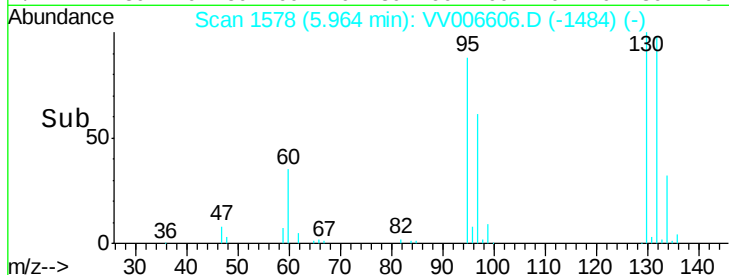
#34
 Trichloroethene
 Concen: 4.84 ug/L
 RT: 5.96 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VV006606.D
 Acq: 13 Jul 2018 21:18

Instrument :
 MSVOA_V
 ClientSampleId :
 DB192MSD

Tot Ion: 95 Resp: 99691
 Ion Ratio Lower Upper
 95 100
 97 64.7 44.3 82.3
 132 103.4 70.0 130.0
 130 105.7 72.7 134.9

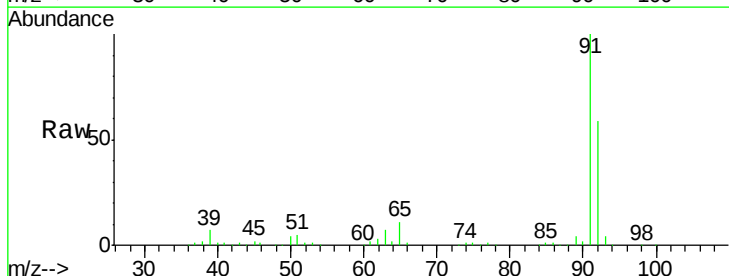


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

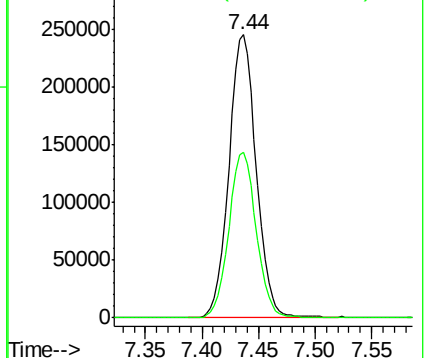
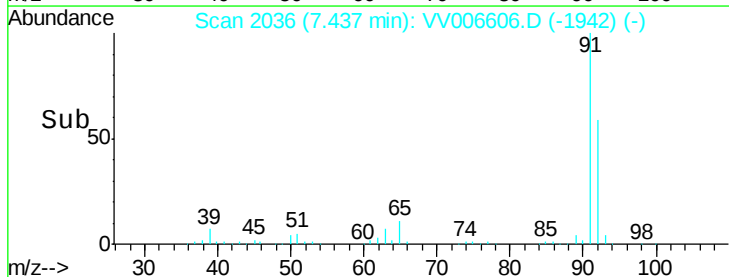


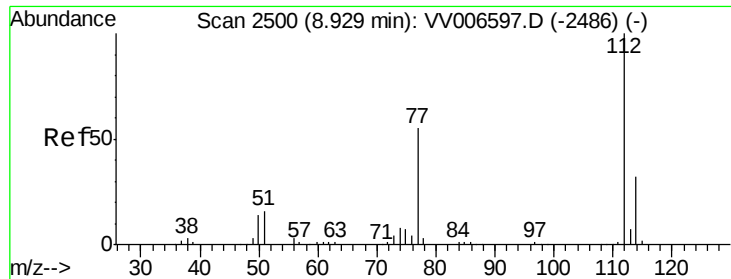
#42
 Toluene
 Concen: 4.93 ug/L
 RT: 7.44 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VV006606.D
 Acq: 13 Jul 2018 21:18

Tgt Ion: 91 Resp: 412306
 Ion Ratio Lower Upper
 91 100
 92 58.7 40.6 75.4



Abundance Ion 91.15 (90.85 to 91.85): VV0
 Ion 92.15 (91.85 to 92.85): VV0





#51
 Chlorobenzene
 Concen: 5.00 ug/L
 RT: 8.93 min Scan# 2500
 Delta R.T. -0.00 min
 Lab File: VV006606.D
 Acq: 13 Jul 2018 21:18

Instrument :
 MSVOA_V
 ClientSampleId :
 DB192MSD

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.3	41.5
77	55.5	45.1	67.7

