

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071318\
 Data File : VV006608.D
 Acq On : 13 Jul 2018 22:13
 Operator : SY/MD
 Sample : J3983-17
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB197

Quant Time: Jul 14 00:32:05 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	288469	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	268791	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	121897	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	91441	5.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.60%
7) Chloroethane-d5	1.58	69	76906	5.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.40%
11) 1,1-Dichloroethene-d2	2.13	63	120902	4.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.80%
20) 2-Butanone-d5	3.95	46	202888	50.93	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.86%
24) Chloroform-d	4.41	84	159415	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	5.09	65	76108	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.10	84	344414	5.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.40%
36) 1,2-Dichloropropane-d6	6.12	67	104821	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.37	98	306310	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.80%
43) trans-1,3-Dichloropropene-	7.67	79	31510	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.14	63	187397	55.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.04%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	78658	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	117189	5.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.80%

Target Compounds

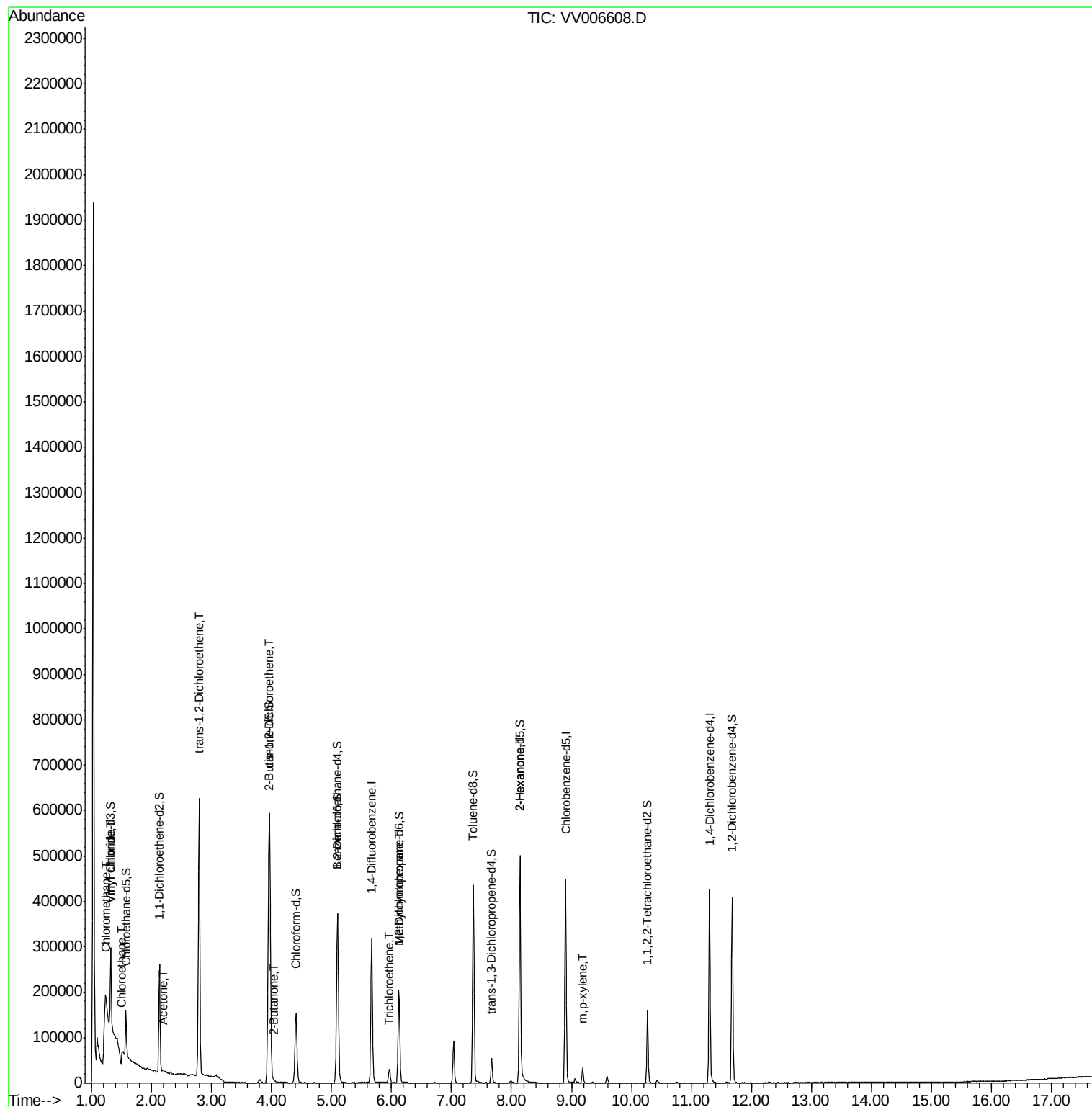
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.25	50	10154	0.367	ug/L #	56
5) Vinyl chloride	1.32	62	44560	1.735	ug/L #	1
8) Chloroethane	1.51	64	44063	2.827	ug/L #	52
13) Acetone	2.19	43	2455	0.974	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	237330	12.044	ug/L	96
21) 2-Butanone	4.04	43	1071	0.259	ug/L #	44
22) cis-1,2-Dichloroethene	3.97	96	315533	14.905	ug/L	96
34) Trichloroethene	5.96	95	10338	0.502	ug/L	94
35) Methylcyclohexane	6.12	83	25301	0.764	ug/L #	19
48) 2-Hexanone	8.14	43	17671	2.506	ug/L #	64
53) m,p-xylene	9.19	106	9776	0.286	ug/L	95

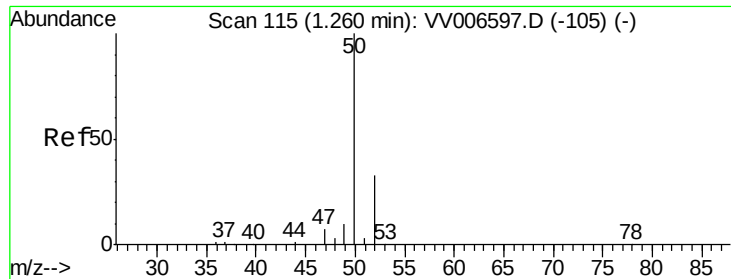
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071318\
Data File : VV006608.D
Acq On : 13 Jul 2018 22:13
Operator : SY/MD
Sample : J3983-17
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB197

Quant Time: Jul 14 00:32:05 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





#3

Chloromethane

Concen: 0.367 ug/L

RT: 1.25 min Scan# 112

Delta R.T. -0.01 min

Lab File: VV006608.D

Acq: 13 Jul 2018 22:13

Instrument :

MSVOA_V

ClientSampled :

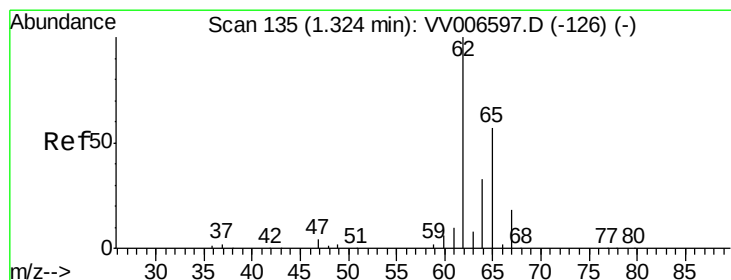
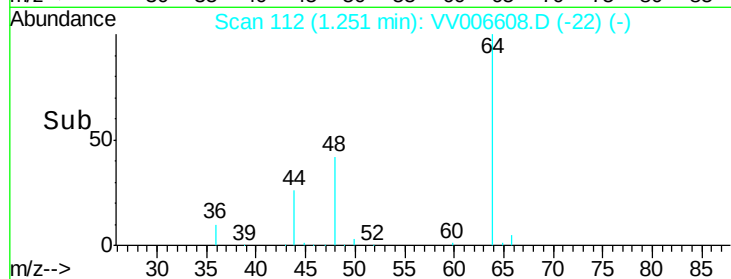
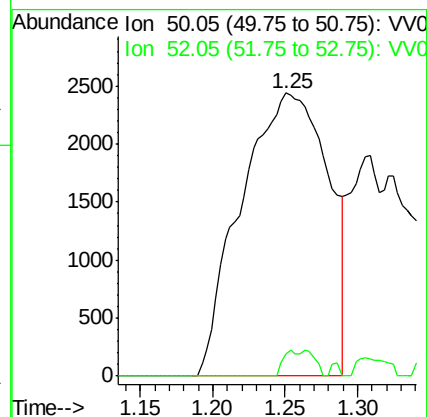
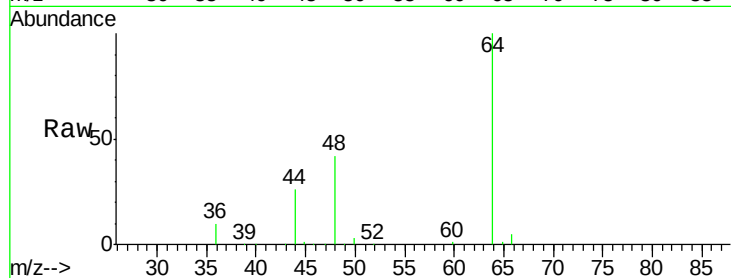
DB197

Tgt Ion: 50 Resp: 10154

Ion Ratio Lower Upper

50 100

52 8.0 22.9 42.5#



#5

Vinyl chloride

Concen: 1.735 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV006608.D

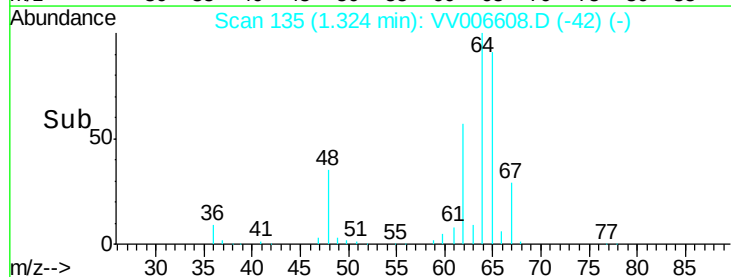
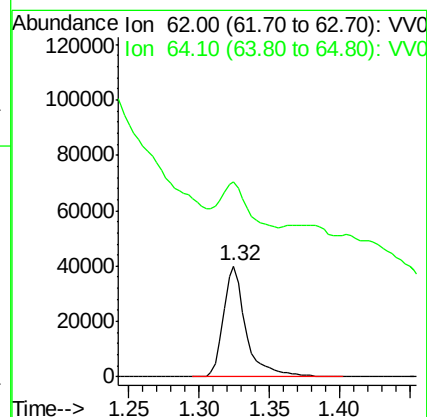
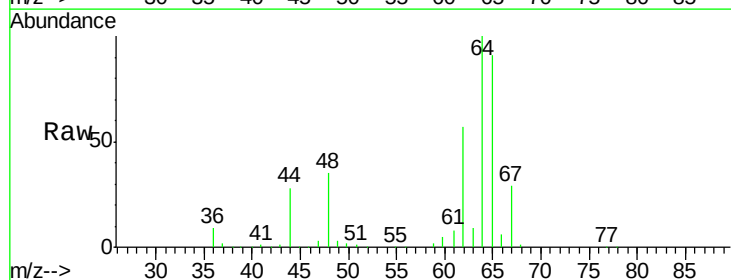
Acq: 13 Jul 2018 22:13

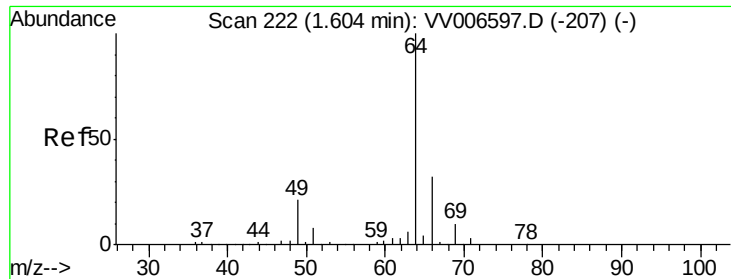
Tgt Ion: 62 Resp: 44560

Ion Ratio Lower Upper

62 100

64 175.8 23.0 42.6#





#8

Chloroethane

Concen: 2.827 ug/L

RT: 1.51 min Scan# 193

Delta R.T. -0.09 min

Lab File: VV006608.D

Acq: 13 Jul 2018 22:13

Instrument :

MSVOA_V

ClientSampled :

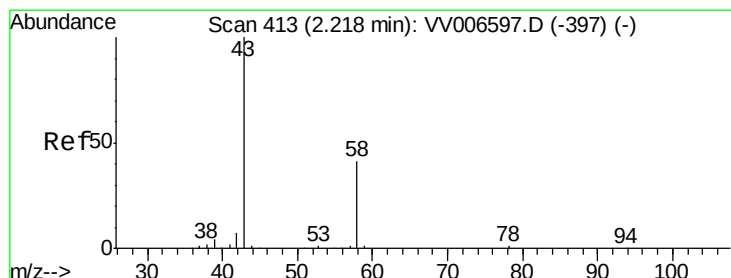
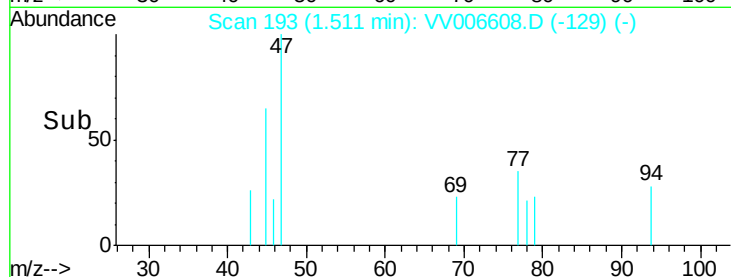
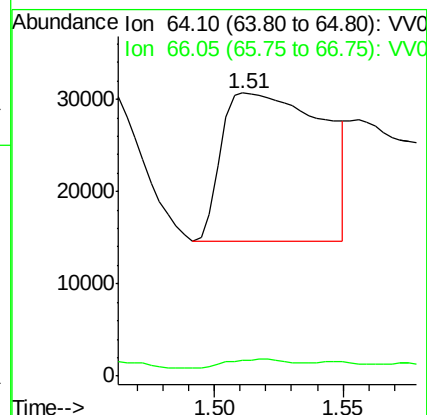
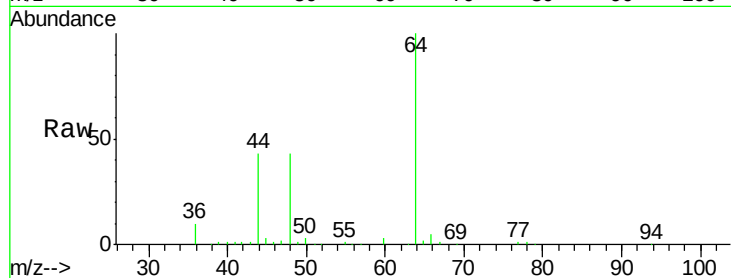
DB197

Tgt Ion: 64 Resp: 44063

Ion Ratio Lower Upper

64 100

66 5.4 22.5 41.7#



#13

Acetone

Concen: 0.974 ug/L

RT: 2.19 min Scan# 405

Delta R.T. -0.03 min

Lab File: VV006608.D

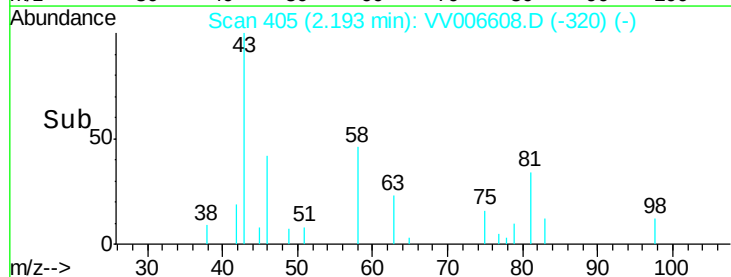
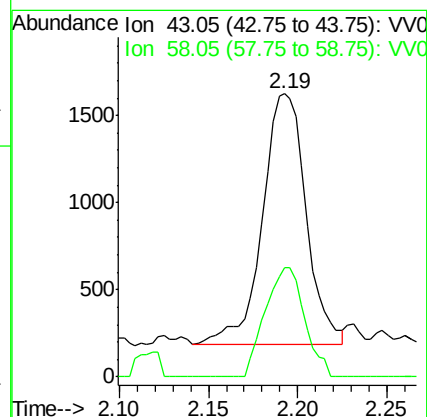
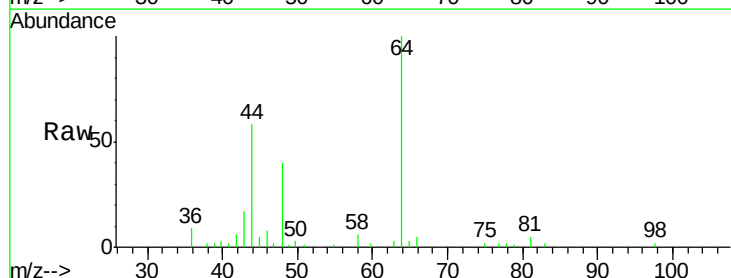
Acq: 13 Jul 2018 22:13

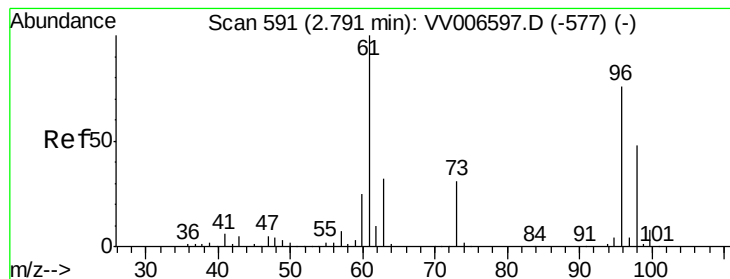
Tgt Ion: 43 Resp: 2455

Ion Ratio Lower Upper

43 100

58 39.4 0.0 76.2





#18

trans-1,2-Dichloroethene

Concen: 12.044 ug/L

RT: 2.79 min Scan# 592

Delta R.T. 0.00 min

Lab File: VV006608.D

Acq: 13 Jul 2018 22:13

Instrument :

MSVOA_V

ClientSampleID :

DB197

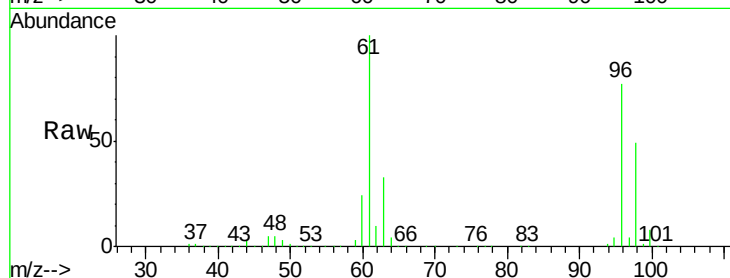
Tgt Ion: 96 Resp: 237330

Ion Ratio Lower Upper

96 100

61 130.3 96.5 179.3

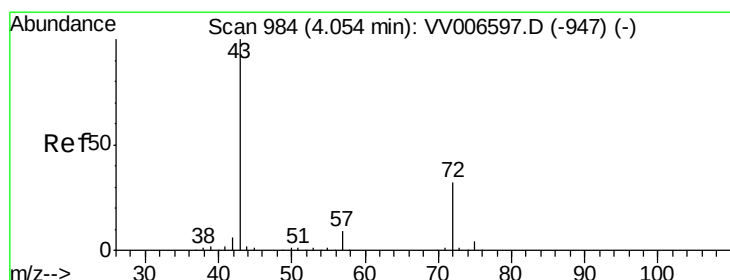
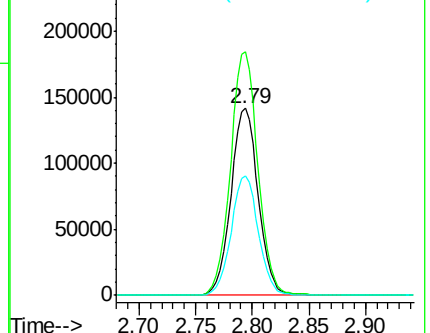
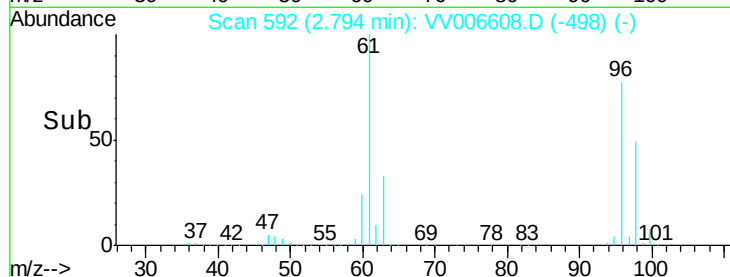
98 64.1 45.1 83.7



Abundance Ion 96.00 (95.70 to 96.70): VV006608.D (-498) (-)

Ion 61.05 (60.75 to 61.75): VV006608.D (-498) (-)

Ion 97.95 (97.65 to 98.65): VV006608.D (-498) (-)



#21

2-Butanone

Concen: 0.259 ug/L

RT: 4.04 min Scan# 980

Delta R.T. -0.01 min

Lab File: VV006608.D

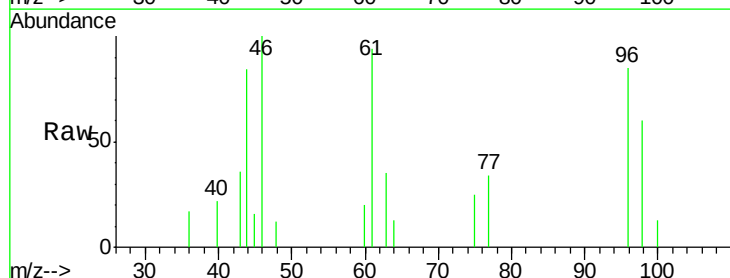
Acq: 13 Jul 2018 22:13

Tgt Ion: 43 Resp: 1071

Ion Ratio Lower Upper

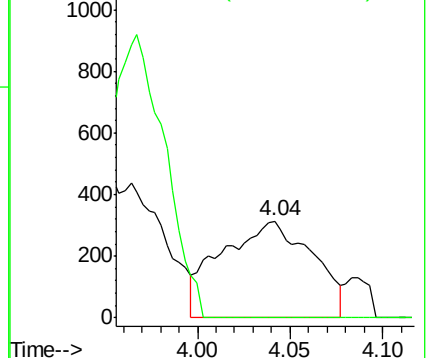
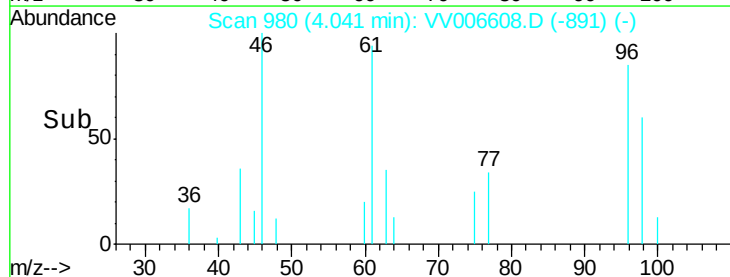
43 100

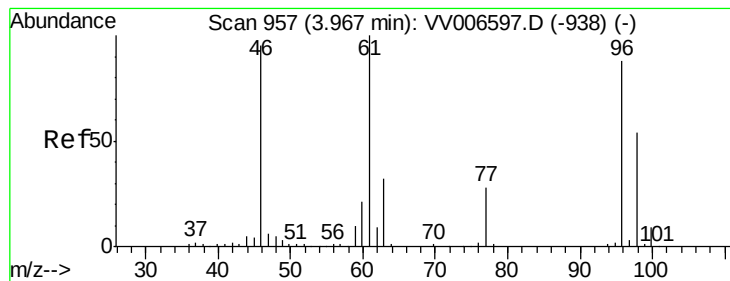
72 0.0 15.1 45.3#



Abundance Ion 43.05 (42.75 to 43.75): VV006608.D (-891) (-)

Ion 72.10 (71.80 to 72.80): VV006608.D (-891) (-)



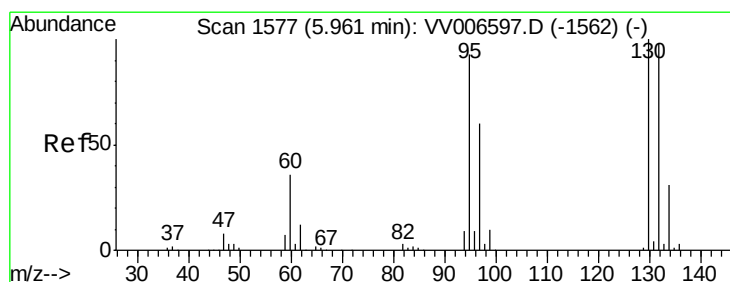
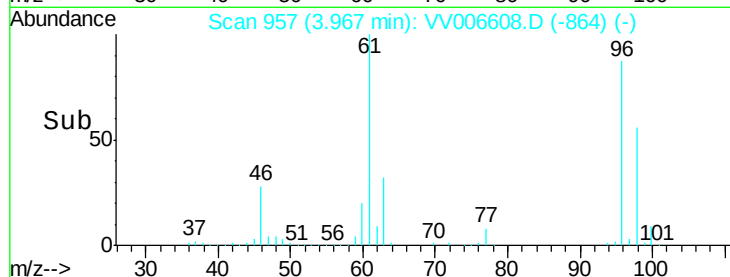
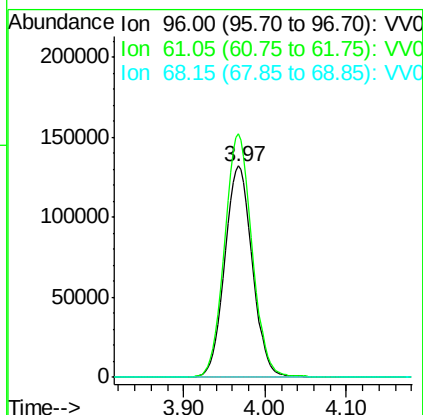
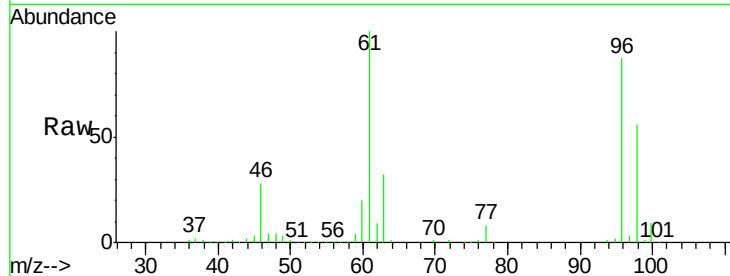


#22

cis-1,2-Dichloroethene
Concen: 14.905 ug/L
RT: 3.97 min Scan# 957
Delta R.T. 0.00 min
Lab File: VV006608.D
Acq: 13 Jul 2018 22:13

Instrument :
MSVOA_V
ClientSampleId :
DB197

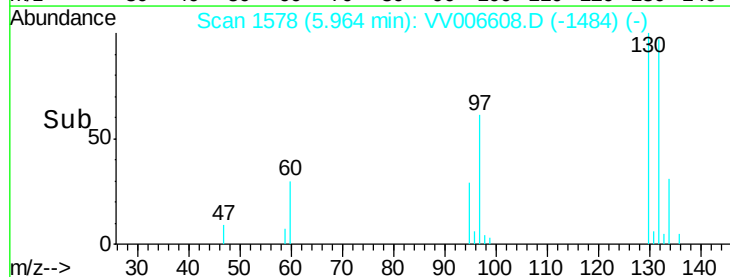
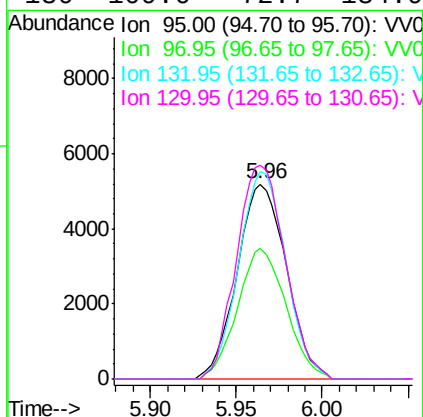
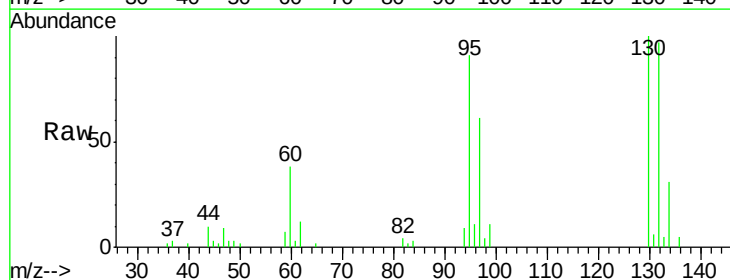
Tgt Ion: 96 Resp: 315533
Ion Ratio Lower Upper
96 100
61 115.2 83.8 155.6
68 0.0 0.0 0.0

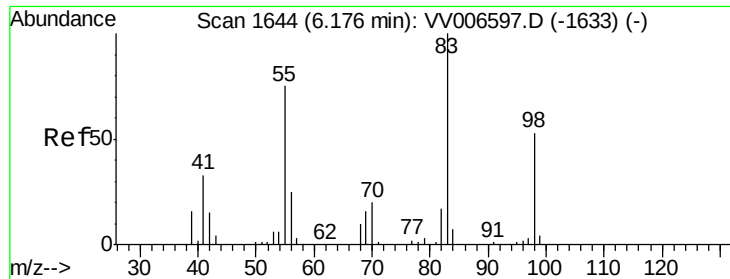


#34

Trichloroethene
Concen: 0.502 ug/L
RT: 5.96 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VV006608.D
Acq: 13 Jul 2018 22:13

Tgt Ion: 95 Resp: 10338
Ion Ratio Lower Upper
95 100
97 66.9 44.3 82.3
132 106.5 70.0 130.0
130 109.6 72.7 134.9

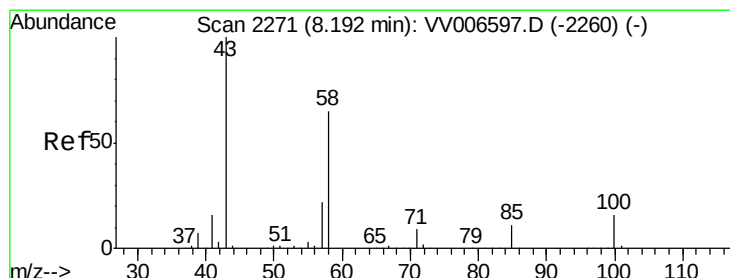
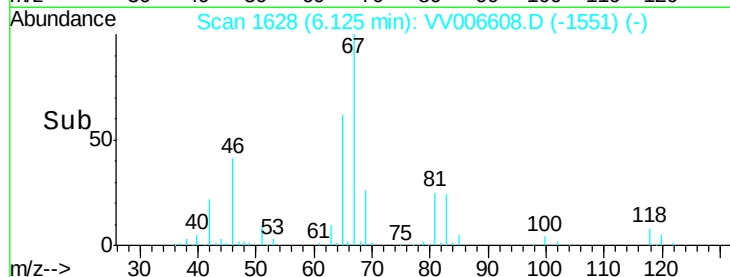
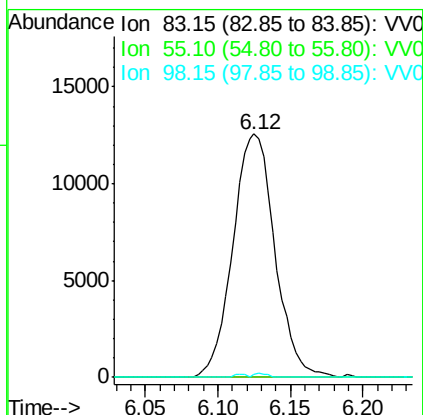
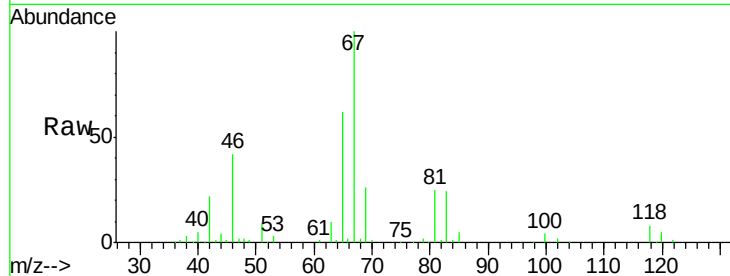




#35
Methylcyclohexane
Concen: 0.764 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006608.D
Acq: 13 Jul 2018 22:13

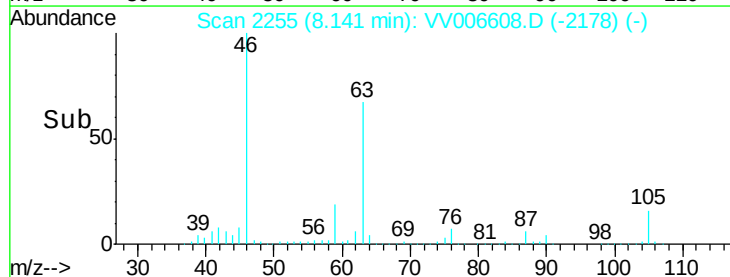
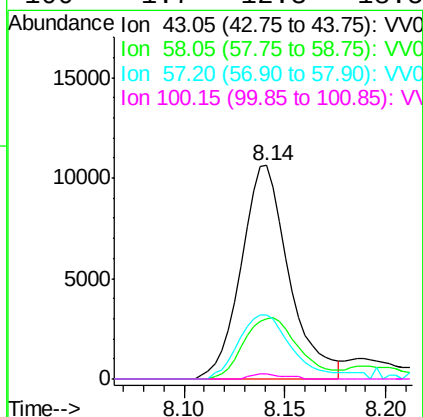
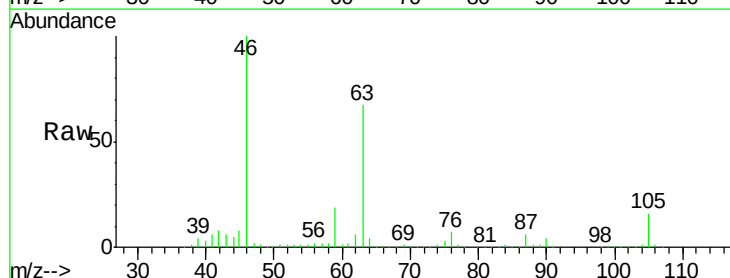
Instrument :
MSVOA_V
ClientSampleId :
DB197

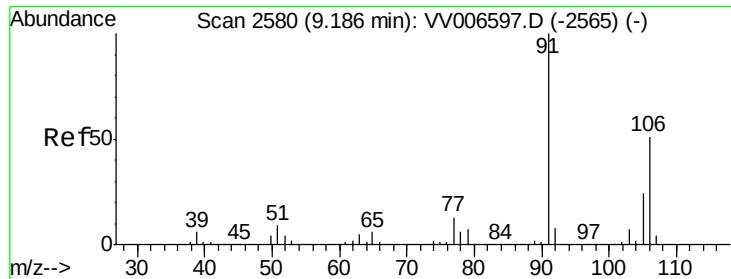
Tgt Ion: 83 Resp: 25301
Ion Ratio Lower Upper
83 100
55 0.0 58.3 87.5#
98 0.5 39.3 58.9#



#48
2-Hexanone
Concen: 2.506 ug/L
RT: 8.14 min Scan# 2255
Delta R.T. -0.05 min
Lab File: VV006608.D
Acq: 13 Jul 2018 22:13

Tgt Ion: 43 Resp: 17671
Ion Ratio Lower Upper
43 100
58 32.3 50.3 75.5#
57 34.4 17.0 25.4#
100 1.7 12.3 18.5#





#53

m,p-xylene

Concen: 0.286 ug/L

RT: 9.19 min Scan# 2580

Delta R.T. 0.00 min

Lab File: VV006608.D

Acq: 13 Jul 2018 22:13

Instrument :
MSVOA_V
ClientSampleId :
DB197

Tgt Ion:106 Resp: 9776

Ion Ratio Lower Upper

106 100

91 204.4 137.5 255.3

