

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080818\
 Data File : VV006936.D
 Acq On : 08 Aug 2018 16:17
 Operator : SY/MD
 Sample : J4357-22
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 09 07:07:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 09 07:05:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	214411	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	198186	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	78766	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	292481	22.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	455.00%#
7) Chloroethane-d5	1.58	69	65263	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.80%
11) 1,1-Dichloroethene-d2	2.14	63	177829	6.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	134.60%#
20) 2-Butanone-d5	3.99	46	199100	48.54	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.08%
24) Chloroform-d	4.41	84	134923	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.09	65	72935	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.10	84	271001	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.80%
36) 1,2-Dichloropropane-d6	6.13	67	90528	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.36	98	203074	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	7.67	79	28121	4.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.80%
46) 2-Hexanone-d5	8.15	63	95435	40.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.64%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	62793	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	68105	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

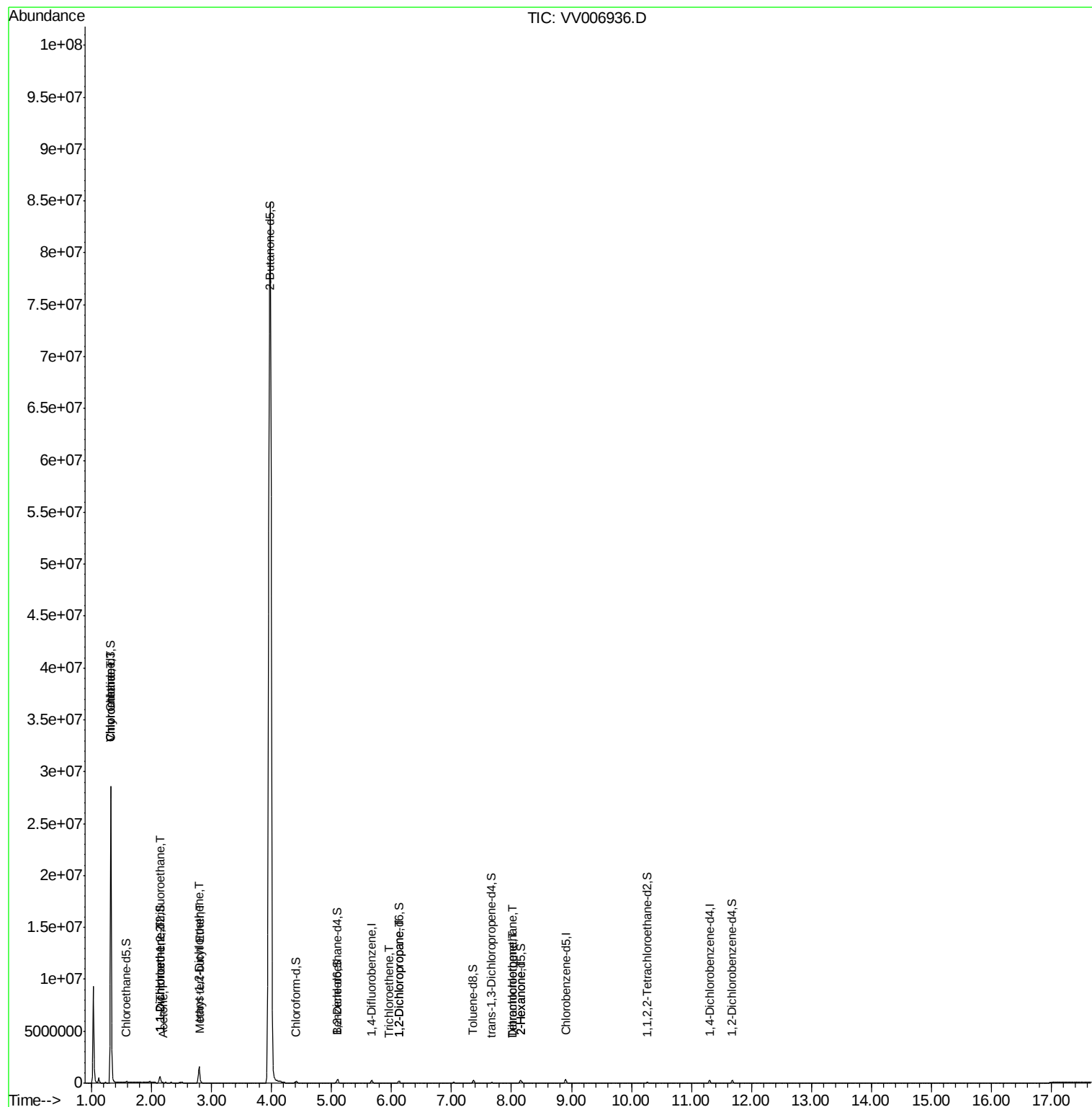
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.32	50	156205	6.780	ug/L #	44
8) Chloroethane	1.32	64	7903958	622.362	ug/L #	42
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	4757	0.321	ug/L #	76
12) 1,1-Dichloroethene	2.14	96	144698	10.202	ug/L	90
13) Acetone	2.21	43	1683	0.629	ug/L	74
17) Methyl tert-butyl Ether	2.82	73	11603	0.315	ug/L #	79
18) trans-1,2-Dichloroethene	2.79	96	582633	37.829	ug/L	97
34) Trichloroethene	5.96	95	13454	0.946	ug/L	96
37) 1,2-Dichloropropane	6.13	63	9747	0.574	ug/L #	87
47) Tetrachloroethene	8.02	164	6634	0.613	ug/L	90
48) 2-Hexanone	8.15	43	15058	2.270	ug/L #	69
49) Dibromochloromethane	8.02	129	5536	0.491	ug/L #	9

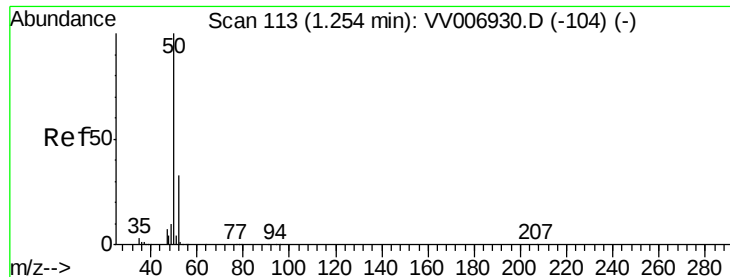
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 09 07:05:51 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 6.780 ug/L

RT: 1.32 min Scan# 134

Delta R.T. 0.07 min

Lab File: VV006936.D

Acq: 08 Aug 2018 16:17

Instrument :

MSVOA_V

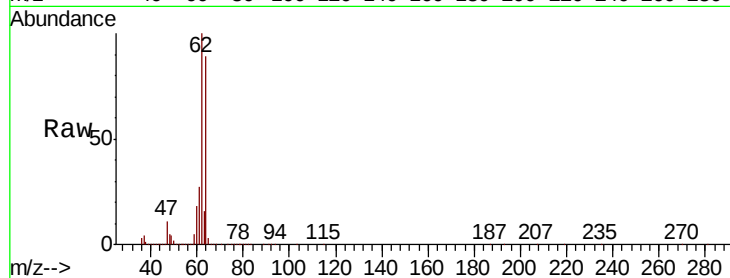
ClientSampleId :

Tot Ion: 50 Resp: 156205

Ion Ratio Lower Upper

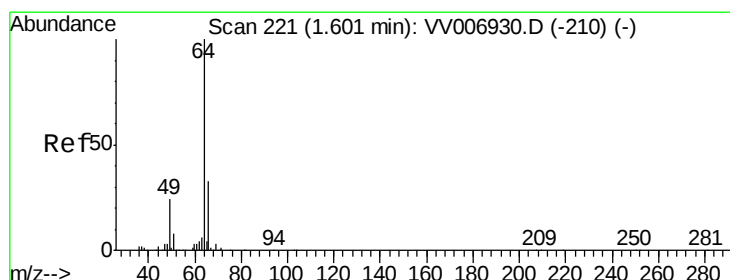
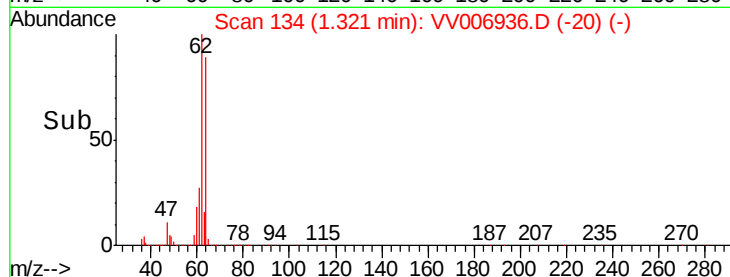
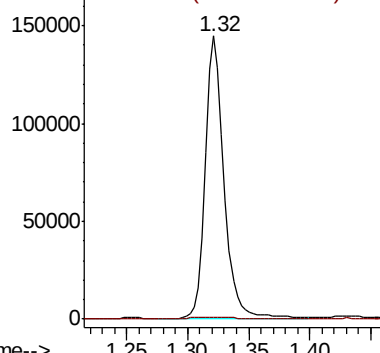
50 100

52 0.8 22.3 41.3#



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#8

Chloroethane

Concen: 622.362 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.28 min

Lab File: VV006936.D

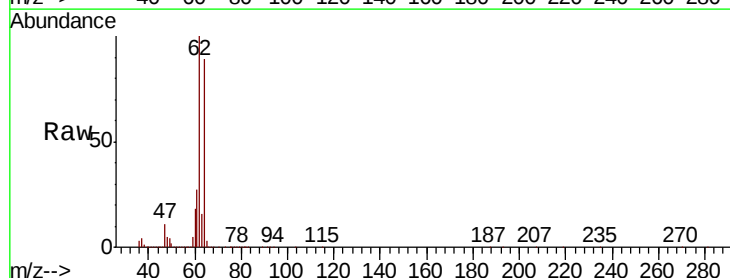
Acq: 08 Aug 2018 16:17

Tgt Ion: 64 Resp: 7903958

Ion Ratio Lower Upper

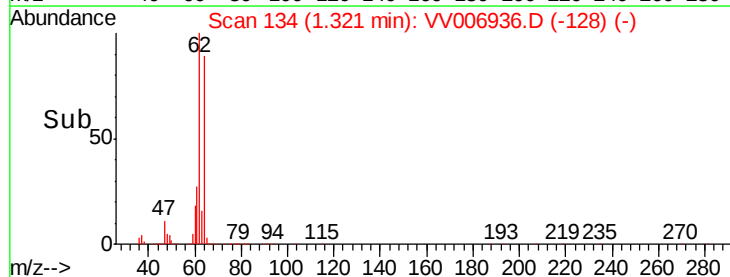
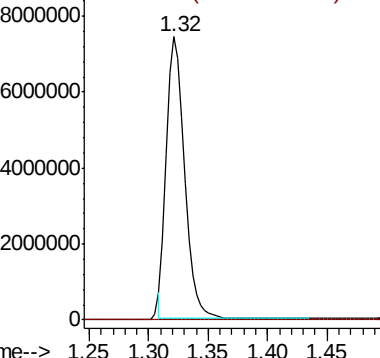
64 100

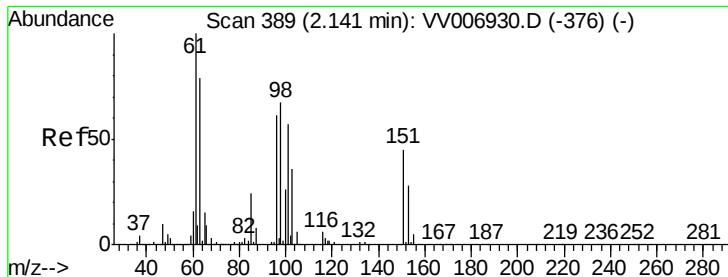
66 0.0 22.6 42.0#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.321 ug/L

RT: 2.14 min Scan# 389

Delta R.T. 0.00 min

Lab File: VV006936.D

Acq: 08 Aug 2018 16:17

Instrument :

MSVOA_V

ClientSampleId :

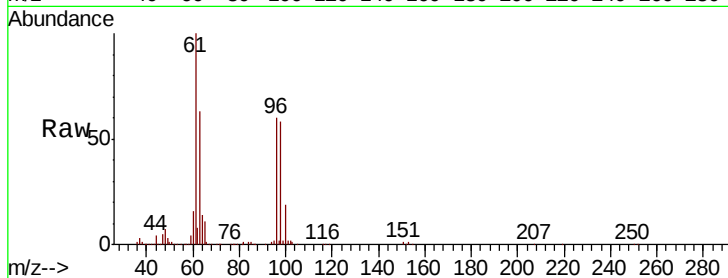
Tot Ion:101 Resp: 4757

Ion Ratio Lower Upper

101 100

85 30.5 36.2 54.4#

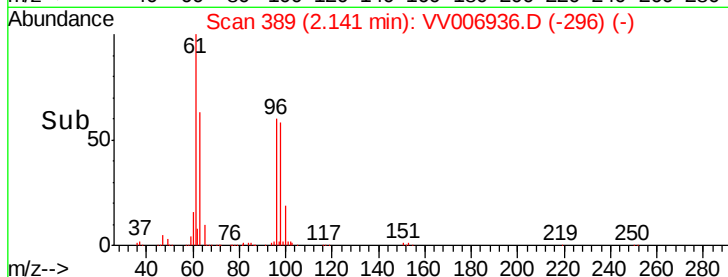
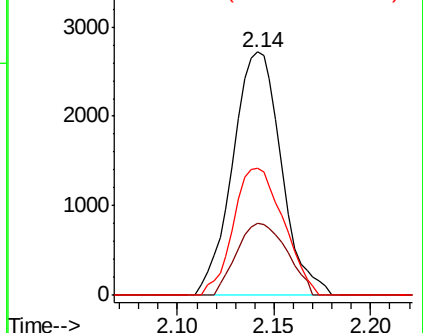
151 53.6 59.8 89.8#



Abundance Ion 101.00 (100.70 to 101.70): VV006936.D (-296) (-)

Ion 85.00 (84.70 to 85.70): VV006936.D (-296) (-)

Ion 151.00 (150.70 to 151.70): VV006936.D (-296) (-)



#12

1,1-Dichloroethene

Concen: 10.202 ug/L

RT: 2.14 min Scan# 390

Delta R.T. 0.00 min

Lab File: VV006936.D

Acq: 08 Aug 2018 16:17

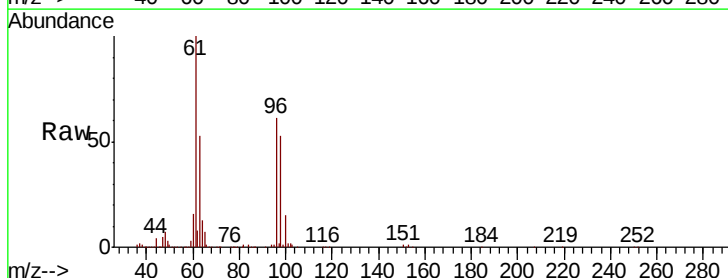
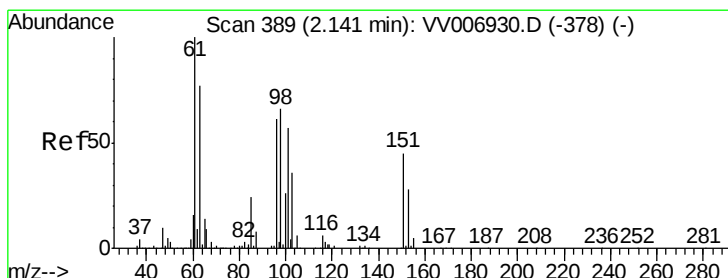
Tgt Ion: 96 Resp: 144698

Ion Ratio Lower Upper

96 100

61 163.2 119.0 221.0

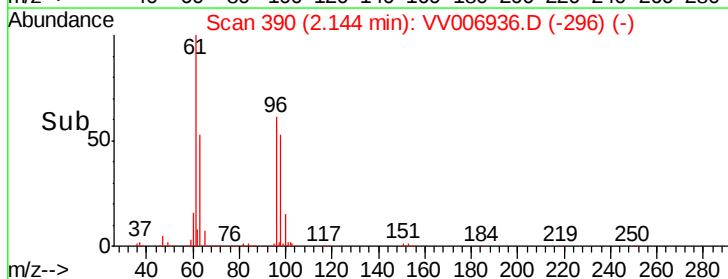
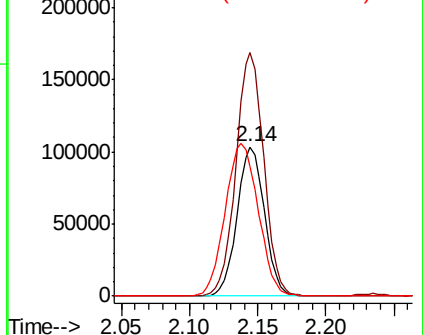
63 86.7 73.6 136.6

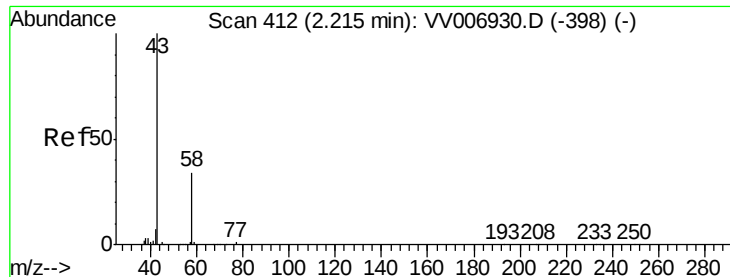


Abundance Ion 96.00 (95.70 to 96.70): VV006936.D (-296) (-)

Ion 61.05 (60.75 to 61.75): VV006936.D (-296) (-)

Ion 63.00 (62.70 to 63.70): VV006936.D (-296) (-)





#13

Acetone

Concen: 0.629 ug/L

RT: 2.21 min Scan# 409

Delta R.T. -0.01 min

Lab File: VV006936.D

Acq: 08 Aug 2018 16:17

Instrument :

MSVOA_V

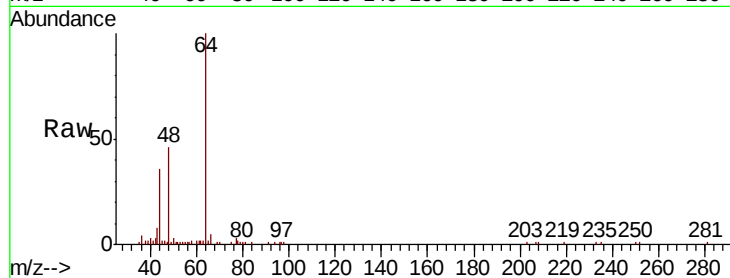
ClientSampled :

Tot Ion: 43 Resp: 1683

Ion Ratio Lower Upper

43 100

58 48.7 0.0 68.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

1500

1000

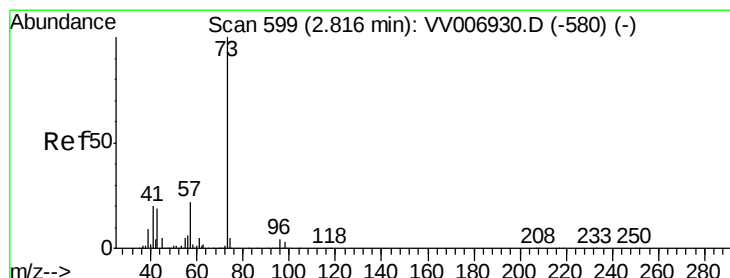
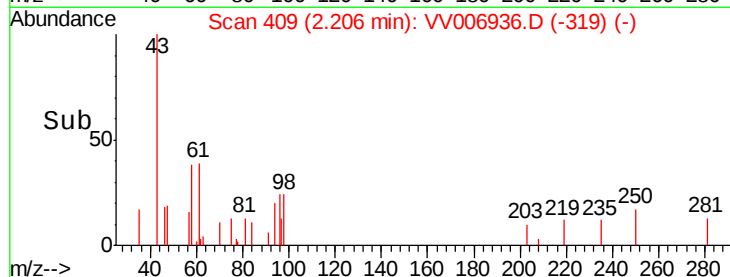
500

2.21

2.20

2.25

Time-->



#17

Methyl tert-butyl Ether

Concen: 0.315 ug/L

RT: 2.82 min Scan# 600

Delta R.T. 0.00 min

Lab File: VV006936.D

Acq: 08 Aug 2018 16:17

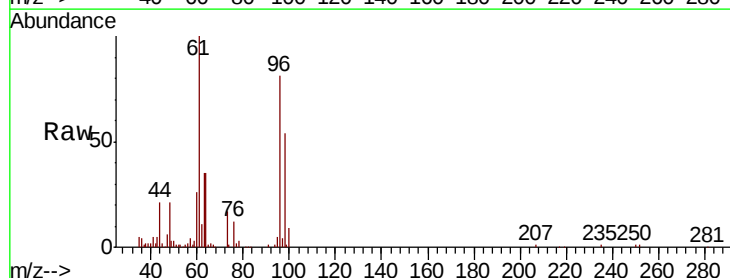
Tgt Ion: 73 Resp: 11603

Ion Ratio Lower Upper

73 100

43 24.7 15.3 22.9#

57 37.3 18.8 28.2#



Abundance Ion 73.10 (72.80 to 73.80): VV0

Ion 43.05 (42.75 to 43.75): VV0

Ion 57.10 (56.80 to 57.80): VV0

6000

4000

2000

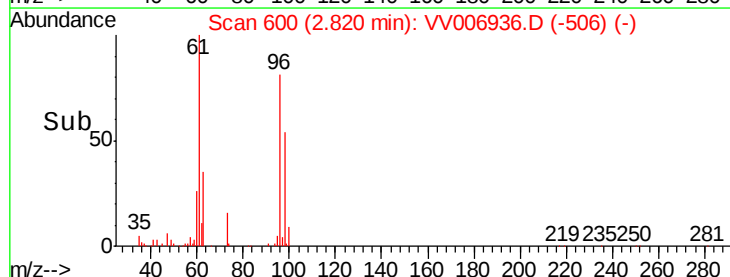
2.82

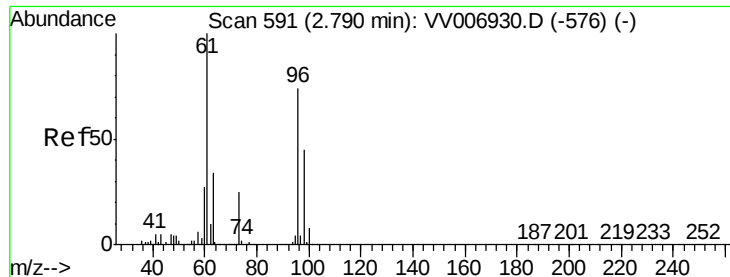
2.75

2.85

2.90

Time-->





#18

trans-1,2-Dichloroethene

Concen: 37.829 ug/L

RT: 2.79 min Scan# 592

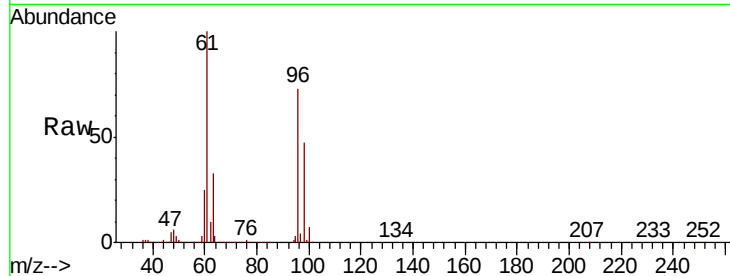
Delta R.T. 0.00 min

Lab File: VV006936.D

Acq: 08 Aug 2018 16:17

Instrument :
MSVOA_V
ClientSampled :

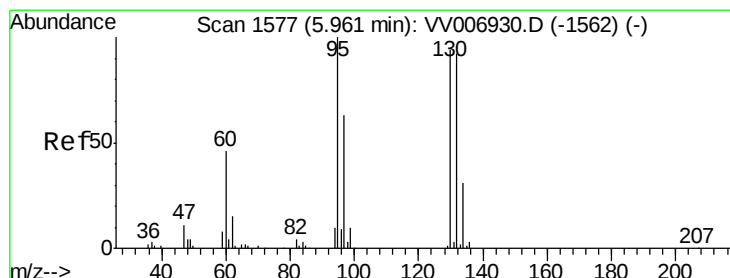
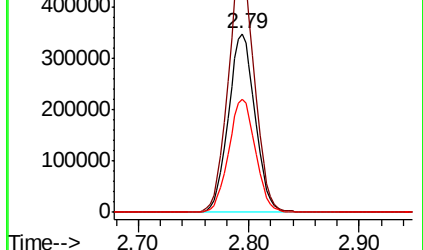
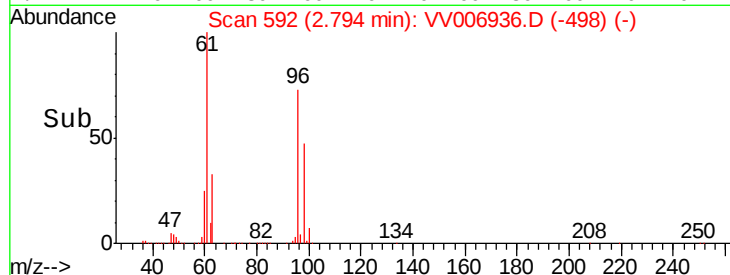
Tot Ion:	96	Resp:	582633
Ion	Ratio	Lower	Upper
96	100		
61	136.2	97.3	180.7
98	63.5	42.8	79.6



Abundance Ion 96.00 (95.70 to 96.70): VV006936.D (-498) (-)

Ion 61.05 (60.75 to 61.75): VV006936.D (-498) (-)

Ion 97.95 (97.65 to 98.65): VV006936.D (-498) (-)



#34

Trichloroethene

Concen: 0.946 ug/L

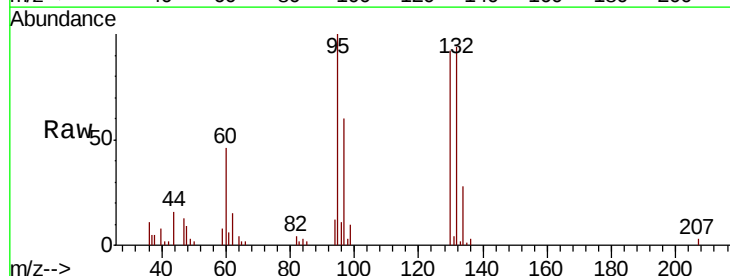
RT: 5.96 min Scan# 1577

Delta R.T. 0.00 min

Lab File: VV006936.D

Acq: 08 Aug 2018 16:17

Tgt Ion:	95	Resp:	13454
Ion	Ratio	Lower	Upper
95	100		
97	60.1	44.4	82.4
132	93.8	65.6	121.8
130	91.8	68.8	127.8

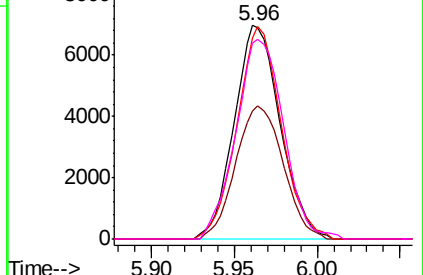
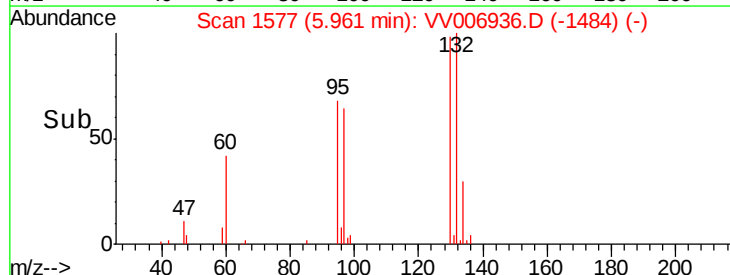


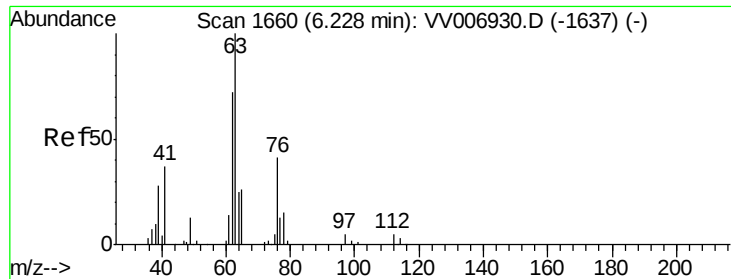
Abundance Ion 95.00 (94.70 to 95.70): VV006936.D (-1484) (-)

Ion 96.95 (96.65 to 97.65): VV006936.D (-1484) (-)

Ion 131.95 (131.65 to 132.65): VV006936.D (-1484) (-)

Ion 129.95 (129.65 to 130.65): VV006936.D (-1484) (-)





#37

1,2-Dichloropropane

Concen: 0.574 ug/L

RT: 6.13 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VV006936.D

Acq: 08 Aug 2018 16:17

Instrument :

MSVOA_V

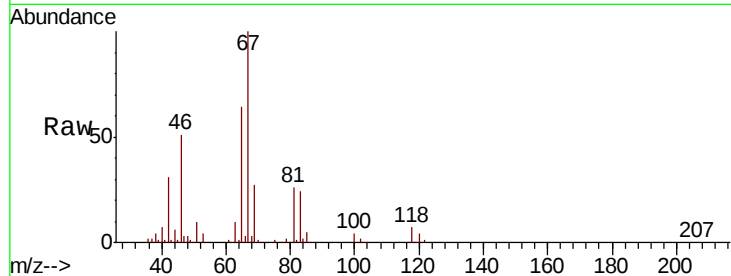
ClientSampled :

Tot Ion: 63 Resp: 9747

Ion Ratio Lower Upper

63 100

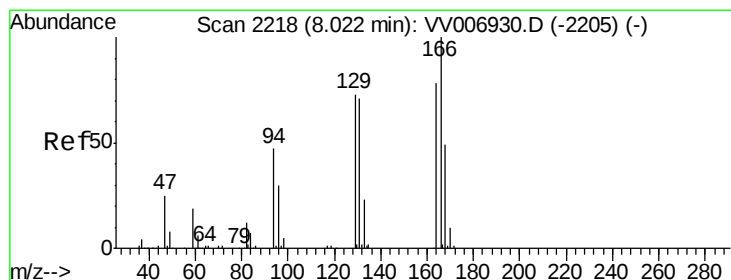
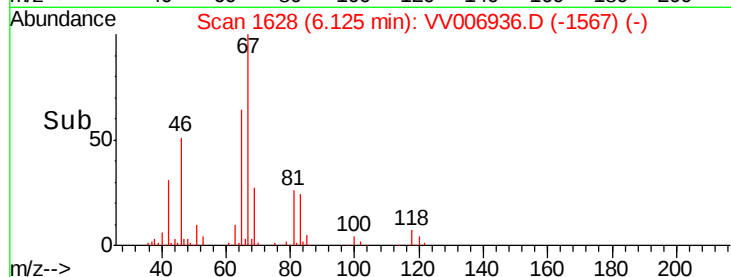
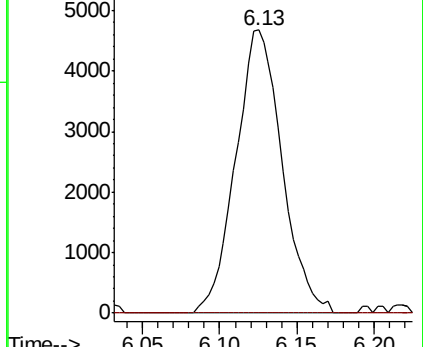
112 0.2 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VV006936.D (-1567) (-)

Ion 112.10 (111.80 to 112.80): VV006936.D (-1567) (-)

6.13



#47

Tetrachloroethene

Concen: 0.613 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VV006936.D

Acq: 08 Aug 2018 16:17

Tgt Ion: 164 Resp: 6634

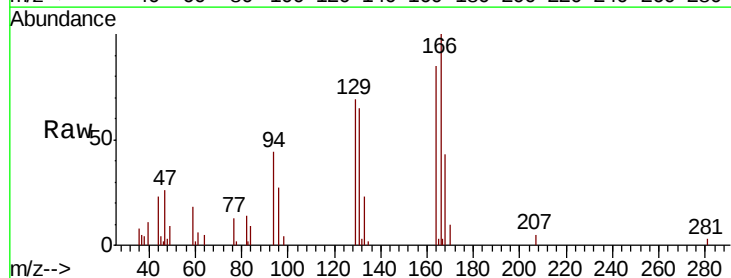
Ion Ratio Lower Upper

164 100

129 81.3 63.1 117.3

131 75.9 62.3 115.7

166 117.0 87.4 162.4

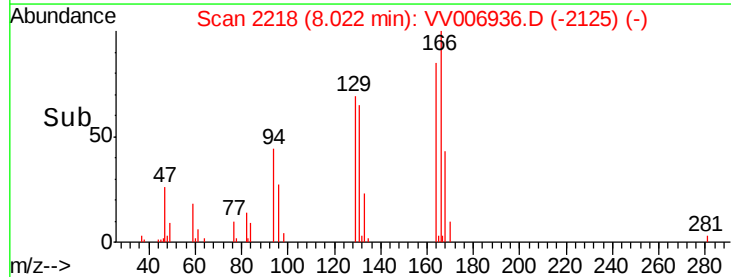
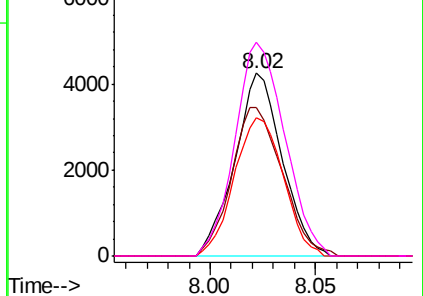


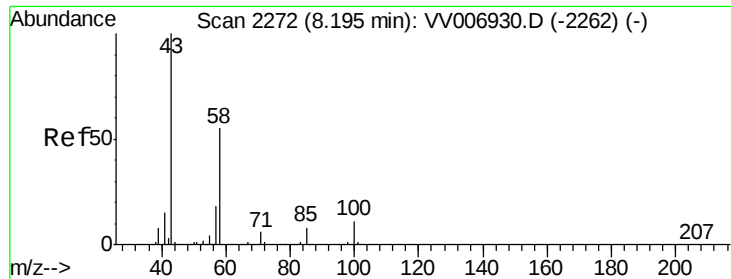
Abundance Ion 163.90 (163.60 to 164.60): VV006936.D (-2125) (-)

Ion 128.95 (128.65 to 129.65): VV006936.D (-2125) (-)

Ion 130.95 (130.65 to 131.65): VV006936.D (-2125) (-)

Ion 165.90 (165.60 to 166.60): VV006936.D (-2125) (-)

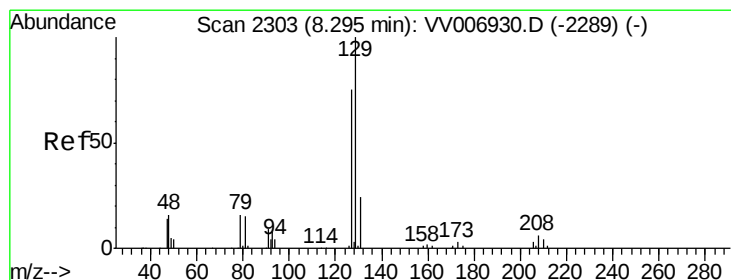
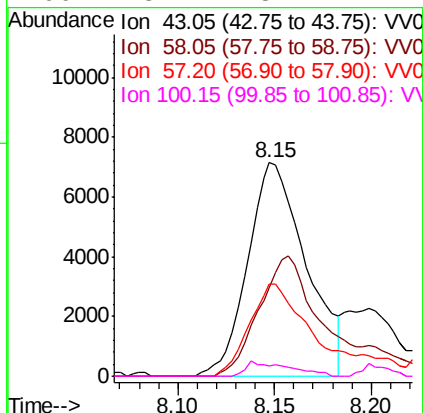
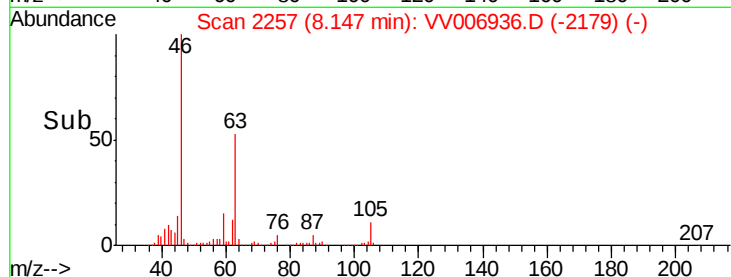
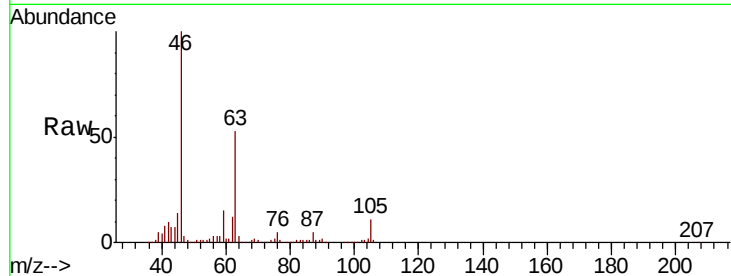




#48
2-Hexanone
Concen: 2.270 ug/L
RT: 8.15 min Scan# 2257
Delta R.T. -0.05 min
Lab File: VV006936.D
Acq: 08 Aug 2018 16:17

Instrument :
MSVOA_V
ClientSampled :

Tot Ion	Ratio	Lower	Upper
43	100		
58	66.5	42.0	63.0#
57	50.5	14.1	21.1#
100	5.1	8.1	12.1#



#49
Dibromochloromethane
Concen: 0.491 ug/L
RT: 8.02 min Scan# 2217
Delta R.T. -0.28 min
Lab File: VV006936.D
Acq: 08 Aug 2018 16:17

Tgt Ion	Ratio	Lower	Upper
129	100		
127	0.0	57.0	105.8#

