

Data File : VV009006.D
Acq On : 18 Dec 2018 02:05
Operator : SY/MD
Sample : J6422-09
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COLD3

Quant Time: Dec 18 03:43:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 18 03:36:51 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	193264	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	177530	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	74523	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	51003	45.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.38%
7) Chloroethane-d5	1.56	69	38862	54.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.42%
11) 1,1-Dichloroethene-d2	2.13	63	99040	37.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.32%
21) 2-Butanone-d5	3.93	46	86474	114.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.75%
24) Chloroform-d	4.41	84	114170	47.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.82%
26) 1,2-Dichloroethane-d4	5.08	65	77345	50.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.84%
32) Benzene-d6	5.10	84	237852	49.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.44%
36) 1,2-Dichloropropane-d6	6.12	67	72158	50.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.38%
41) Toluene-d8	7.36	98	219832	48.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.90%
43) trans-1,3-Dichloropropene-	7.67	79	33462	45.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.78%
47) 2-Hexanone-d5	8.13	63	54666	102.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.74%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	88224	47.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.06%
64) 1,2-Dichlorobenzene-d4	11.68	152	77269	50.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.54%

Target Compounds

						Qvalue
9) Trichlorofluoromethane	2.13	101	975	0.452	ug/L #	31
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	975	0.739	ug/L #	18
12) 1,1-Dichloroethene	2.14	96	2695	2.246	ug/L #	1
20) cis-1,2-Dichloroethene	3.96	96	1130	0.811	ug/L	90
33) Benzene	5.11	78	1868	0.382	ug/L	100
34) Trichloroethene	5.96	95	26600	18.829	ug/L	98
35) Methylcyclohexane	6.12	83	18391	8.779	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	8236	6.510	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2111	1.046	ug/L #	55
44) trans-1,3-Dichloropropene	7.66	75	1374	0.731	ug/L #	69
48) 2-Hexanone	8.18	43	3146	2.585	ug/L #	75
59) 1,2,3-Trichloropropane	11.30	75	8615	5.407	ug/L	97

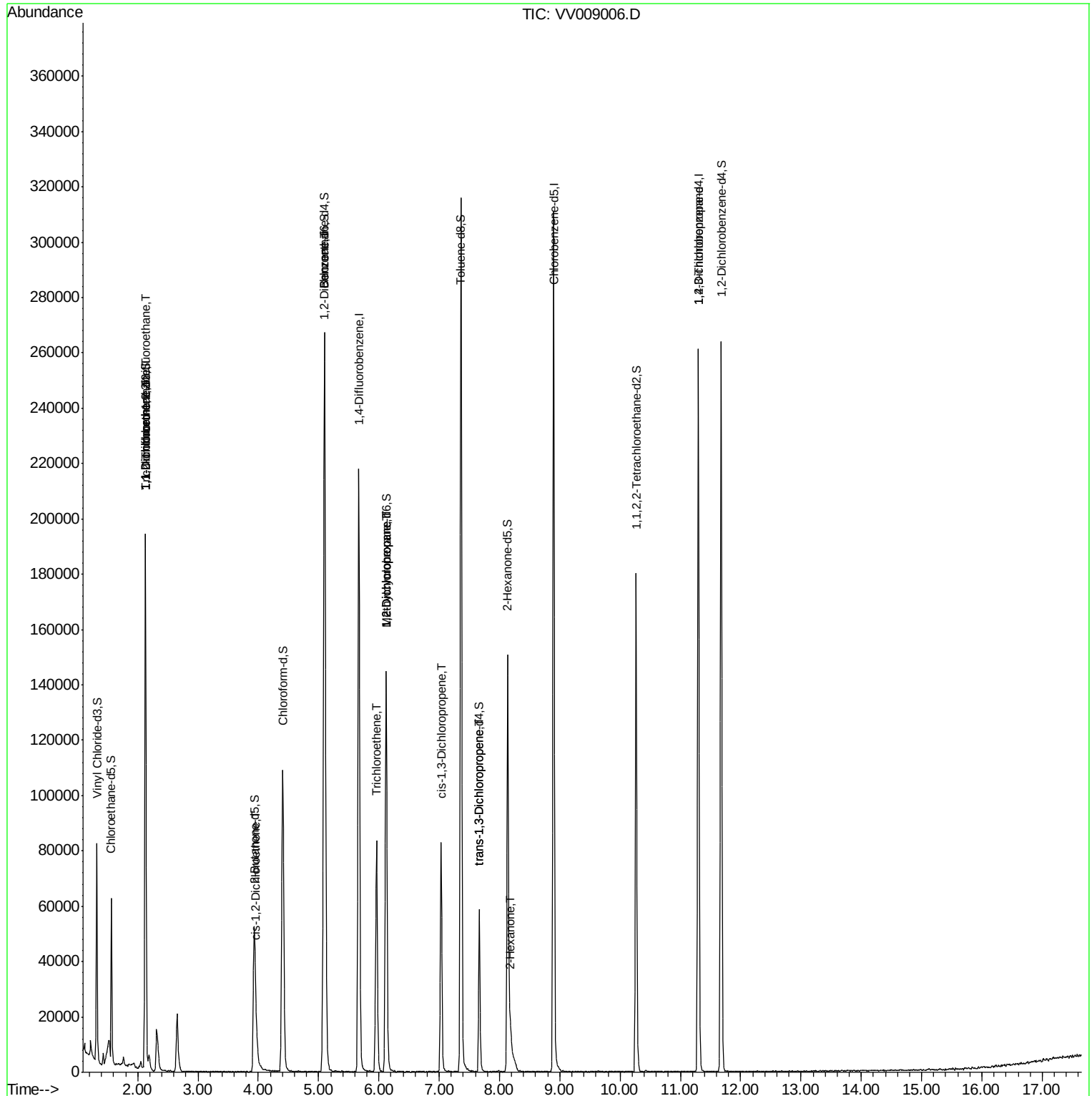
(#) = qualifier out of range (m) = manual integration (+) = signals summed

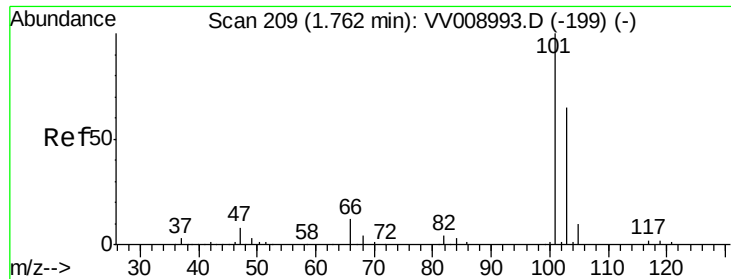
Data File : VV009006.D

```
Acq On       : 18 Dec 2018   02:05
Operator     : SY/MD
Sample       : J6422-09
Misc         : 5.0 mL/MSVOA_V/WATER
ALS Vial     : 39      Sample Multiplier: 1
```

Instrument :
MSVOA_V
ClientSampleId :
C0LD3

Quant Time: Dec 18 03:43:42 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 18 03:36:51 2018
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 0.452 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.37 min

Lab File: VV009006.D

Acq: 18 Dec 2018 02:05

Instrument :

MSVOA_V

ClientSampleId :

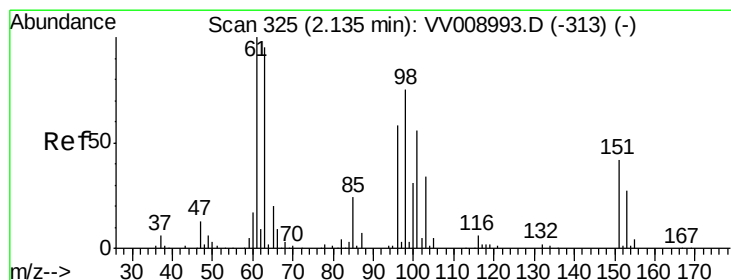
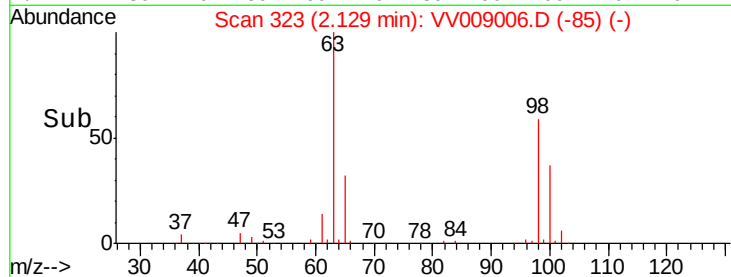
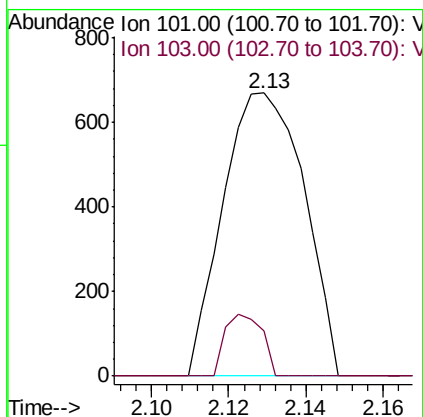
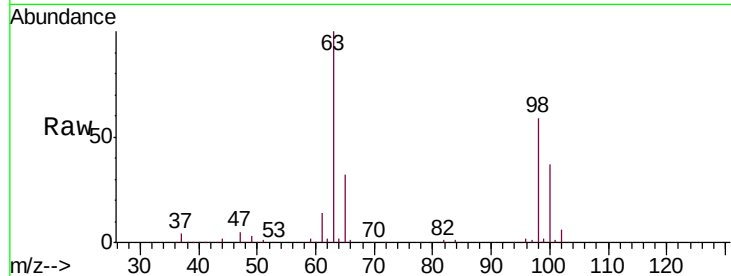
COLD3

Tgt Ion:101 Resp: 975

Ion Ratio Lower Upper

101 100

103 9.9 51.5 77.3#



#10

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

Concen: 0.739 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV009006.D

Acq: 18 Dec 2018 02:05

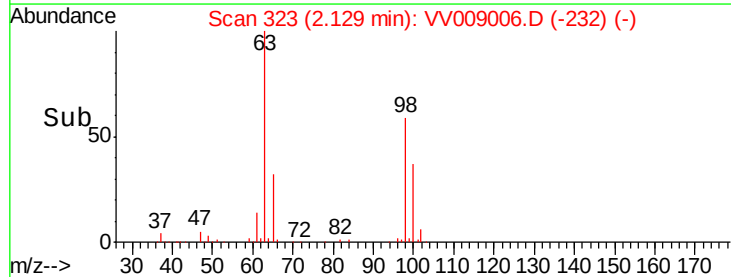
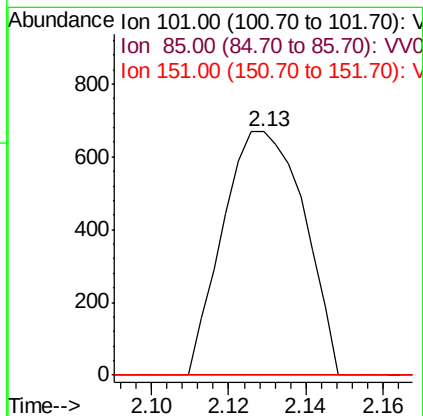
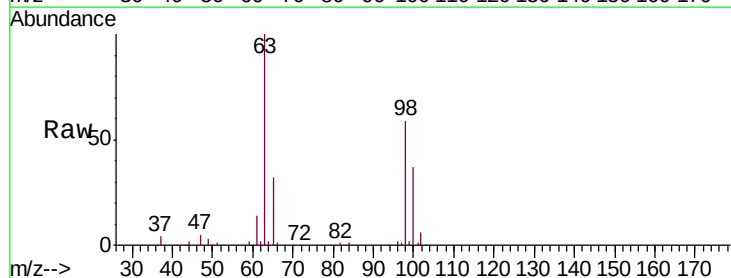
Tgt Ion:101 Resp: 975

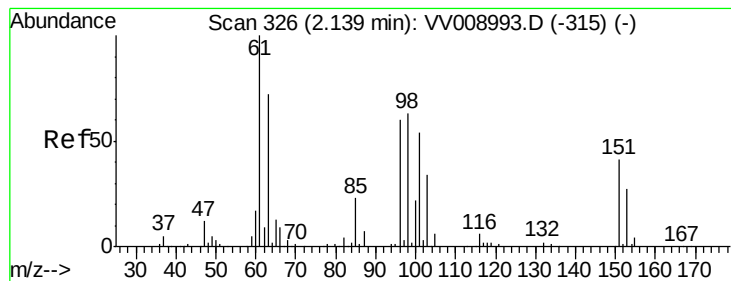
Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

151 0.0 63.8 95.8#





#12

1,1-Dichloroethene

Concen: 2.246 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV009006.D

Acq: 18 Dec 2018 02:05

Instrument :

MSVOA_V

ClientSampleId :

COLD3

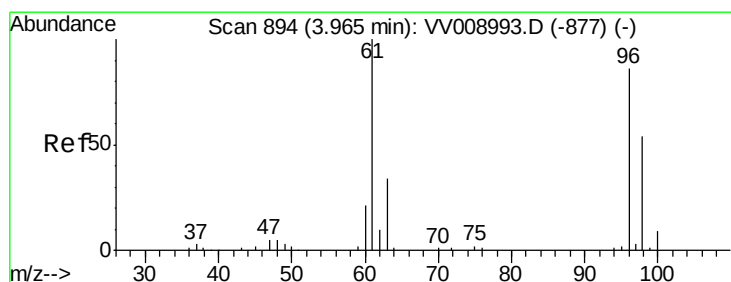
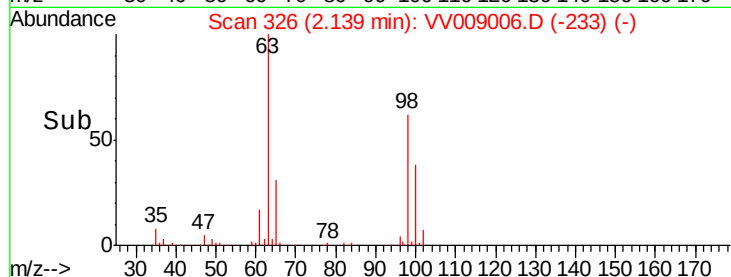
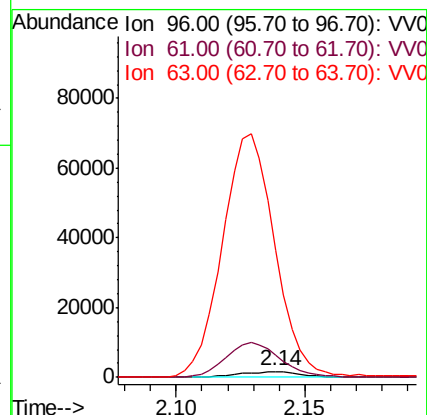
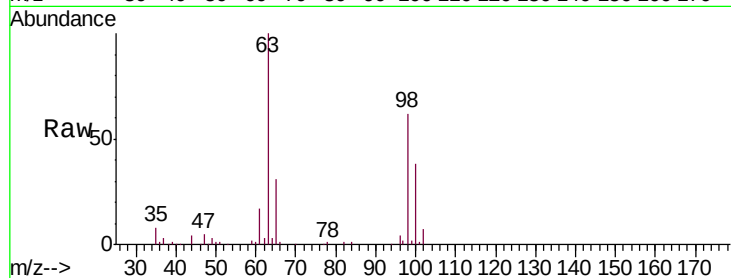
Tgt Ion: 96 Resp: 2695

Ion Ratio Lower Upper

96 100

61 389.6 119.1 221.3#

63 2247.0 96.0 178.2#



#20

cis-1,2-Dichloroethene

Concen: 0.811 ug/L

RT: 3.96 min Scan# 894

Delta R.T. 0.00 min

Lab File: VV009006.D

Acq: 18 Dec 2018 02:05

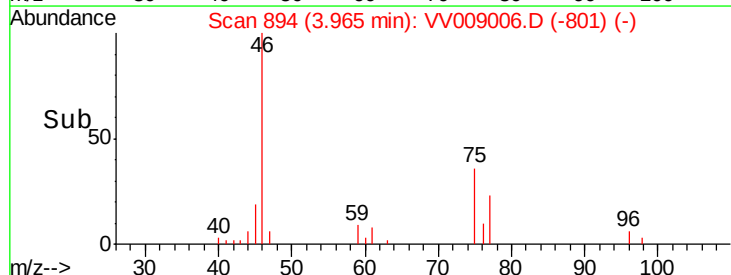
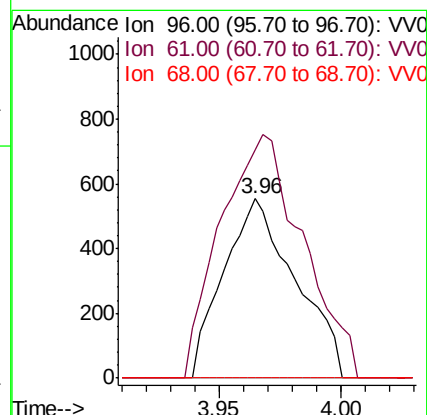
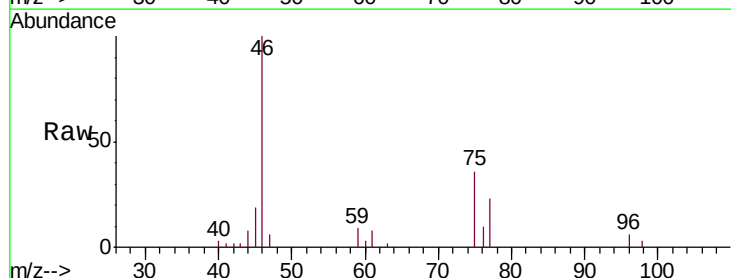
Tgt Ion: 96 Resp: 1130

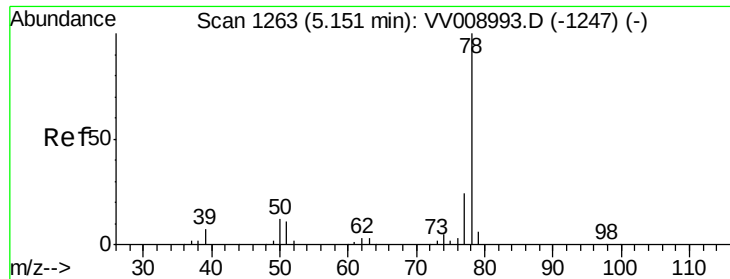
Ion Ratio Lower Upper

96 100

61 127.5 81.9 152.1

68 0.0 0.0 0.0





#33

Benzene

Concen: 0.382 ug/L

RT: 5.11 min Scan# 1249

Delta R.T. -0.04 min

Lab File: VV009006.D

Acq: 18 Dec 2018 02:05

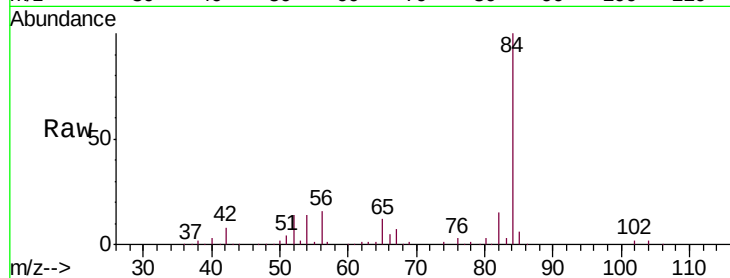
Instrument :

MSVOA_V

ClientSampleId :

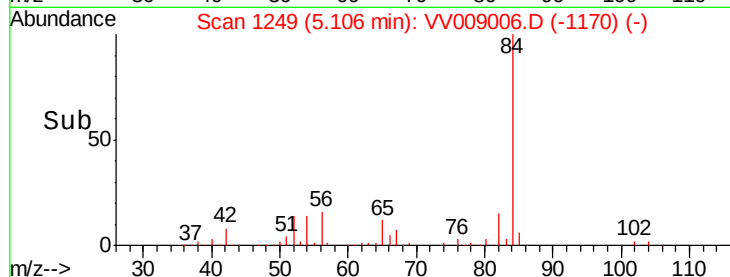
COLD3

Tgt Ion: 78 Resp: 1868

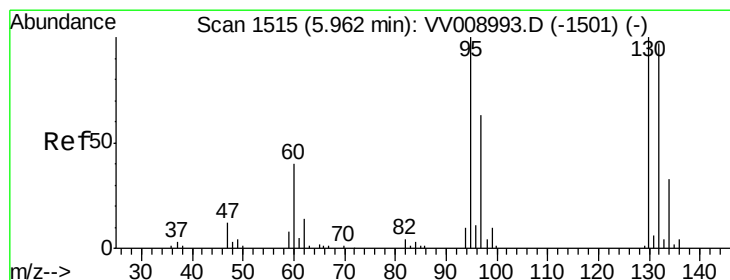


Abundance Ion 78.00 (77.70 to 78.70): VV0

5.11



Time-->



#34

Trichloroethene

Concen: 18.829 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV009006.D

Acq: 18 Dec 2018 02:05

Tgt Ion: 95 Resp: 26600

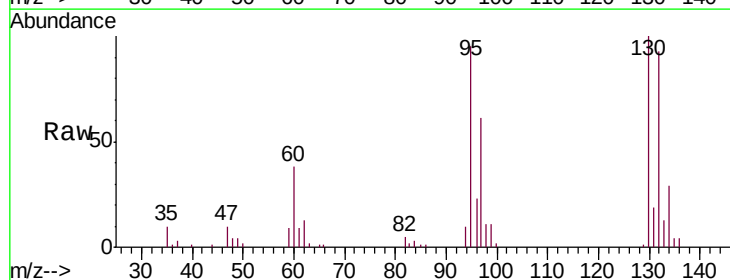
Ion Ratio Lower Upper

95 100

97 64.2 45.7 84.9

132 98.0 72.2 134.2

130 105.5 73.8 137.2

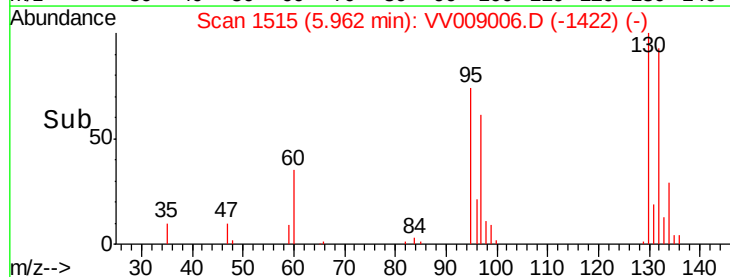


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

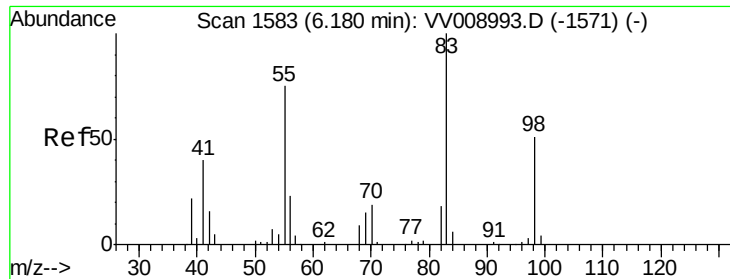
Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



Time-->

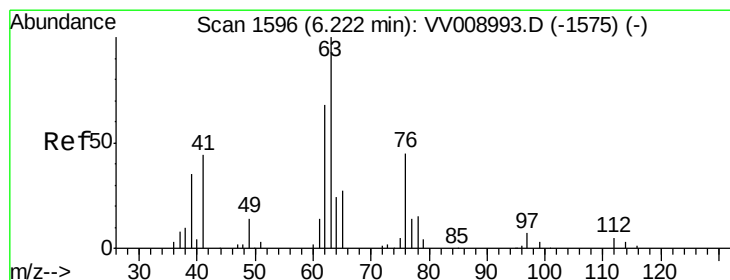
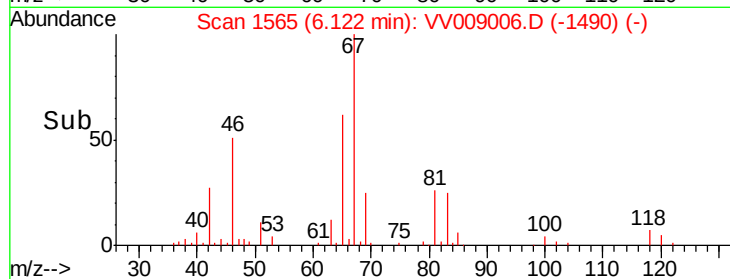
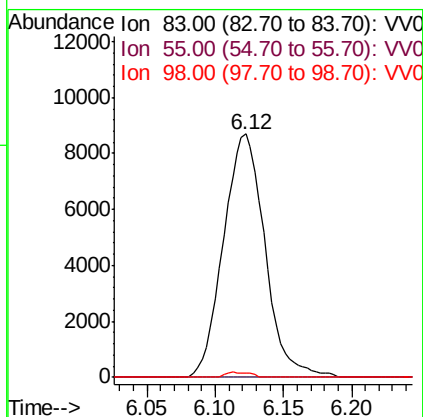
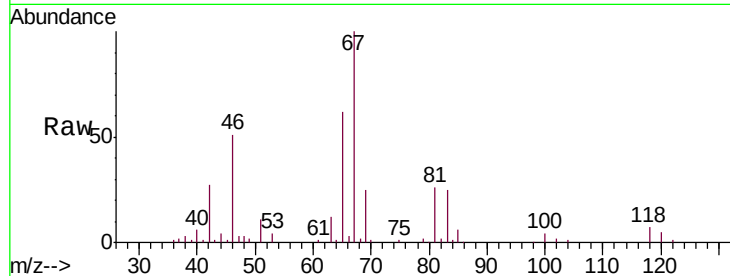
5.96



#35
Methylcyclohexane
Concen: 8.779 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.06 min
Lab File: VV009006.D
Acq: 18 Dec 2018 02:05

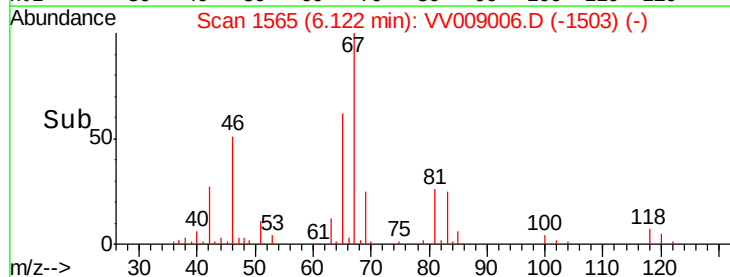
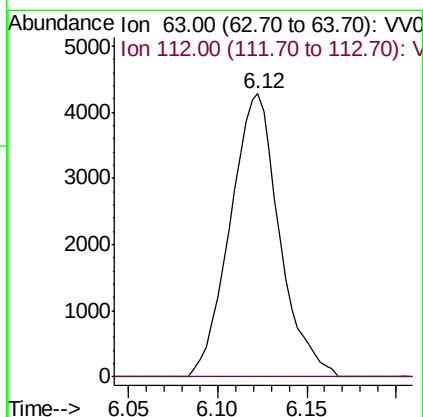
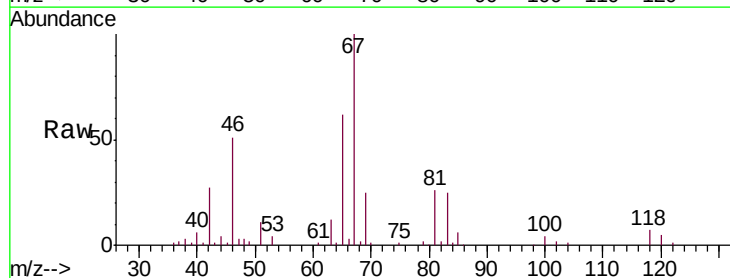
Instrument :
MSVOA_V
ClientSampleId :
COLD3

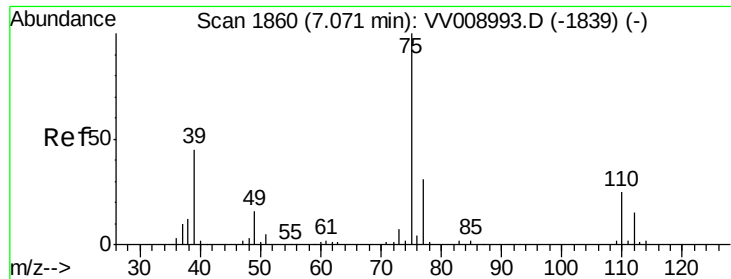
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.8	86.8#
98	1.2	39.0	58.4#



#37
1,2-Dichloropropane
Concen: 6.510 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV009006.D
Acq: 18 Dec 2018 02:05

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#

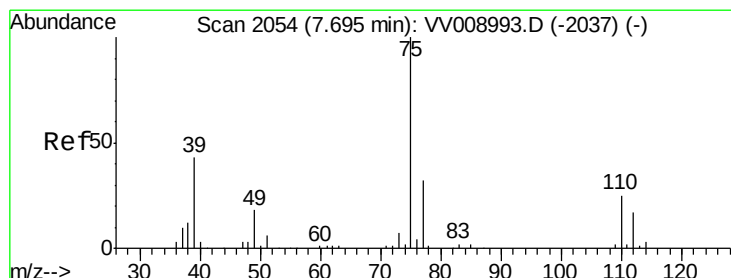
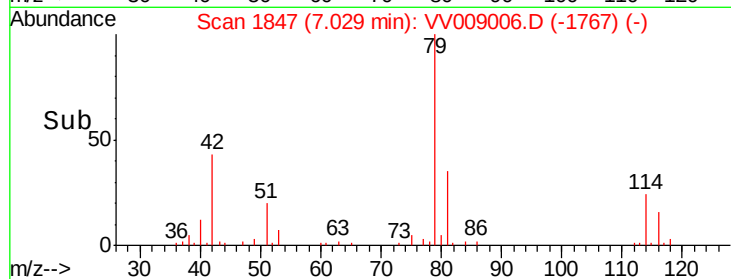
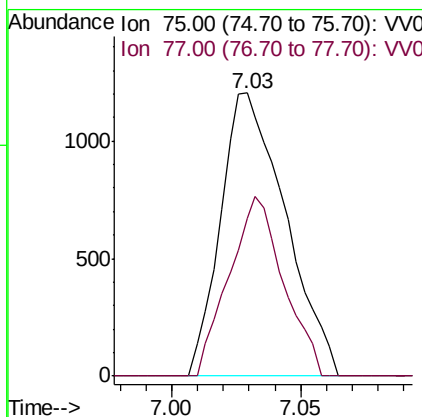
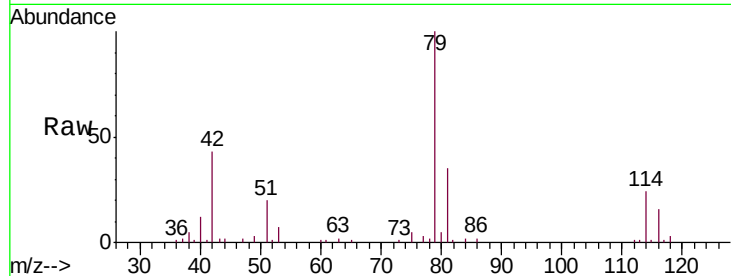




#39
 cis-1,3-Dichloropropene
 Concen: 1.046 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV009006.D
 Acq: 18 Dec 2018 02:05

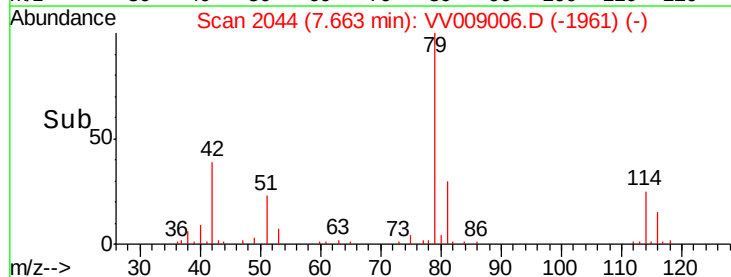
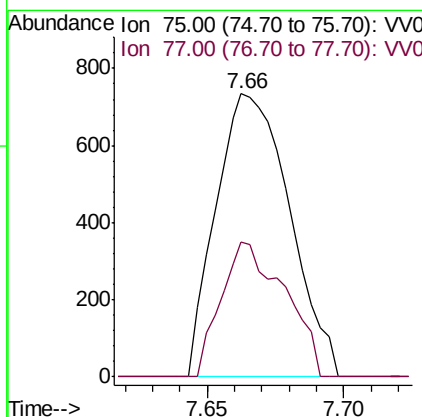
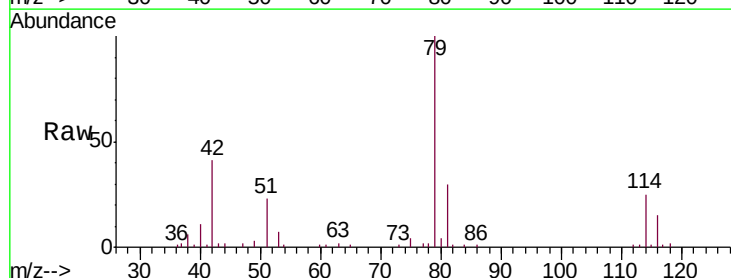
Instrument :
 MSVOA_V
 ClientSampleId :
 COLD3

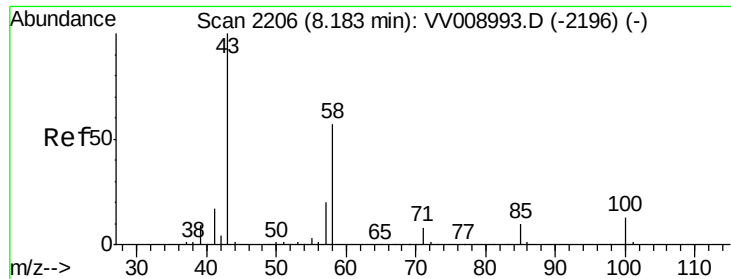
Tgt Ion: 75 Resp: 2111
 Ion Ratio Lower Upper
 75 100
 77 55.8 21.8 40.4#



#44
 trans-1,3-Dichloropropene
 Concen: 0.731 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV009006.D
 Acq: 18 Dec 2018 02:05

Tgt Ion: 75 Resp: 1374
 Ion Ratio Lower Upper
 75 100
 77 47.8 21.6 40.2#

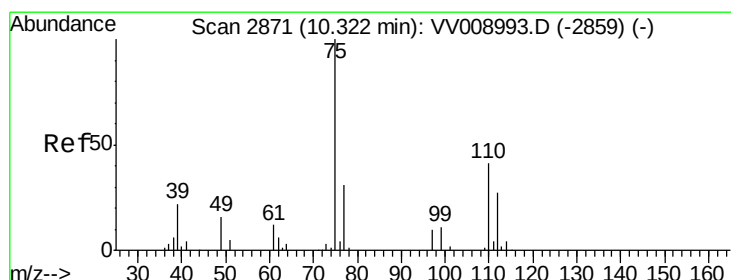
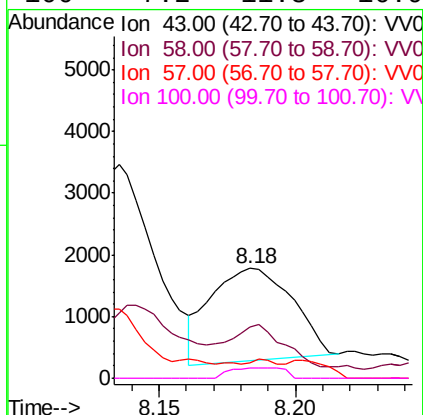
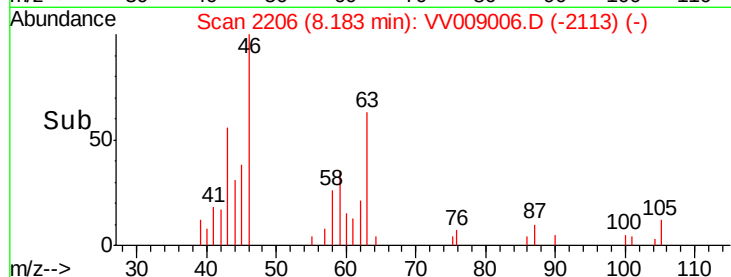
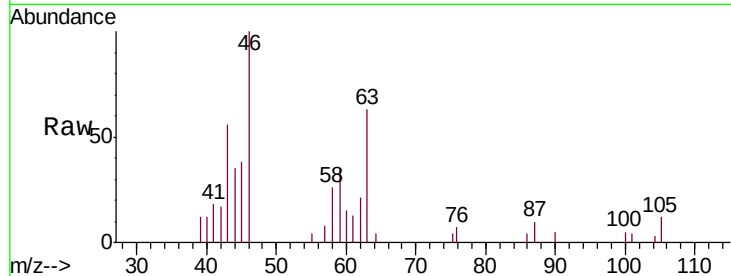




#48
 2-Hexanone
 Concen: 2.585 ug/L
 RT: 8.18 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: VV009006.D
 Acq: 18 Dec 2018 02:05

Instrument :
 MSVOA_V
 ClientSampled :
 COLD3

Tgt Ion: 43 Resp: 3146
 Ion Ratio Lower Upper
 43 100
 58 34.7 42.7 64.1#
 57 6.6 15.7 23.5#
 100 7.2 11.3 16.9#



#59
 1,2,3-Trichloropropane
 Concen: 5.407 ug/L
 RT: 11.30 min Scan# 3175
 Delta R.T. 0.98 min
 Lab File: VV009006.D
 Acq: 18 Dec 2018 02:05

Tgt Ion: 75 Resp: 8615
 Ion Ratio Lower Upper
 75 100
 77 33.8 25.8 38.8

