

Data File : VV008999.D
Acq On : 17 Dec 2018 23:17
Operator : SY/MD
Sample : J6422-02
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COLC6

Quant Time: Dec 18 03:42:28 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	191351	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	178006	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	75489	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52695	47.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.32%
7) Chloroethane-d5	1.56	69	39755	56.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	113.06%
11) 1,1-Dichloroethene-d2	2.13	63	100129	37.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.88%
21) 2-Butanone-d5	3.93	46	87114	116.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.76%
24) Chloroform-d	4.41	84	116598	48.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.08	65	77310	50.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.80%
32) Benzene-d6	5.10	84	239946	50.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.04%
36) 1,2-Dichloropropane-d6	6.12	67	72492	50.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.58%
41) Toluene-d8	7.36	98	221292	49.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.28%
43) trans-1,3-Dichloropropene-	7.67	79	33919	46.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.80%
47) 2-Hexanone-d5	8.14	63	58929	110.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.46%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	89825	48.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.54%
64) 1,2-Dichlorobenzene-d4	11.68	152	79568	51.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.22%

Target Compounds

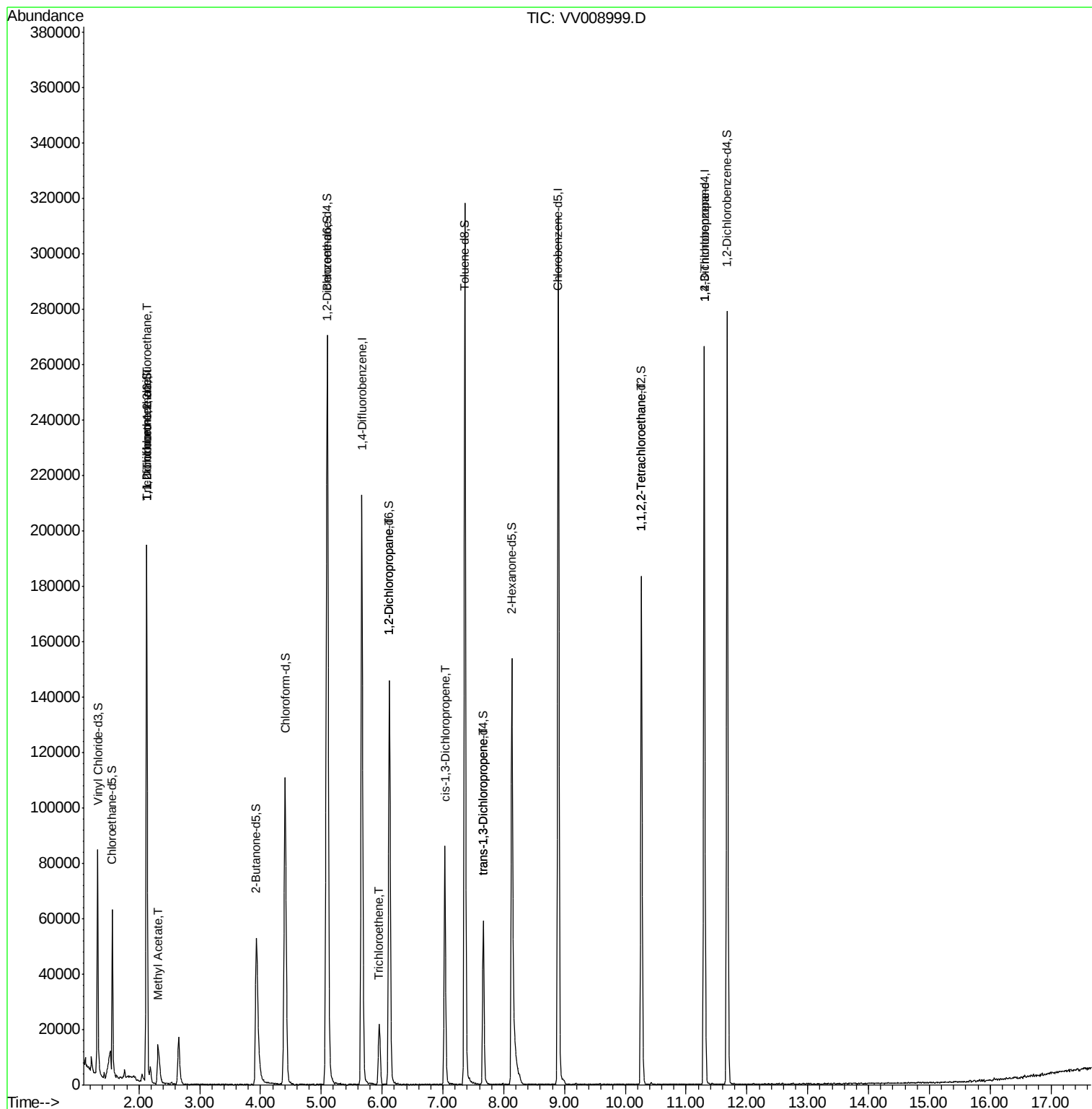
					Qvalue
9) Trichlorofluoromethane	2.13	101	884	0.414 ug/L #	35
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	884	0.677 ug/L #	18
15) Methyl Acetate	2.32	43	3459	2.849 ug/L #	49
34) Trichloroethene	5.96	95	3292	2.324 ug/L	95
37) 1,2-Dichloropropane	6.12	63	8021	6.323 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2314	1.144 ug/L #	80
44) trans-1,3-Dichloropropene	7.67	75	1471	0.780 ug/L #	70
58) 1,1,2,2-Tetrachloroethane	10.27	83	626	0.332 ug/L #	1
59) 1,2,3-Trichloropropane	11.30	75	8396	5.256 ug/L	91

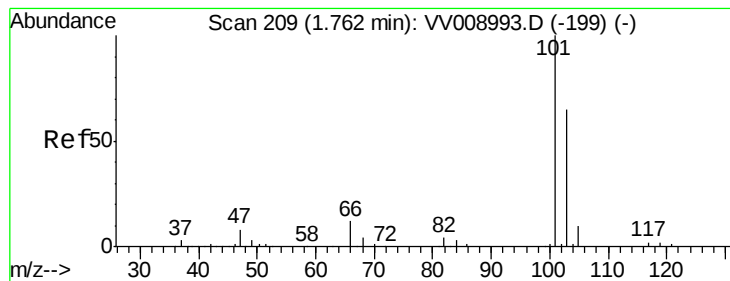
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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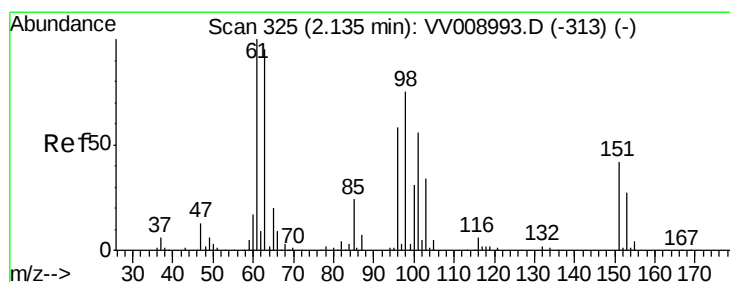
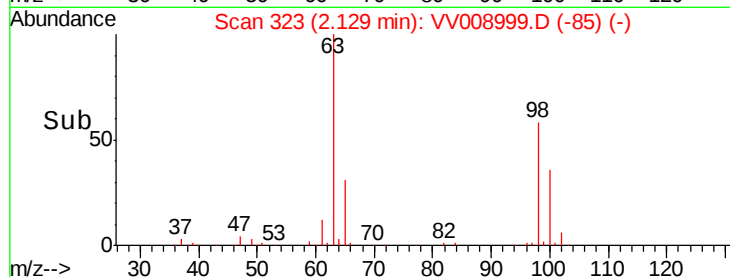
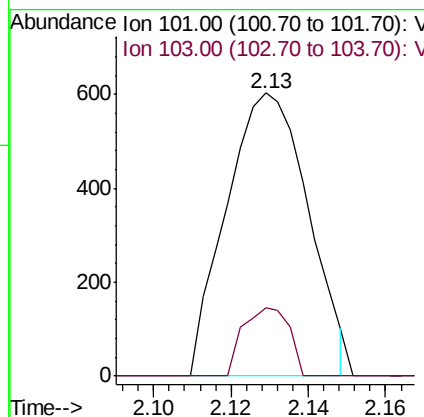
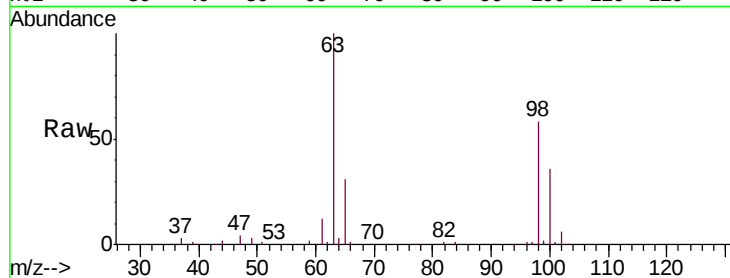


#9

Trichlorofluoromethane
 Concen: 0.414 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. 0.37 min
 Lab File: VV008999.D
 Acq: 17 Dec 2018 23:17

Instrument :
 MSVOA_V
 ClientSampleId :
 C0LC6

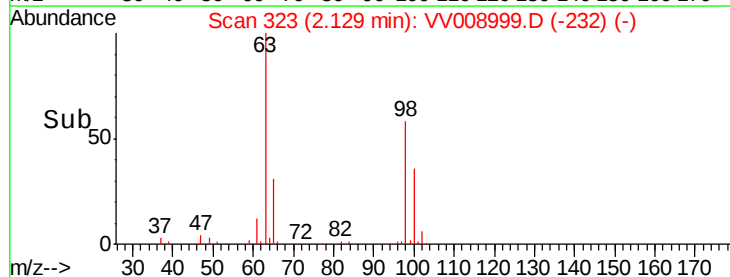
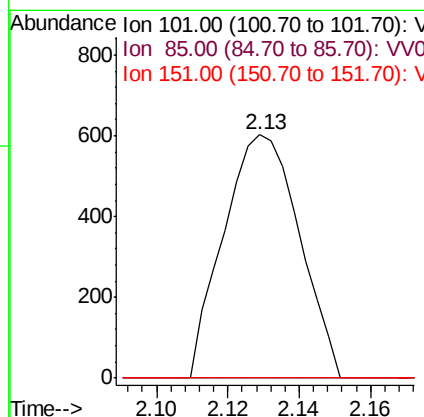
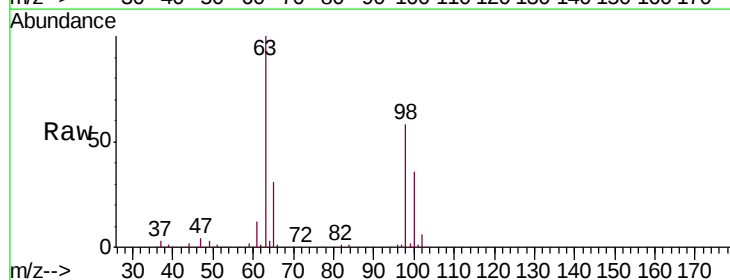
Tgt Ion:101 Resp: 884
 Ion Ratio Lower Upper
 101 100
 103 13.5 51.5 77.3#

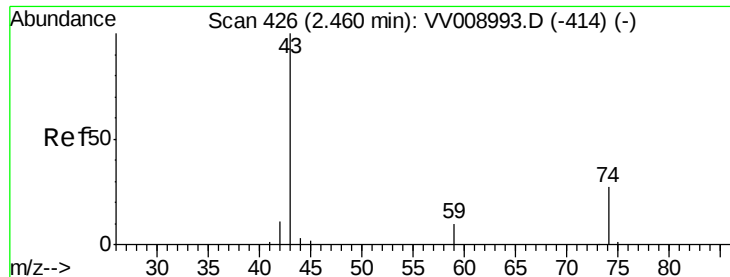


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.677 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV008999.D
 Acq: 17 Dec 2018 23:17

Tgt Ion:101 Resp: 884
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 52.0#
 151 0.0 63.8 95.8#

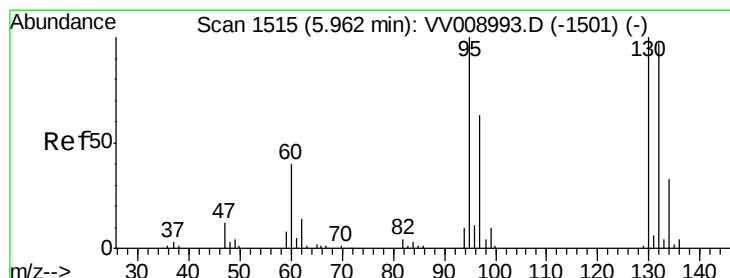
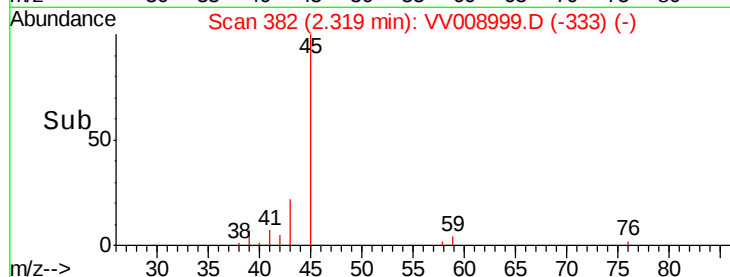
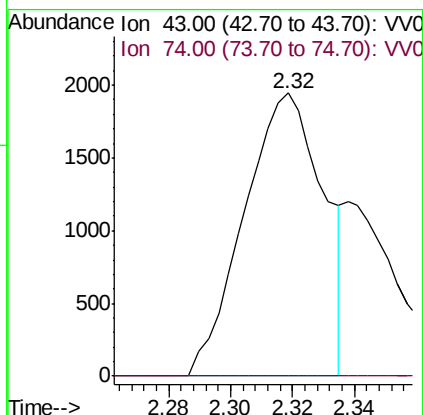
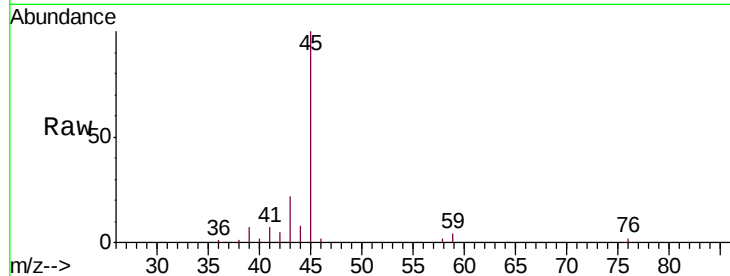




#15
Methyl Acetate
Concen: 2.849 ug/L
RT: 2.32 min Scan# 382
Delta R.T. -0.14 min
Lab File: VV008999.D
Acq: 17 Dec 2018 23:17

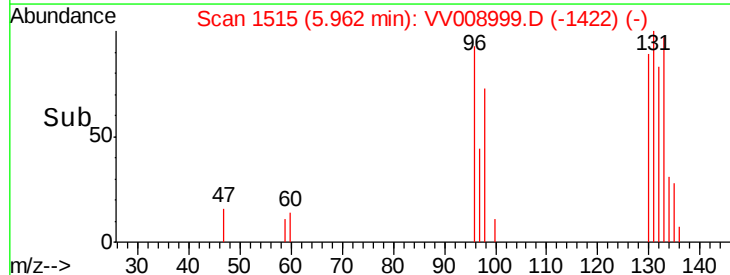
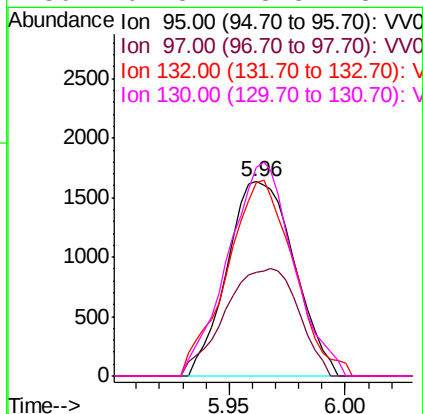
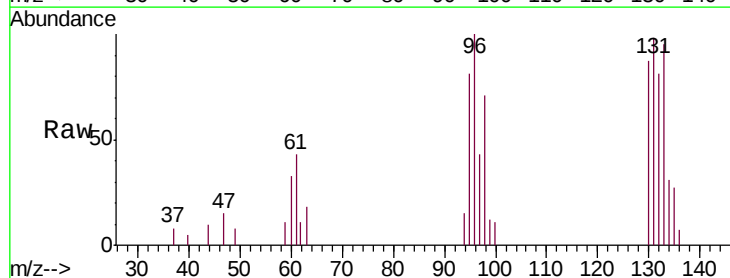
Instrument :
MSVOA_V
ClientSampleId :
COLC6

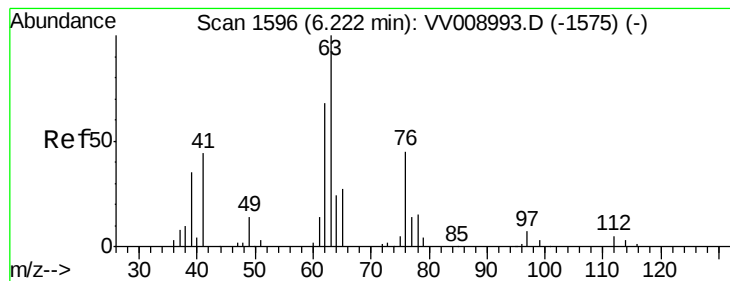
Tgt Ion: 43 Resp: 3459
Ion Ratio Lower Upper
43 100
74 0.0 21.0 31.6#



#34
Trichloroethene
Concen: 2.324 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VV008999.D
Acq: 17 Dec 2018 23:17

Tgt Ion: 95 Resp: 3292
Ion Ratio Lower Upper
95 100
97 53.6 45.7 84.9
132 99.8 72.2 134.2
130 107.3 73.8 137.2





#37

1,2-Dichloropropane

Concen: 6.323 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

Lab File: VV008999.D

Acq: 17 Dec 2018 23:17

Instrument :

MSVOA_V

ClientSampled :

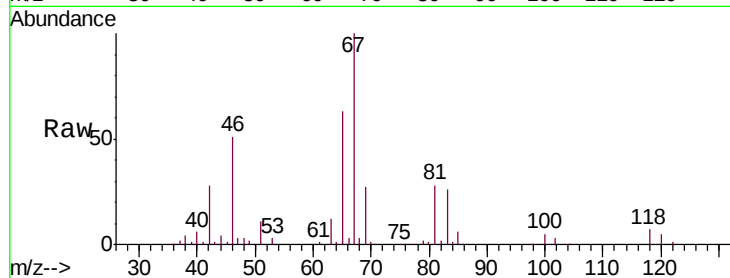
C0LC6

Tgt Ion: 63 Resp: 8021

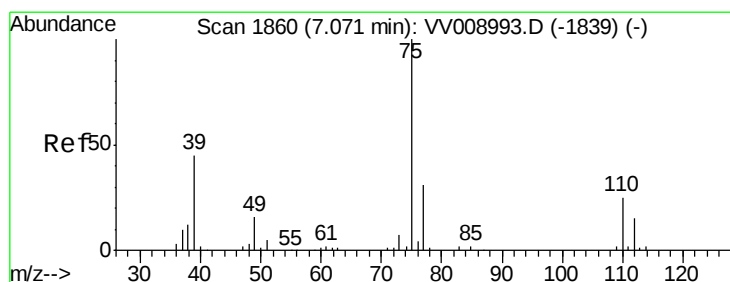
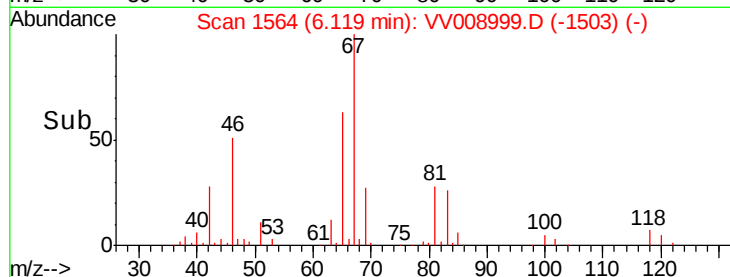
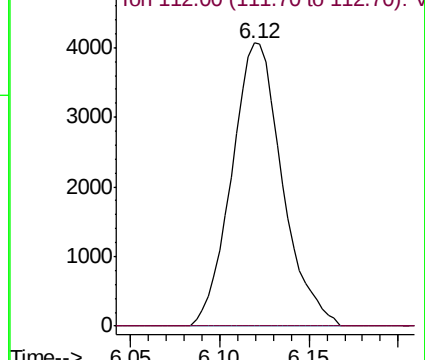
Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



Abundance Ion 63.00 (62.70 to 63.70): VV008999.D (-1575) (-)



#39

cis-1,3-Dichloropropene

Concen: 1.144 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV008999.D

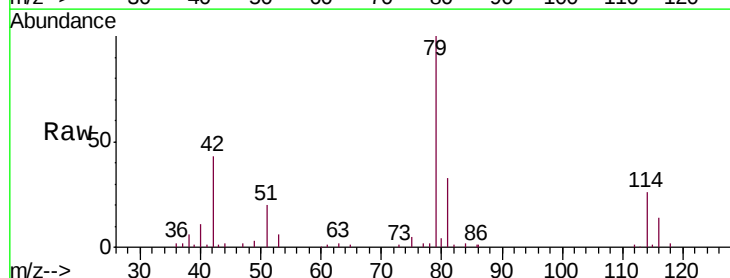
Acq: 17 Dec 2018 23:17

Tgt Ion: 75 Resp: 2314

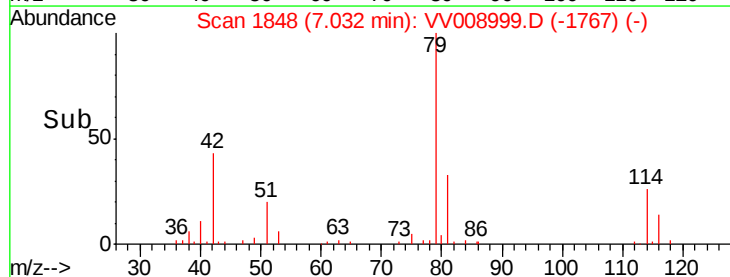
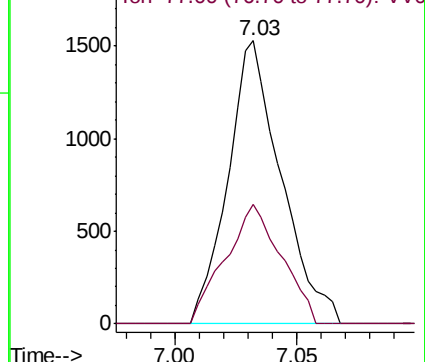
Ion Ratio Lower Upper

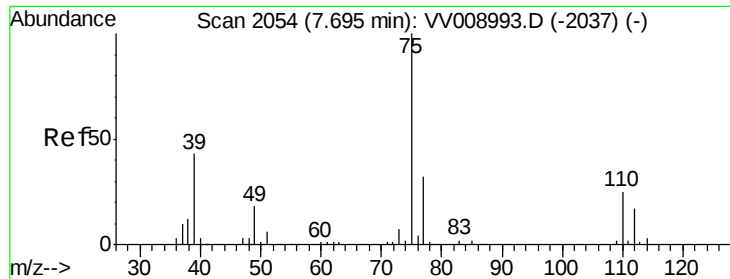
75 100

77 42.0 21.8 40.4#



Abundance Ion 75.00 (74.70 to 75.70): VV008999.D (-1839) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.780 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV008999.D

Acq: 17 Dec 2018 23:17

Instrument :

MSVOA_V

ClientSampleId :

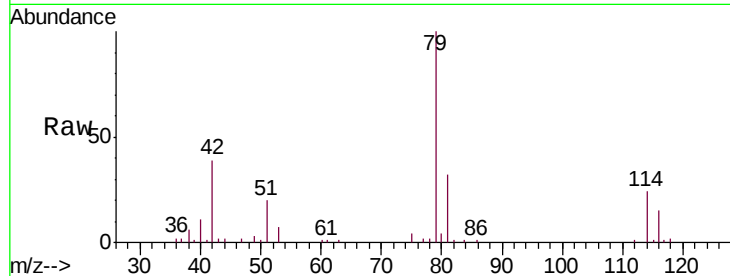
C0LC6

Tgt Ion: 75 Resp: 1471

Ion Ratio Lower Upper

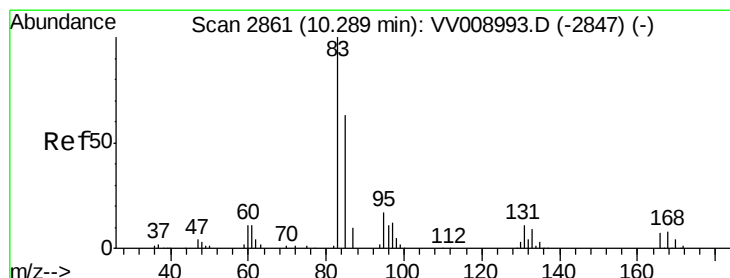
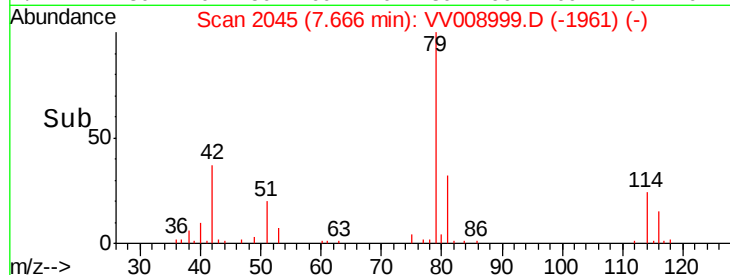
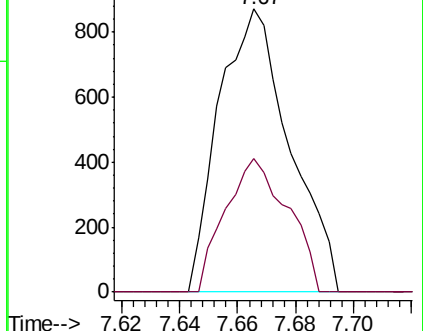
75 100

77 47.3 21.6 40.2#



Abundance Ion 75.00 (74.70 to 75.70): VV008999.D (-2037) (-)

Ion 77.00 (76.70 to 77.70): VV008999.D (-2037) (-)



#58

1,1,2,2-Tetrachloroethane

Concen: 0.332 ug/L

RT: 10.27 min Scan# 2856

Delta R.T. -0.02 min

Lab File: VV008999.D

Acq: 17 Dec 2018 23:17

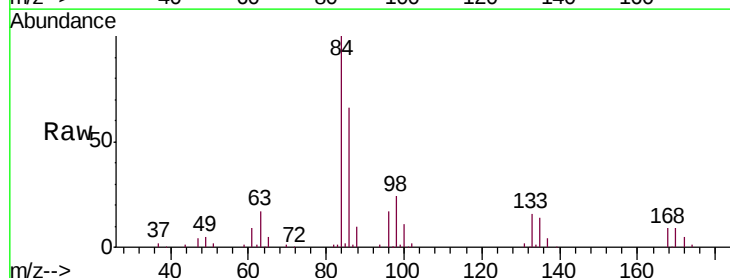
Tgt Ion: 83 Resp: 626

Ion Ratio Lower Upper

83 100

85 197.0 45.3 84.1#

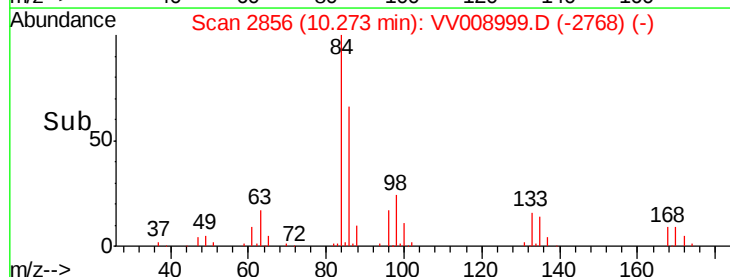
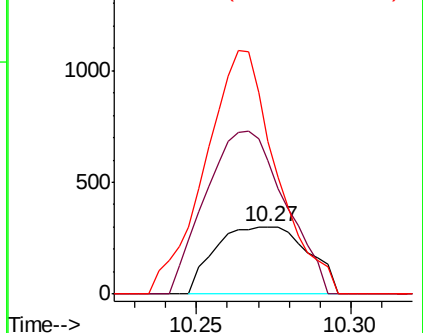
131 225.5 9.2 13.8#

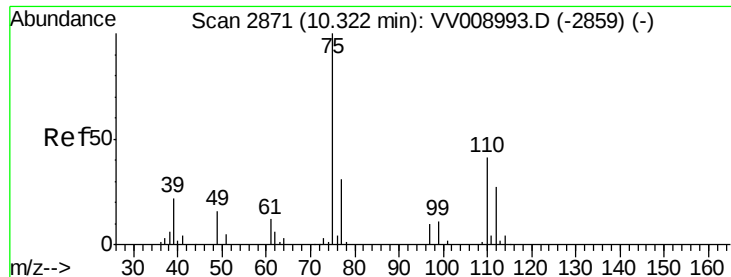


Abundance Ion 83.00 (82.70 to 83.70): VV008999.D (-2847) (-)

Ion 85.00 (84.70 to 85.70): VV008999.D (-2847) (-)

Ion 131.00 (130.70 to 131.70): VV008999.D (-2847) (-)





#59

1,2,3-Trichloropropane

Concen: 5.256 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV008999.D

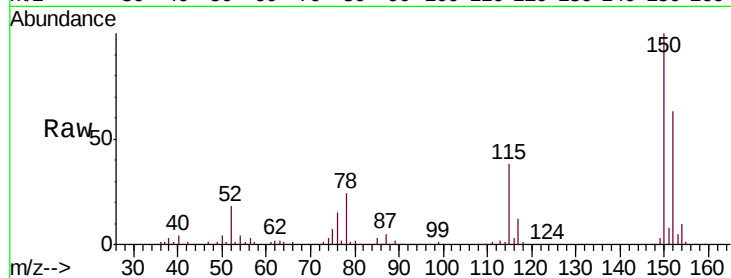
Acq: 17 Dec 2018 23:17

Instrument :

MSVOA_V

ClientSampleId :

C0LC6



Tgt Ion: 75 Resp: 8396

Ion Ratio Lower Upper

75 100

77 37.5 25.8 38.8

