

Data File : VV008989.D
Acq On : 17 Dec 2018 19:17
Operator : SY/MD
Sample : J6387-18
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COLC1

Quant Time: Dec 18 01:52:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 18 01:46:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	197872	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	182325	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	77189	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55185	47.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.52%
7) Chloroethane-d5	1.56	69	40365	55.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.02%
11) 1,1-Dichloroethene-d2	2.13	63	107081	39.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.48%
21) 2-Butanone-d5	3.93	46	89474	115.97	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.97%
24) Chloroform-d	4.41	84	119238	48.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.72%
26) 1,2-Dichloroethane-d4	5.08	65	80174	51.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.10%
32) Benzene-d6	5.10	84	248477	50.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.14%
36) 1,2-Dichloropropane-d6	6.12	67	74728	50.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.22%
41) Toluene-d8	7.36	98	228492	49.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.08%
43) trans-1,3-Dichloropropene-	7.67	79	35720	47.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.40%
47) 2-Hexanone-d5	8.13	63	54475	99.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.69%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	91958	48.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.48%
64) 1,2-Dichlorobenzene-d4	11.68	152	81566	51.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.46%

Target Compounds

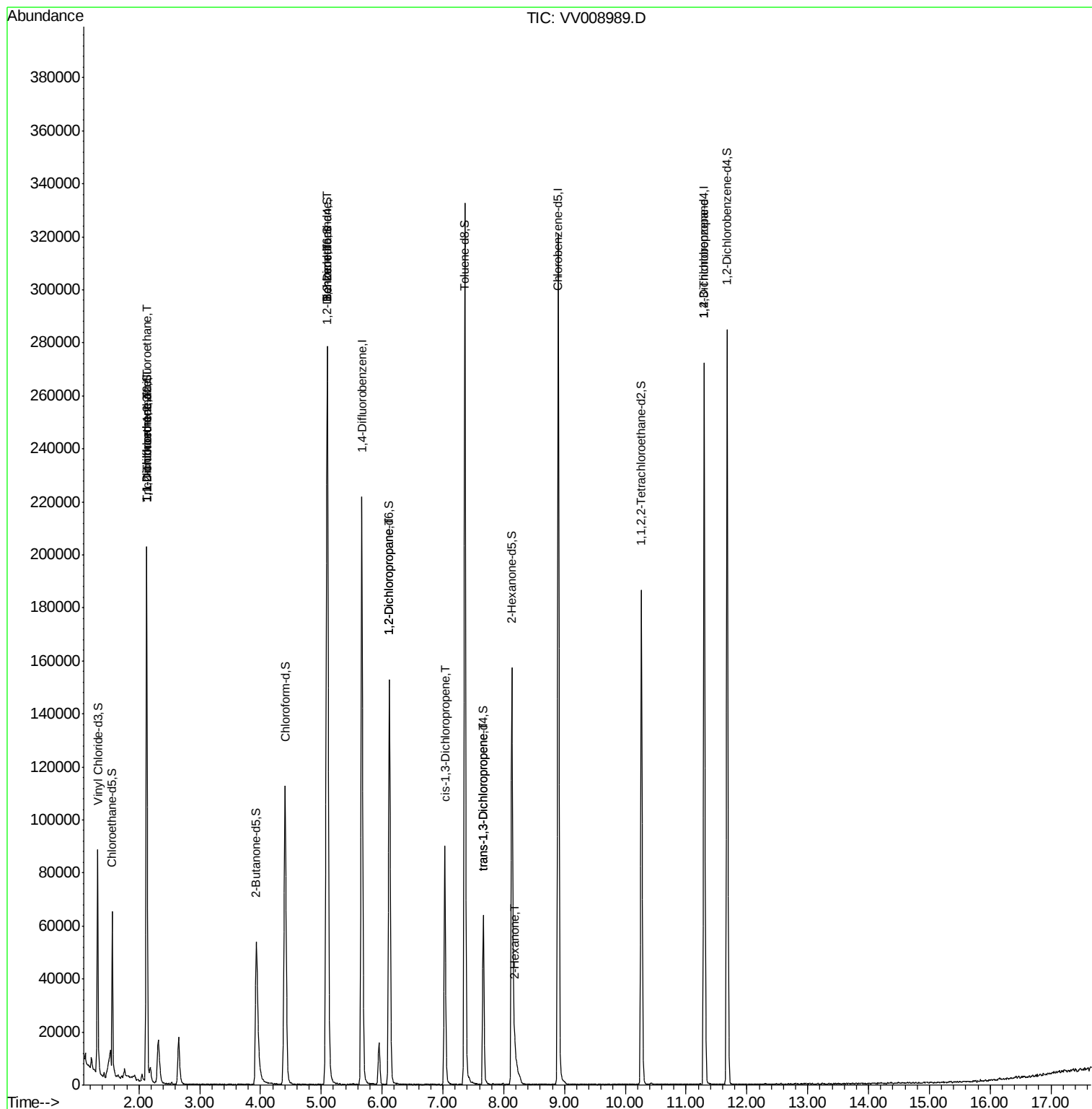
						Qvalue
9) Trichlorofluoromethane	2.13	101	868	0.393	ug/L #	40
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	868	0.643	ug/L #	18
12) 1,1-Dichloroethene	2.13	96	803	0.654	ug/L #	1
27) 1,2-Dichloroethane	5.10	62	1447	0.761	ug/L #	74
33) Benzene	5.10	78	2010	0.400	ug/L	100
37) 1,2-Dichloropropane	6.12	63	8482	6.528	ug/L #	86
39) cis-1,3-Dichloropropene	7.04	75	2153	1.039	ug/L #	67
44) trans-1,3-Dichloropropene	7.67	75	1426	0.738	ug/L #	66
48) 2-Hexanone	8.18	43	4964	3.971	ug/L #	47
59) 1,2,3-Trichloropropane	11.30	75	8059	4.925	ug/L #	78

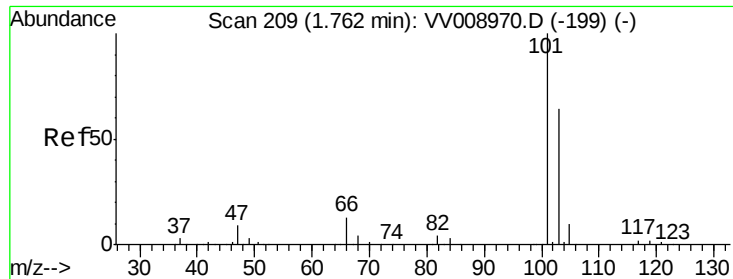
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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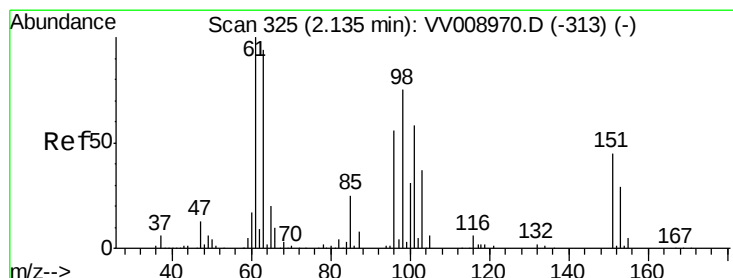
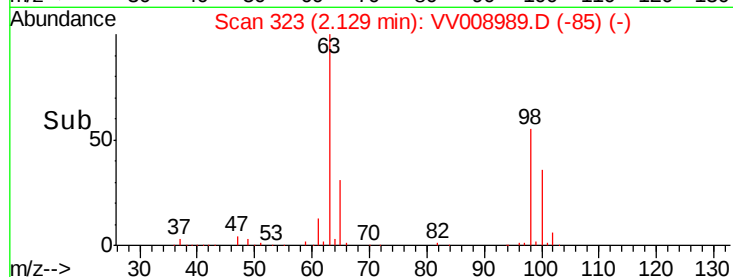
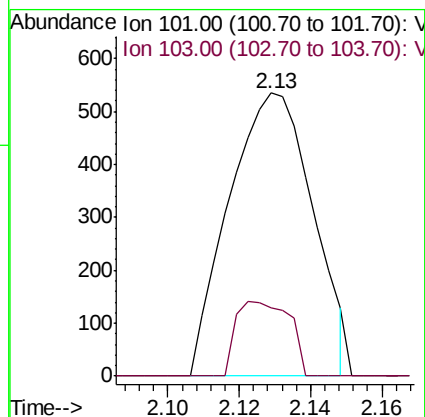
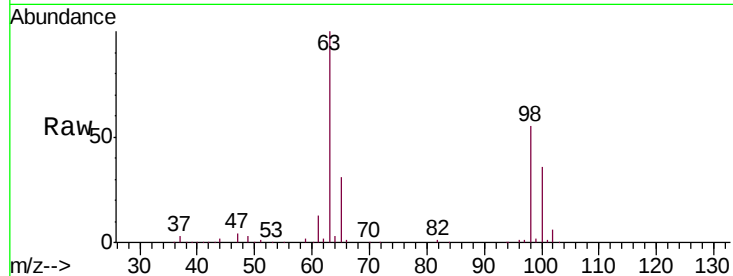


#9

Trichlorofluoromethane
 Concen: 0.393 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. 0.37 min
 Lab File: VV008989.D
 Acq: 17 Dec 2018 19:17

Instrument :
 MSVOA_V
 ClientSampleId :
 COLC1

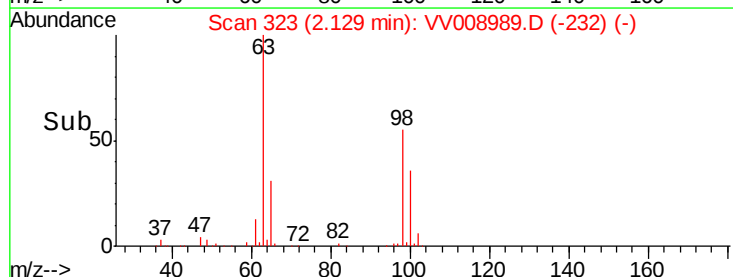
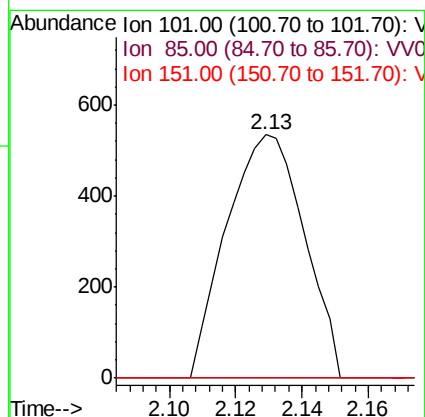
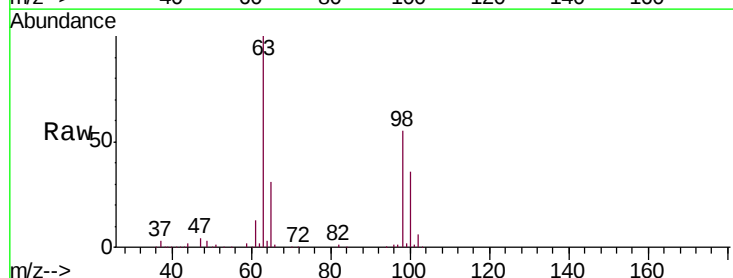
Tgt Ion:101 Resp: 868
 Ion Ratio Lower Upper
 101 100
 103 16.9 51.5 77.3#

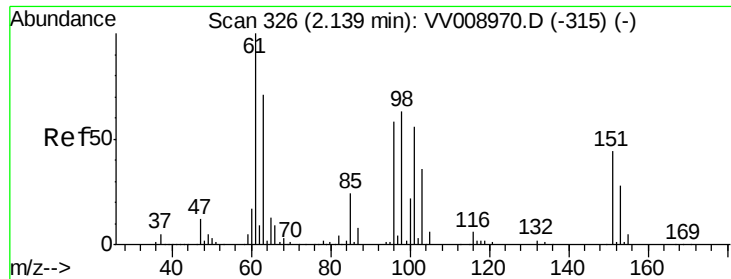


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.643 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV008989.D
 Acq: 17 Dec 2018 19:17

Tgt Ion:101 Resp: 868
 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: 0.654 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV008989.D

Acq: 17 Dec 2018 19:17

Instrument :

MSVOA_V

ClientSampleId :

C0LC1

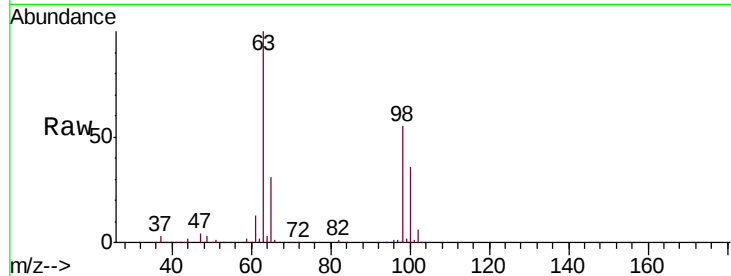
Tgt Ion: 96 Resp: 803

Ion Ratio Lower Upper

96 100

61 1569.7 119.1 221.3#

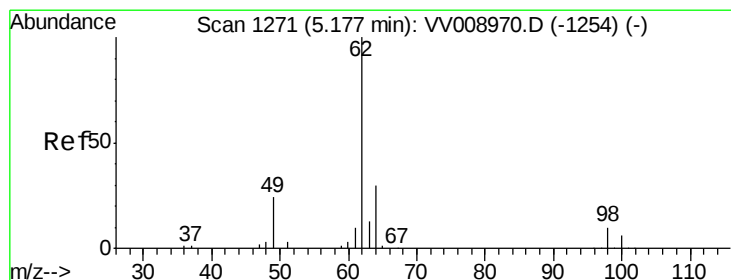
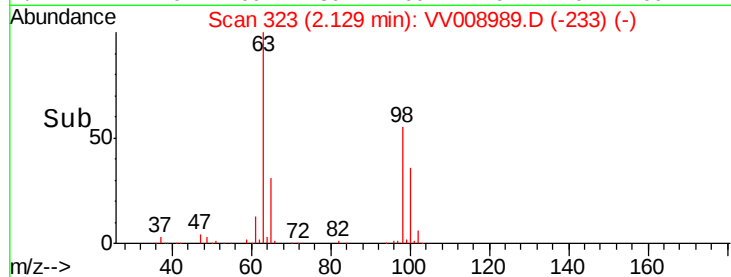
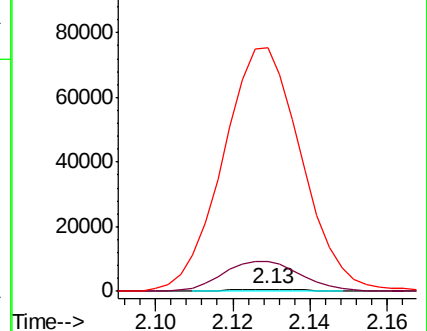
63 12537.8 96.0 178.2#



Abundance Ion 96.00 (95.70 to 96.70): VV008989.D (-233) (-)

Ion 61.00 (60.70 to 61.70): VV008989.D (-233) (-)

Ion 63.00 (62.70 to 63.70): VV008989.D (-233) (-)



#27

1,2-Dichloroethane

Concen: 0.761 ug/L

RT: 5.10 min Scan# 1247

Delta R.T. -0.08 min

Lab File: VV008989.D

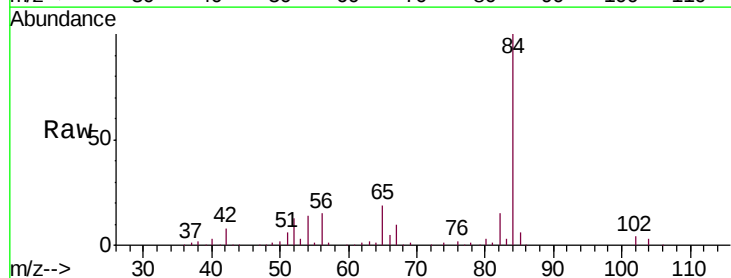
Acq: 17 Dec 2018 19:17

Tgt Ion: 62 Resp: 1447

Ion Ratio Lower Upper

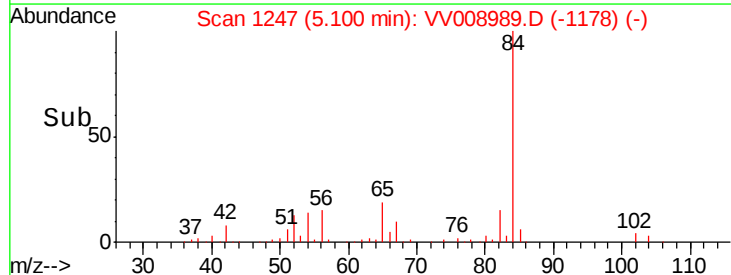
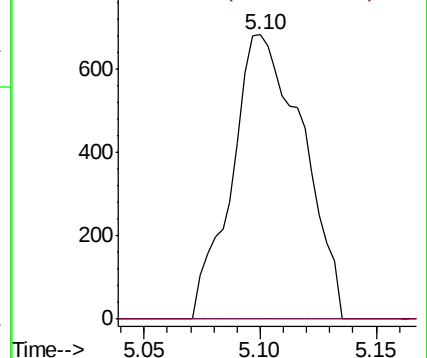
62 100

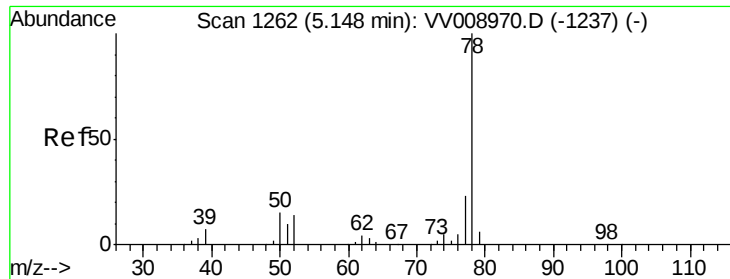
98 0.0 7.5 11.3#



Abundance Ion 62.00 (61.70 to 62.70): VV008989.D (-1178) (-)

Ion 98.00 (97.70 to 98.70): VV008989.D (-1178) (-)





#33

Benzene

Concen: 0.400 ug/L

RT: 5.10 min Scan# 1247

Delta R.T. -0.05 min

Lab File: VV008989.D

Acq: 17 Dec 2018 19:17

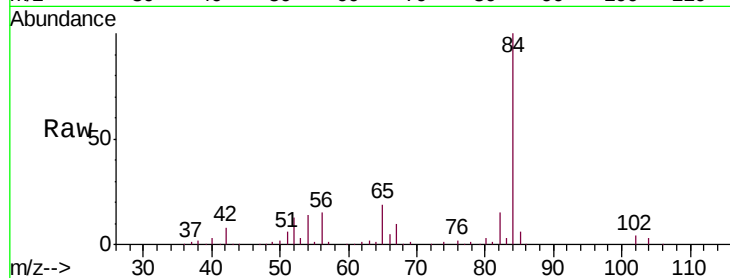
Instrument :

MSVOA_V

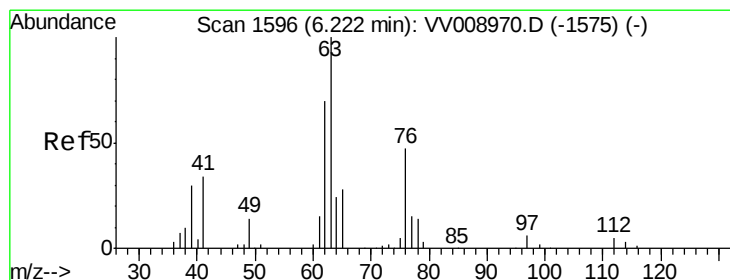
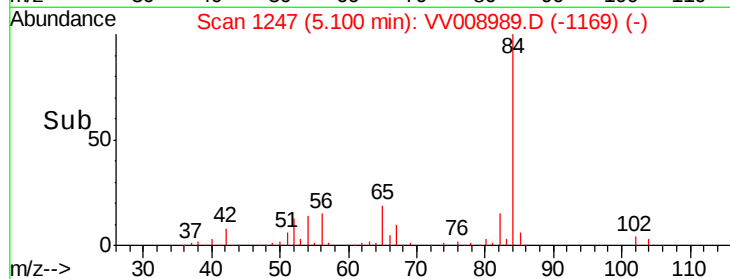
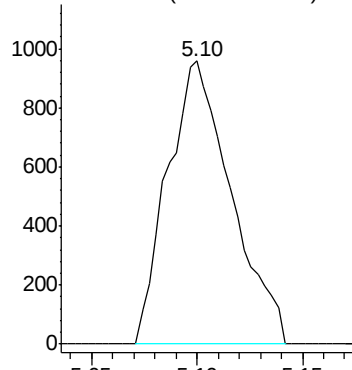
ClientSampled :

C0LC1

Tgt Ion: 78 Resp: 2010



Abundance Ion 78.00 (77.70 to 78.70): VV0



#37

1,2-Dichloropropane

Concen: 6.528 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

Lab File: VV008989.D

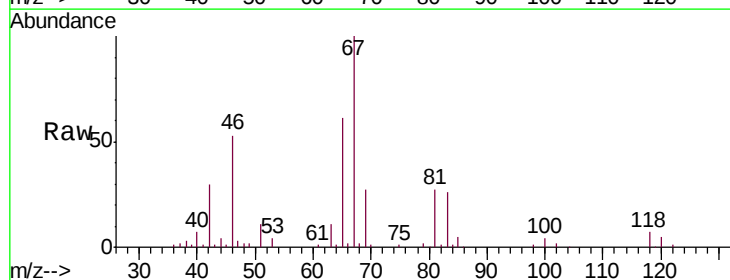
Acq: 17 Dec 2018 19:17

Tgt Ion: 63 Resp: 8482

Ion Ratio Lower Upper

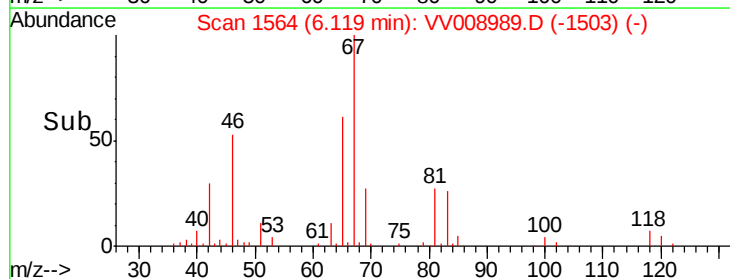
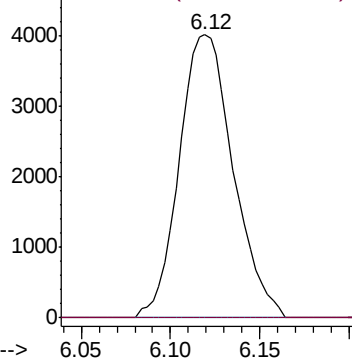
63 100

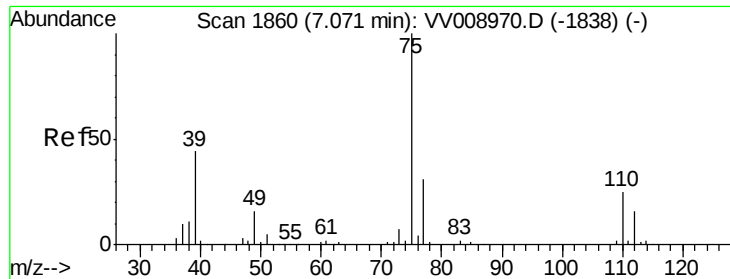
112 0.0 3.8 5.6#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V



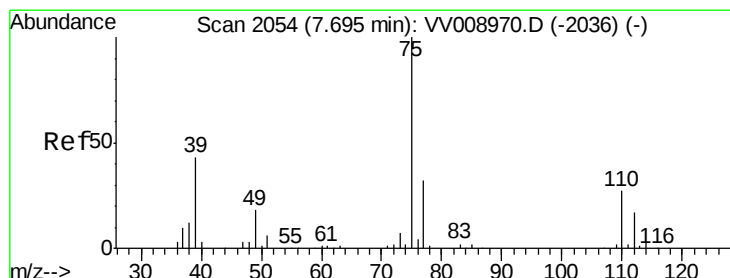
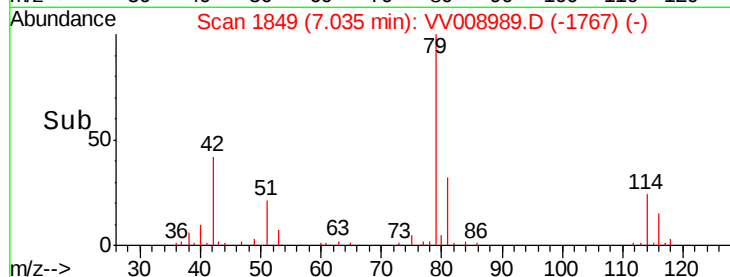
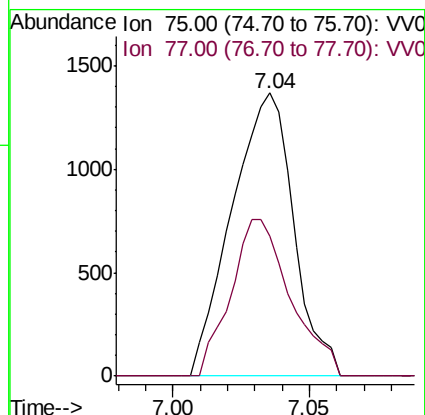
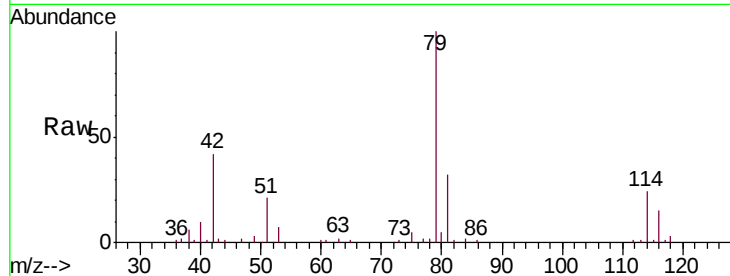


#39

cis-1,3-Dichloropropene
Concen: 1.039 ug/L
RT: 7.04 min Scan# 1849
Delta R.T. -0.04 min
Lab File: VV008989.D
Acq: 17 Dec 2018 19:17

Instrument :
MSVOA_V
ClientSampleId :
COLC1

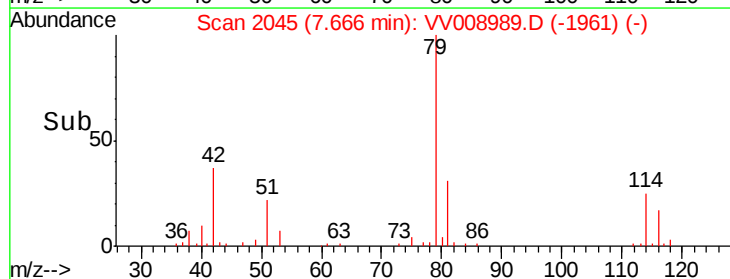
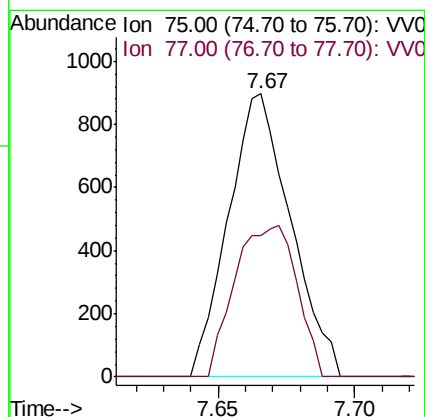
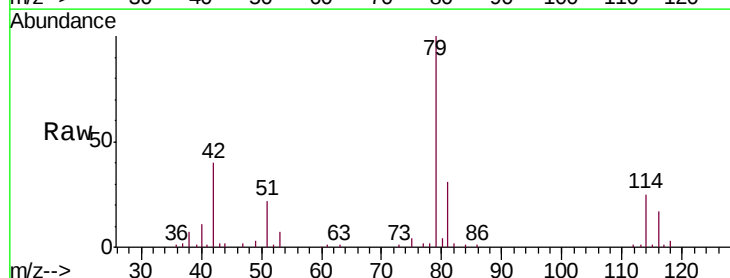
Tgt Ion: 75 Resp: 2153
Ion Ratio Lower Upper
75 100
77 49.3 21.8 40.4#

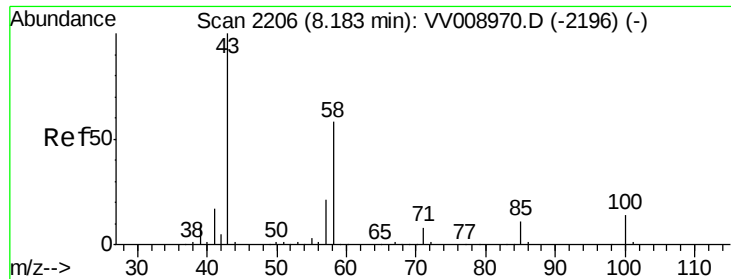


#44

trans-1,3-Dichloropropene
Concen: 0.738 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV008989.D
Acq: 17 Dec 2018 19:17

Tgt Ion: 75 Resp: 1426
Ion Ratio Lower Upper
75 100
77 49.7 21.6 40.2#

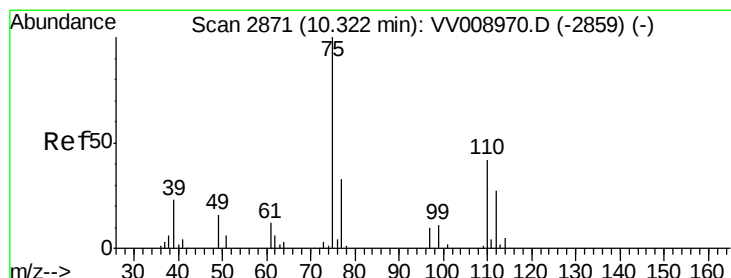
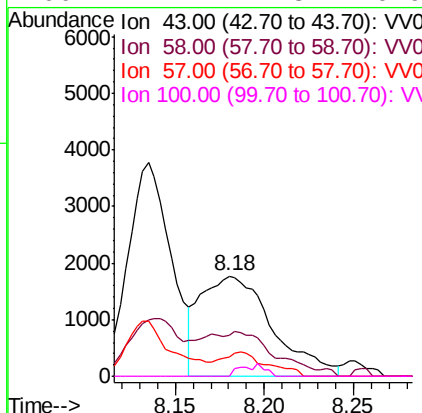
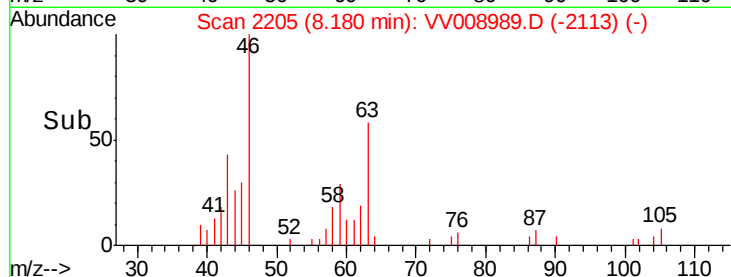
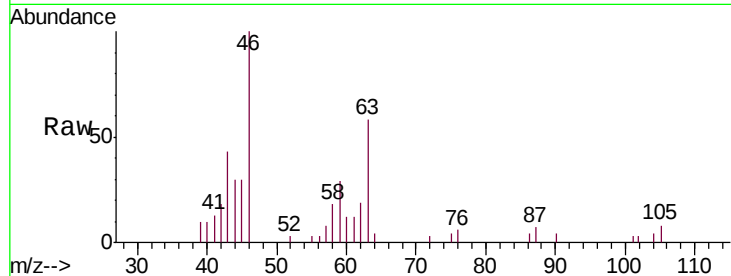




#48
2-Hexanone
Concen: 3.971 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VV008989.D
Acq: 17 Dec 2018 19:17

Instrument :
MSVOA_V
ClientSampleId :
COLC1

Tgt Ion: 43 Resp: 4964
Ion Ratio Lower Upper
43 100
58 0.0 42.7 64.1#
57 15.2 15.7 23.5#
100 2.2 11.3 16.9#



#59
1,2,3-Trichloropropane
Concen: 4.925 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.97 min
Lab File: VV008989.D
Acq: 17 Dec 2018 19:17

Tgt Ion: 75 Resp: 8059
Ion Ratio Lower Upper
75 100
77 44.9 25.8 38.8#

