

Data File : VV008965.D
Acq On : 15 Dec 2018 05:27
Operator : SY/MD
Sample : J6383-01
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0934

Quant Time: Dec 15 05:49:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 15 01:01:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	202503	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	188422	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	80971	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47626	40.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.54%
7) Chloroethane-d5	1.56	69	38399	51.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.18%
11) 1,1-Dichloroethene-d2	2.13	63	99924	35.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.56%
21) 2-Butanone-d5	3.93	46	90539	114.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.67%
24) Chloroform-d	4.40	84	119849	47.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.08	65	82791	51.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.02%
32) Benzene-d6	5.10	84	250151	49.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.52%
36) 1,2-Dichloropropane-d6	6.12	67	74444	48.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.58%
41) Toluene-d8	7.36	98	223886	46.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.94%
43) trans-1,3-Dichloropropene-	7.67	79	34702	44.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.68%
47) 2-Hexanone-d5	8.13	63	54904	97.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.22%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	88538	44.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.88%
64) 1,2-Dichlorobenzene-d4	11.68	152	82515	49.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.82%

Target Compounds

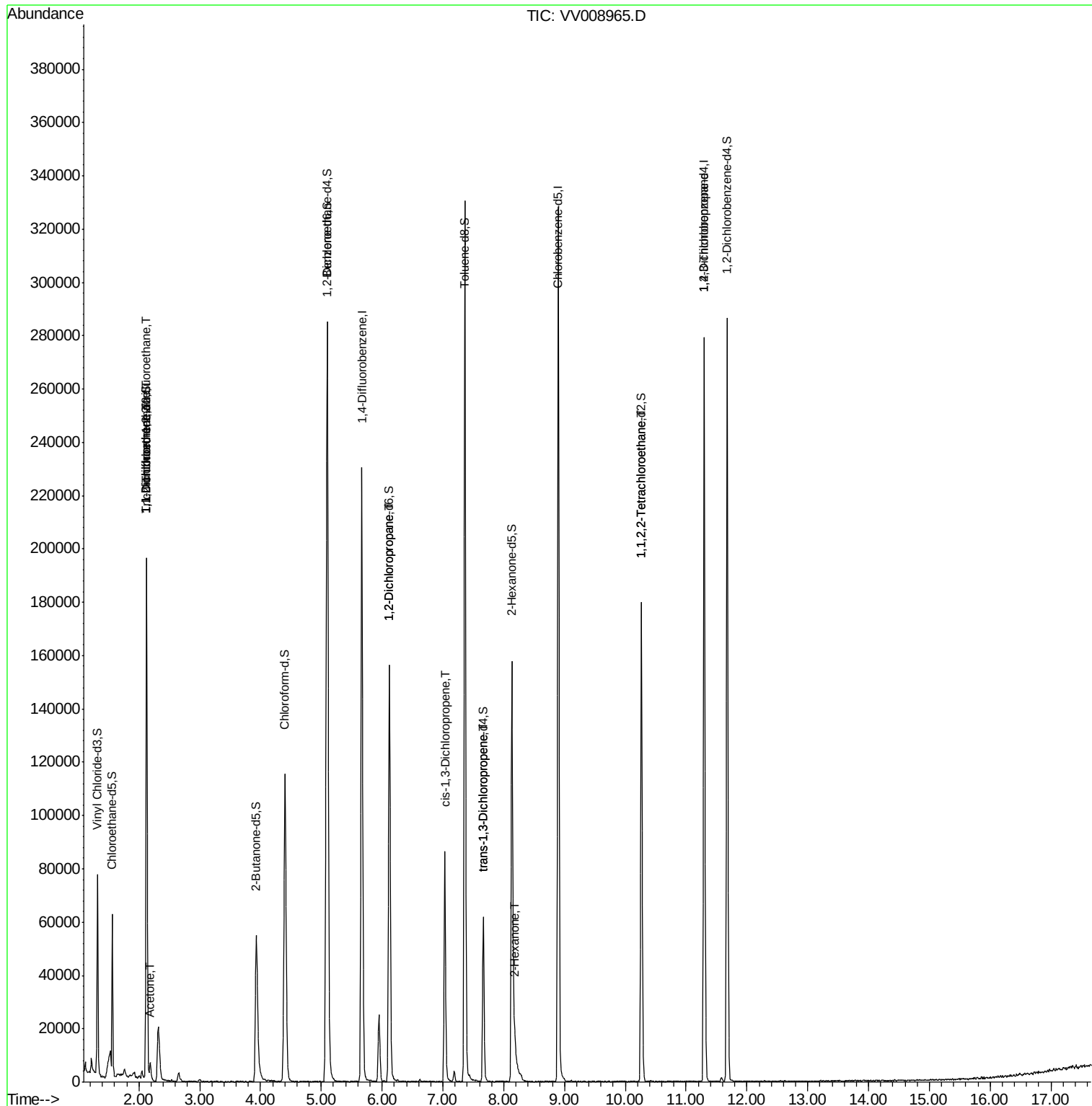
					Qvalue
9) Trichlorofluoromethane	2.13	101	881	0.390 ug/L #	38
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	881	0.637 ug/L #	18
12) 1,1-Dichloroethene	2.13	96	859	0.683 ug/L #	1
13) Acetone	2.19	43	3265	2.750 ug/L	95
37) 1,2-Dichloropropane	6.12	63	8862	6.600 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	1972	0.921 ug/L #	36
44) trans-1,3-Dichloropropene	7.66	75	1420	0.711 ug/L #	66
48) 2-Hexanone	8.18	43	3879	3.002 ug/L #	79
58) 1,1,2,2-Tetrachloroethane	10.27	83	738	0.369 ug/L #	1
59) 1,2,3-Trichloropropane	11.30	75	8231	4.867 ug/L	89

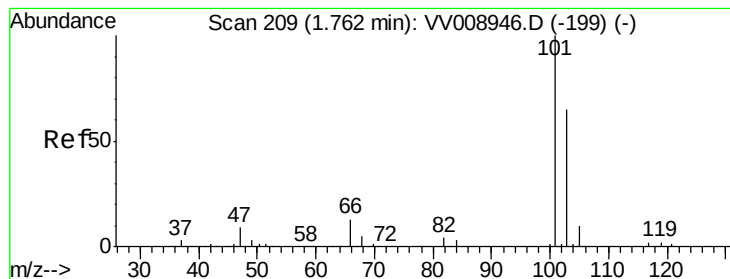
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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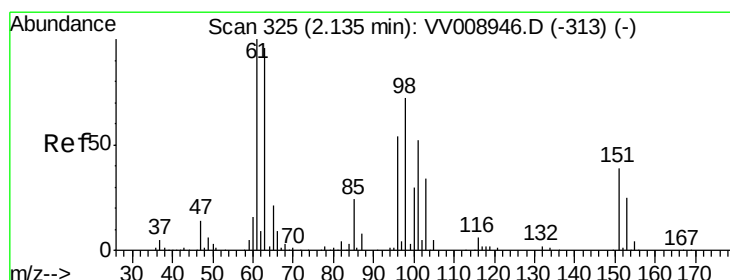
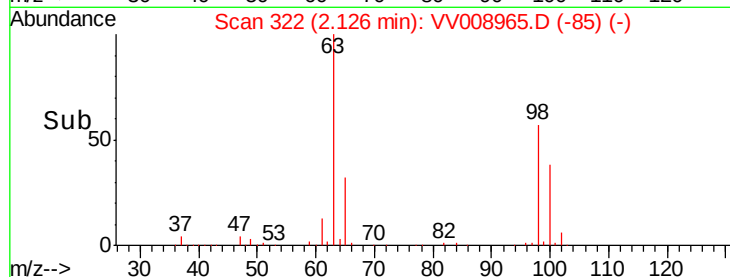
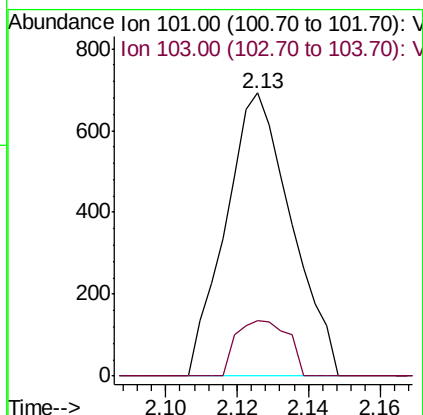
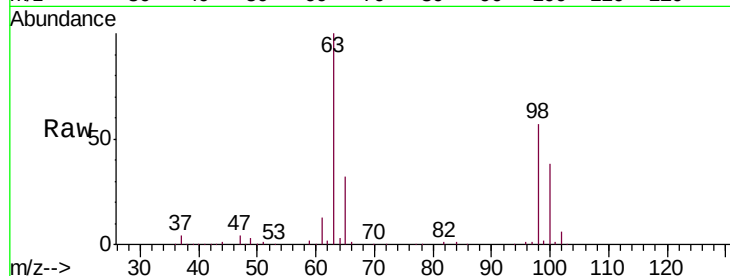


#9

Trichlorofluoromethane
 Concen: 0.390 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. 0.36 min
 Lab File: VV008965.D
 Acq: 15 Dec 2018 05:27

Instrument :
 MSVOA_V
 ClientSampleId :
 C0934

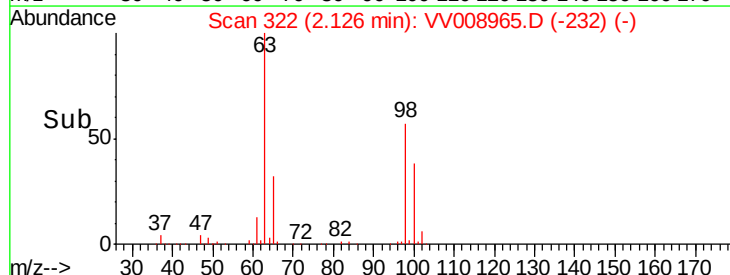
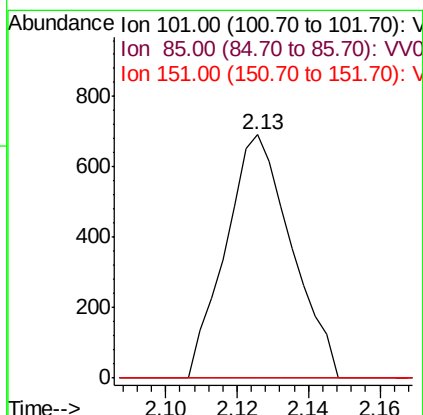
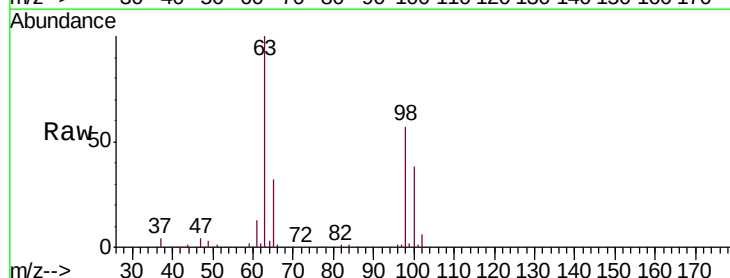
Tgt Ion:101 Resp: 881
 Ion Ratio Lower Upper
 101 100
 103 15.4 51.5 77.3#

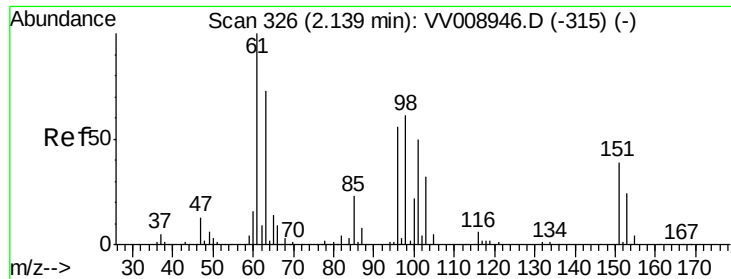


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.637 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.01 min
 Lab File: VV008965.D
 Acq: 15 Dec 2018 05:27

Tgt Ion:101 Resp: 881
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 52.0#
 151 0.0 63.8 95.8#

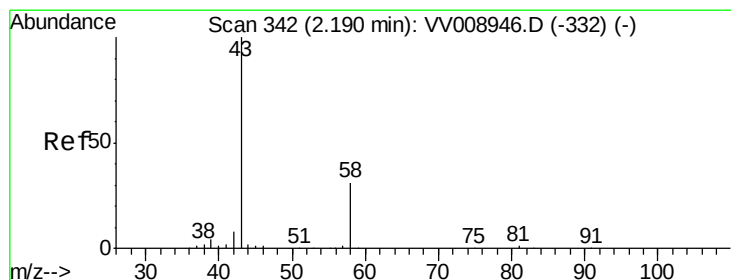
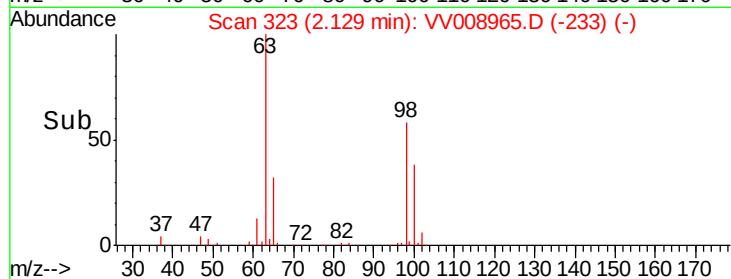
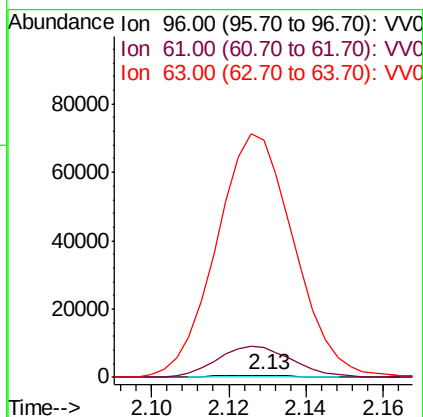
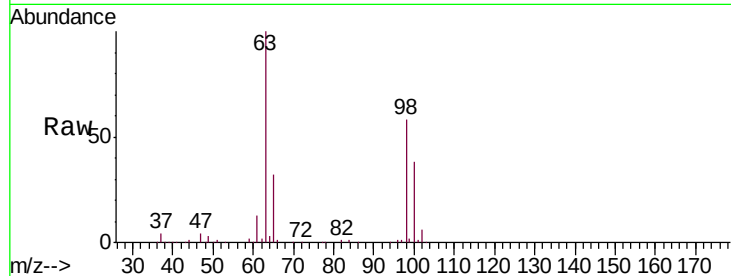




#12
 1,1-Dichloroethene
 Concen: 0.683 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV008965.D
 Acq: 15 Dec 2018 05:27

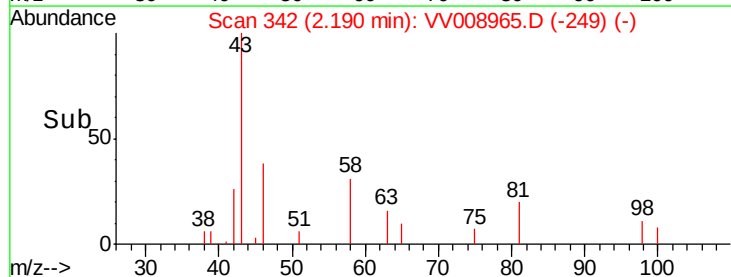
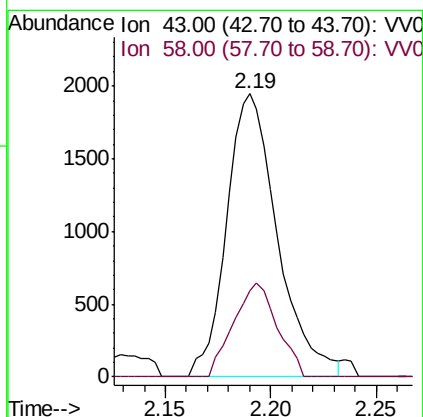
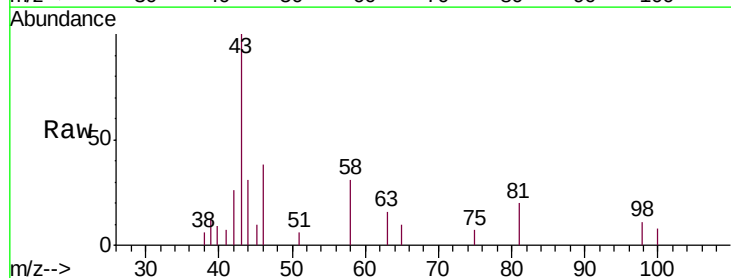
Instrument :
 MSVOA_V
 ClientSampleId :
 C0934

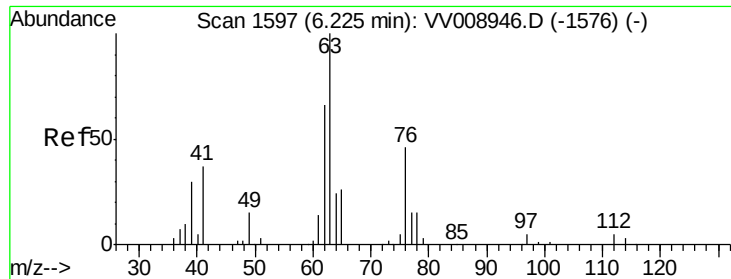
Tgt Ion: 96 Resp: 859
 Ion Ratio Lower Upper
 96 100
 61 1323.8 119.1 221.3#
 63 10568.3 96.0 178.2#



#13
 Acetone
 Concen: 2.750 ug/L
 RT: 2.19 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VV008965.D
 Acq: 15 Dec 2018 05:27

Tgt Ion: 43 Resp: 3265
 Ion Ratio Lower Upper
 43 100
 58 28.4 0.0 61.8

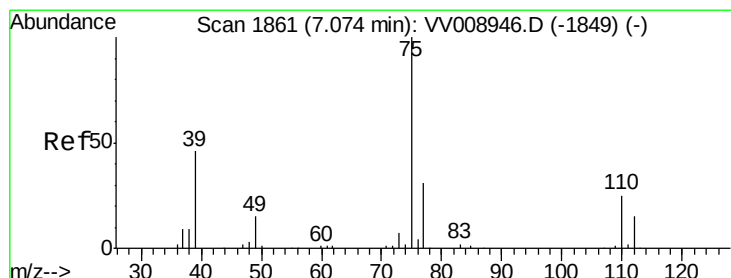
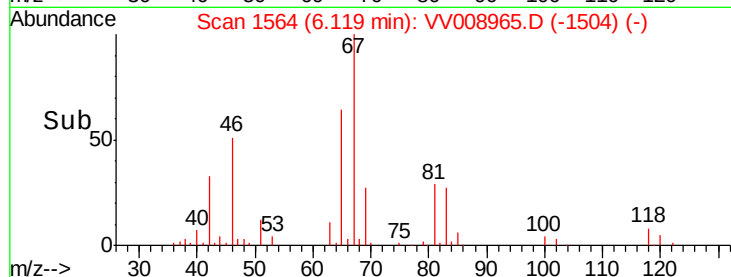
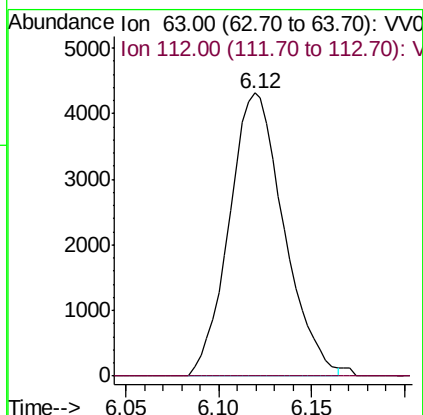
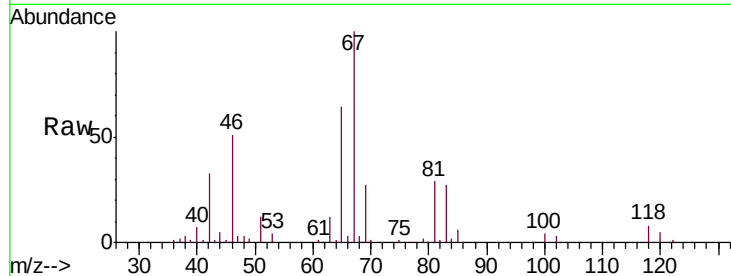




#37
 1,2-Dichloropropane
 Concen: 6.600 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.11 min
 Lab File: VV008965.D
 Acq: 15 Dec 2018 05:27

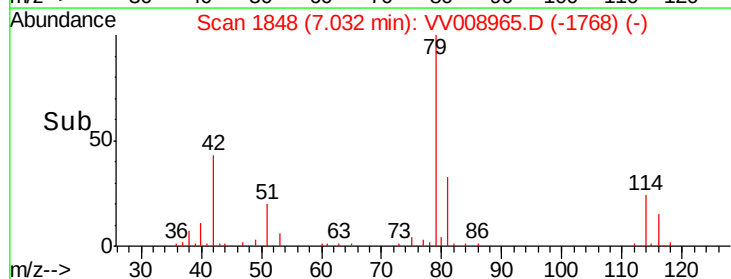
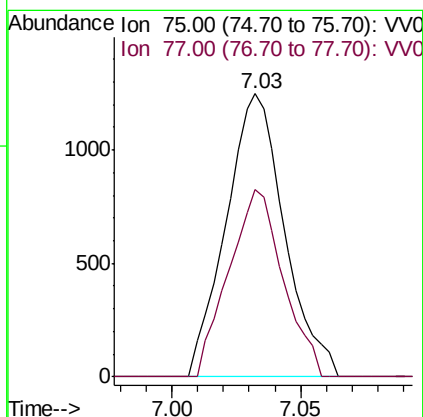
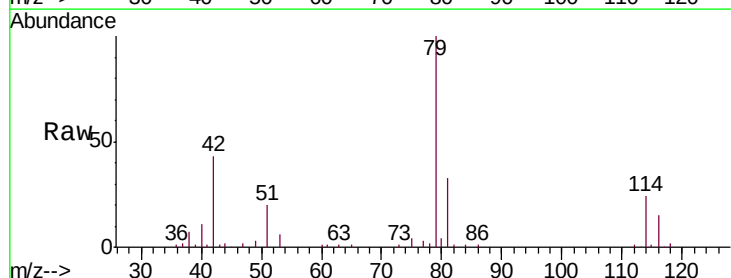
Instrument :
 MSVOA_V
 ClientSampleId :
 C0934

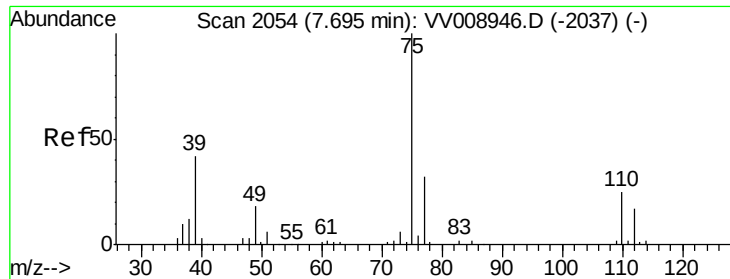
Tgt Ion: 63 Resp: 8862
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.921 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008965.D
 Acq: 15 Dec 2018 05:27

Tgt Ion: 75 Resp: 1972
 Ion Ratio Lower Upper
 75 100
 77 66.3 21.8 40.4#





#44

trans-1,3-Dichloropropene

Concen: 0.711 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV008965.D

Acq: 15 Dec 2018 05:27

Instrument :

MSVOA_V

ClientSampled :

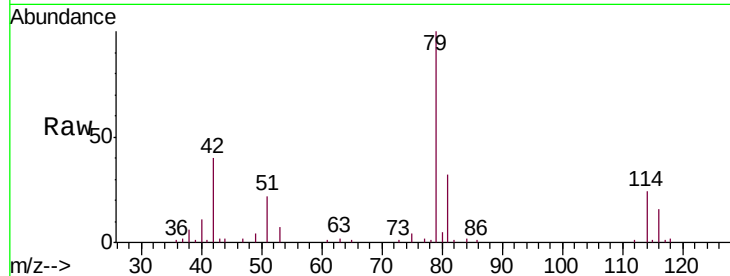
C0934

Tgt Ion: 75 Resp: 1420

Ion Ratio Lower Upper

75 100

77 49.6 21.6 40.2#



Abundance Ion 75.00 (74.70 to 75.70): VV008946.D (-2037) (-)

Ion 77.00 (76.70 to 77.70): VV008946.D (-2037) (-)

7.66

800

600

400

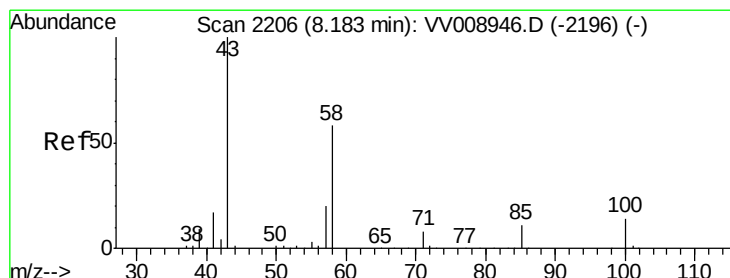
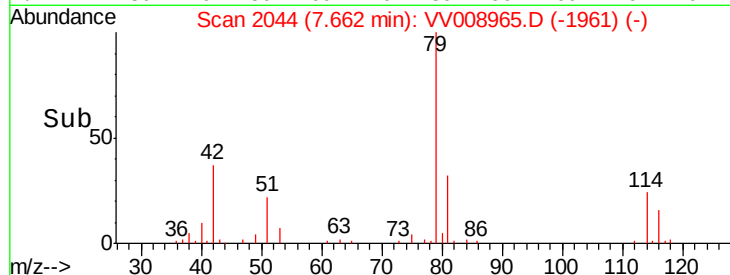
200

0

7.65

7.70

Time-->



#48

2-Hexanone

Concen: 3.002 ug/L

RT: 8.18 min Scan# 2206

Delta R.T. 0.00 min

Lab File: VV008965.D

Acq: 15 Dec 2018 05:27

Tgt Ion: 43 Resp: 3879

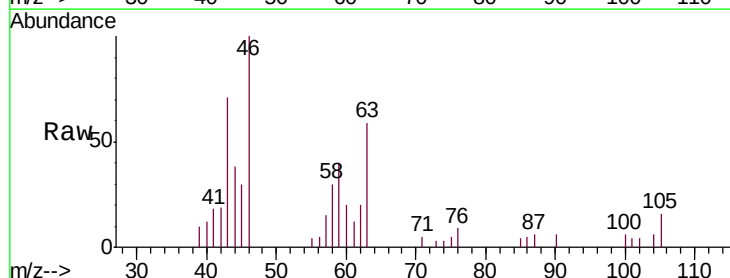
Ion Ratio Lower Upper

43 100

58 32.9 42.7 64.1#

57 20.1 15.7 23.5

100 6.8 11.3 16.9#



Abundance Ion 43.00 (42.70 to 43.70): VV008946.D (-2196) (-)

Ion 58.00 (57.70 to 58.70): VV008946.D (-2196) (-)

Ion 57.00 (56.70 to 57.70): VV008946.D (-2196) (-)

Ion 100.00 (99.70 to 100.70): VV008946.D (-2196) (-)

5000

4000

3000

2000

1000

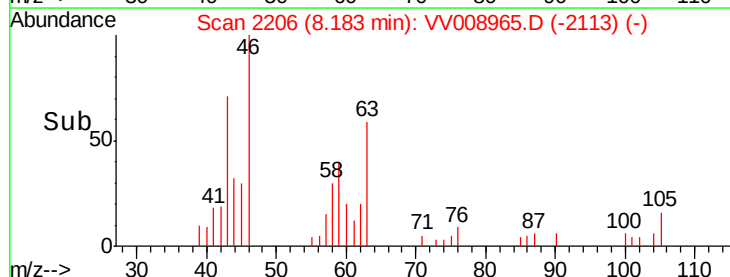
0

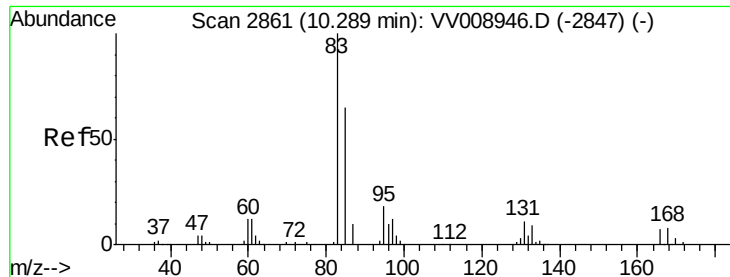
8.15

8.20

8.25

Time-->





#58

1,1,2,2-Tetrachloroethane

Concen: 0.369 ug/L

RT: 10.27 min Scan# 2855

Delta R.T. -0.02 min

Lab File: VV008965.D

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ClientSampled :

C0934

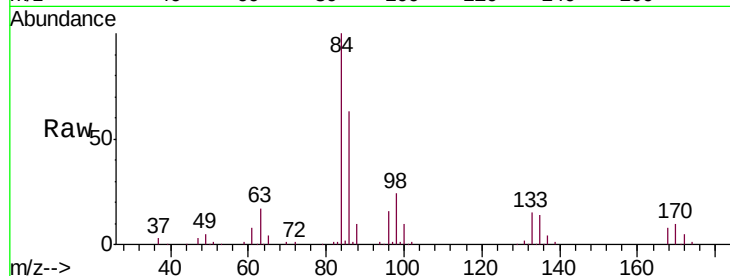
Tgt Ion: 83 Resp: 738

Ion Ratio Lower Upper

83 100

85 191.4 45.3 84.1#

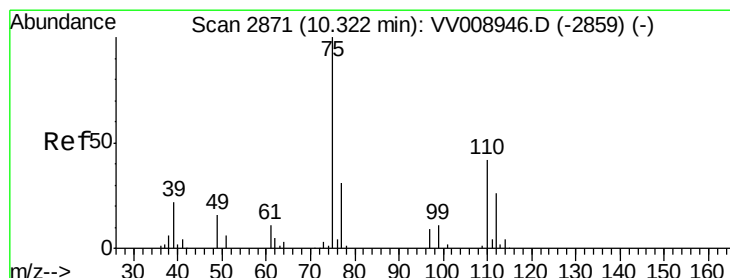
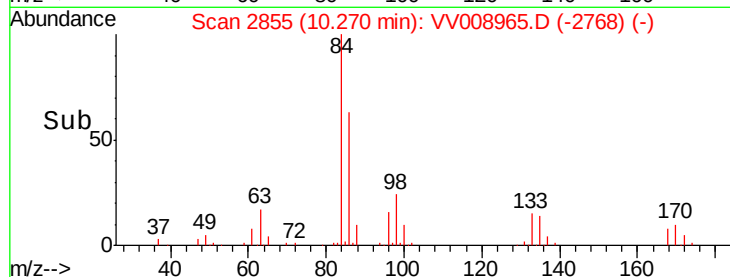
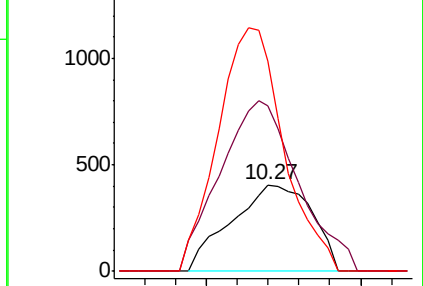
131 244.4 9.2 13.8#



Abundance Ion 83.00 (82.70 to 83.70): VV008946.D (-2847) (-)

Ion 85.00 (84.70 to 85.70): VV008946.D (-2847) (-)

Ion 131.00 (130.70 to 131.70): VV008946.D (-2847) (-)



#59

1,2,3-Trichloropropane

Concen: 4.867 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV008965.D

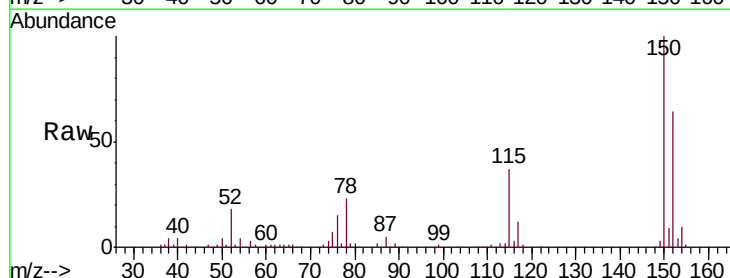
Acq: 15 Dec 2018 05:27

Tgt Ion: 75 Resp: 8231

Ion Ratio Lower Upper

75 100

77 38.3 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV008946.D (-2859) (-)

Ion 77.00 (76.70 to 77.70): VV008946.D (-2859) (-)

