

Data File : VV008987.D
Acq On : 17 Dec 2018 18:29
Operator : SY/MD
Sample : J6387-16
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COLB9

Quant Time: Dec 18 01:52:24 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	200285	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	188332	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	77668	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55846	47.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.50%
7) Chloroethane-d5	1.57	69	47717	64.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	129.64%
11) 1,1-Dichloroethene-d2	2.13	63	111846	40.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.98%
21) 2-Butanone-d5	3.93	46	92125	117.97	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.97%
24) Chloroform-d	4.41	84	123084	49.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.64%
26) 1,2-Dichloroethane-d4	5.08	65	81123	51.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.06%
32) Benzene-d6	5.10	84	256089	50.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.92%
36) 1,2-Dichloropropane-d6	6.12	67	78242	51.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.60%
41) Toluene-d8	7.36	98	235850	49.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.02%
43) trans-1,3-Dichloropropene-	7.67	79	38042	49.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.36%
47) 2-Hexanone-d5	8.13	63	60291	106.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.81%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	94133	47.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.62%
64) 1,2-Dichlorobenzene-d4	11.68	152	82340	51.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

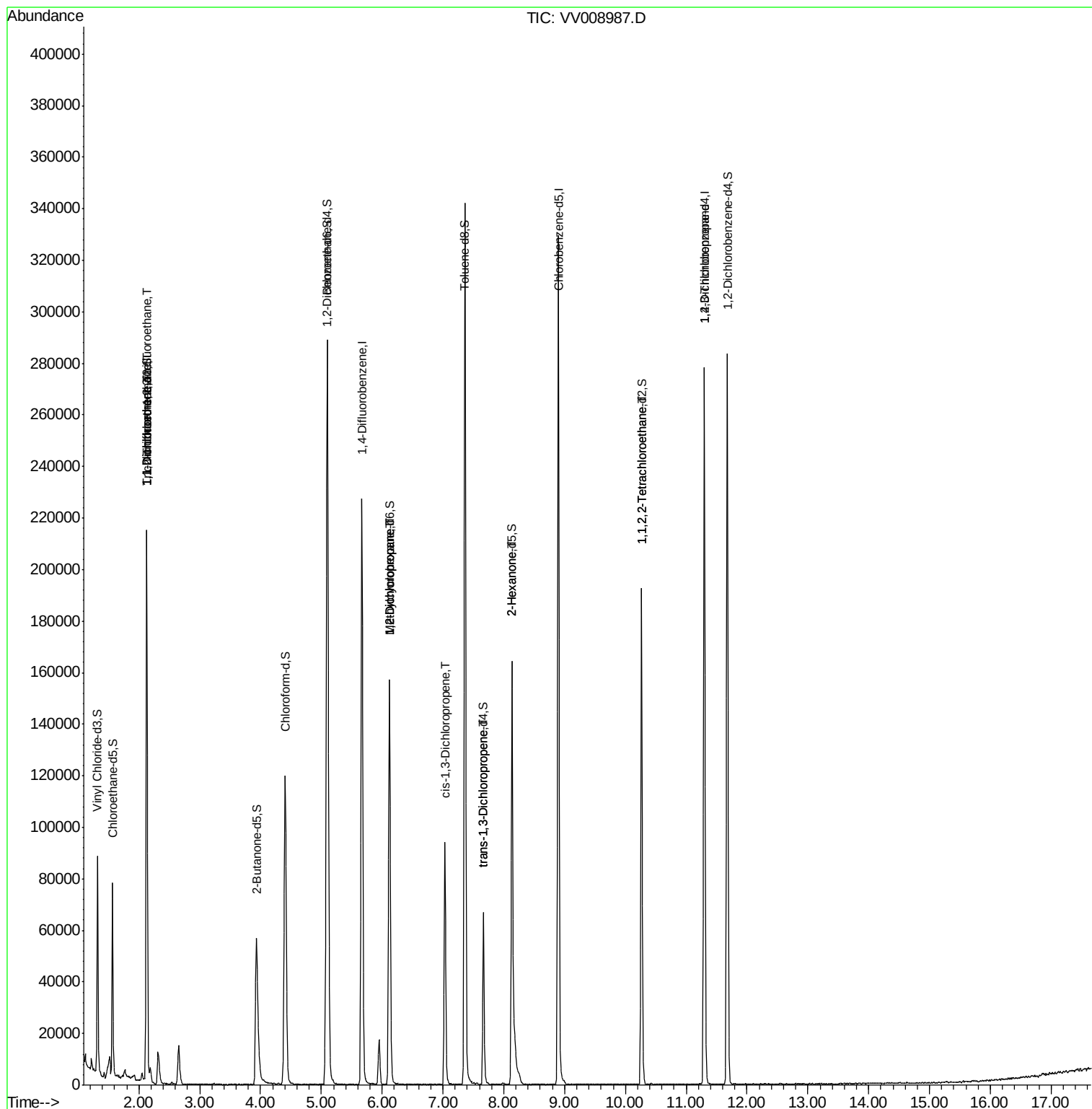
					Qvalue
9) Trichlorofluoromethane	2.13	101	899	0.402 ug/L #	18
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	899	0.658 ug/L #	18
12) 1,1-Dichloroethene	2.14	96	3335	2.682 ug/L #	1
35) Methylcyclohexane	6.12	83	19620	8.828 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	8575	6.389 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2414	1.128 ug/L #	73
44) trans-1,3-Dichloropropene	7.67	75	1346	0.675 ug/L #	53
48) 2-Hexanone	8.14	43	6298	4.877 ug/L #	73
58) 1,1,2,2-Tetrachloroethane	10.27	83	688	0.345 ug/L #	1
59) 1,2,3-Trichloropropane	11.30	75	8236	4.873 ug/L	92

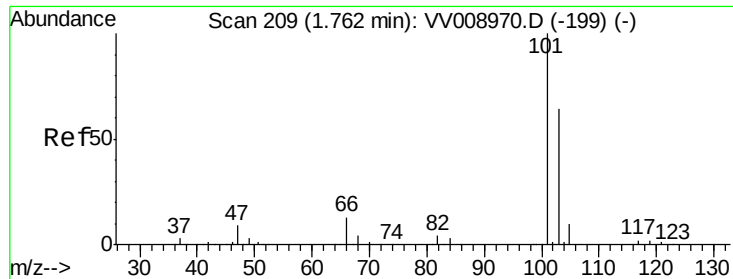
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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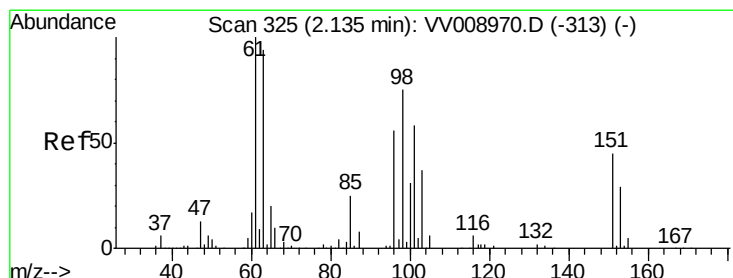
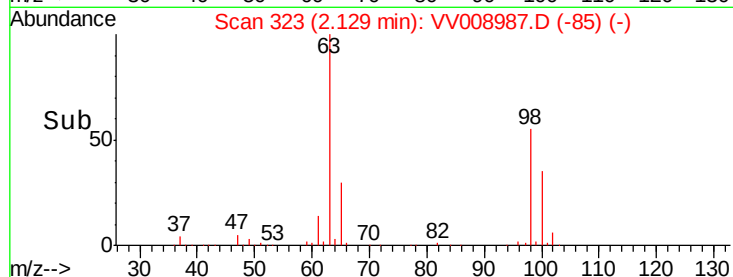
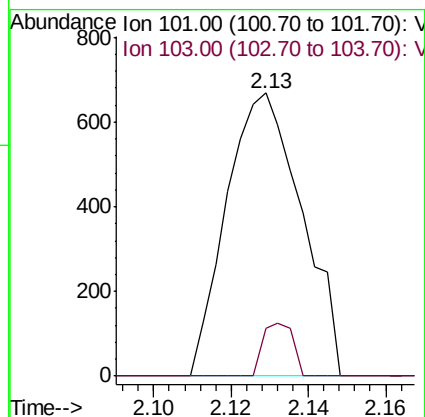
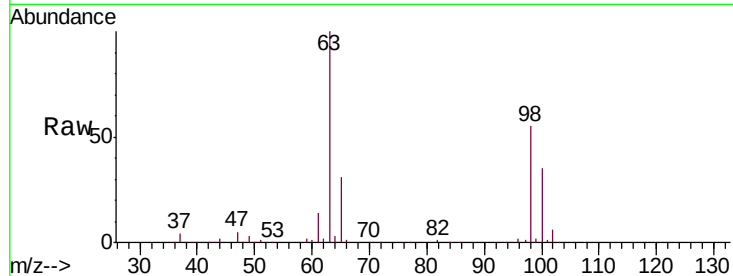


#9

Trichlorofluoromethane
 Concen: 0.402 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. 0.37 min
 Lab File: VV008987.D
 Acq: 17 Dec 2018 18:29

Instrument :
 MSVOA_V
 ClientSampleId :
 COLB9

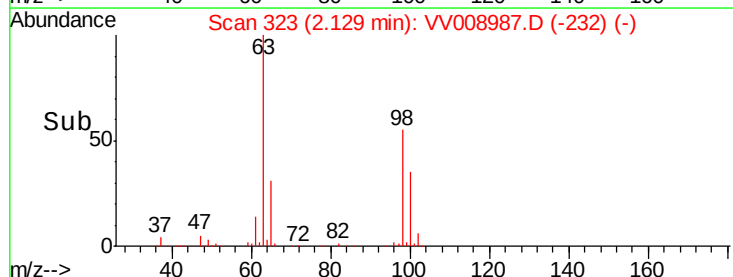
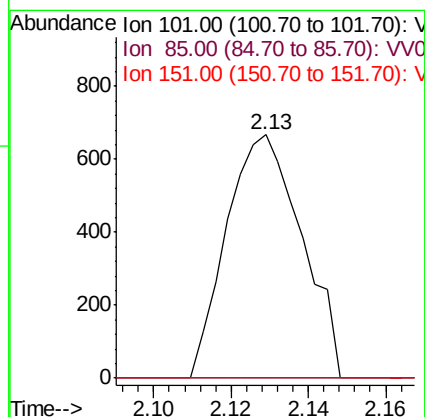
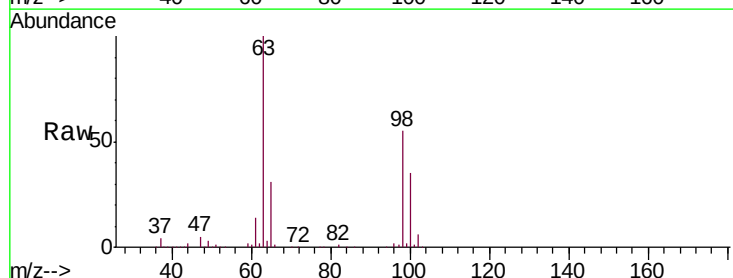
Tgt Ion:101 Resp: 899
 Ion Ratio Lower Upper
 101 100
 103 0.0 51.5 77.3#

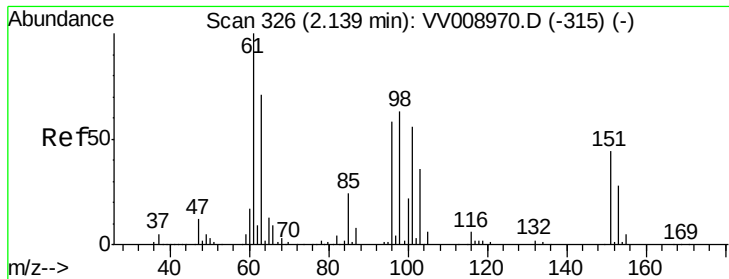


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.658 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV008987.D
 Acq: 17 Dec 2018 18:29

Tgt Ion:101 Resp: 899
 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: 2.682 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VV008987.D

Acq: 17 Dec 2018 18:29

Instrument :

MSVOA_V

ClientSampleId :

C0LB9

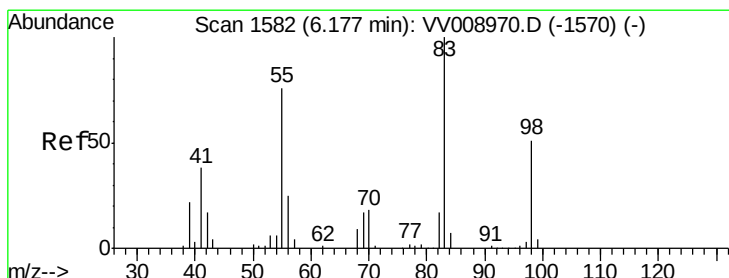
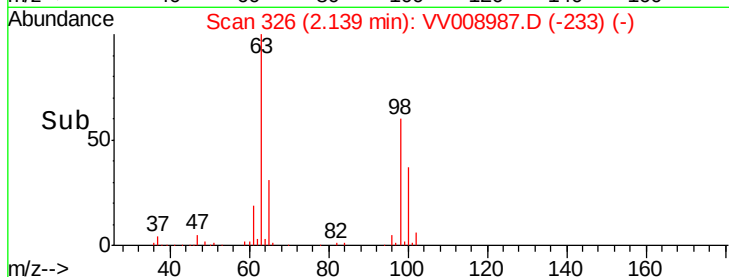
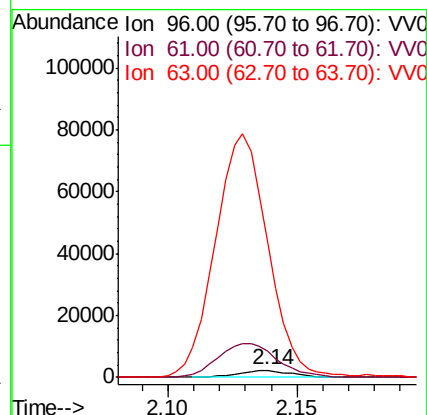
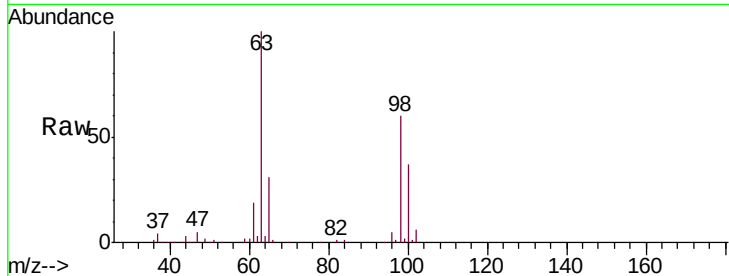
Tgt Ion: 96 Resp: 3335

Ion Ratio Lower Upper

96 100

61 372.1 119.1 221.3#

63 1963.2 96.0 178.2#



#35

Methylcyclohexane

Concen: 8.828 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.06 min

Lab File: VV008987.D

Acq: 17 Dec 2018 18:29

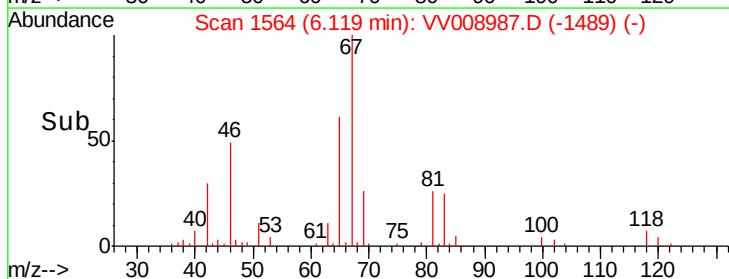
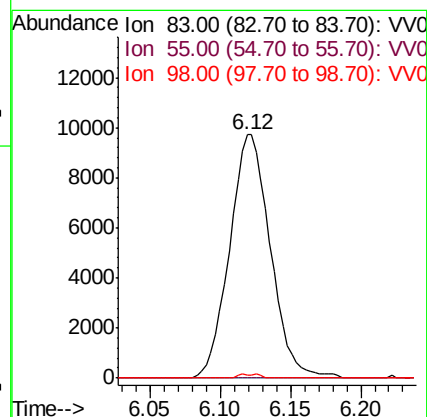
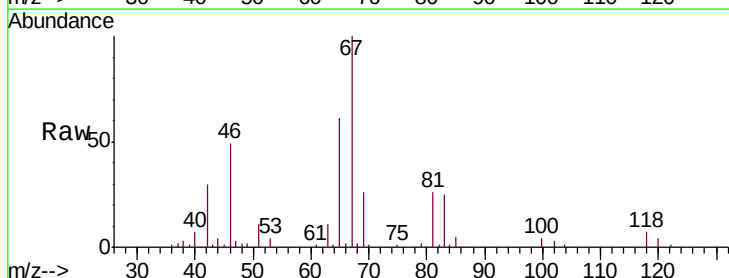
Tgt Ion: 83 Resp: 19620

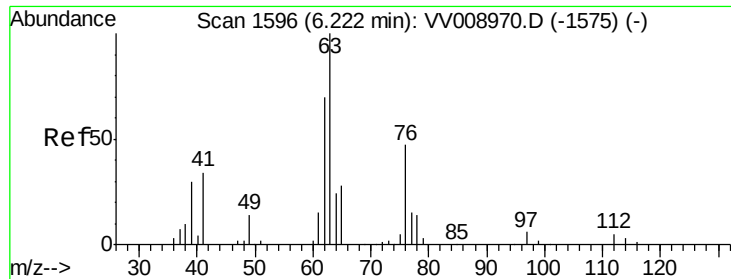
Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.8#

98 0.4 39.0 58.4#

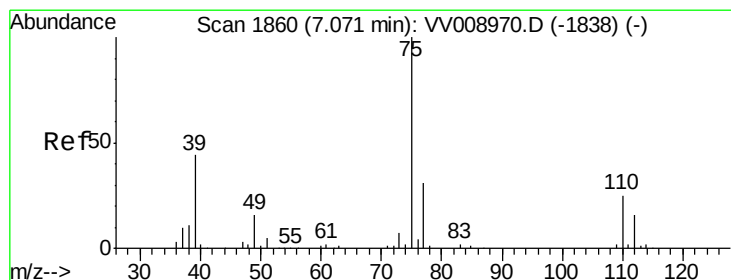
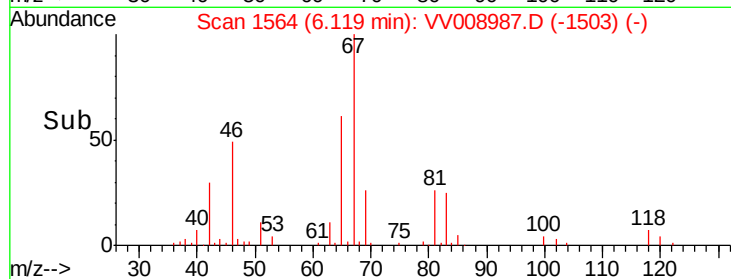
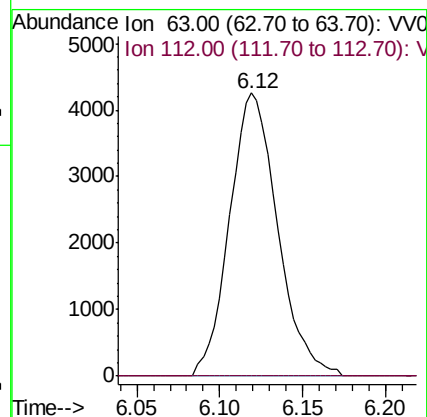
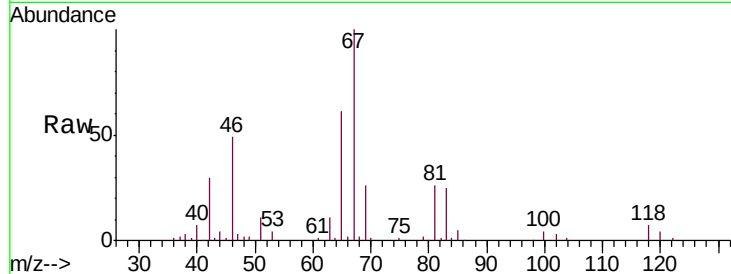




#37
 1,2-Dichloropropane
 Concen: 6.389 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV008987.D
 Acq: 17 Dec 2018 18:29

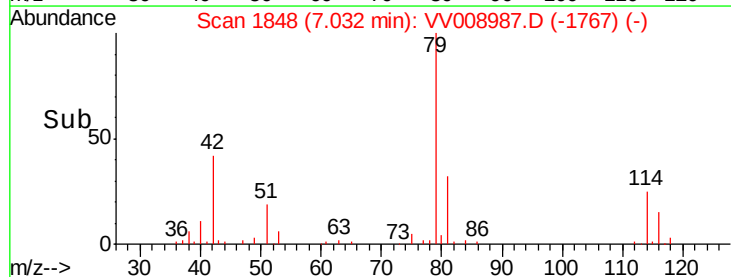
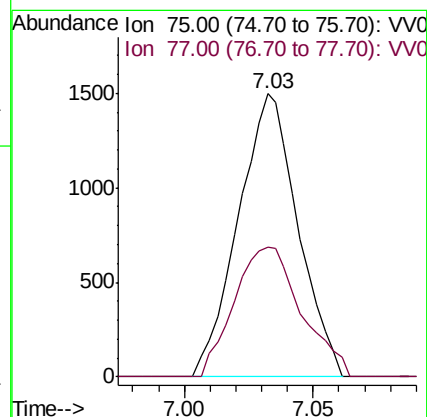
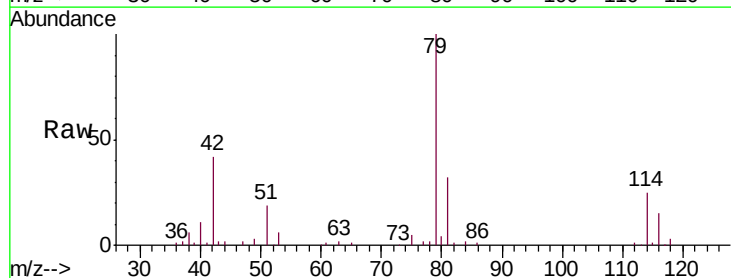
Instrument :
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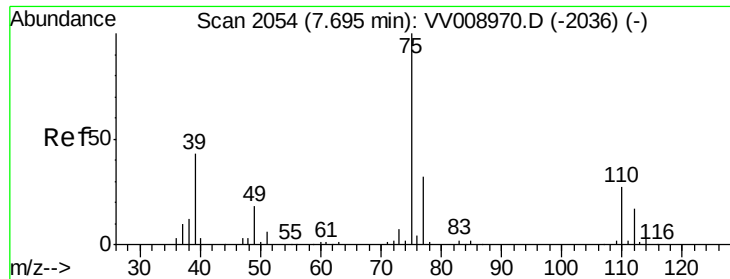
Tgt Ion: 63 Resp: 8575
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.128 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008987.D
 Acq: 17 Dec 2018 18:29

Tgt Ion: 75 Resp: 2414
 Ion Ratio Lower Upper
 75 100
 77 46.0 21.8 40.4#





#44

trans-1,3-Dichloropropene

Concen: 0.675 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV008987.D

Acq: 17 Dec 2018 18:29

Instrument :

MSVOA_V

ClientSampleId :

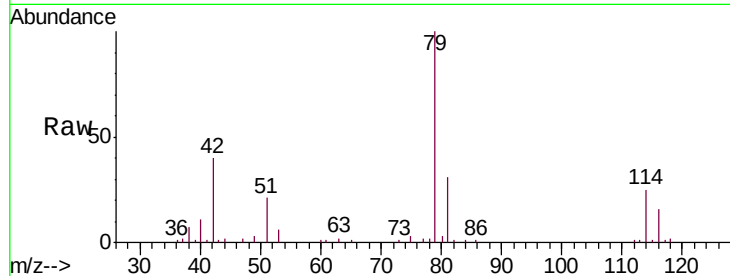
C0LB9

Tgt Ion: 75 Resp: 1346

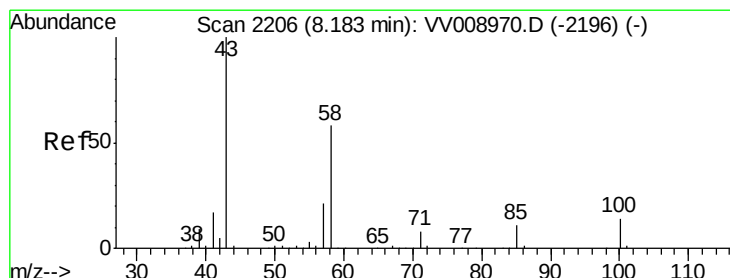
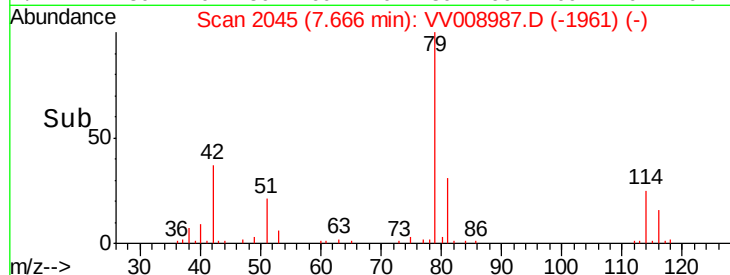
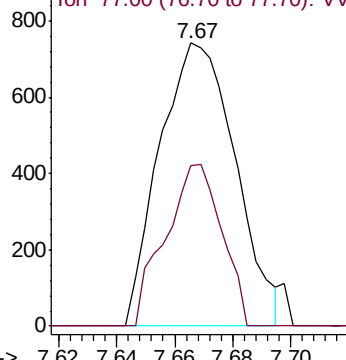
Ion Ratio Lower Upper

75 100

77 56.9 21.6 40.2#



Abundance Ion 75.00 (74.70 to 75.70): VV008987.D (-2036) (-)



#48

2-Hexanone

Concen: 4.877 ug/L

RT: 8.14 min Scan# 2191

Delta R.T. -0.05 min

Lab File: VV008987.D

Acq: 17 Dec 2018 18:29

Tgt Ion: 43 Resp: 6298

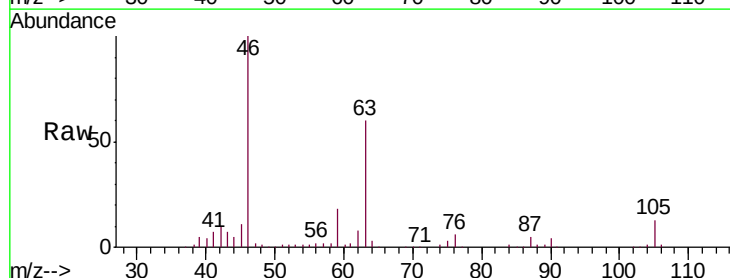
Ion Ratio Lower Upper

43 100

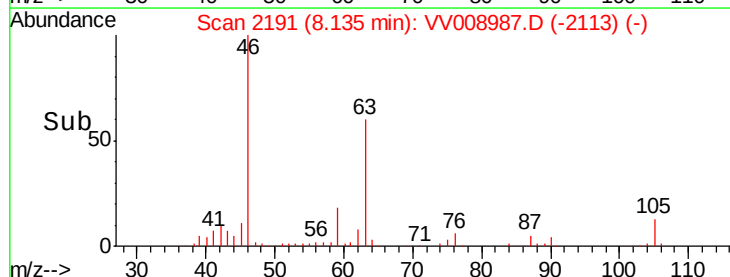
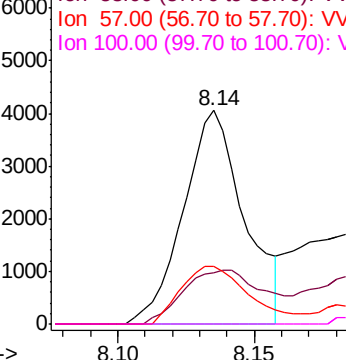
58 34.7 42.7 64.1#

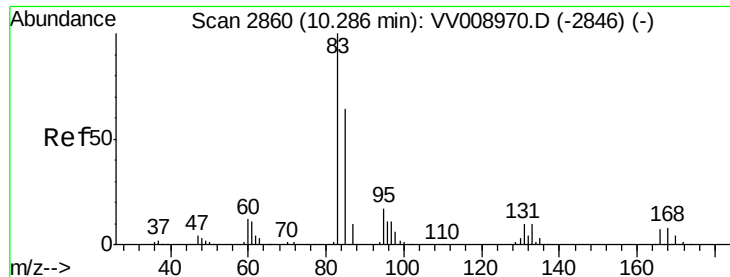
57 31.1 15.7 23.5#

100 0.0 11.3 16.9#



Abundance Ion 43.00 (42.70 to 43.70): VV008987.D (-2191) (-)





#58

1,1,2,2-Tetrachloroethane

Concen: 0.345 ug/L

RT: 10.27 min Scan# 2856

Delta R.T. -0.01 min

Lab File: VV008987.D

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MSVOA_V

ClientSampleId :

COLB9

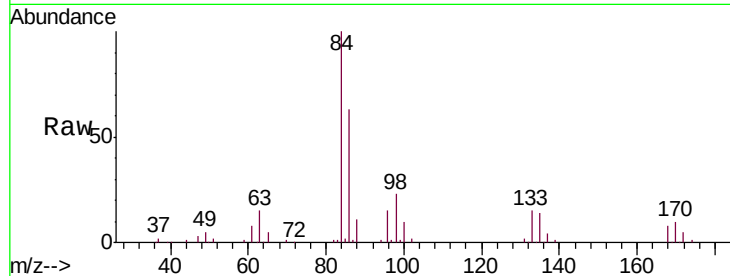
Tgt Ion: 83 Resp: 688

Ion Ratio Lower Upper

83 100

85 176.4 45.3 84.1#

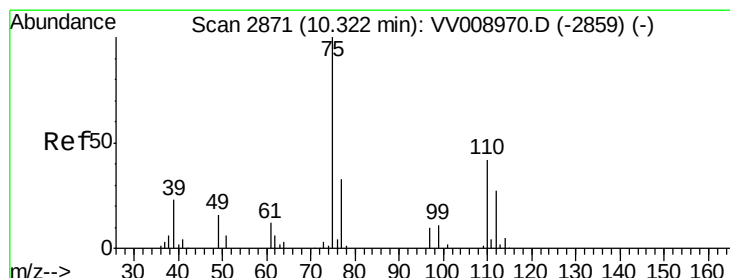
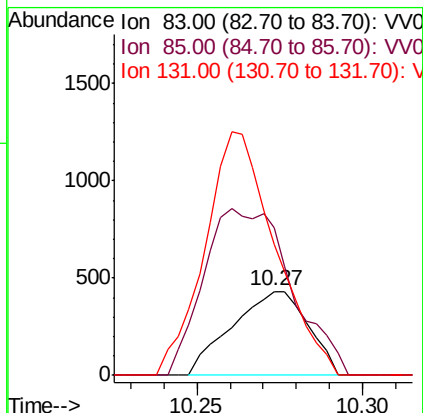
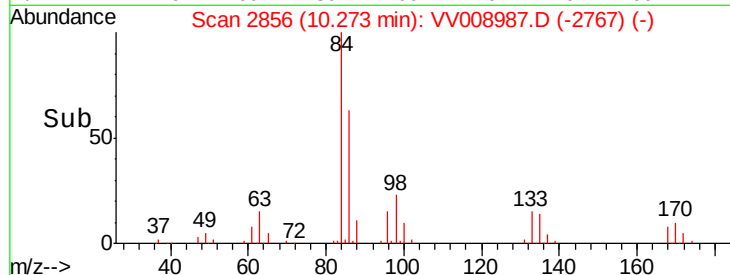
131 155.6 9.2 13.8#



Abundance Ion 83.00 (82.70 to 83.70): VV008987.D (-2767) (-)

Ion 85.00 (84.70 to 85.70): VV008987.D (-2767) (-)

Ion 131.00 (130.70 to 131.70): VV008987.D (-2767) (-)



#59

1,2,3-Trichloropropane

Concen: 4.873 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV008987.D

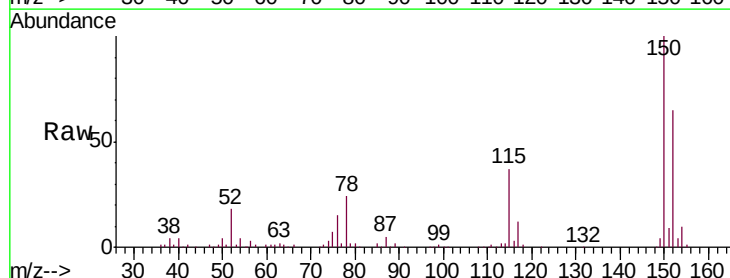
Acq: 17 Dec 2018 18:29

Tgt Ion: 75 Resp: 8236

Ion Ratio Lower Upper

75 100

77 36.9 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV008987.D (-2249) (-)

Ion 77.00 (76.70 to 77.70): VV008987.D (-2249) (-)

