

Data File : VV008925.D
Acq On : 14 Dec 2018 13:30
Operator : SY/MD
Sample : J6367-11
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COL47

Quant Time: Dec 14 23:41:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 14 23:39:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	206732	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	192430	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	82152	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54661	45.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.56%
7) Chloroethane-d5	1.57	69	42018	55.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.60%
11) 1,1-Dichloroethene-d2	2.13	63	109774	38.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.00%
21) 2-Butanone-d5	3.93	46	91374	113.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.36%
24) Chloroform-d	4.40	84	129840	50.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.08	65	86173	52.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.04%
32) Benzene-d6	5.10	84	266050	51.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.12	67	79763	51.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.38%
41) Toluene-d8	7.36	98	247101	50.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.52%
43) trans-1,3-Dichloropropene-	7.66	79	39666	50.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.38%
47) 2-Hexanone-d5	8.13	63	61719	107.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.02%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	96170	47.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	89364	52.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.48%

Target Compounds

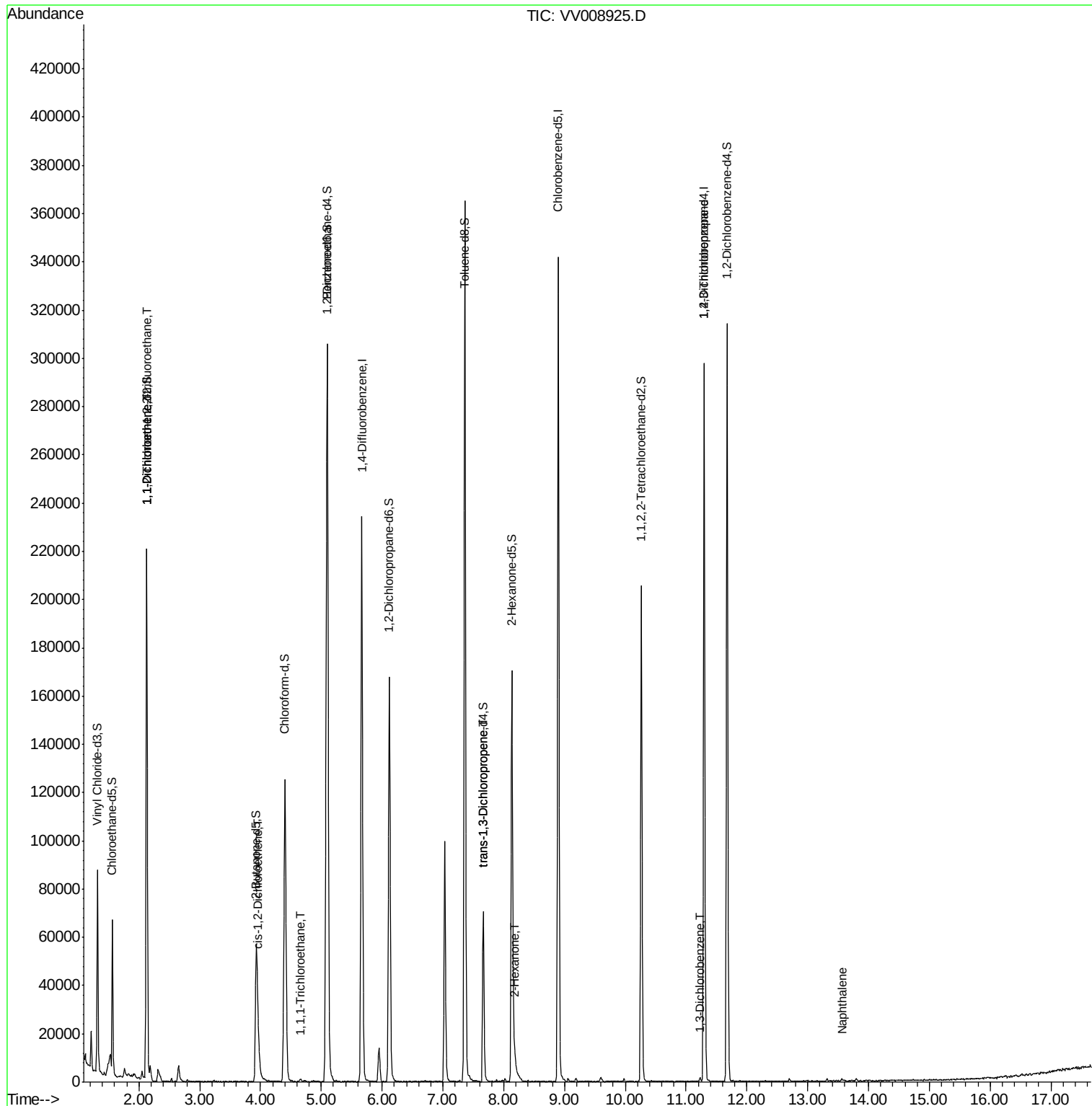
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1300	0.921	ug/L #	26
12) 1,1-Dichloroethene	2.14	96	5704	4.444	ug/L #	1
20) cis-1,2-Dichloroethene	3.96	96	4016	2.695	ug/L	95
30) 1,1,1-Trichloroethane	4.66	97	847	0.359	ug/L #	86
44) trans-1,3-Dichloropropene	7.67	75	1672	0.820	ug/L	91
48) 2-Hexanone	8.18	43	3506	2.657	ug/L #	50
59) 1,2,3-Trichloropropane	11.30	75	8821	5.108	ug/L	96
62) 1,3-Dichlorobenzene	11.23	146	1016	0.386	ug/L #	88
69) Naphthalene	13.56	128	1353	0.465	ug/L #	69

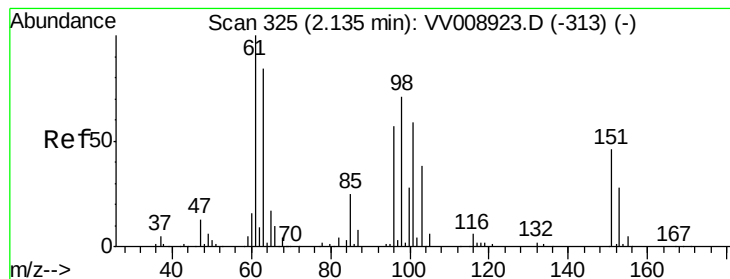
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.921 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

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Acq: 14 Dec 2018 13:30

Instrument :

MSVOA_V

ClientSampleId :

COL47

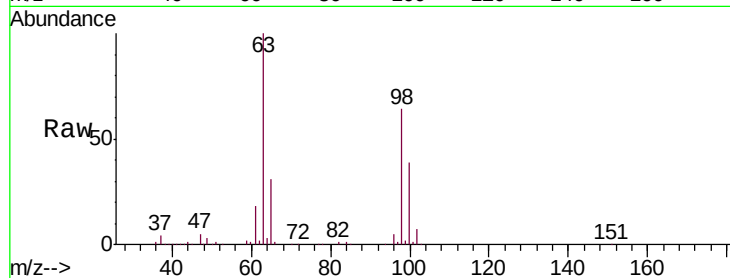
Tgt Ion: 101 Resp: 1300

Ion Ratio Lower Upper

101 100

85 7.4 34.6 52.0#

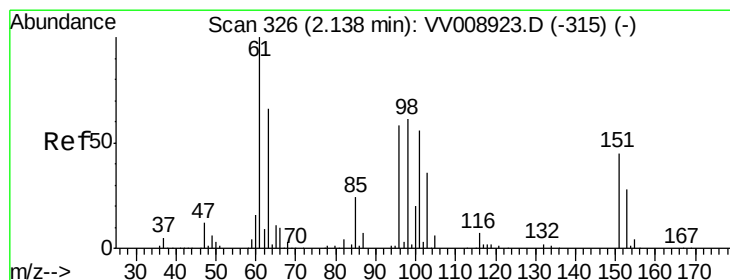
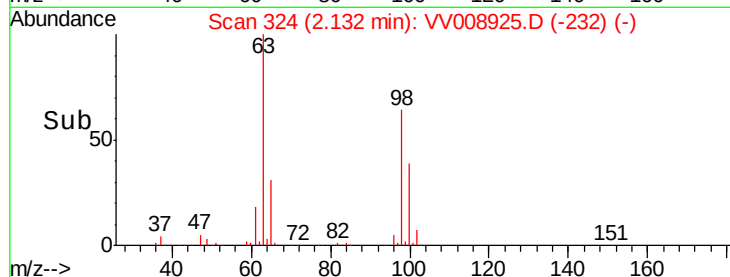
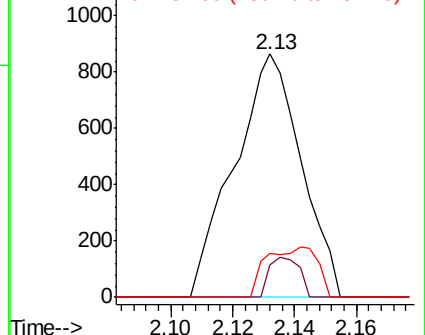
151 6.4 63.8 95.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 4.444 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV008925.D

Acq: 14 Dec 2018 13:30

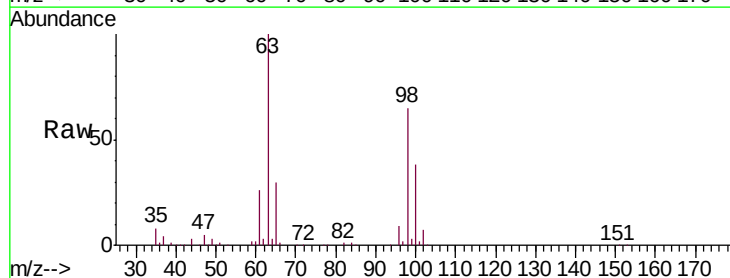
Tgt Ion: 96 Resp: 5704

Ion Ratio Lower Upper

96 100

61 275.2 119.1 221.3#

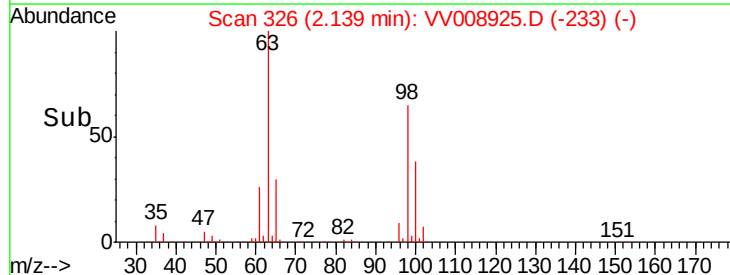
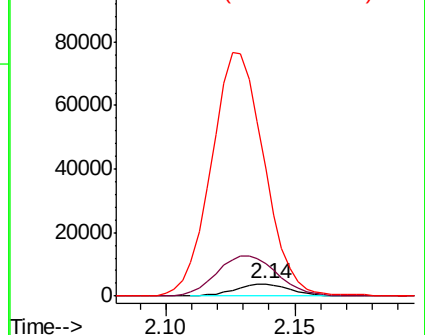
63 1058.5 96.0 178.2#

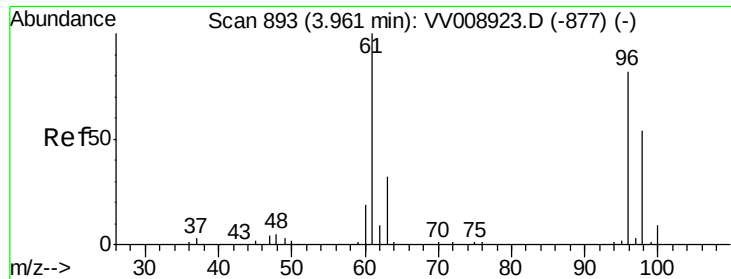


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#20

cis-1,2-Dichloroethene

Concen: 2.695 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.00 min

Lab File: VV008925.D

Acq: 14 Dec 2018 13:30

Instrument :

MSVOA_V

ClientSampled :

COL47

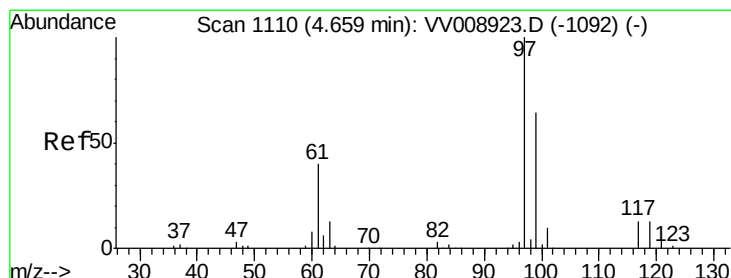
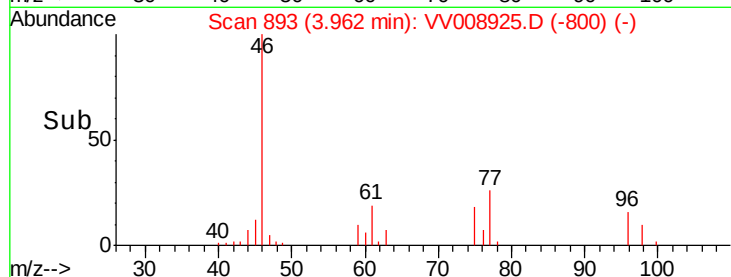
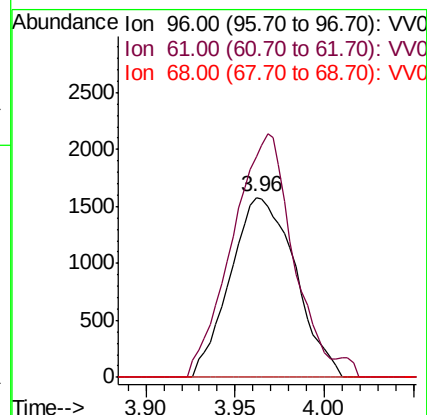
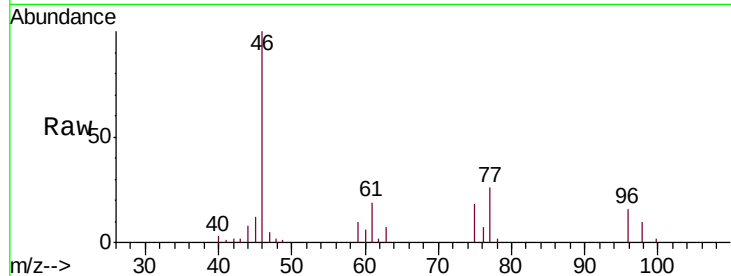
Tgt Ion: 96 Resp: 4016

Ion Ratio Lower Upper

96 100

61 122.9 81.9 152.1

68 0.0 0.0 0.0



#30

1,1,1-Trichloroethane

Concen: 0.359 ug/L

RT: 4.66 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VV008925.D

Acq: 14 Dec 2018 13:30

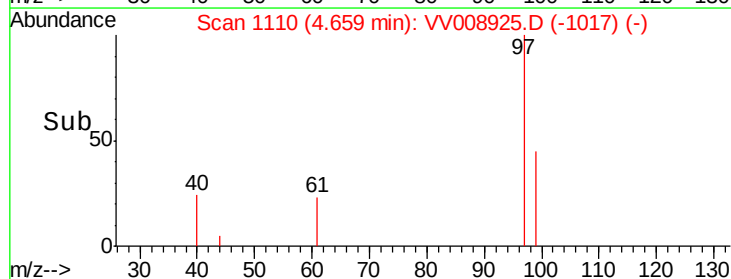
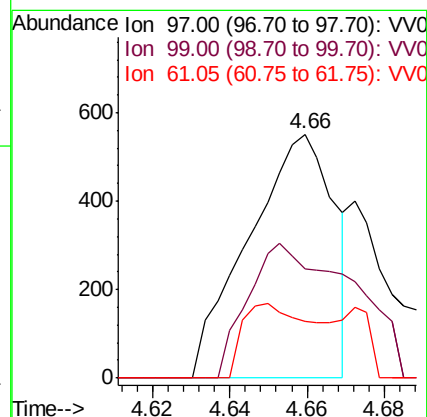
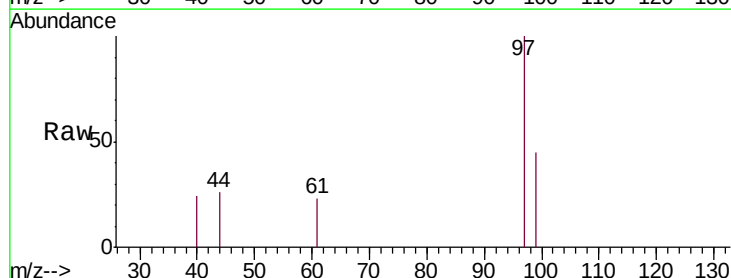
Tgt Ion: 97 Resp: 847

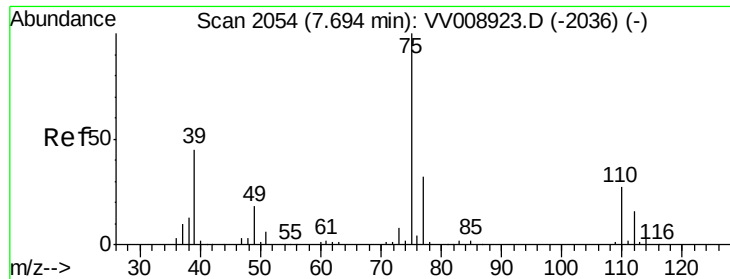
Ion Ratio Lower Upper

97 100

99 68.0 51.7 77.5

61 22.9 32.5 48.7#





#44

trans-1,3-Dichloropropene

Concen: 0.820 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV008925.D

Acq: 14 Dec 2018 13:30

Instrument :

MSVOA_V

ClientSampleId :

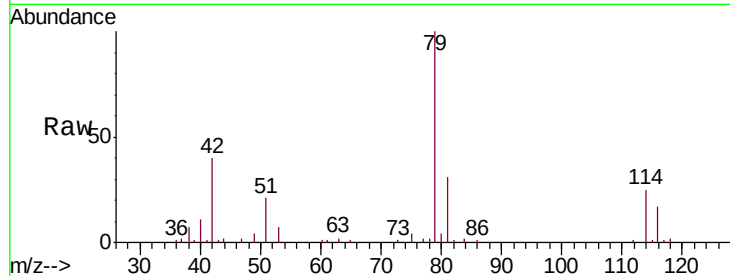
C0L47

Tgt Ion: 75 Resp: 1672

Ion Ratio Lower Upper

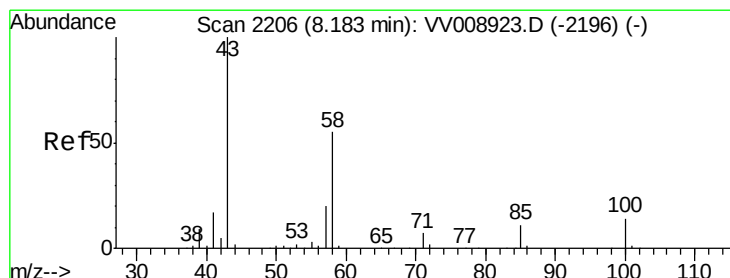
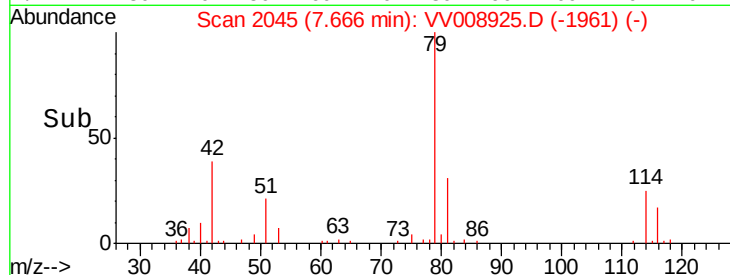
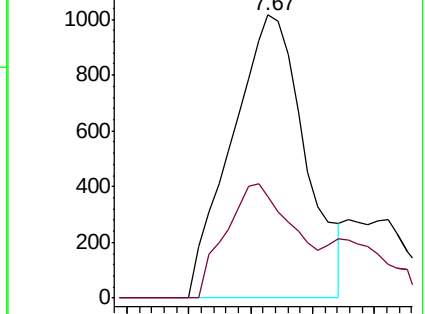
75 100

77 35.9 21.6 40.2



Abundance Ion 75.00 (74.70 to 75.70): VV008923.D (-2036) (-)

Ion 77.00 (76.70 to 77.70): VV008923.D (-2036) (-)



#48

2-Hexanone

Concen: 2.657 ug/L

RT: 8.18 min Scan# 2206

Delta R.T. 0.00 min

Lab File: VV008925.D

Acq: 14 Dec 2018 13:30

Tgt Ion: 43 Resp: 3506

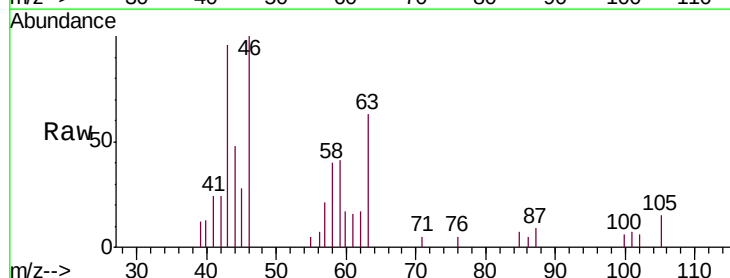
Ion Ratio Lower Upper

43 100

58 0.0 42.7 64.1#

57 20.2 15.7 23.5

100 5.2 11.3 16.9#

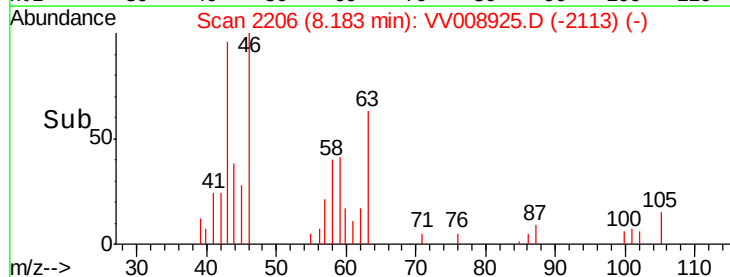
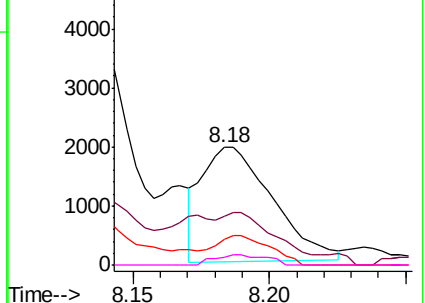


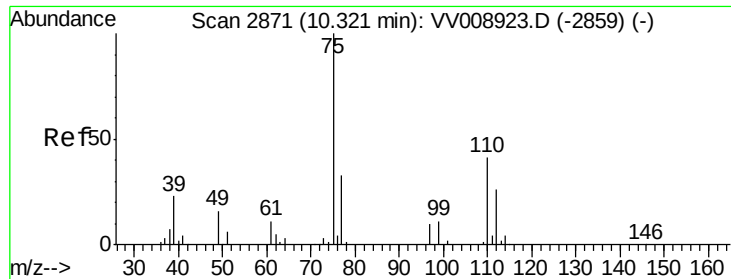
Abundance Ion 43.00 (42.70 to 43.70): VV008923.D (-2196) (-)

Ion 58.00 (57.70 to 58.70): VV008923.D (-2196) (-)

Ion 57.00 (56.70 to 57.70): VV008923.D (-2196) (-)

Ion 100.00 (99.70 to 100.70): VV008923.D (-2196) (-)





#59

1,2,3-Trichloropropane

Concen: 5.108 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV008925.D

Acq: 14 Dec 2018 13:30

Instrument :

MSVOA_V

ClientSampleId :

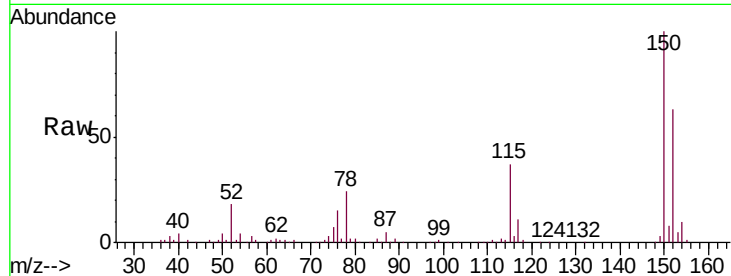
C0L47

Tgt Ion: 75 Resp: 8821

Ion Ratio Lower Upper

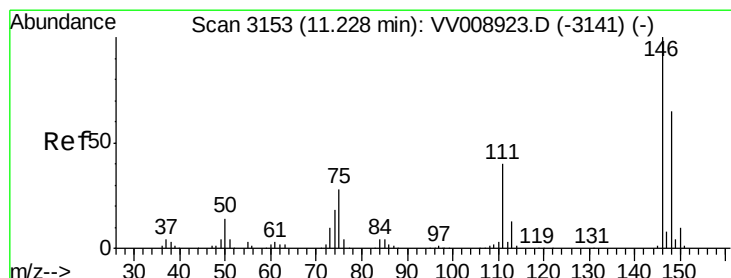
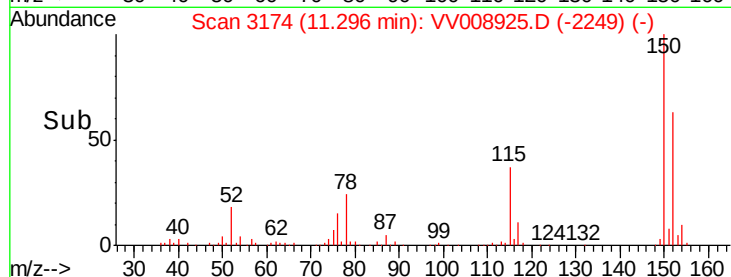
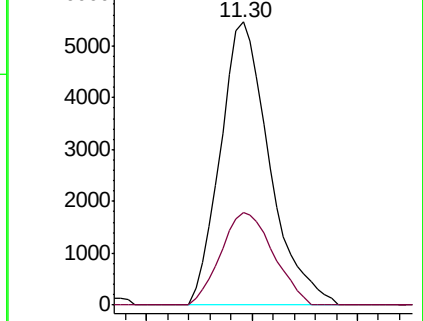
75 100

77 34.8 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV008923.D (-2859) (-)

Ion 77.00 (76.70 to 77.70): VV008923.D (-2859) (-)



#62

1,3-Dichlorobenzene

Concen: 0.386 ug/L

RT: 11.23 min Scan# 3153

Delta R.T. 0.00 min

Lab File: VV008925.D

Acq: 14 Dec 2018 13:30

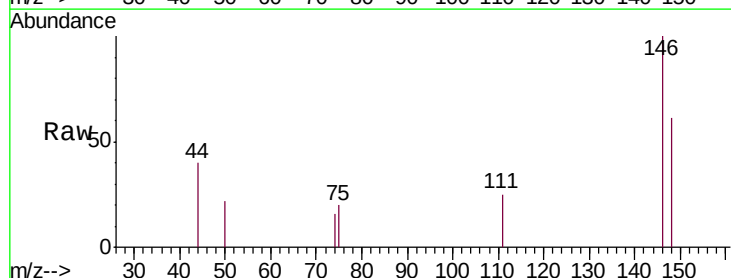
Tgt Ion: 146 Resp: 1016

Ion Ratio Lower Upper

146 100

111 25.3 28.3 52.7#

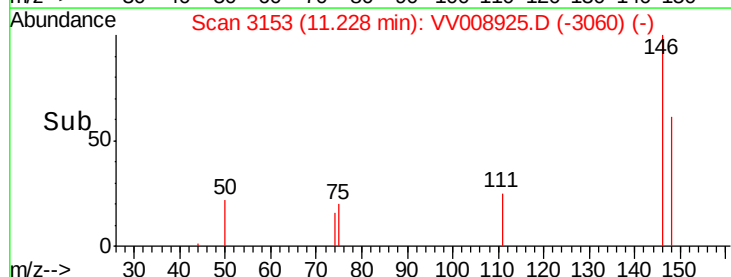
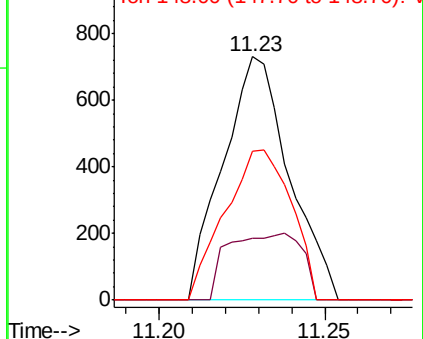
148 61.3 44.9 83.5

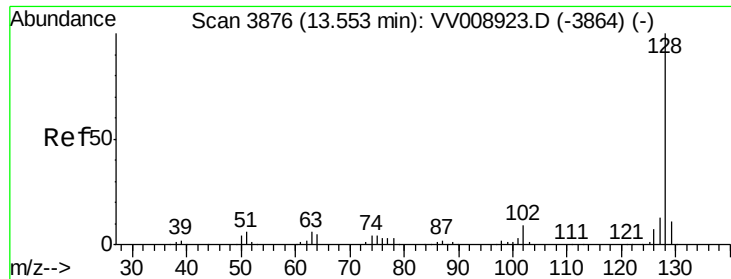


Abundance Ion 146.00 (145.70 to 146.70): VV008923.D (-3141) (-)

Ion 111.00 (110.70 to 111.70): VV008923.D (-3141) (-)

Ion 148.00 (147.70 to 148.70): VV008923.D (-3141) (-)





#69

Naphthalene

Concen: 0.465 ug/L

RT: 13.56 min Scan# 3879

Delta R.T. 0.01 min

Lab File: VV008925.D

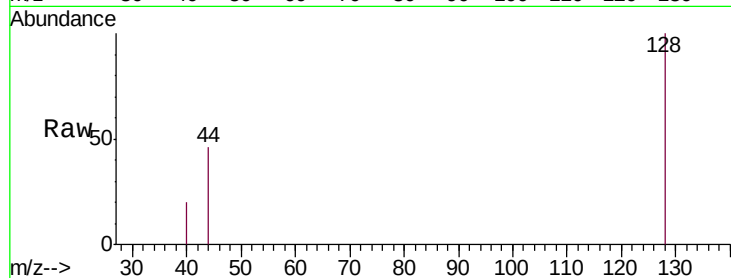
Acq: 14 Dec 2018 13:30

Instrument :

MSVOA_V

ClientSampleId :

COL47



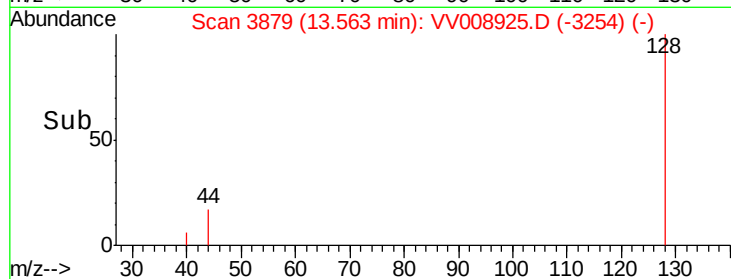
Tgt Ion:128 Resp: 1353

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

