

Data File : VV009737.D
Acq On : 16 Mar 2019 18:52
Operator : SY/MD
Sample : K1949-01
Misc : 5.65G/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0Y6

Quant Time: Mar 18 07:46:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 07:41:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	142994	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	140681	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	57488	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45350	47.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.08%
7) Chloroethane-d5	1.55	69	22275	31.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	62.64%#
11) 1,1-Dichloroethene-d2	2.10	63	76828	37.42	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.84%
21) 2-Butanone-d5	3.95	46	57636	100.36	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.36%
24) Chloroform-d	4.40	84	82342	46.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.98%
26) 1,2-Dichloroethane-d4	5.08	65	54112	50.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.68%
32) Benzene-d6	5.09	84	184678	50.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.48%
36) 1,2-Dichloropropane-d6	6.12	67	57059	50.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.96%
41) Toluene-d8	7.36	98	175250	49.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.08%
43) trans-1,3-Dichloropropene-	7.67	79	25832	48.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.62%
47) 2-Hexanone-d5	8.15	63	48144	105.69	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.69%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	81600	48.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.12%
64) 1,2-Dichlorobenzene-d4	11.68	152	60785	52.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.50%

Target Compounds

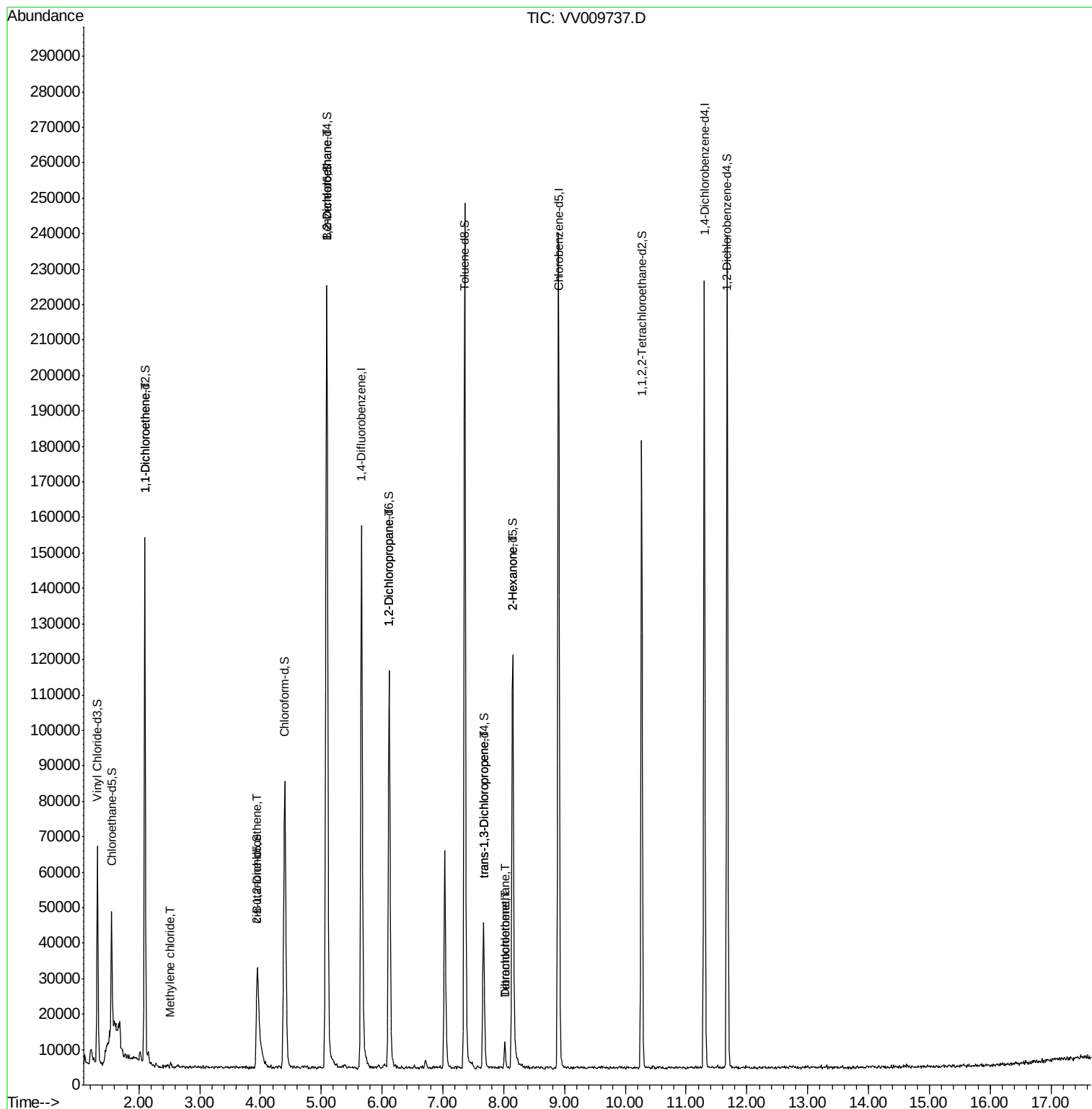
					Qvalue	
12) 1,1-Dichloroethene	2.10	96	709	0.832	ug/L #	1
16) Methylene chloride	2.52	84	447	0.451	ug/L	82
20) cis-1,2-Dichloroethene	3.96	96	744	0.712	ug/L	98
27) 1,2-Dichloroethane	5.10	62	753	0.573	ug/L #	74
37) 1,2-Dichloropropane	6.11	63	6296	6.430	ug/L #	86
44) trans-1,3-Dichloropropene	7.67	75	926	0.654	ug/L	88
46) Tetrachloroethene	8.02	164	1305	1.562	ug/L	87
48) 2-Hexanone	8.15	43	5825	6.086	ug/L #	66
49) Dibromochloromethane	8.02	129	714	0.657	ug/L #	10

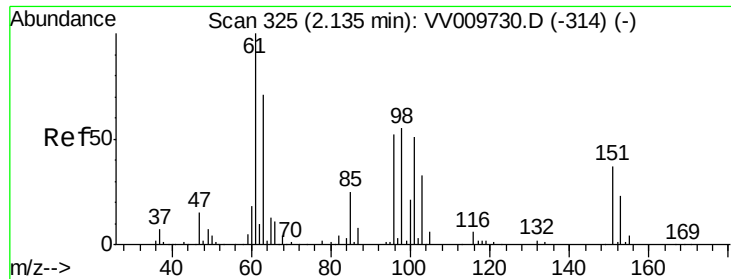
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.832 ug/L

RT: 2.10 min Scan# 313

Delta R.T. -0.04 min

Lab File: VV009737.D

Acq: 16 Mar 2019 18:52

Instrument :

MSVOA_V

ClientSampled :

BF0Y6

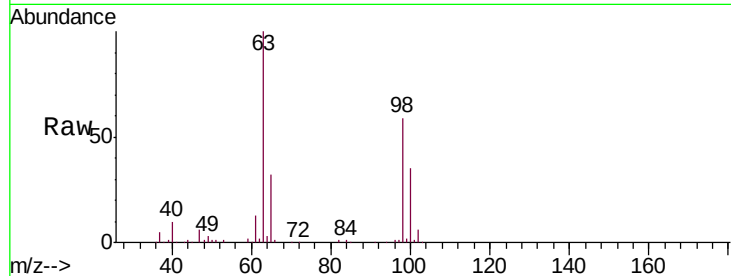
Tgt Ion: 96 Resp: 709

Ion Ratio Lower Upper

96 100

61 1421.8 135.5 251.7#

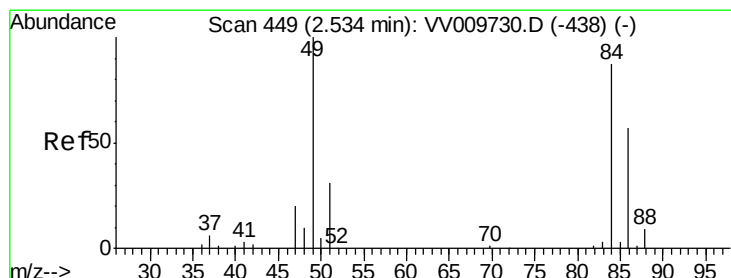
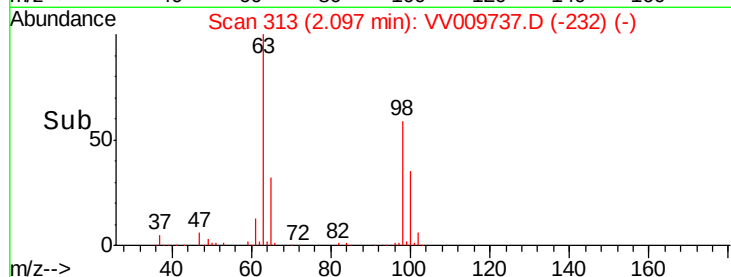
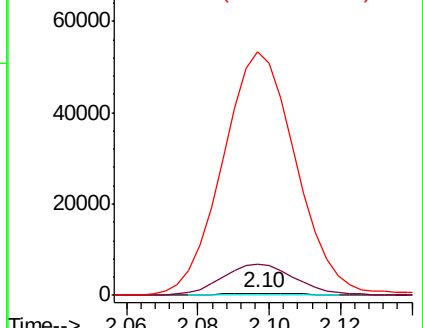
63 11154.8 100.2 186.2#



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



#16

Methylene chloride

Concen: 0.451 ug/L

RT: 2.52 min Scan# 446

Delta R.T. -0.01 min

Lab File: VV009737.D

Acq: 16 Mar 2019 18:52

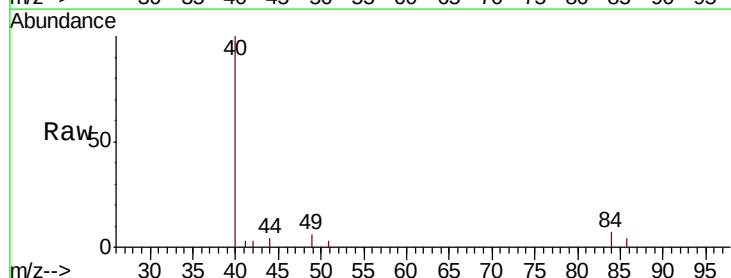
Tgt Ion: 84 Resp: 447

Ion Ratio Lower Upper

84 100

86 60.7 45.8 85.2

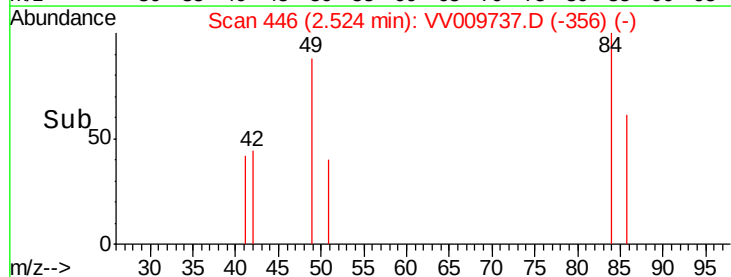
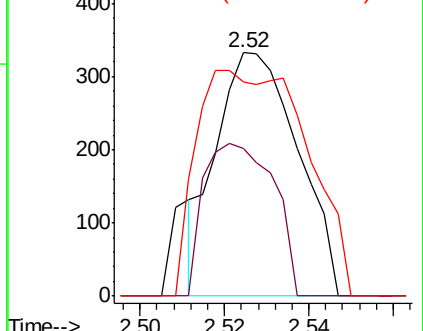
49 87.7 80.6 149.6

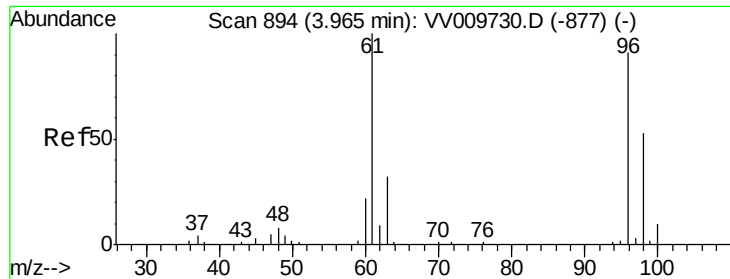


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

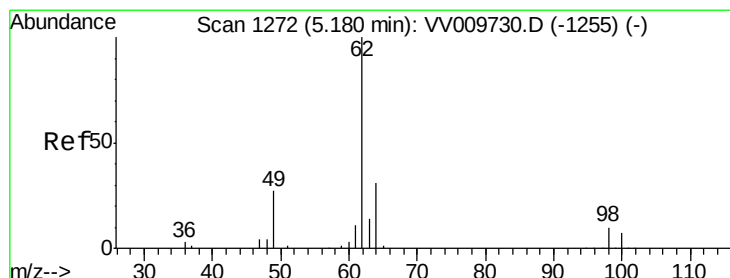
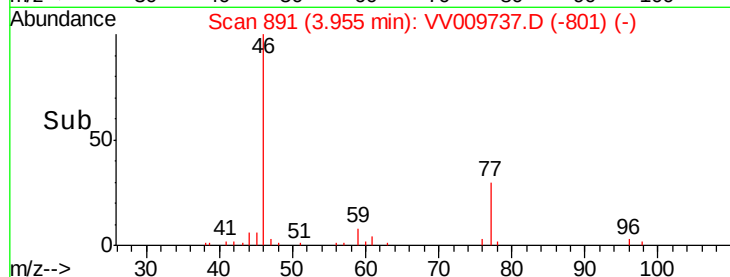
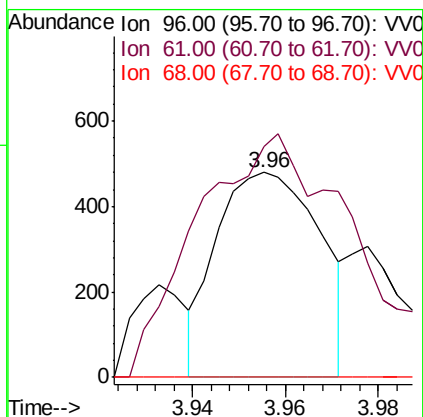
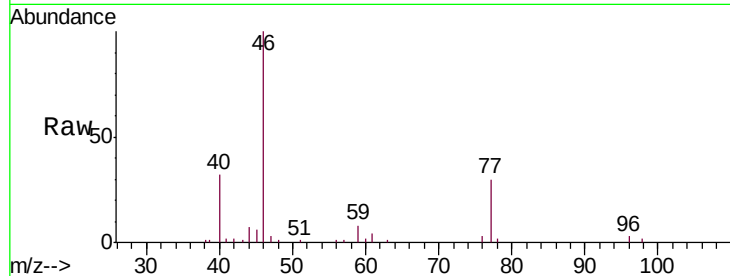




#20
 cis-1,2-Dichloroethene
 Concen: 0.712 ug/L
 RT: 3.96 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: VV009737.D
 Acq: 16 Mar 2019 18:52

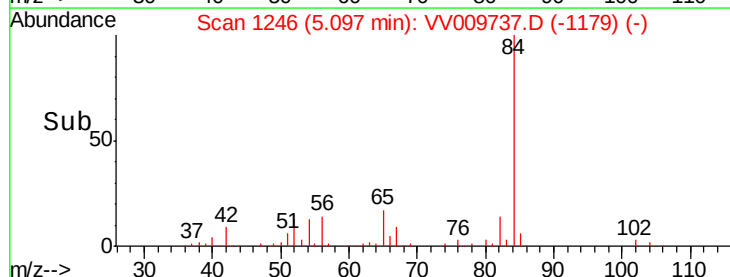
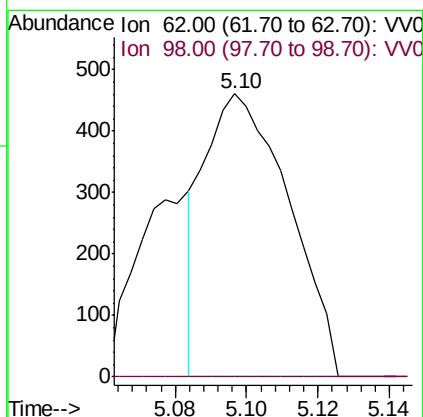
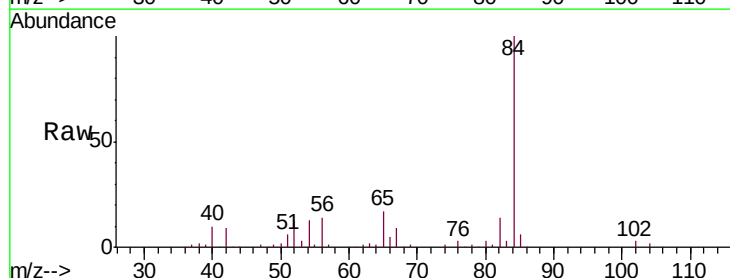
Instrument :
 MSVOA_V
 ClientSampleId :
 BF0Y6

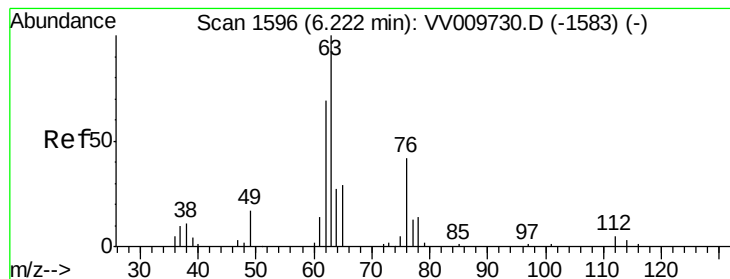
Tgt Ion: 96 Resp: 744
 Ion Ratio Lower Upper
 96 100
 61 112.5 77.5 143.9
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.573 ug/L
 RT: 5.10 min Scan# 1246
 Delta R.T. -0.08 min
 Lab File: VV009737.D
 Acq: 16 Mar 2019 18:52

Tgt Ion: 62 Resp: 753
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.8 11.6#





#37

1,2-Dichloropropane

Concen: 6.430 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.11 min

Lab File: VV009737.D

Acq: 16 Mar 2019 18:52

Instrument :

MSVOA_V

ClientSampleId :

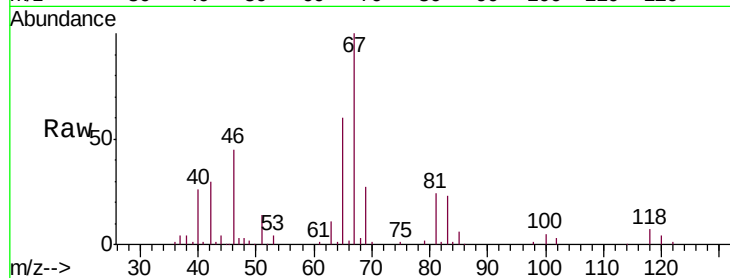
BF0Y6

Tgt Ion: 63 Resp: 6296

Ion Ratio Lower Upper

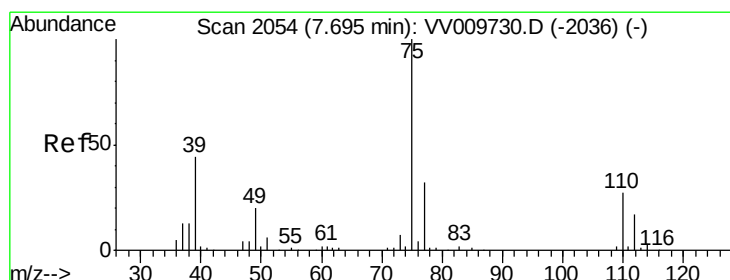
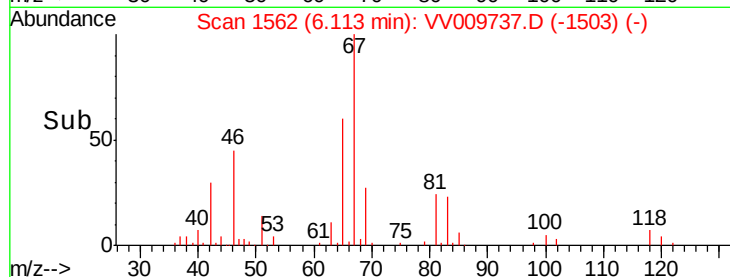
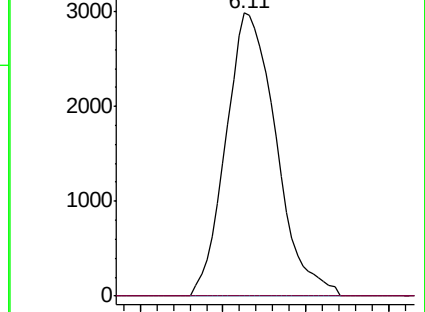
63 100

112 0.0 3.6 5.4#



Abundance Ion 63.00 (62.70 to 63.70): VV009737.D (-1503) (-)

Ion 112.00 (111.70 to 112.70): VV009737.D (-1503) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.654 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV009737.D

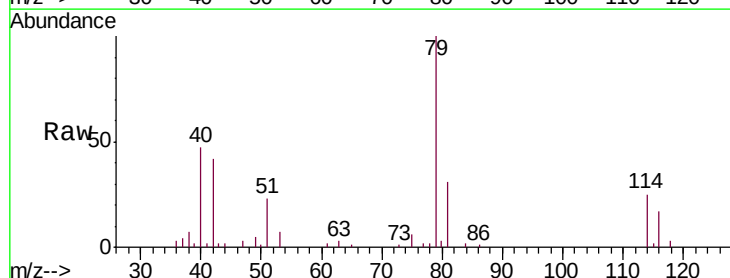
Acq: 16 Mar 2019 18:52

Tgt Ion: 75 Resp: 926

Ion Ratio Lower Upper

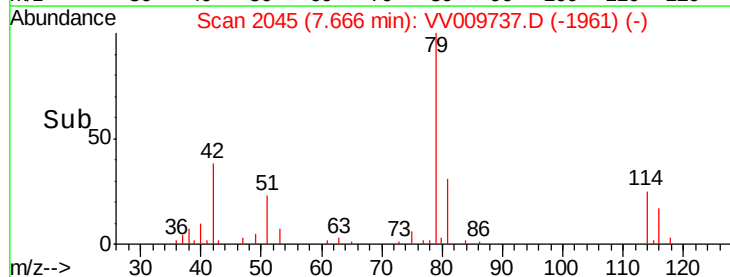
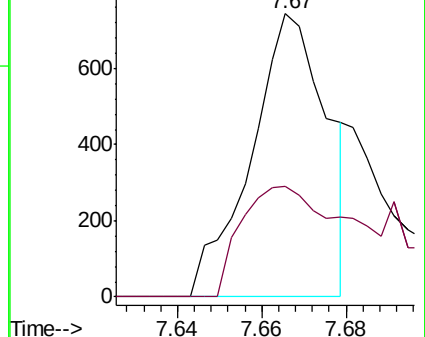
75 100

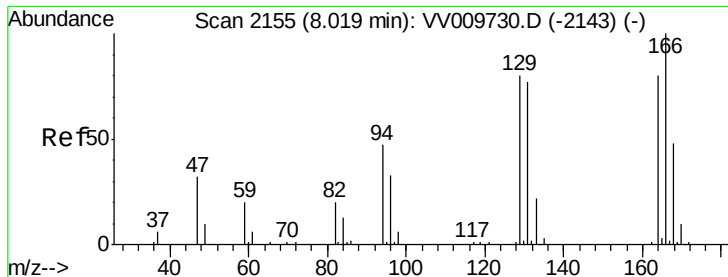
77 39.0 22.5 41.7



Abundance Ion 75.00 (74.70 to 75.70): VV009737.D (-1961) (-)

Ion 77.00 (76.70 to 77.70): VV009737.D (-1961) (-)





#46

Tetrachloroethene

Concen: 1.562 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV009737.D

Acq: 16 Mar 2019 18:52

Instrument :

MSVOA_V

ClientSampleId :

BF0Y6

Tgt Ion: 164 Resp: 1305

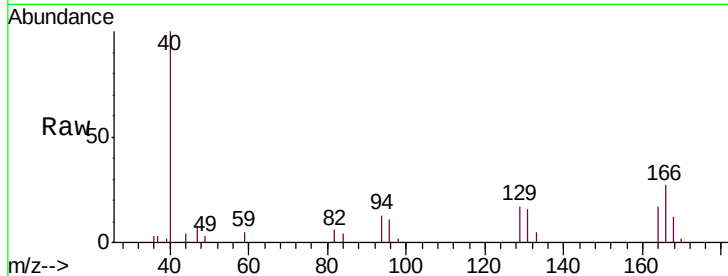
Ion Ratio Lower Upper

164 100

129 97.3 70.0 130.0

131 94.4 67.5 125.4

166 160.3 88.0 163.4

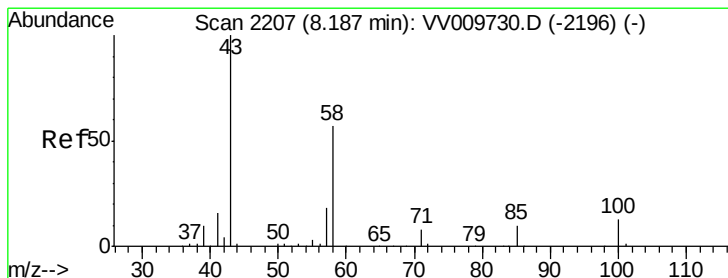
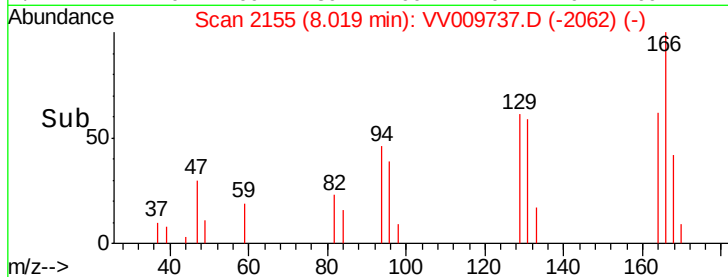
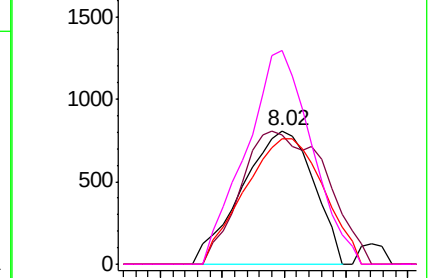


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 6.086 ug/L

RT: 8.15 min Scan# 2195

Delta R.T. -0.04 min

Lab File: VV009737.D

Acq: 16 Mar 2019 18:52

Tgt Ion: 43 Resp: 5825

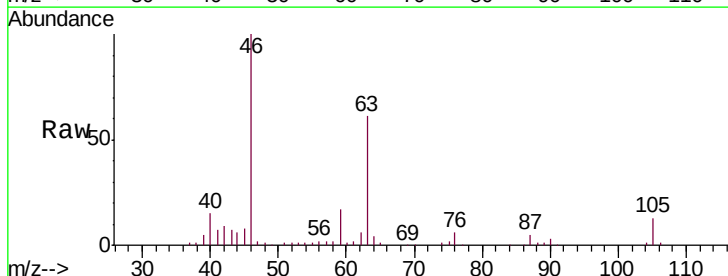
Ion Ratio Lower Upper

43 100

58 28.3 46.0 69.0#

57 26.2 14.8 22.2#

100 0.0 10.8 16.2#

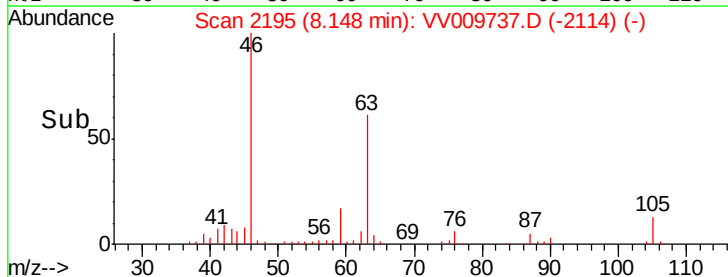
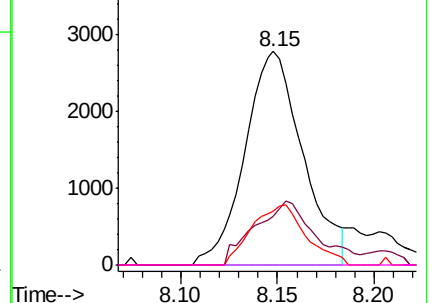


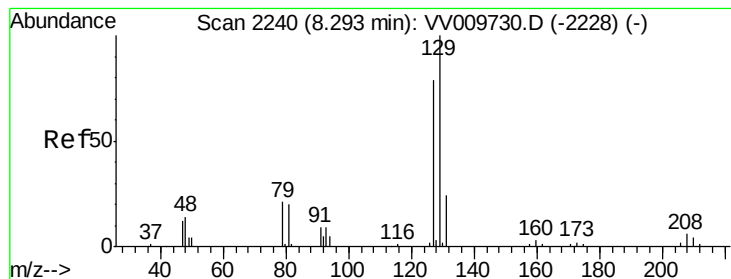
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#49
 Dibromochloromethane
 Concen: 0.657 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. -0.28 min
 Lab File: VV009737.D
 Acq: 16 Mar 2019 18:52

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0Y6

Tgt Ion:129 Resp: 714
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.2 102.4#

