

Data File : VV009705.D
Acq On : 15 Mar 2019 23:11
Operator : SY/MD
Sample : K1939-22
Misc : 5.44g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0Y5

Quant Time: Mar 16 02:39:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031219WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 16 02:32:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	167350	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	167871	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	74649	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34741	35.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.16%
7) Chloroethane-d5	1.55	69	22181	21.52	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	43.04%#
11) 1,1-Dichloroethene-d2	2.10	63	81190	31.07	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.14%
21) 2-Butanone-d5	3.95	46	68234	93.22	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.22%
24) Chloroform-d	4.40	84	90673	41.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.82%
26) 1,2-Dichloroethane-d4	5.08	65	62914	43.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.90%
32) Benzene-d6	5.09	84	189317	43.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.74%
36) 1,2-Dichloropropane-d6	6.12	67	58009	44.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.88%
41) Toluene-d8	7.36	98	175329	41.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.46%
43) trans-1,3-Dichloropropene-	7.67	79	26569	39.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.82%
47) 2-Hexanone-d5	8.14	63	57276	100.33	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.33%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	95284	45.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.90%
64) 1,2-Dichlorobenzene-d4	11.68	152	68660	43.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.20%

Target Compounds

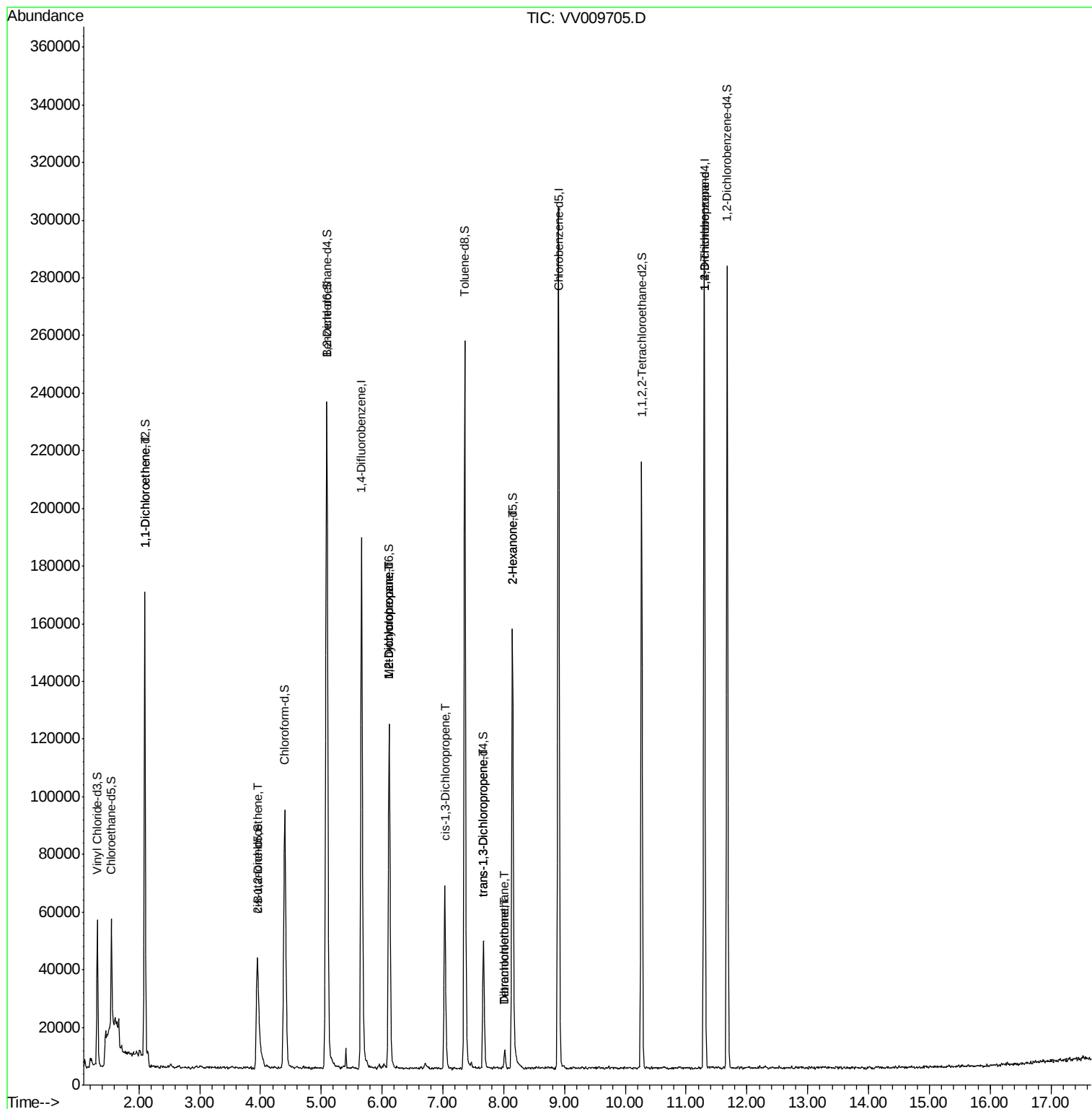
					Qvalue	
12) 1,1-Dichloroethene	2.10	96	721	0.665	ug/L #	1
20) cis-1,2-Dichloroethene	3.95	96	1402	1.219	ug/L	81
35) Methylcyclohexane	6.12	83	13938	7.662	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	7073	6.586	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	2037	1.190	ug/L #	83
44) trans-1,3-Dichloropropene	7.67	75	1508	0.938	ug/L	91
46) Tetrachloroethene	8.02	164	1343	1.519	ug/L	96
48) 2-Hexanone	8.14	43	7005	6.091	ug/L #	66
49) Dibromochloromethane	8.02	129	1296	1.051	ug/L #	11
59) 1,2,3-Trichloropropane	11.30	75	11032	7.577	ug/L	94

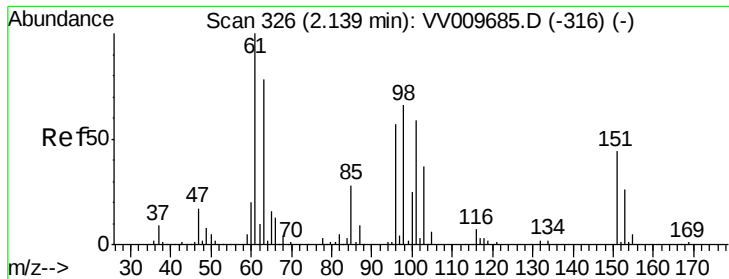
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Mar 16 02:32:06 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.665 ug/L

RT: 2.10 min Scan# 313

Delta R.T. -0.04 min

Lab File: VV009705.D

Acq: 15 Mar 2019 23:11

Instrument :

MSVOA_V

ClientSampleId :

BF0Y5

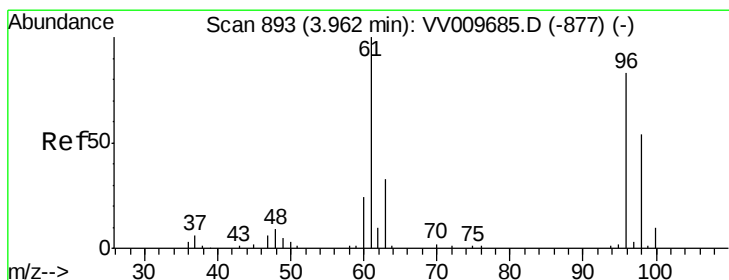
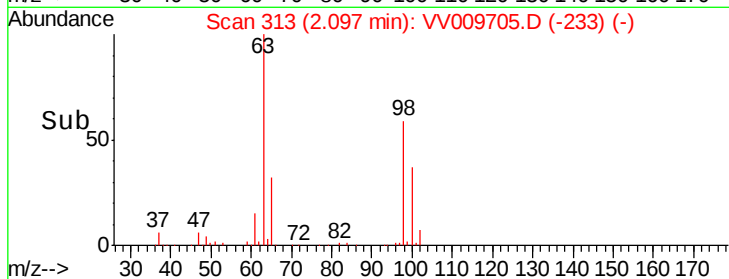
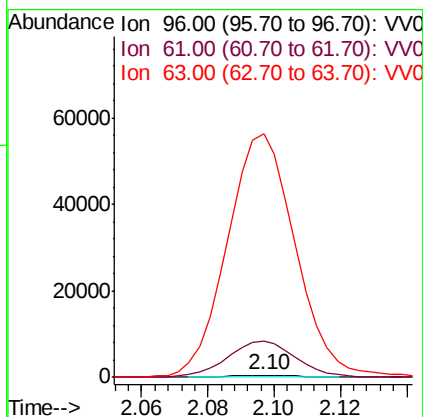
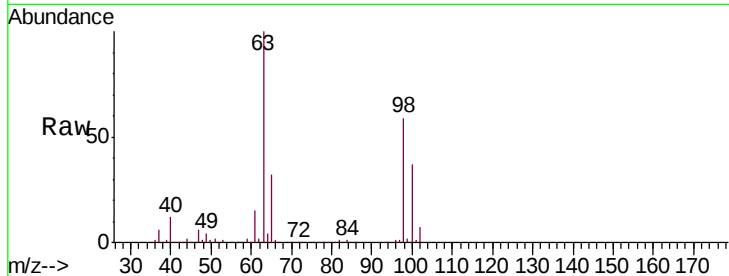
Tgt Ion: 96 Resp: 721

Ion Ratio Lower Upper

96 100

61 1752.6 122.1 226.7#

63 11672.0 107.6 199.8#



#20

cis-1,2-Dichloroethene

Concen: 1.219 ug/L

RT: 3.95 min Scan# 890

Delta R.T. -0.01 min

Lab File: VV009705.D

Acq: 15 Mar 2019 23:11

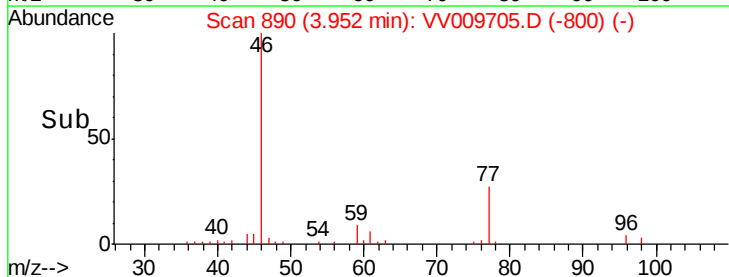
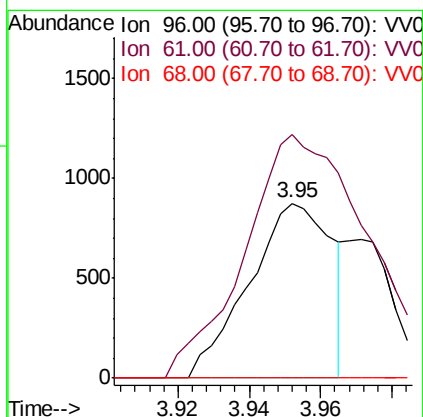
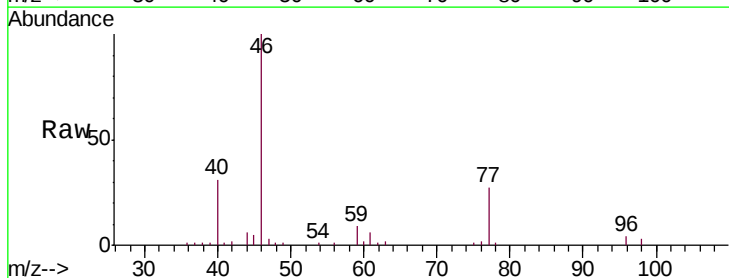
Tgt Ion: 96 Resp: 1402

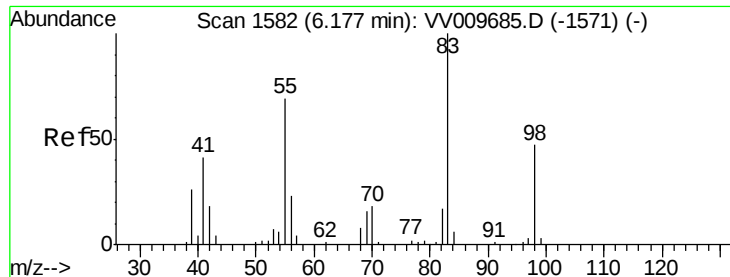
Ion Ratio Lower Upper

96 100

61 139.1 82.4 153.0

68 0.0 0.0 0.0

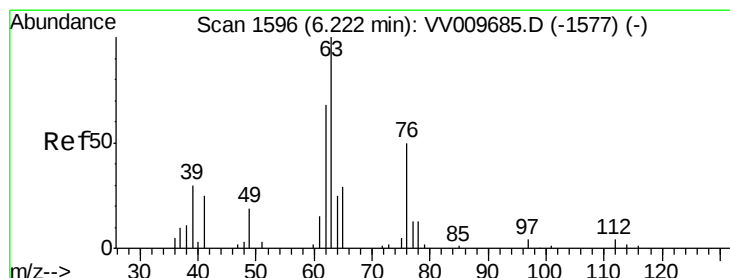
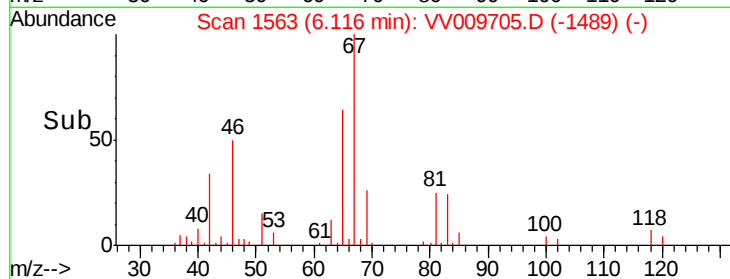
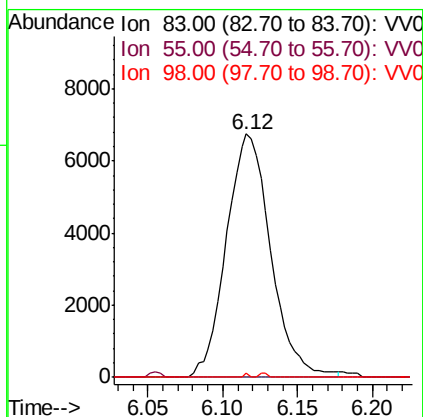
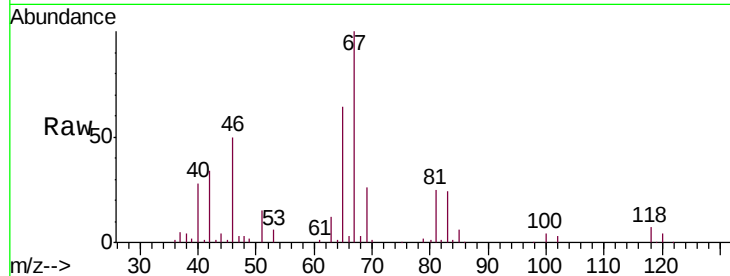




#35
Methylcyclohexane
Concen: 7.662 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV009705.D
Acq: 15 Mar 2019 23:11

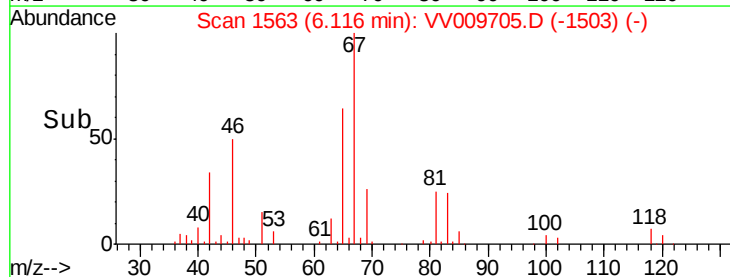
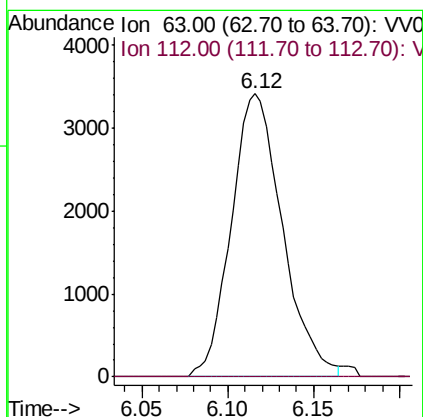
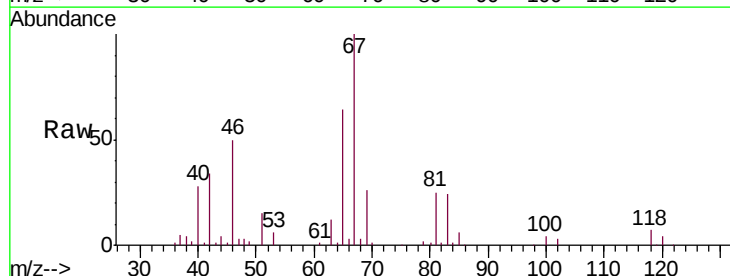
Instrument :
MSVOA_V
ClientSampleId :
BF0Y5

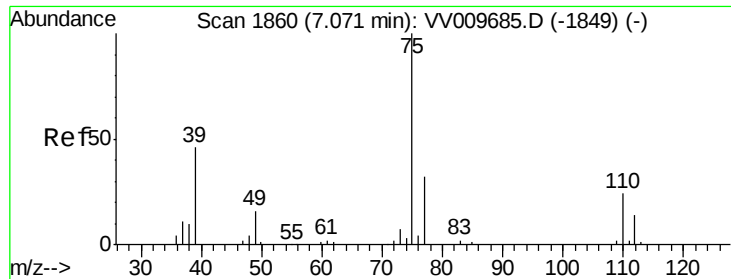
Tgt Ion: 83 Resp: 13938
Ion Ratio Lower Upper
83 100
55 0.5 57.9 86.9#
98 0.3 39.2 58.8#



#37
1,2-Dichloropropane
Concen: 6.586 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.11 min
Lab File: VV009705.D
Acq: 15 Mar 2019 23:11

Tgt Ion: 63 Resp: 7073
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

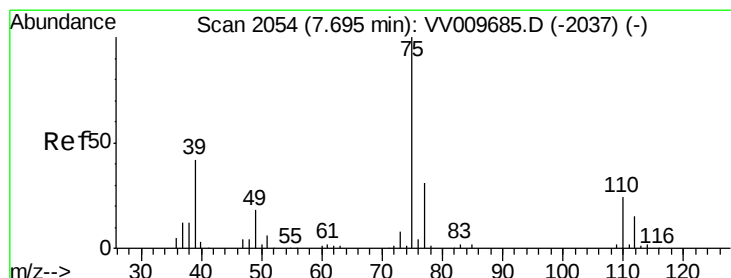
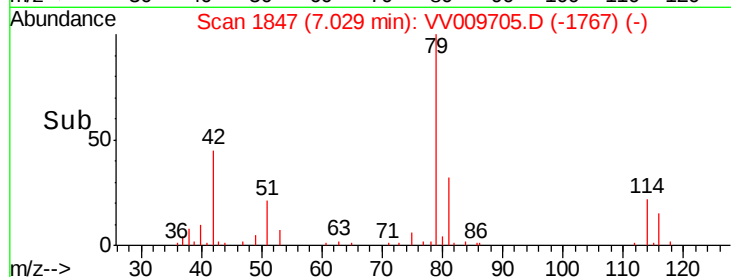
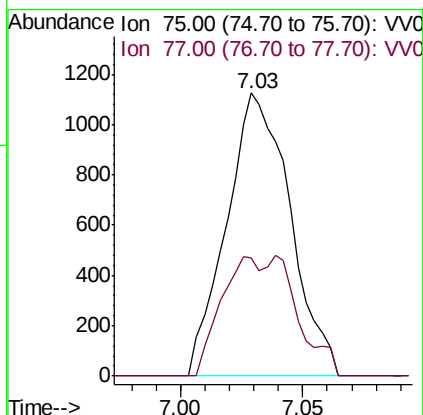
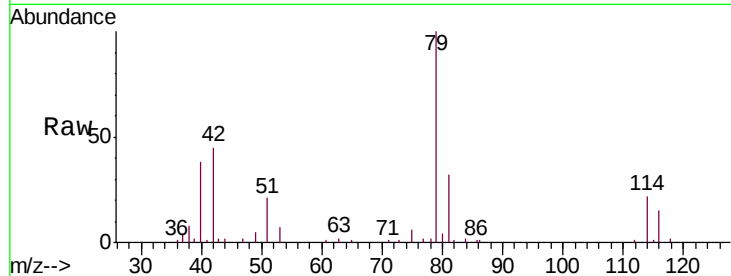




#39
 cis-1,3-Dichloropropene
 Concen: 1.190 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV009705.D
 Acq: 15 Mar 2019 23:11

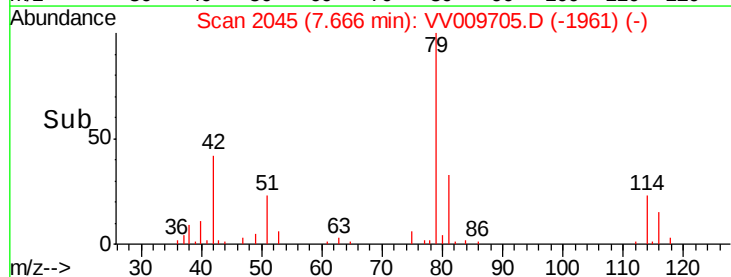
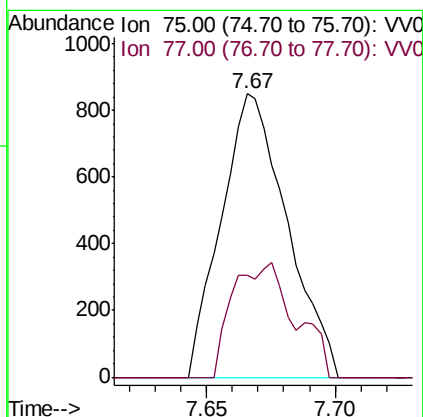
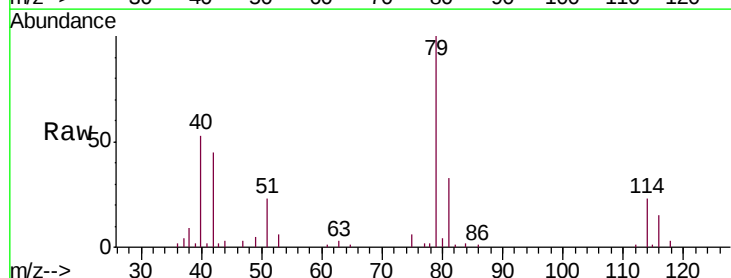
Instrument :
 MSVOA_V
 ClientSampleId :
 BF0Y5

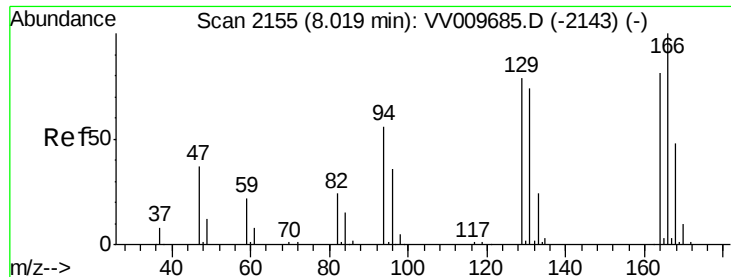
Tgt Ion: 75 Resp: 2037
 Ion Ratio Lower Upper
 75 100
 77 41.6 22.3 41.5#



#44
 trans-1,3-Dichloropropene
 Concen: 0.938 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV009705.D
 Acq: 15 Mar 2019 23:11

Tgt Ion: 75 Resp: 1508
 Ion Ratio Lower Upper
 75 100
 77 35.9 21.6 40.2





#46

Tetrachloroethene

Concen: 1.519 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV009705.D

Acq: 15 Mar 2019 23:11

Instrument :
MSVOA_V
ClientSampleId :
BF0Y5

Tgt Ion: 164 Resp: 1343

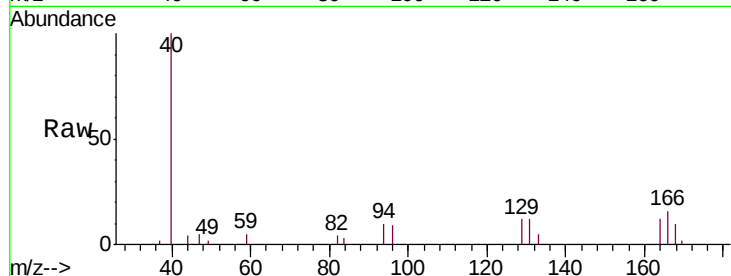
Ion Ratio Lower Upper

164 100

129 98.0 70.8 131.6

131 93.8 68.3 126.9

166 133.3 89.5 166.3

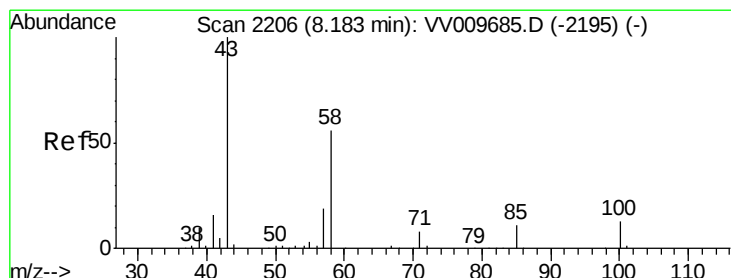
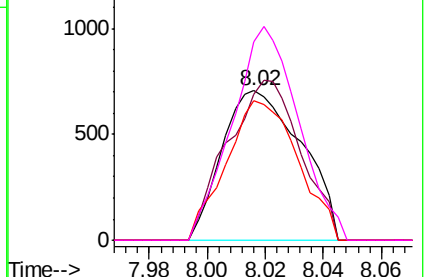
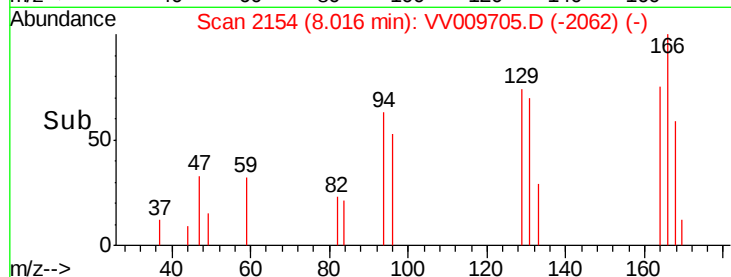


Abundance Ion 164.00 (163.70 to 164.70): V

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: 6.091 ug/L

RT: 8.14 min Scan# 2194

Delta R.T. -0.04 min

Lab File: VV009705.D

Acq: 15 Mar 2019 23:11

Tgt Ion: 43 Resp: 7005

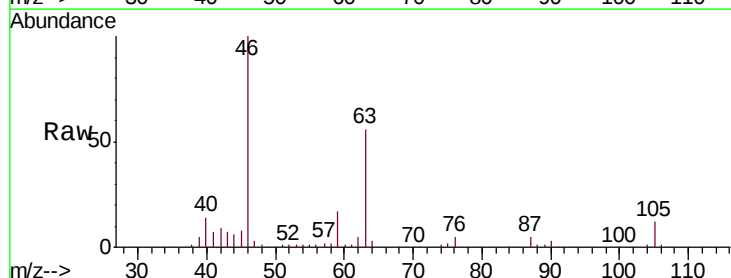
Ion Ratio Lower Upper

43 100

58 27.1 45.8 68.8#

57 24.7 14.5 21.7#

100 0.6 9.8 14.8#

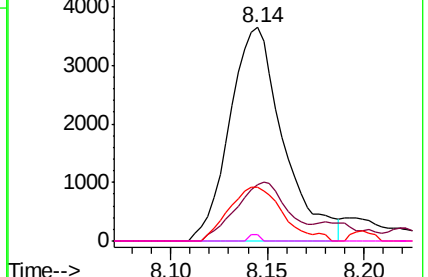
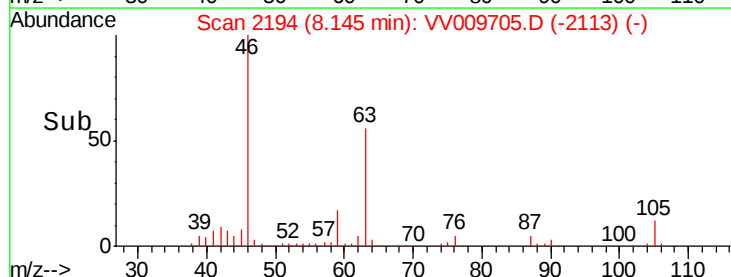


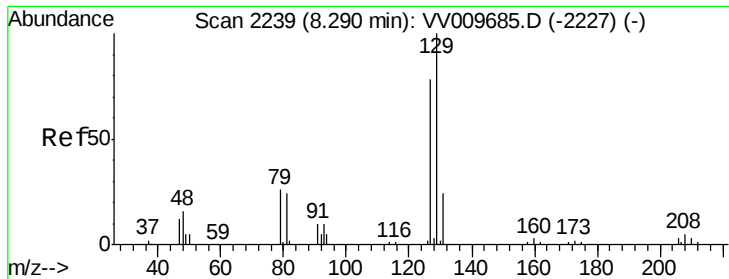
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 1.051 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV009705.D

Acq: 15 Mar 2019 23:11

Instrument :

MSVOA_V

ClientSampled :

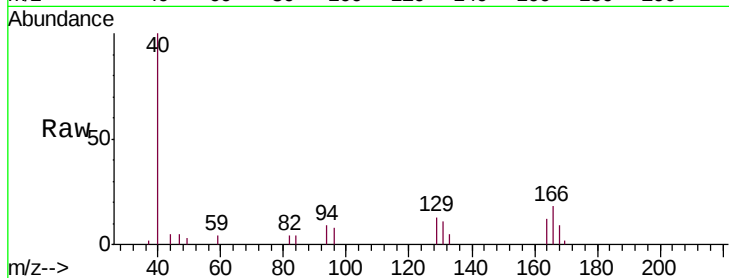
BF0Y5

Tgt Ion:129 Resp: 1296

Ion Ratio Lower Upper

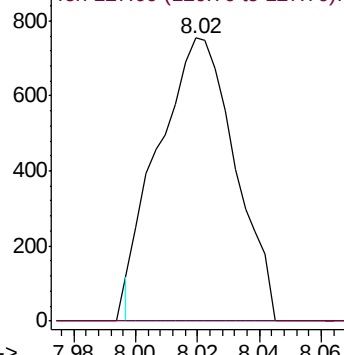
129 100

127 0.0 53.3 99.1#

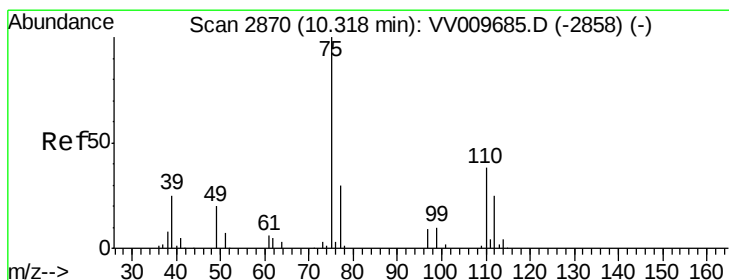
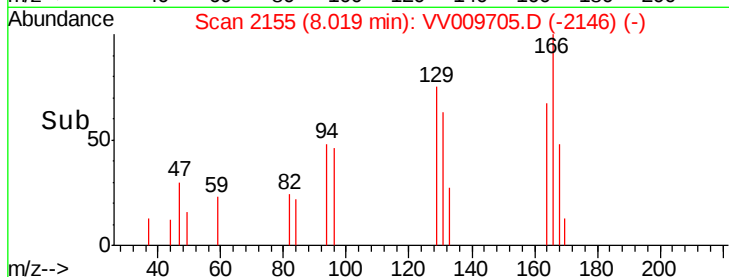


Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



Time-->



#59

1,2,3-Trichloropropane

Concen: 7.577 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV009705.D

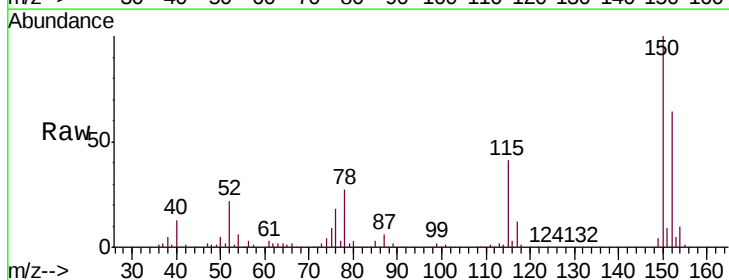
Acq: 15 Mar 2019 23:11

Tgt Ion: 75 Resp: 11032

Ion Ratio Lower Upper

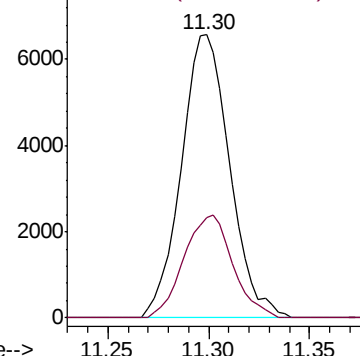
75 100

77 36.6 26.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



Time-->

