

Data File : VV009739.D

Acq On : 16 Mar 2019 19:40

Operator : SY/MD

Sample : K1949-07

Misc : 5.84G/5.0mL/100uL/5.0mL/MSVOA_V/MEOH

ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0Y8

Quant Time: Mar 18 07:46:23 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	148550	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	145131	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	62413	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	46433	46.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.72%
7) Chloroethane-d5	1.55	69	22228	30.08	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	60.16%#
11) 1,1-Dichloroethene-d2	2.09	63	79161	37.11	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.22%
21) 2-Butanone-d5	3.95	46	58370	97.84	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.84%
24) Chloroform-d	4.40	84	85954	46.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.42%
26) 1,2-Dichloroethane-d4	5.08	65	54876	49.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.28%
32) Benzene-d6	5.09	84	187848	49.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.06%
36) 1,2-Dichloropropane-d6	6.12	67	57173	49.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.04%
41) Toluene-d8	7.36	98	176601	48.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	7.67	79	24976	45.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.48%
47) 2-Hexanone-d5	8.15	63	50014	106.43	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.43%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	82713	47.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.44%
64) 1,2-Dichlorobenzene-d4	11.68	152	62732	49.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.34%

Target Compounds

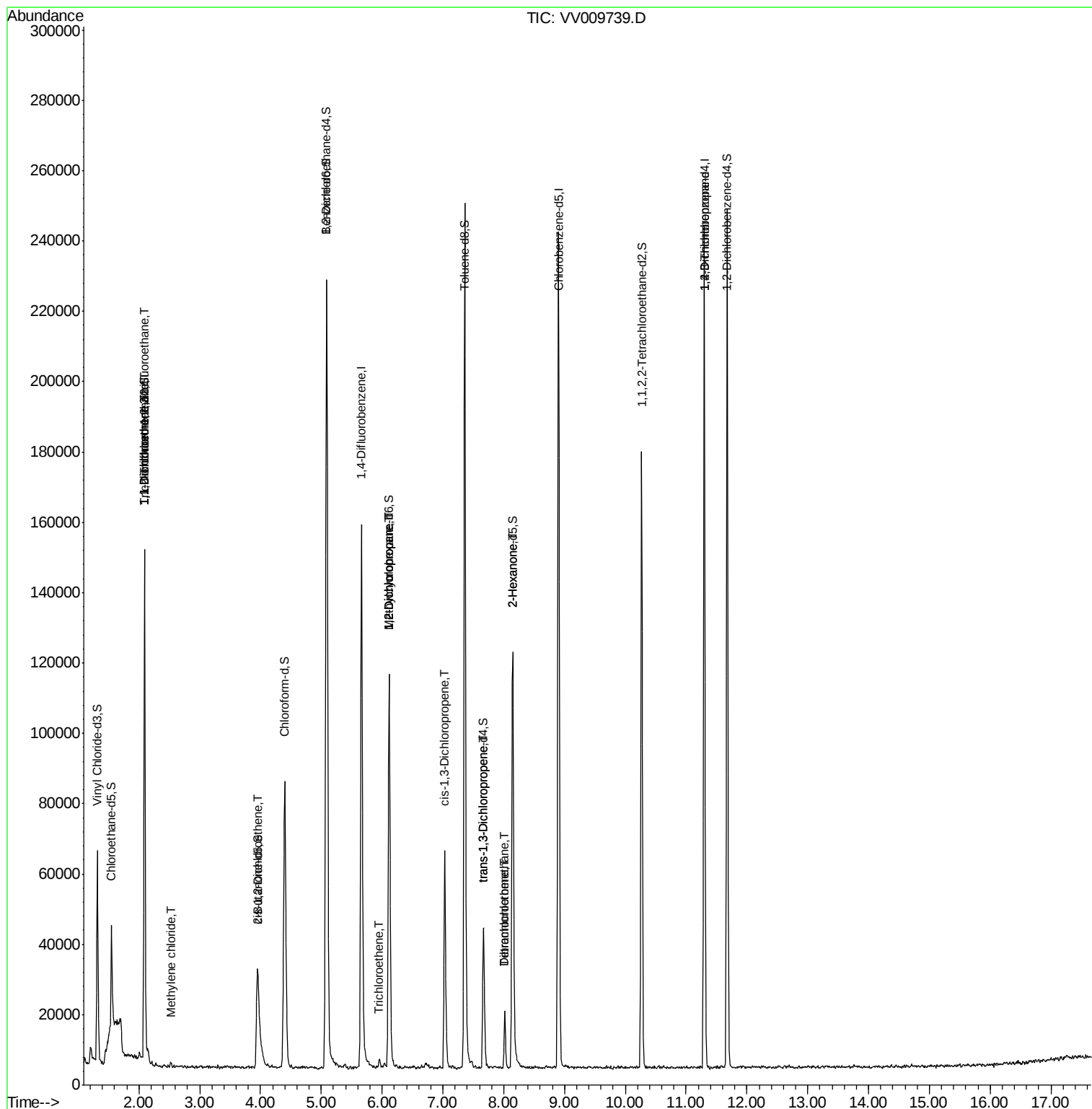
						Qvalue
9) Trichlorofluoromethane	2.09	101	789	0.427	ug/L #	17
10) 1,1,2-Trichloro-1,2,2-trif	2.09	101	789	0.772	ug/L #	19
12) 1,1-Dichloroethene	2.09	96	723	0.816	ug/L #	1
16) Methylene chloride	2.52	84	485	0.471	ug/L #	68
20) cis-1,2-Dichloroethene	3.96	96	1055	0.971	ug/L #	69
34) Trichloroethene	5.96	95	956	0.926	ug/L	93
35) Methylcyclohexane	6.12	83	13569	7.986	ug/L #	22
37) 1,2-Dichloropropane	6.12	63	6311	6.247	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	1970	1.277	ug/L #	69
44) trans-1,3-Dichloropropene	7.66	75	665	0.455	ug/L #	83
46) Tetrachloroethene	8.02	164	3118	3.618	ug/L	96
48) 2-Hexanone	8.14	43	5830	5.905	ug/L #	66
49) Dibromochloromethane	8.02	129	3239	2.890	ug/L #	10
59) 1,2,3-Trichloropropane	11.30	75	7398	5.566	ug/L #	83

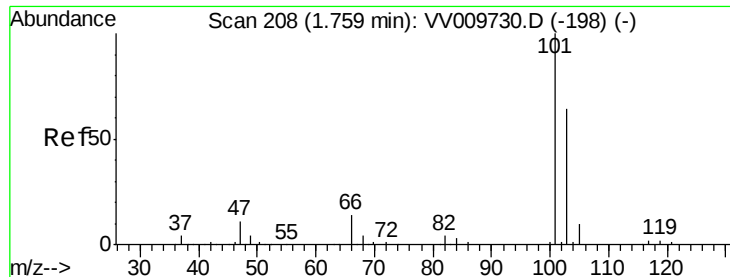
(#)=qualifier out of range (m)=manual integration (+)=signals summed

Data File : VV009739.D
Acq On : 16 Mar 2019 19:40
Operator : SY/MD
Sample : K1949-07
Misc : 5.84G/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0Y8

Quant Time: Mar 18 07:46:23 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



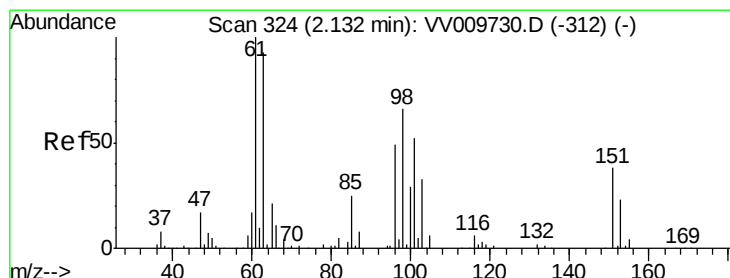
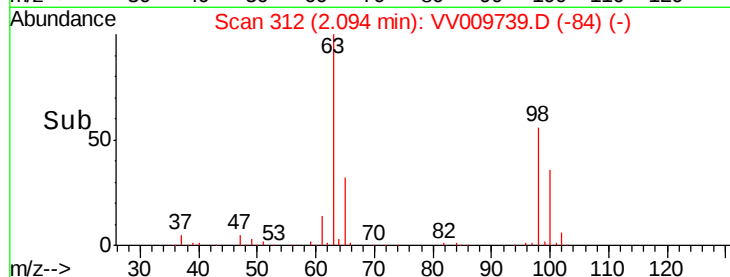
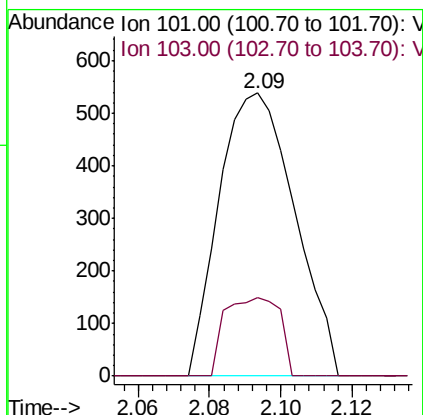
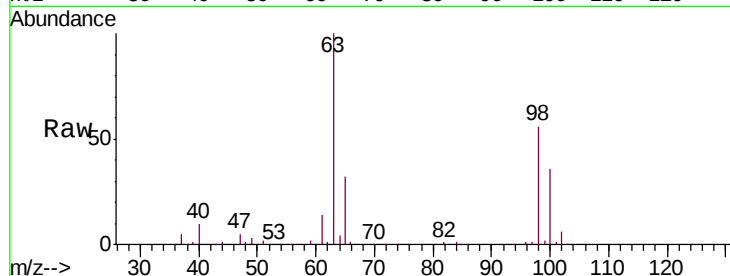


#9

Trichlorofluoromethane
 Concen: 0.427 ug/L
 RT: 2.09 min Scan# 312
 Delta R.T. 0.33 min
 Lab File: VV009739.D
 Acq: 16 Mar 2019 19:40

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0Y8

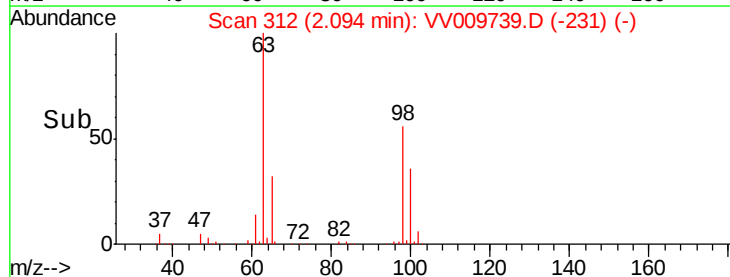
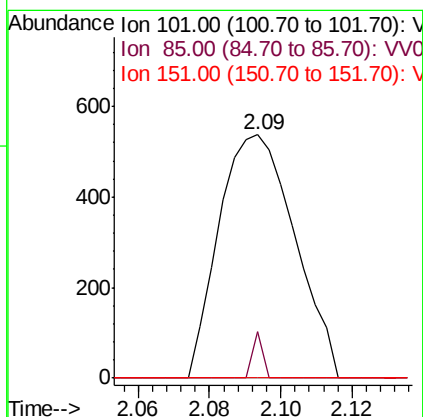
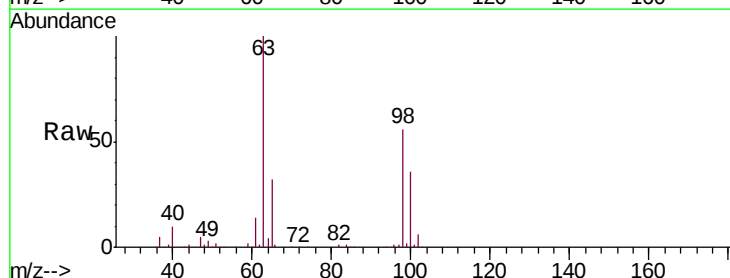
Tgt Ion:101 Resp: 789
 Ion Ratio Lower Upper
 101 100
 103 0.0 52.3 78.5#

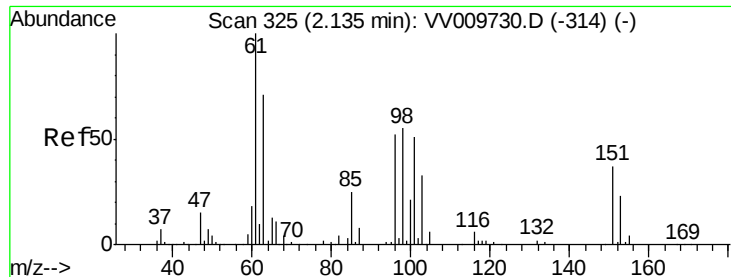


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.772 ug/L
 RT: 2.09 min Scan# 312
 Delta R.T. -0.04 min
 Lab File: VV009739.D
 Acq: 16 Mar 2019 19:40

Tgt Ion:101 Resp: 789
 Ion Ratio Lower Upper
 101 100
 85 0.0 38.5 57.7#
 151 0.0 58.9 88.3#

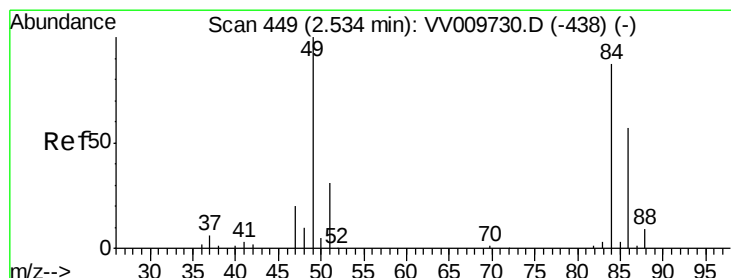
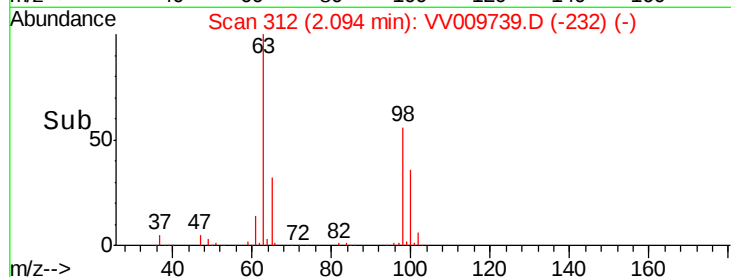
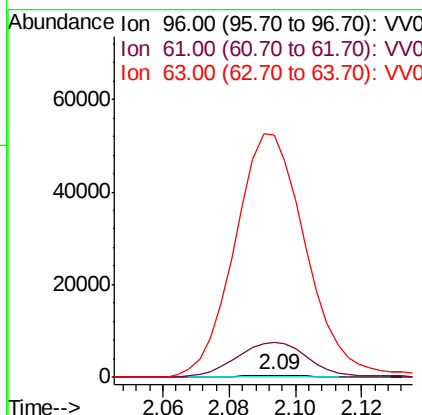
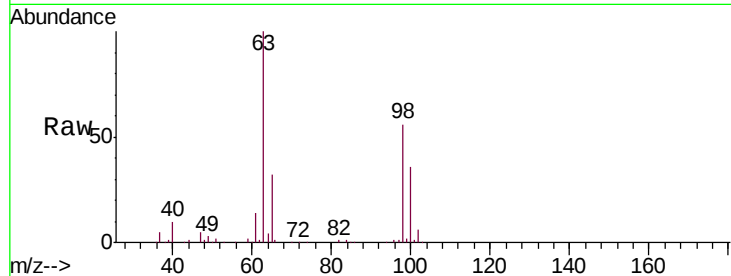




#12
 1,1-Dichloroethene
 Concen: 0.816 ug/L
 RT: 2.09 min Scan# 312
 Delta R.T. -0.04 min
 Lab File: VV009739.D
 Acq: 16 Mar 2019 19:40

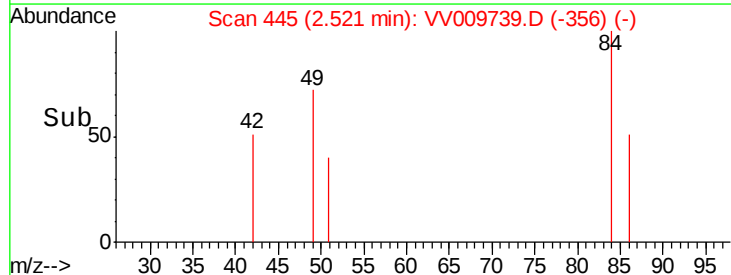
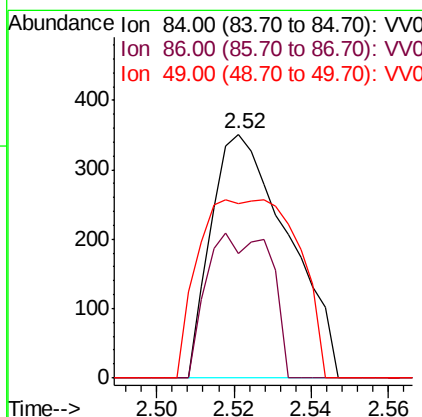
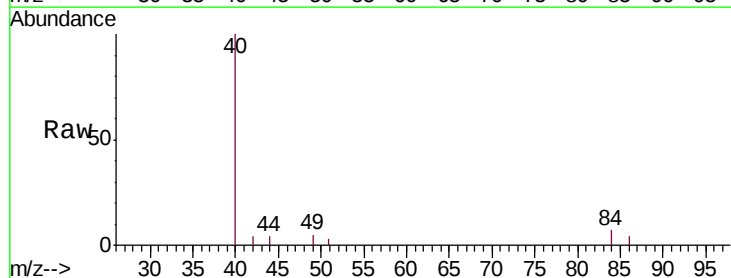
Instrument :
 MSVOA_V
 ClientSampleId :
 BF0Y8

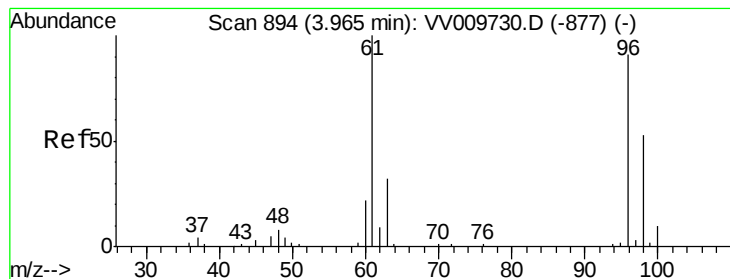
Tgt Ion: 96 Resp: 723
 Ion Ratio Lower Upper
 96 100
 61 1549.6 135.5 251.7#
 63 10724.6 100.2 186.2#



#16
 Methylene chloride
 Concen: 0.471 ug/L
 RT: 2.52 min Scan# 445
 Delta R.T. -0.01 min
 Lab File: VV009739.D
 Acq: 16 Mar 2019 19:40

Tgt Ion: 84 Resp: 485
 Ion Ratio Lower Upper
 84 100
 86 51.0 45.8 85.2
 49 71.5 80.6 149.6#



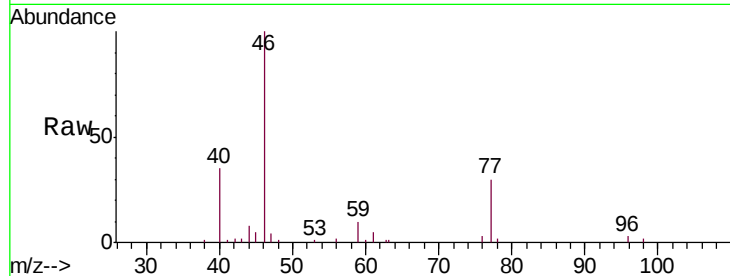


#20

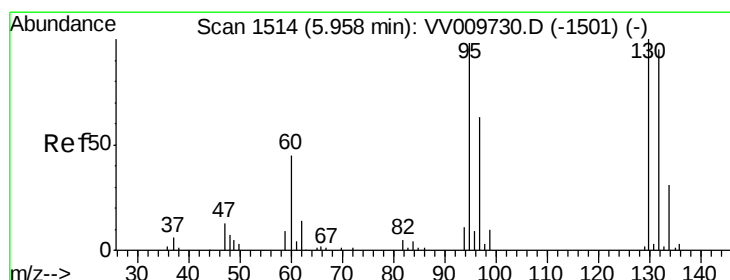
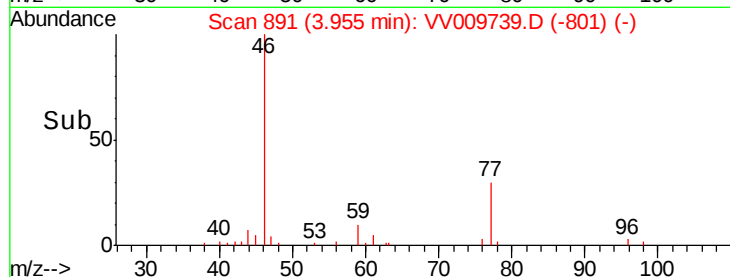
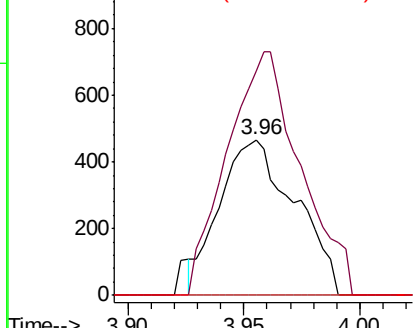
cis-1,2-Dichloroethene
Concen: 0.971 ug/L
RT: 3.96 min Scan# 891
Delta R.T. -0.01 min
Lab File: VV009739.D
Acq: 16 Mar 2019 19:40

Instrument :
MSVOA_V
ClientSampleId :
BF0Y8

Tgt Ion: 96 Resp: 1055
Ion Ratio Lower Upper
96 100
61 144.0 77.5 143.9#
68 0.0 0.0 0.0



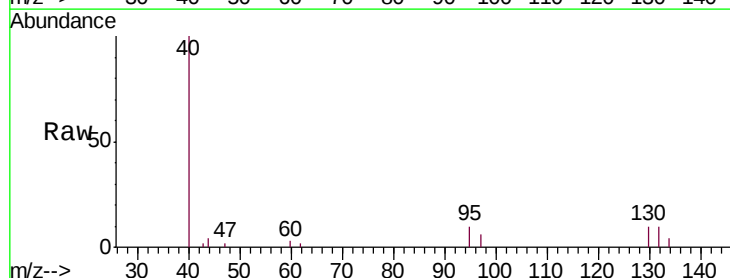
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 68.00 (67.70 to 68.70): VV0



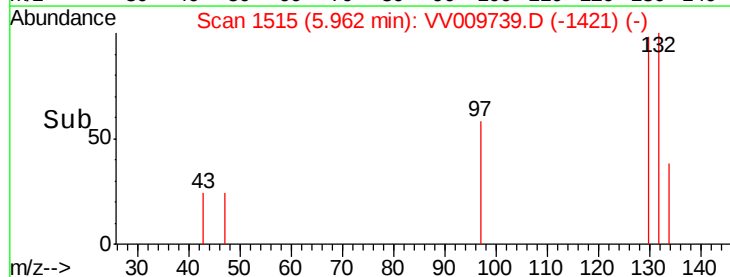
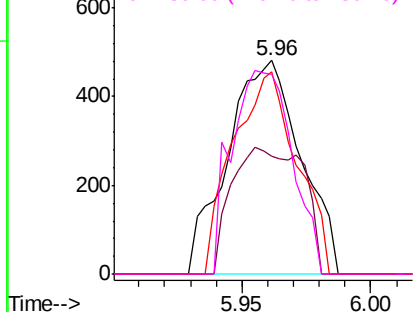
#34

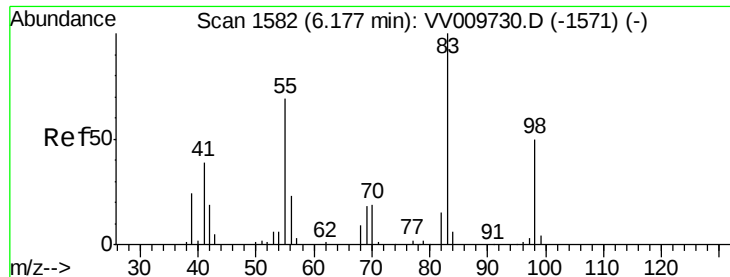
Trichloroethene
Concen: 0.926 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV009739.D
Acq: 16 Mar 2019 19:40

Tgt Ion: 95 Resp: 956
Ion Ratio Lower Upper
95 100
97 55.3 45.1 83.9
132 95.0 68.0 126.2
130 93.3 71.3 132.3



Abundance Ion 95.00 (94.70 to 95.70): VV0
Ion 97.00 (96.70 to 97.70): VV0
Ion 132.00 (131.70 to 132.70): VV0
Ion 130.00 (129.70 to 130.70): VV0

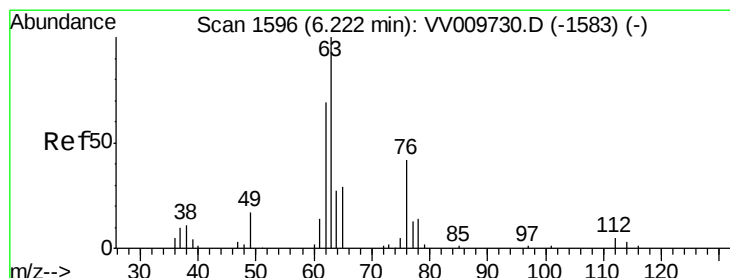
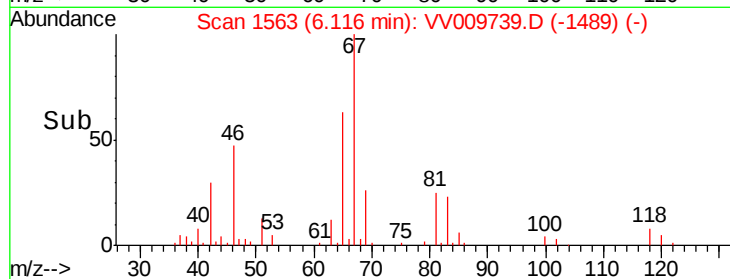
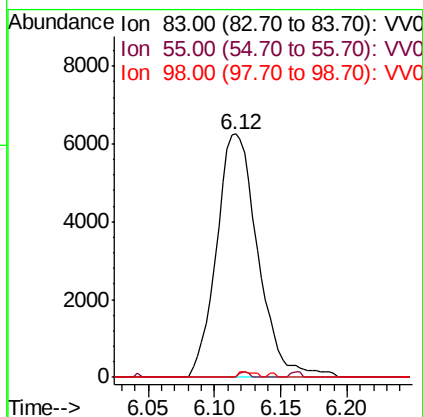
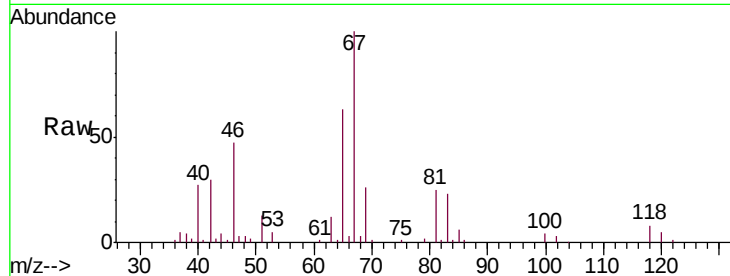




#35
Methylcyclohexane
Concen: 7.986 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV009739.D
Acq: 16 Mar 2019 19:40

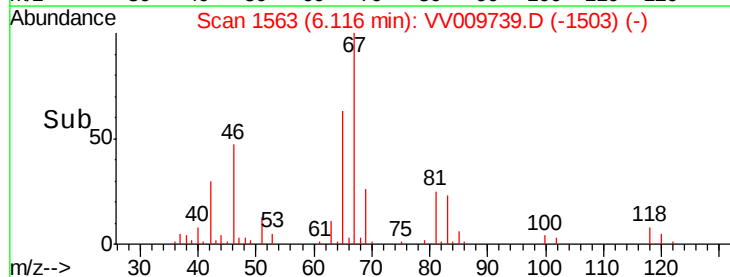
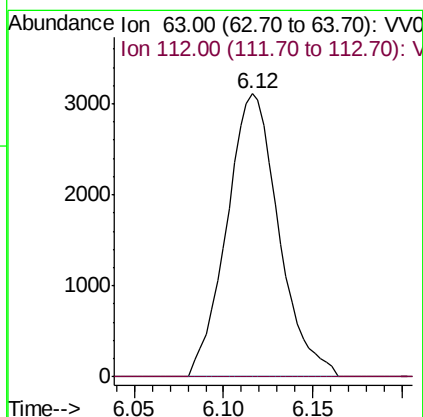
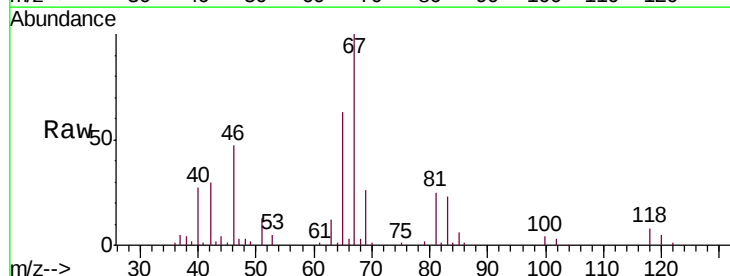
Instrument :
MSVOA_V
ClientSampleId :
BF0Y8

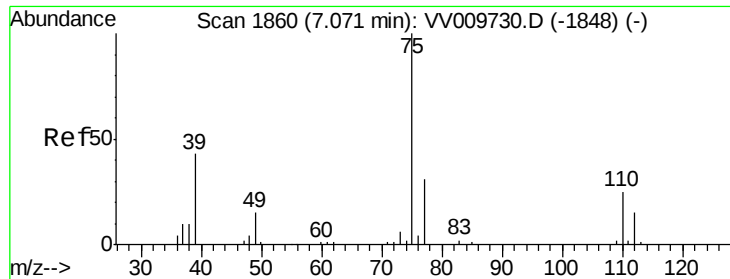
Tgt Ion: 83 Resp: 13569
Ion Ratio Lower Upper
83 100
55 0.5 54.2 81.4#
98 0.9 38.4 57.6#



#37
1,2-Dichloropropane
Concen: 6.247 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.11 min
Lab File: VV009739.D
Acq: 16 Mar 2019 19:40

Tgt Ion: 63 Resp: 6311
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#

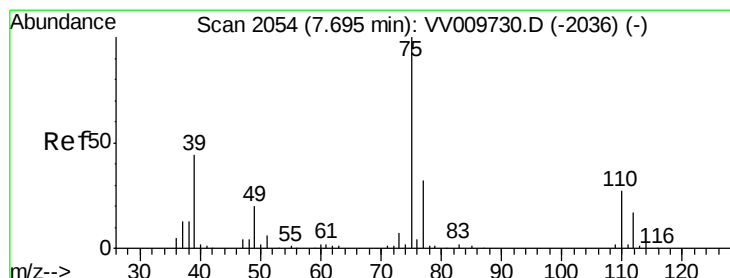
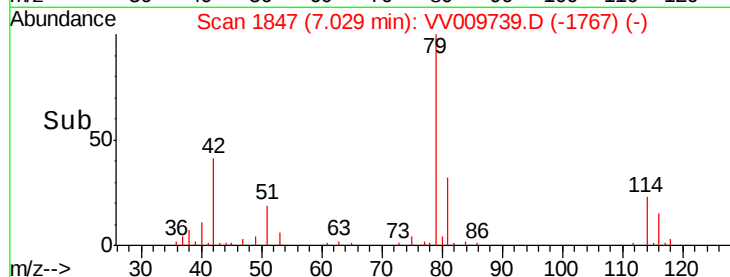
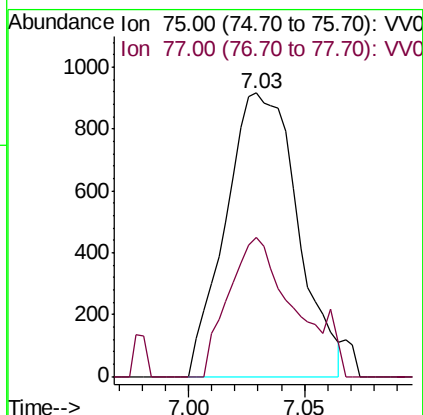
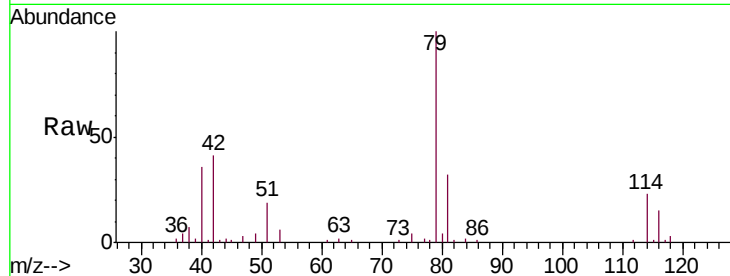




#39
 cis-1,3-Dichloropropene
 Concen: 1.277 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV009739.D
 Acq: 16 Mar 2019 19:40

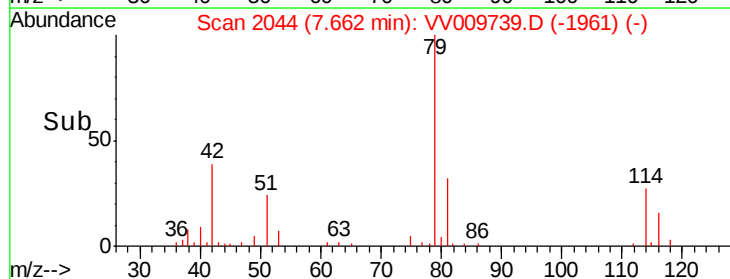
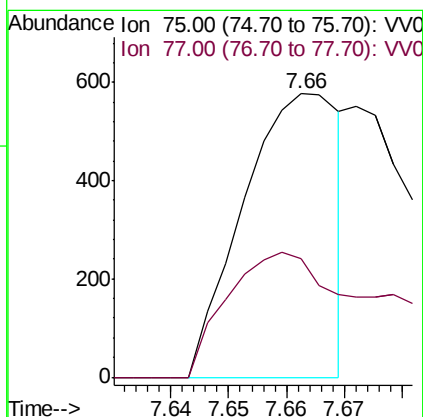
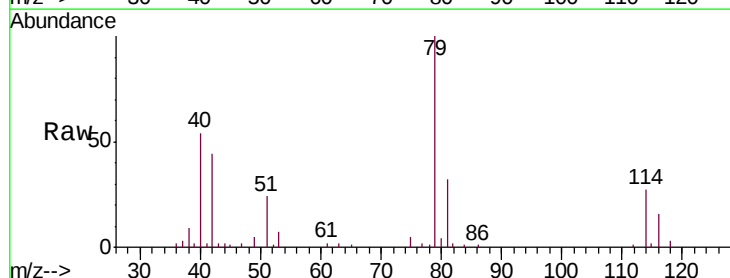
Instrument :
 MSVOA_V
 ClientSampled :
 BF0Y8

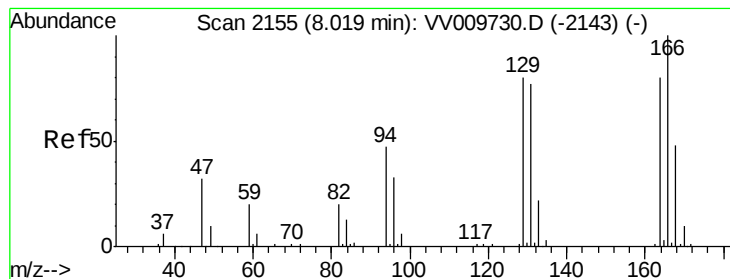
Tgt Ion: 75 Resp: 1970
 Ion Ratio Lower Upper
 75 100
 77 49.2 22.4 41.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.455 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV009739.D
 Acq: 16 Mar 2019 19:40

Tgt Ion: 75 Resp: 665
 Ion Ratio Lower Upper
 75 100
 77 41.8 22.5 41.7#





#46

Tetrachloroethene

Concen: 3.618 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV009739.D

Acq: 16 Mar 2019 19:40

Instrument :

MSVOA_V

ClientSampled :

BF0Y8

Tgt Ion: 164 Resp: 3118

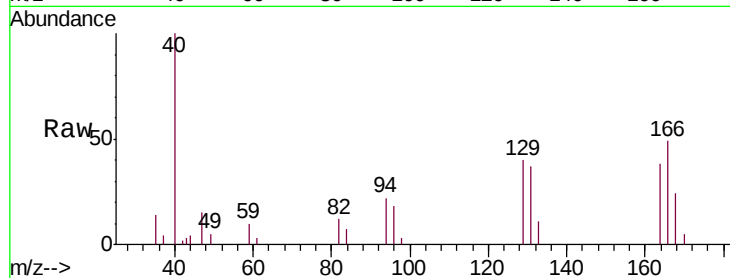
Ion Ratio Lower Upper

164 100

129 105.1 70.0 130.0

131 99.0 67.5 125.4

166 129.4 88.0 163.4

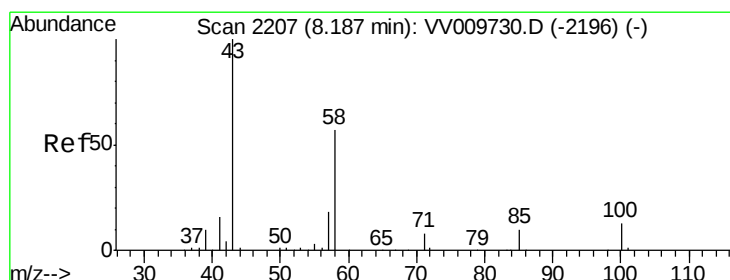
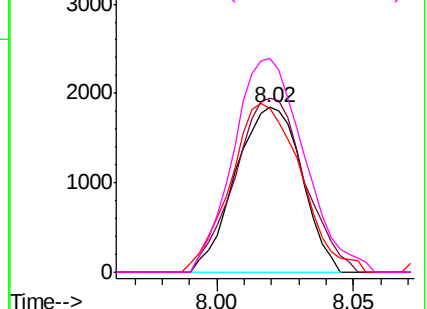
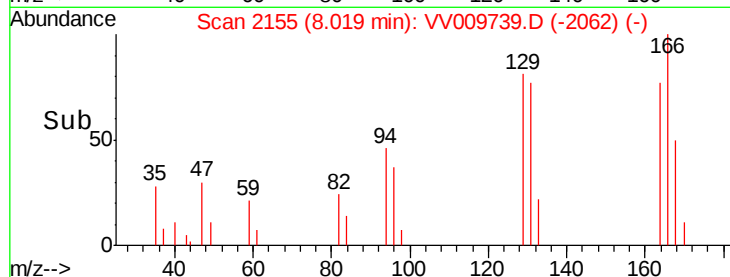


Abundance Ion 164.00 (163.70 to 164.70): V

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: 5.905 ug/L

RT: 8.14 min Scan# 2194

Delta R.T. -0.04 min

Lab File: VV009739.D

Acq: 16 Mar 2019 19:40

Tgt Ion: 43 Resp: 5830

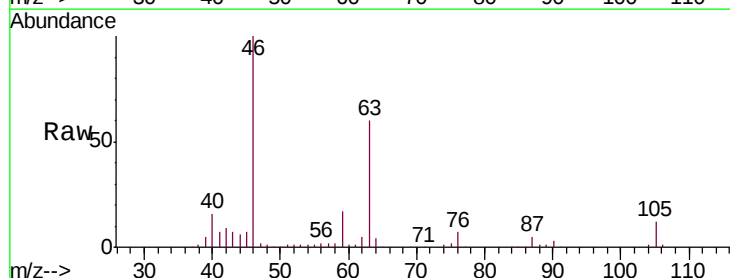
Ion Ratio Lower Upper

43 100

58 27.5 46.0 69.0#

57 25.5 14.8 22.2#

100 0.0 10.8 16.2#

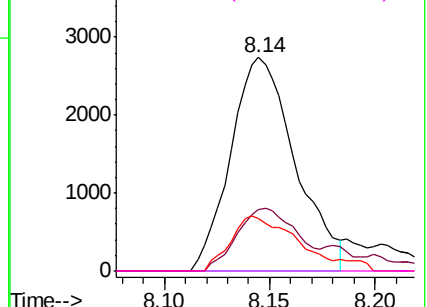
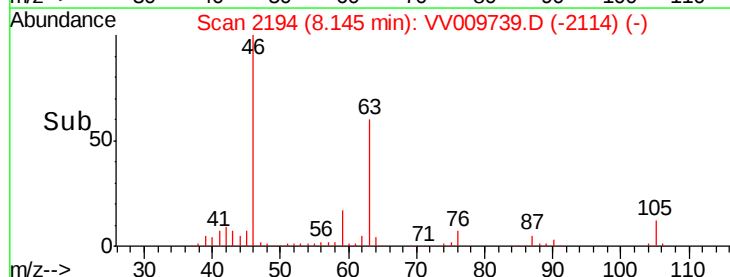


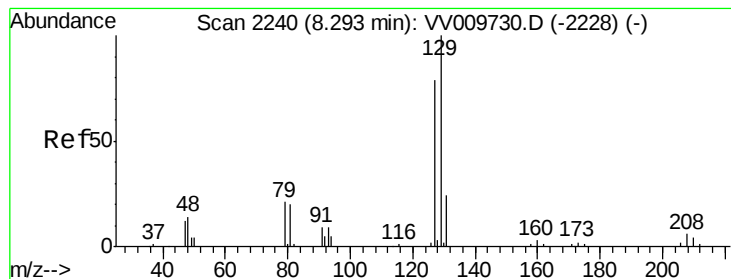
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 2.890 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV009739.D

Acq: 16 Mar 2019 19:40

Instrument :

MSVOA_V

ClientSampleId :

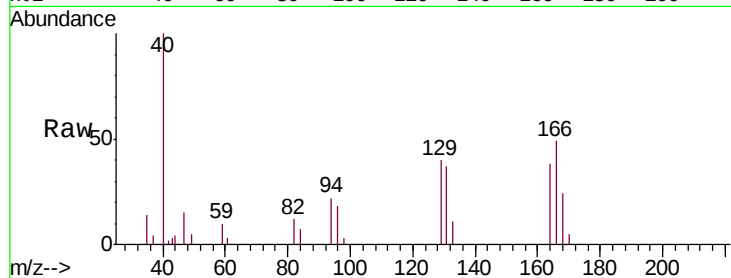
BF0Y8

Tgt Ion:129 Resp: 3239

Ion Ratio Lower Upper

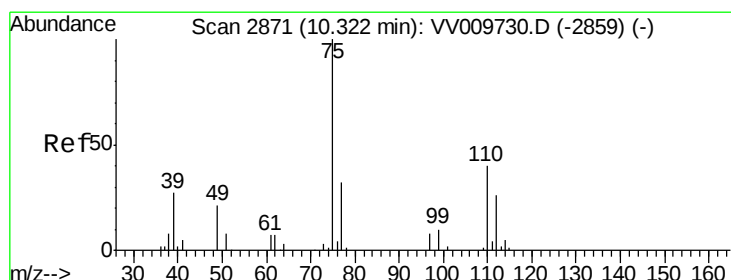
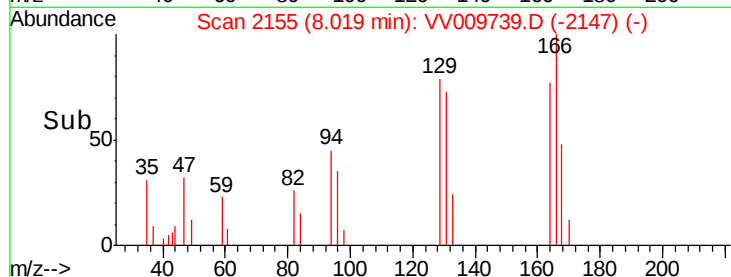
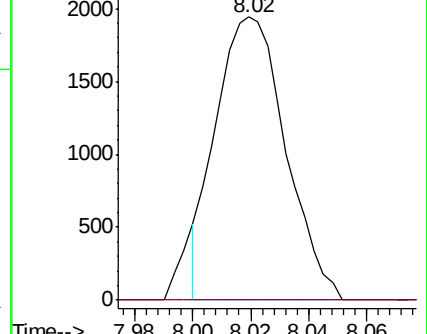
129 100

127 0.0 55.2 102.4#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 5.566 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV009739.D

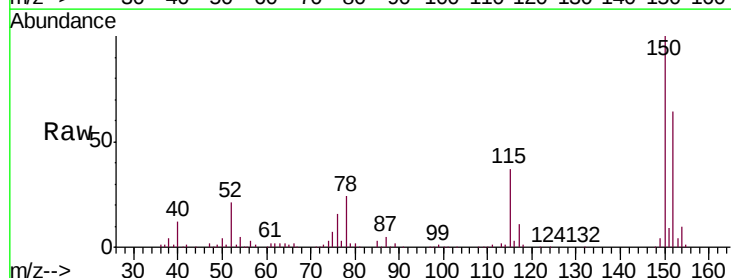
Acq: 16 Mar 2019 19:40

Tgt Ion: 75 Resp: 7398

Ion Ratio Lower Upper

75 100

77 42.4 26.2 39.4#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

