

Data File : VV009702.D
Acq On : 15 Mar 2019 21:57
Operator : SY/MD
Sample : K1939-19
Misc : 5.75g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0Y2

Quant Time: Mar 16 02:38:34 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	164427	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	164998	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	75587	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35497	36.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.96%
7) Chloroethane-d5	1.55	69	23148	22.85	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	45.70%#
11) 1,1-Dichloroethene-d2	2.10	63	83681	32.59	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.18%
21) 2-Butanone-d5	3.95	46	70337	97.80	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.80%
24) Chloroform-d	4.40	84	91983	43.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.54%
26) 1,2-Dichloroethane-d4	5.08	65	65687	46.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.40%
32) Benzene-d6	5.09	84	189109	44.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.16%
36) 1,2-Dichloropropane-d6	6.12	67	58651	45.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.44%
41) Toluene-d8	7.36	98	183629	43.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.86%
43) trans-1,3-Dichloropropene-	7.67	79	26707	40.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.62%
47) 2-Hexanone-d5	8.14	63	59201	105.51	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.51%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	99335	48.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	72218	45.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.58%

Target Compounds

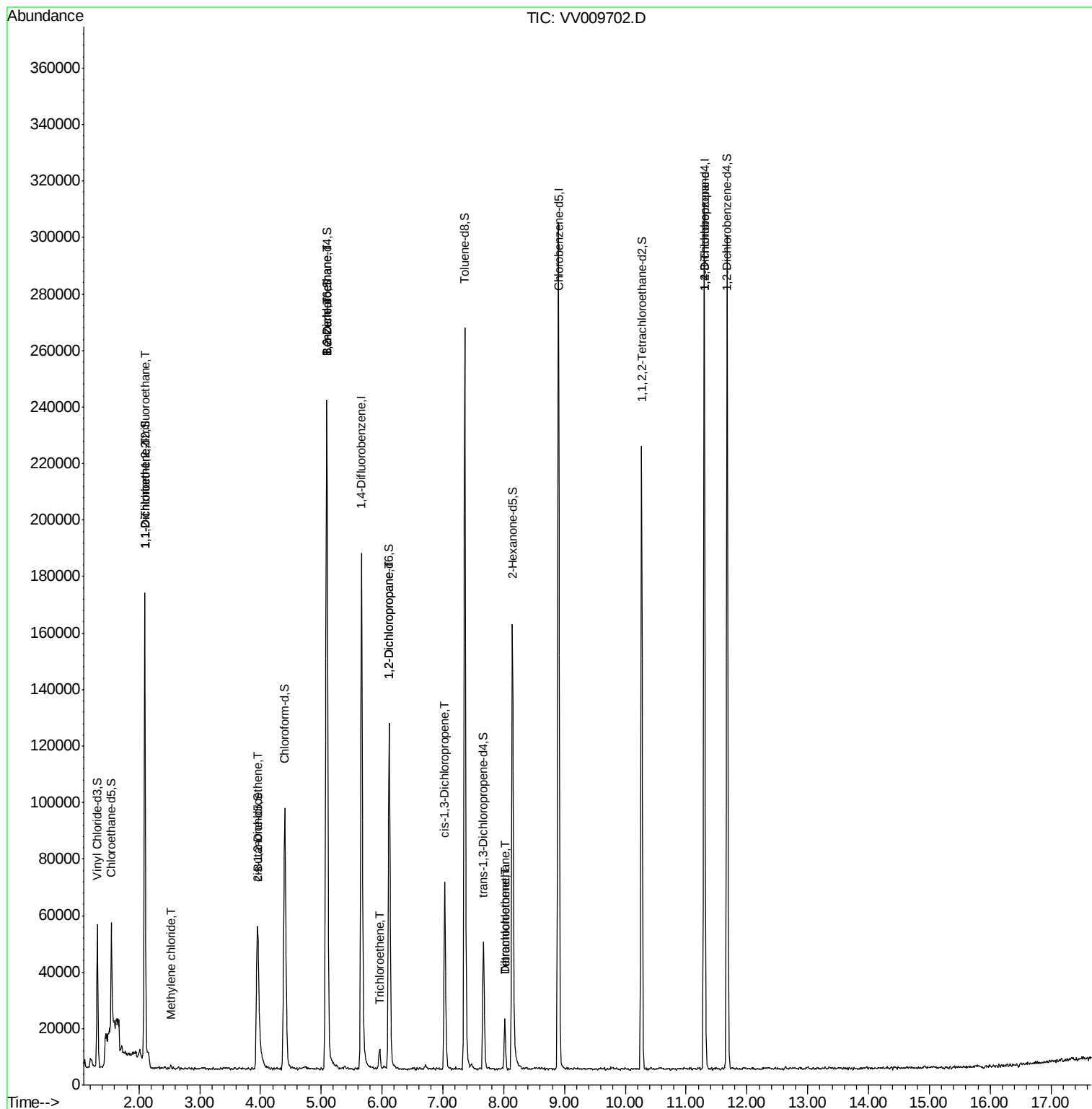
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.10	101	816	0.655 ug/L #	19
12) 1,1-Dichloroethene	2.10	96	734	0.689 ug/L #	1
16) Methylene chloride	2.52	84	431	0.416 ug/L	81
20) cis-1,2-Dichloroethene	3.96	96	10259	9.080 ug/L	92
27) 1,2-Dichloroethane	5.09	62	905	0.574 ug/L #	78
33) Benzene	5.10	78	1593	0.385 ug/L	100
34) Trichloroethene	5.96	95	2263	2.047 ug/L	91
37) 1,2-Dichloropropane	6.12	63	6907	6.544 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	2314	1.375 ug/L	97
46) Tetrachloroethene	8.02	164	3648	4.198 ug/L	96
49) Dibromochloromethane	8.02	129	3702	3.055 ug/L #	11
59) 1,2,3-Trichloropropane	11.30	75	10751	7.512 ug/L	97

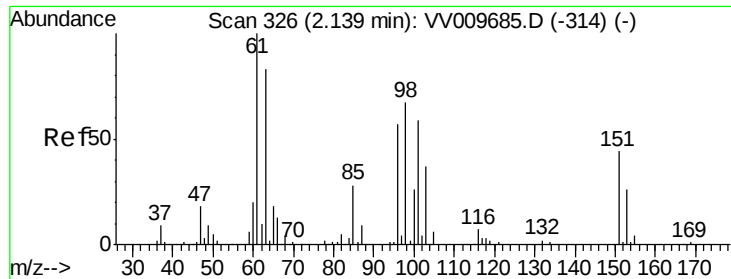
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV009702.D
Acq On : 15 Mar 2019 21:57
Operator : SY/MD
Sample : K1939-19
Misc : 5.75g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0Y2

Quant Time: Mar 16 02:38:34 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





#10

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

Concen: 0.655 ug/L

RT: 2.10 min Scan# 313

Delta R.T. -0.04 min

Lab File: VV009702.D

Acq: 15 Mar 2019 21:57

Instrument :

MSVOA_V

ClientSampleId :

BF0Y2

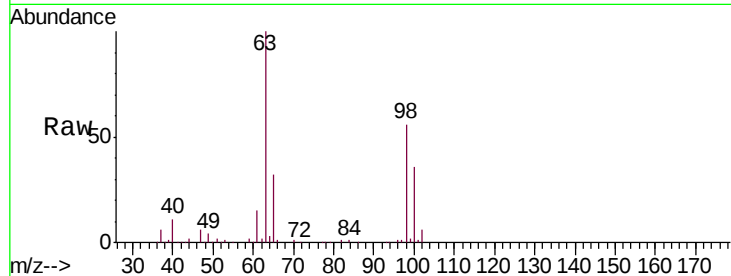
Tgt Ion:101 Resp: 816

Ion Ratio Lower Upper

101 100

85 0.0 37.8 56.6#

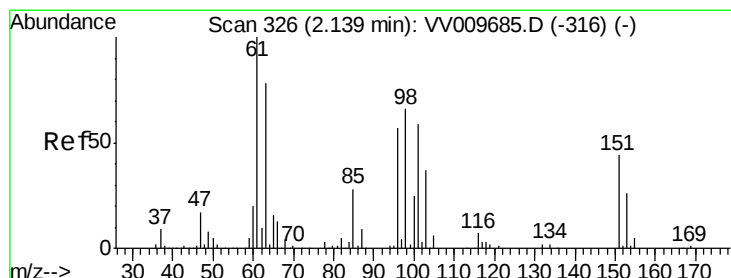
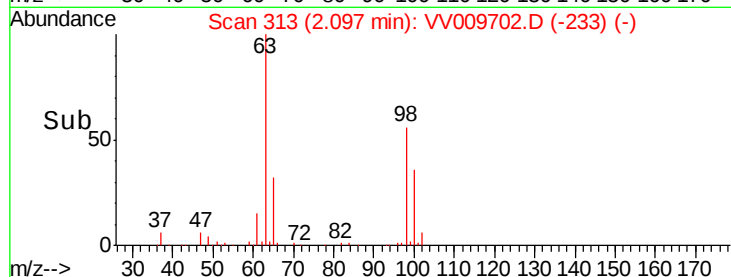
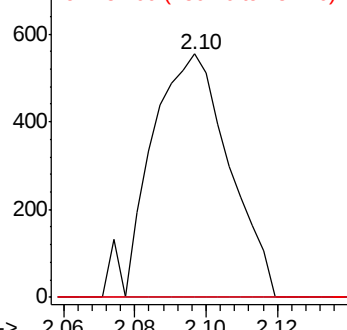
151 0.0 59.6 89.4#



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: 0.689 ug/L

RT: 2.10 min Scan# 313

Delta R.T. -0.04 min

Lab File: VV009702.D

Acq: 15 Mar 2019 21:57

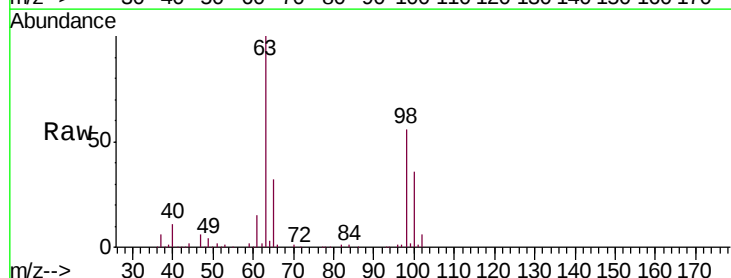
Tgt Ion: 96 Resp: 734

Ion Ratio Lower Upper

96 100

61 1613.0 122.1 226.7#

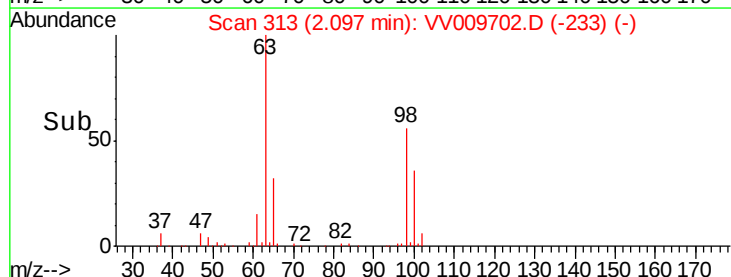
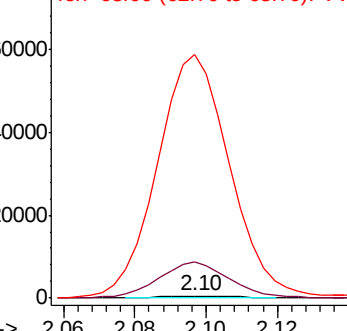
63 10917.5 107.6 199.8#

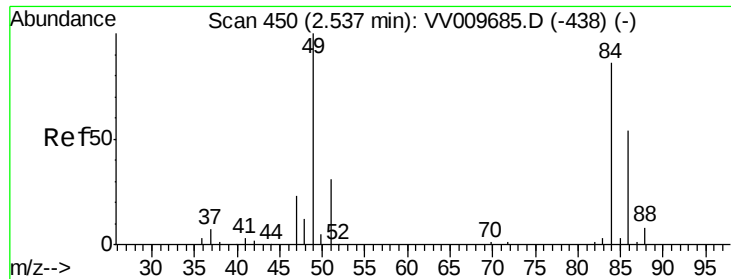


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

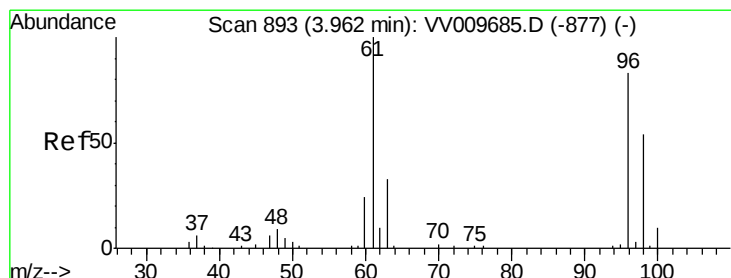
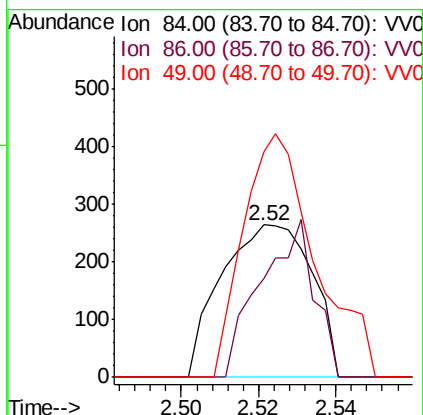
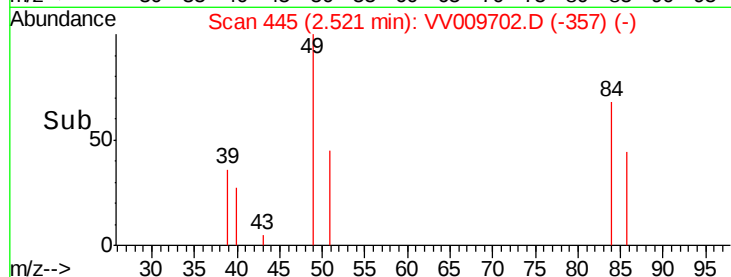
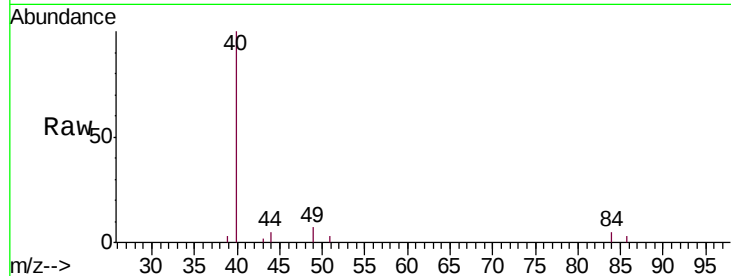




#16
Methylene chloride
Concen: 0.416 ug/L
RT: 2.52 min Scan# 445
Delta R.T. -0.02 min
Lab File: VV009702.D
Acq: 15 Mar 2019 21:57

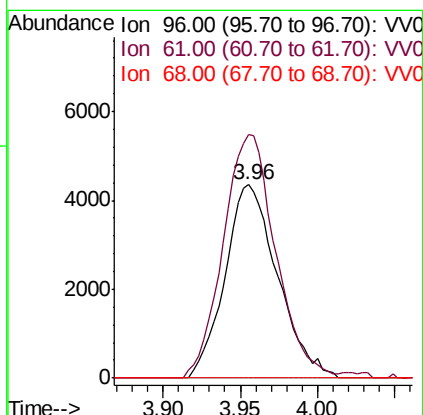
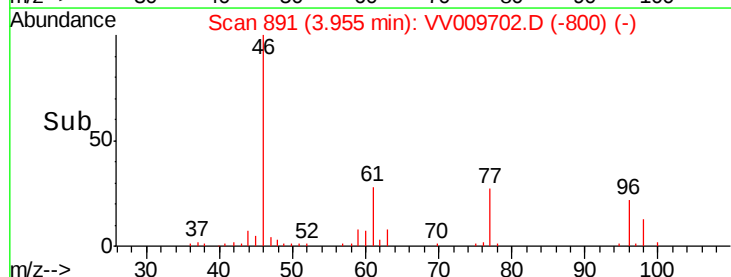
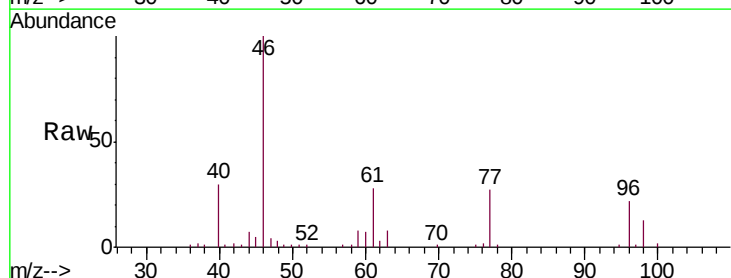
Instrument :
MSVOA_V
ClientSampled :
BF0Y2

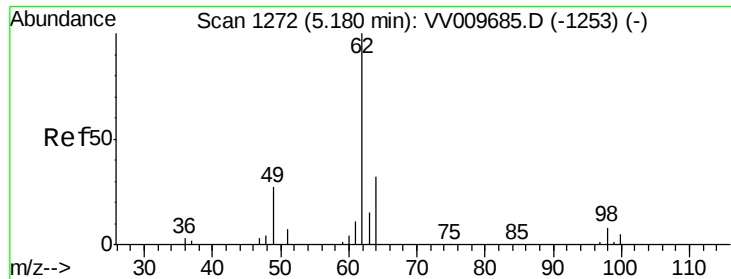
Tgt Ion: 84 Resp: 431
Ion Ratio Lower Upper
84 100
86 64.5 44.0 81.6
49 147.5 82.0 152.4



#20
cis-1,2-Dichloroethene
Concen: 9.080 ug/L
RT: 3.96 min Scan# 891
Delta R.T. -0.01 min
Lab File: VV009702.D
Acq: 15 Mar 2019 21:57

Tgt Ion: 96 Resp: 10259
Ion Ratio Lower Upper
96 100
61 126.0 82.4 153.0
68 0.0 0.0 0.0

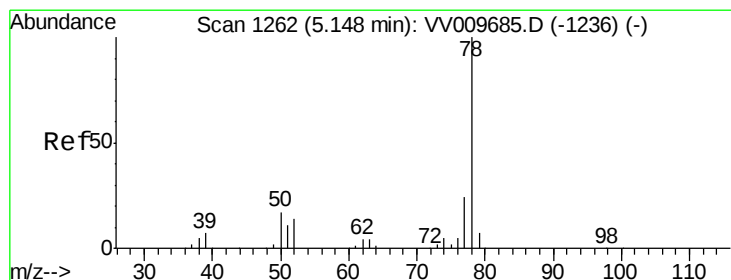
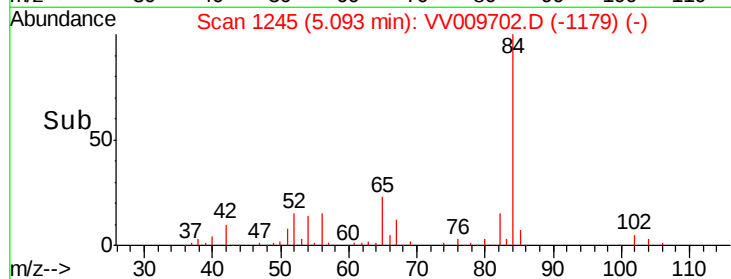
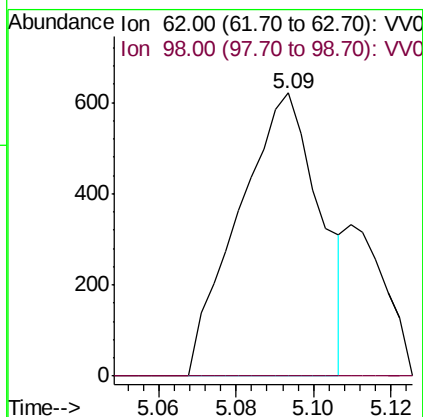
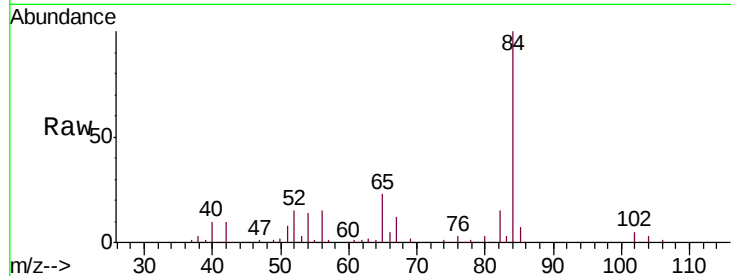




#27
 1,2-Dichloroethane
 Concen: 0.574 ug/L
 RT: 5.09 min Scan# 1245
 Delta R.T. -0.09 min
 Lab File: VV009702.D
 Acq: 15 Mar 2019 21:57

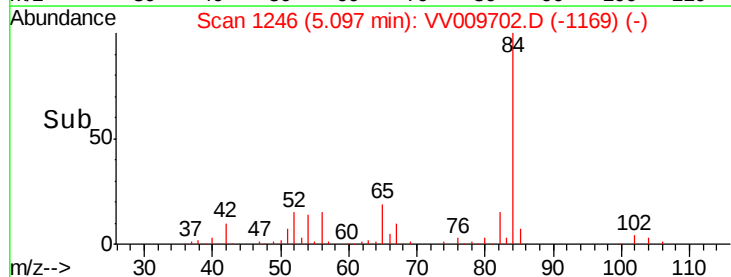
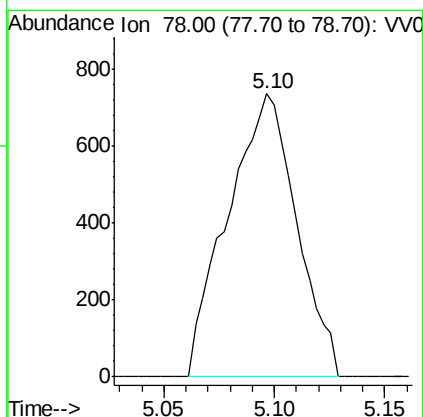
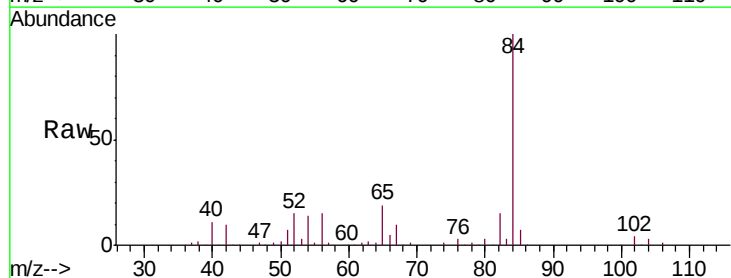
Instrument :
 MSVOA_V
 ClientSampleId :
 BF0Y2

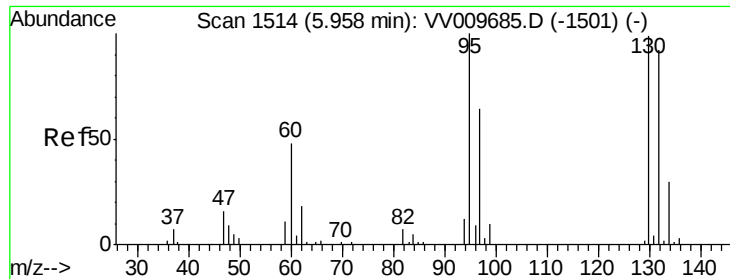
Tgt Ion: 62 Resp: 905
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.2 9.4#



#33
 Benzene
 Concen: 0.385 ug/L
 RT: 5.10 min Scan# 1246
 Delta R.T. -0.05 min
 Lab File: VV009702.D
 Acq: 15 Mar 2019 21:57

Tgt Ion: 78 Resp: 1593





#34

Trichloroethene

Concen: 2.047 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV009702.D

Acq: 15 Mar 2019 21:57

Instrument :

MSVOA_V

ClientSampleId :

BF0Y2

Tgt Ion: 95 Resp: 2263

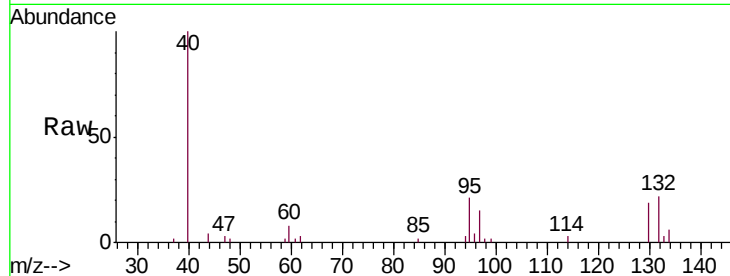
Ion Ratio Lower Upper

95 100

97 72.0 44.2 82.2

132 107.6 66.5 123.5

130 92.9 67.8 125.8

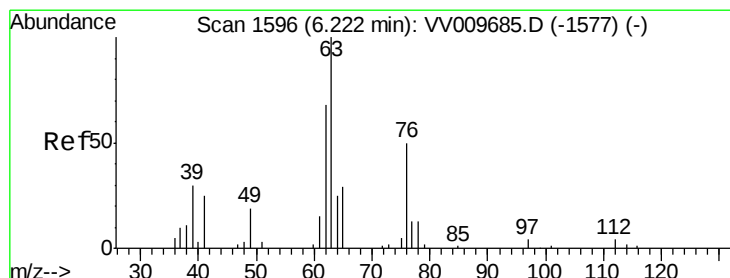
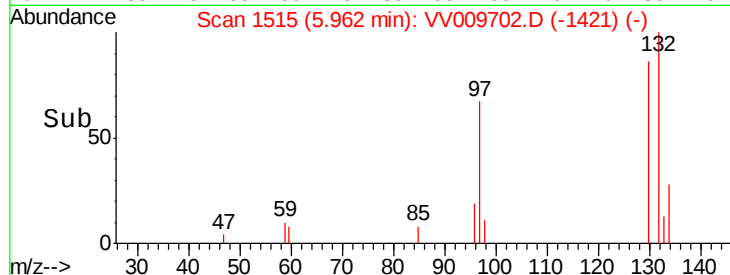
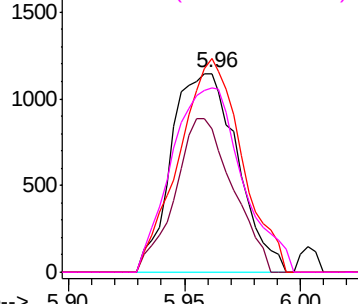


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#37

1,2-Dichloropropane

Concen: 6.544 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.11 min

Lab File: VV009702.D

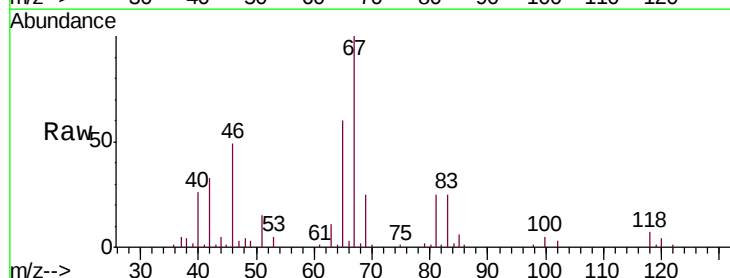
Acq: 15 Mar 2019 21:57

Tgt Ion: 63 Resp: 6907

Ion Ratio Lower Upper

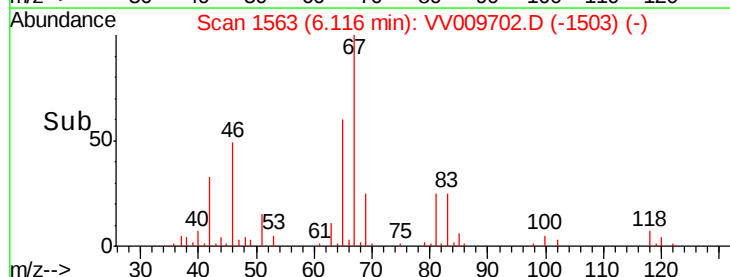
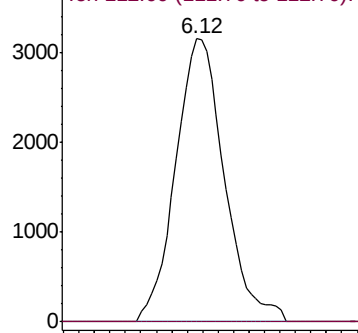
63 100

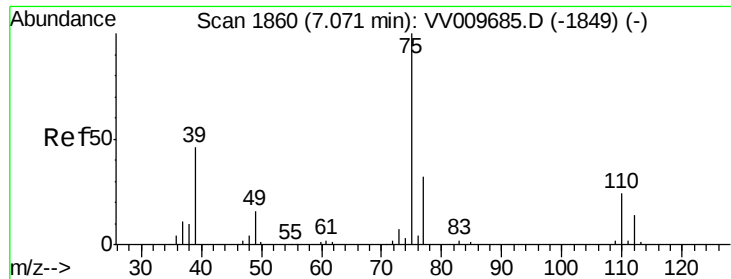
112 0.0 3.4 5.0#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V

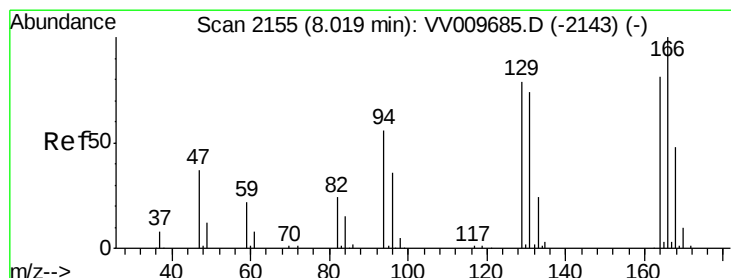
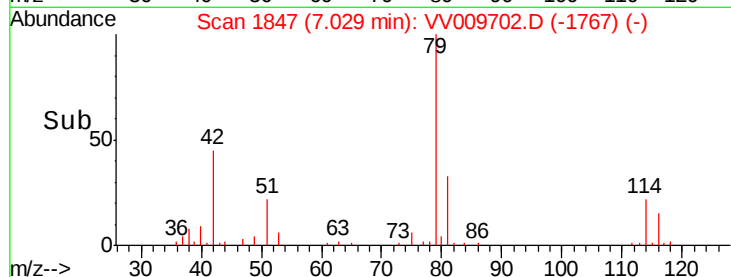
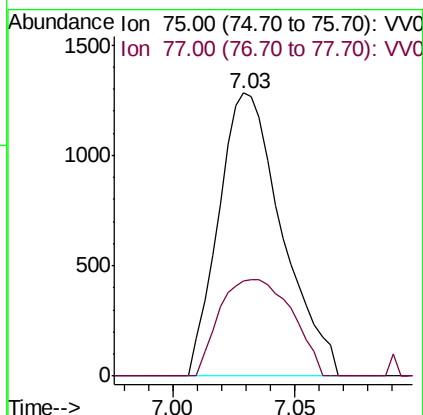
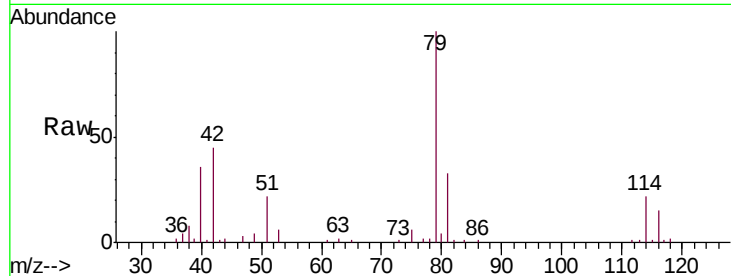




#39
 cis-1,3-Dichloropropene
 Concen: 1.375 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV009702.D
 Acq: 15 Mar 2019 21:57

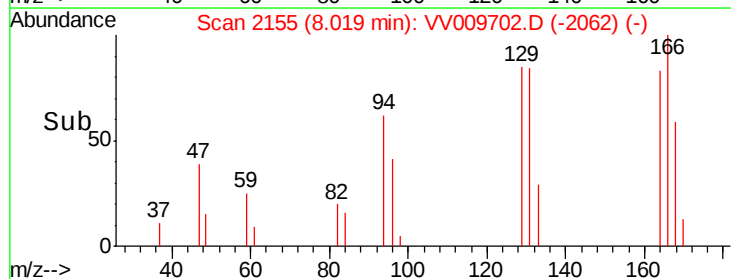
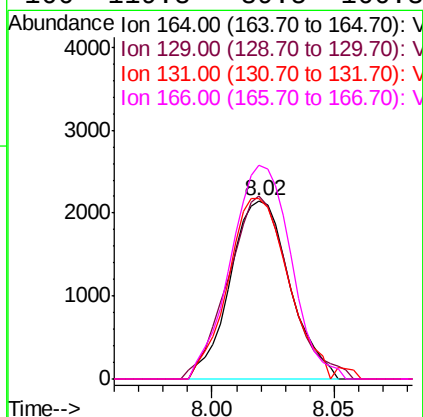
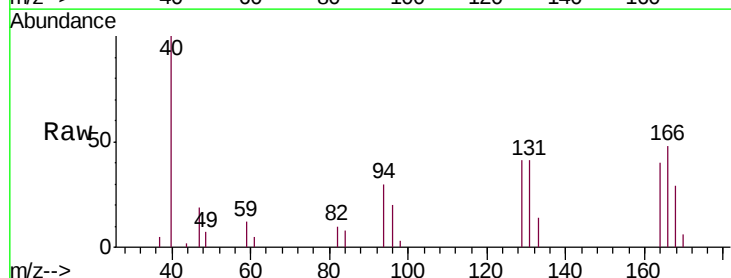
Instrument :
 MSVOA_V
 ClientSampled :
 BF0Y2

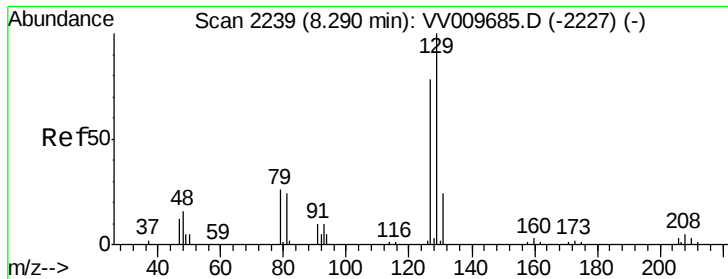
Tgt Ion: 75 Resp: 2314
 Ion Ratio Lower Upper
 75 100
 77 33.7 22.3 41.5



#46
 Tetrachloroethene
 Concen: 4.198 ug/L
 RT: 8.02 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: VV009702.D
 Acq: 15 Mar 2019 21:57

Tgt Ion: 164 Resp: 3648
 Ion Ratio Lower Upper
 164 100
 129 102.4 70.8 131.6
 131 101.0 68.3 126.9
 166 119.8 89.5 166.3





#49

Dibromochloromethane

Concen: 3.055 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV009702.D

Acq: 15 Mar 2019 21:57

Instrument :

MSVOA_V

ClientSampleId :

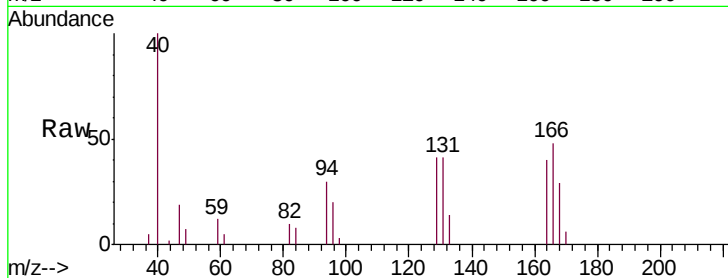
BF0Y2

Tgt Ion:129 Resp: 3702

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

2500

2000

1500

1000

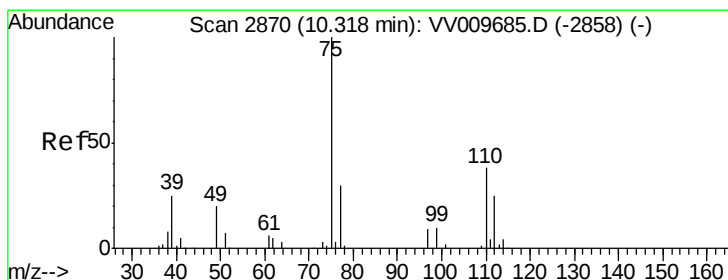
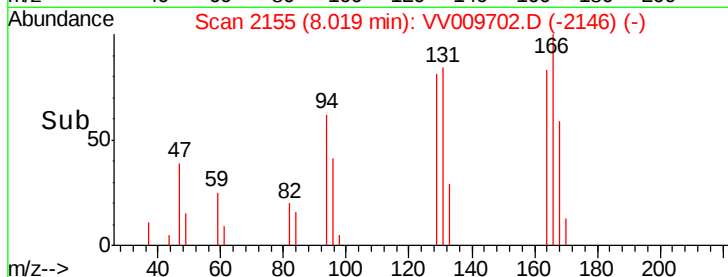
500

0

8.00

8.05

Time-->



#59

1,2,3-Trichloropropane

Concen: 7.512 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV009702.D

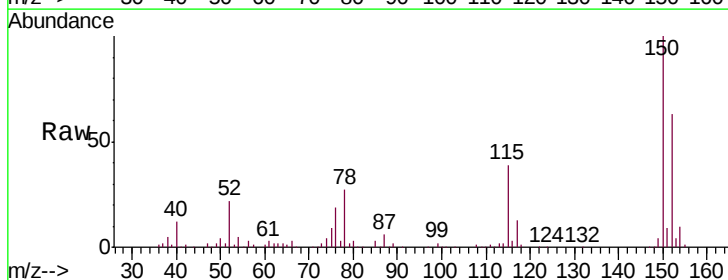
Acq: 15 Mar 2019 21:57

Tgt Ion: 75 Resp: 10751

Ion Ratio Lower Upper

75 100

77 35.2 26.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

6000

4000

2000

0

11.25

11.30

11.35

Time-->

