

Data File : VV009690.D
Acq On : 15 Mar 2019 17:03
Operator : SY/MD
Sample : K1939-07
Misc : 5.85g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0T0

Quant Time: Mar 16 02:36:13 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	146910	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	147434	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	65944	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35535	40.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.74%
7) Chloroethane-d5	1.55	69	23620	26.10	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	52.20%#
11) 1,1-Dichloroethene-d2	2.10	63	82761	36.08	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.16%
21) 2-Butanone-d5	3.95	46	67082	104.40	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.40%
24) Chloroform-d	4.40	84	88923	46.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.64%
26) 1,2-Dichloroethane-d4	5.08	65	61695	49.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.18%
32) Benzene-d6	5.09	84	184931	48.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.48%
36) 1,2-Dichloropropane-d6	6.12	67	58027	50.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.24%
41) Toluene-d8	7.36	98	171866	46.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.04%
43) trans-1,3-Dichloropropene-	7.67	79	26901	45.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.86%
47) 2-Hexanone-d5	8.14	63	53109	105.93	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.93%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	90744	49.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.56%
64) 1,2-Dichlorobenzene-d4	11.67	152	66643	47.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

						Qvalue
9) Trichlorofluoromethane	2.10	101	739	0.368	ug/L #	30
10) 1,1,2-Trichloro-1,2,2-trif	2.10	101	739	0.664	ug/L #	19
16) Methylene chloride	2.52	84	417	0.450	ug/L	91
20) cis-1,2-Dichloroethene	3.96	96	28507	28.241	ug/L	96
34) Trichloroethene	5.96	95	31002	31.391	ug/L	98
37) 1,2-Dichloropropane	6.12	63	6894	7.310	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	2155	1.434	ug/L	93
44) trans-1,3-Dichloropropene	7.67	75	1446	1.024	ug/L #	62
46) Tetrachloroethene	8.02	164	9644	12.421	ug/L	96
49) Dibromochloromethane	8.02	129	9121	8.425	ug/L #	11
59) 1,2,3-Trichloropropane	11.30	75	8990	7.030	ug/L	89

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

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ALS Vial      : 7      Sample Multiplier: 1

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Instrument :
MSVOA_V
ClientSampleId :
BF0T0

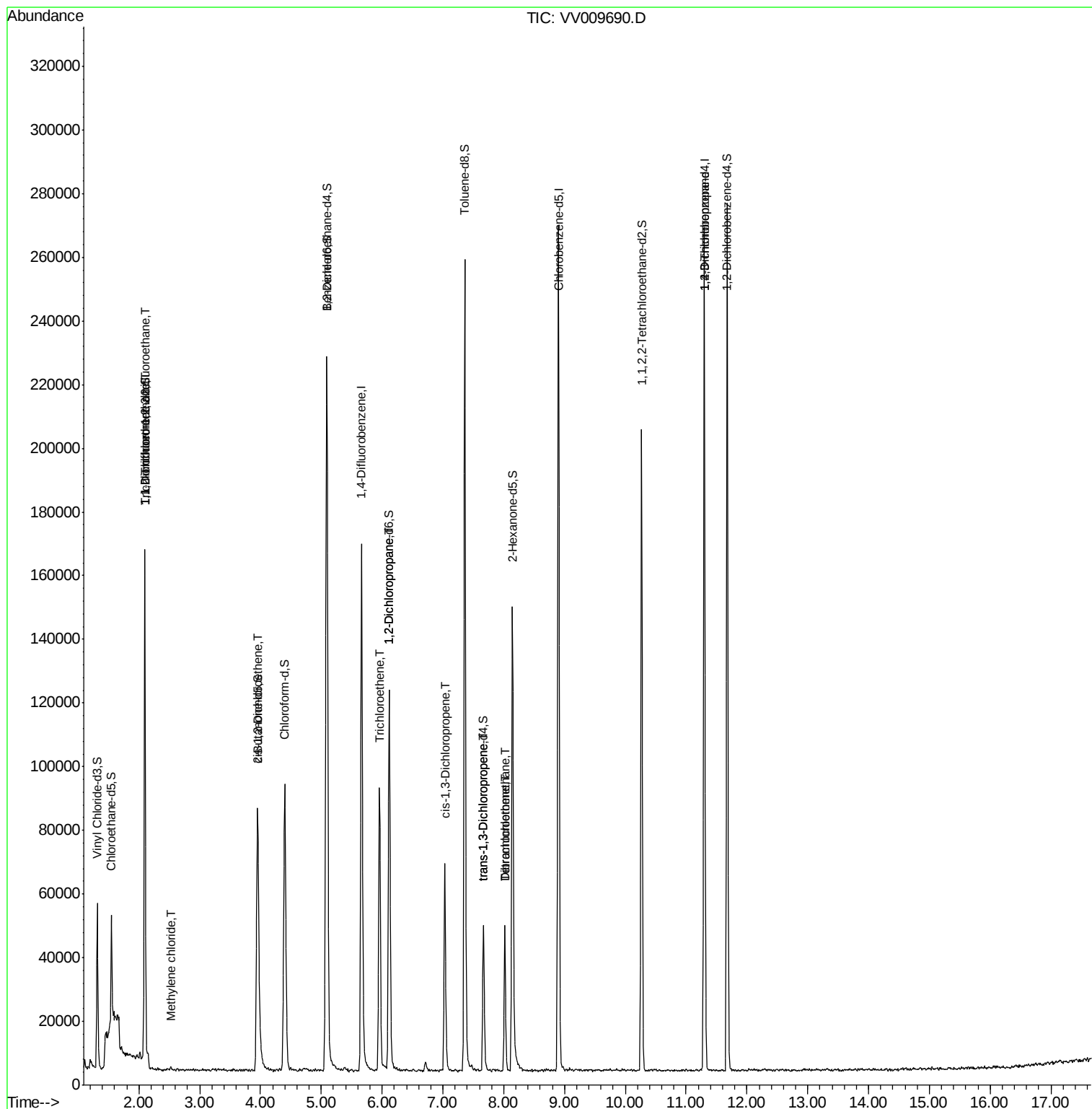
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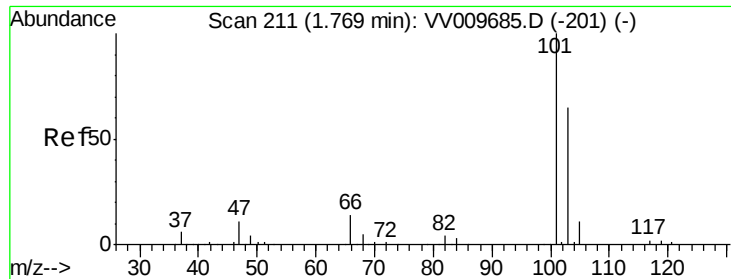
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Quant Title : VOC Analysis

QLast Update : Sat Mar 16 02:32:06 2019

Response via : Initial Calibration



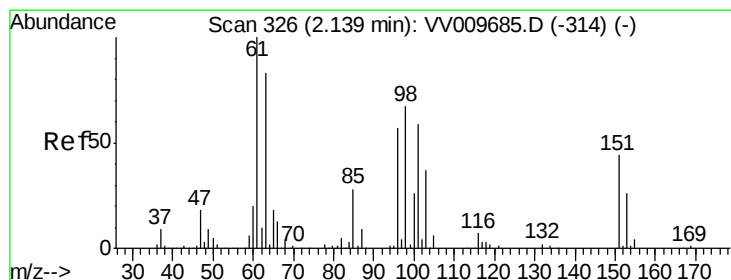
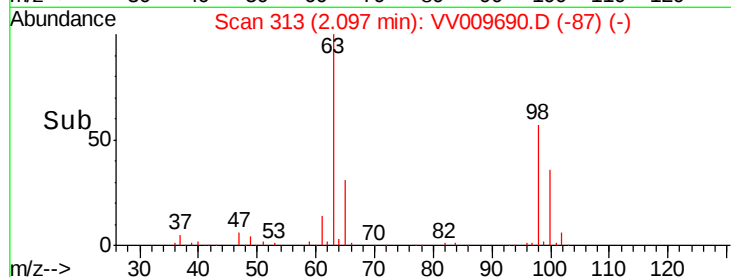
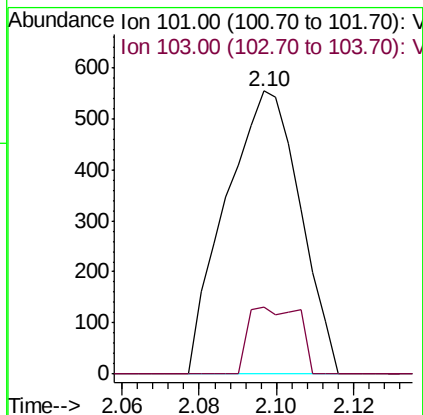
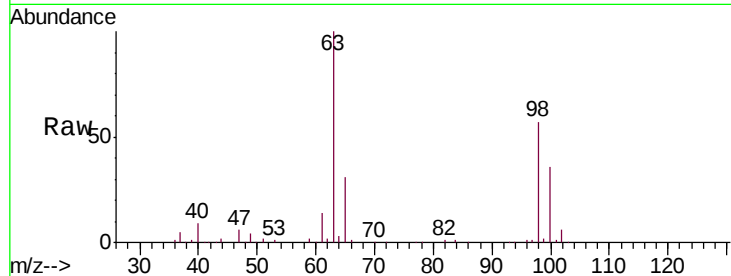


#9

Trichlorofluoromethane
 Concen: 0.368 ug/L
 RT: 2.10 min Scan# 313
 Delta R.T. 0.33 min
 Lab File: VV009690.D
 Acq: 15 Mar 2019 17:03

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0T0

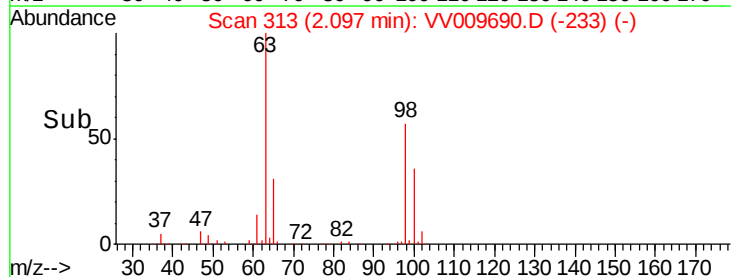
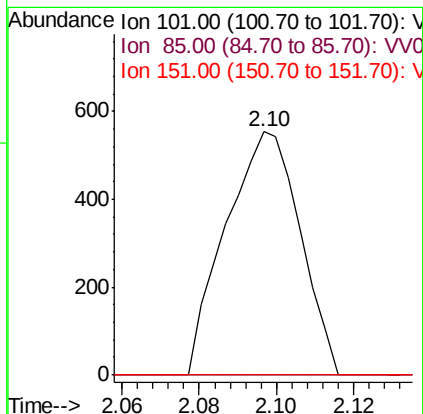
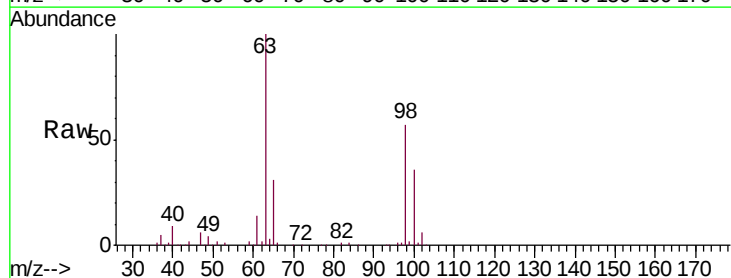
Tgt Ion:101 Resp: 739
 Ion Ratio Lower Upper
 101 100
 103 9.7 51.8 77.6#

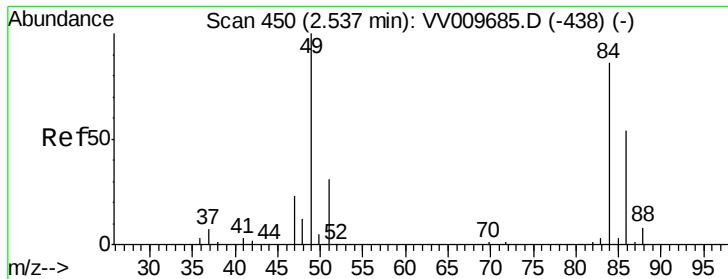


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.664 ug/L
 RT: 2.10 min Scan# 313
 Delta R.T. -0.04 min
 Lab File: VV009690.D
 Acq: 15 Mar 2019 17:03

Tgt Ion:101 Resp: 739
 Ion Ratio Lower Upper
 101 100
 85 0.0 37.8 56.6#
 151 0.0 59.6 89.4#

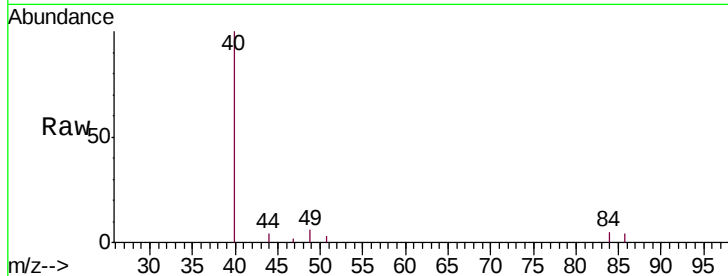




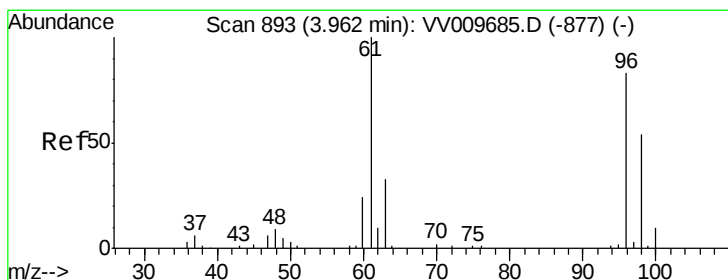
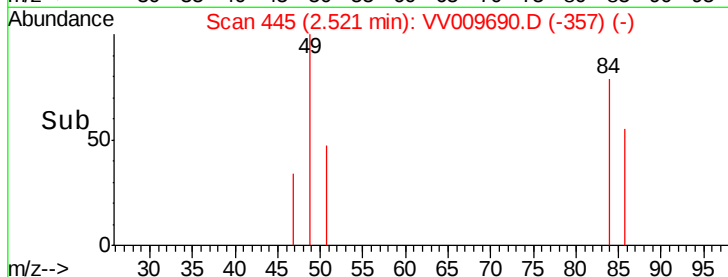
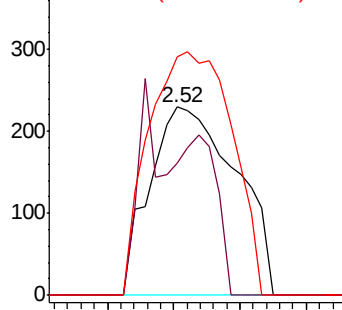
#16
Methylene chloride
Concen: 0.450 ug/L
RT: 2.52 min Scan# 445
Delta R.T. -0.02 min
Lab File: VV009690.D
Acq: 15 Mar 2019 17:03

Instrument :
MSVOA_V
ClientSampleId :
BF0T0

Tgt Ion: 84 Resp: 417
Ion Ratio Lower Upper
84 100
86 70.0 44.0 81.6
49 126.5 82.0 152.4

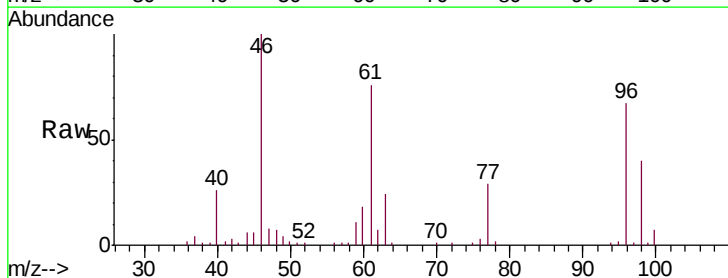


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.00 (48.70 to 49.70): VV0

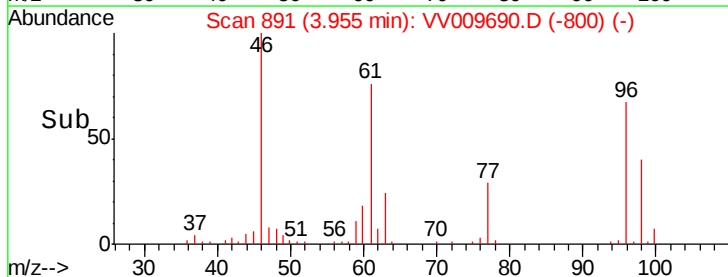
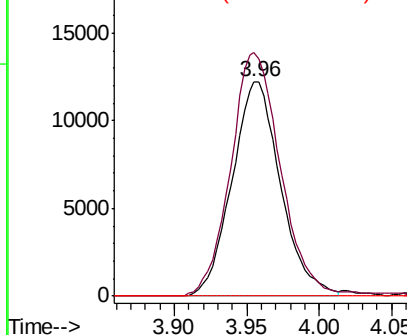


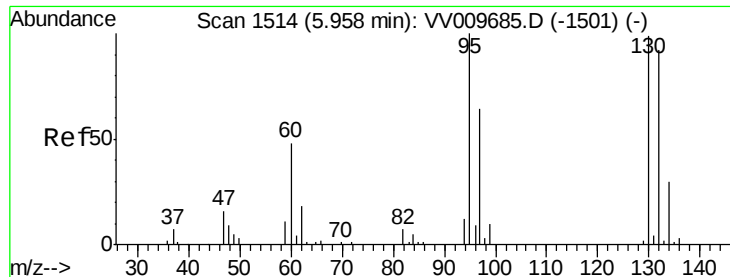
#20
cis-1,2-Dichloroethene
Concen: 28.241 ug/L
RT: 3.96 min Scan# 891
Delta R.T. -0.01 min
Lab File: VV009690.D
Acq: 15 Mar 2019 17:03

Tgt Ion: 96 Resp: 28507
Ion Ratio Lower Upper
96 100
61 113.5 82.4 153.0
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

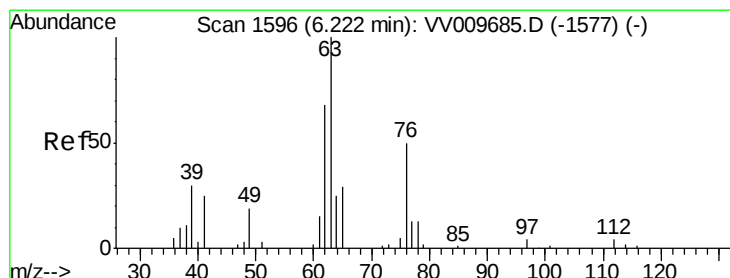
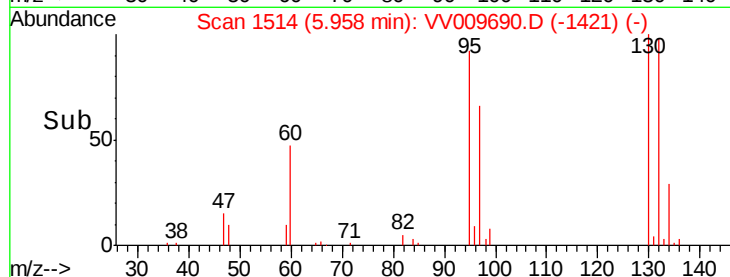
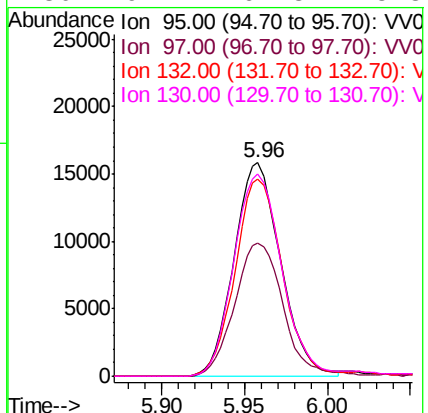
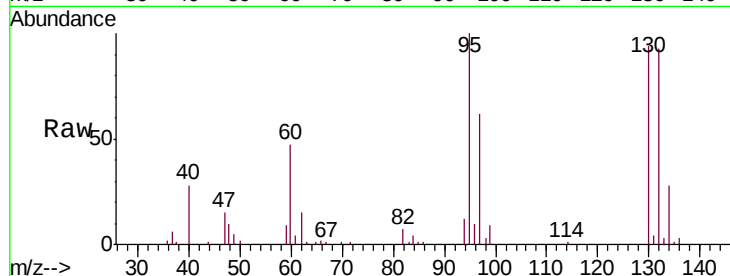




#34
 Trichloroethene
 Concen: 31.391 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: VV009690.D
 Acq: 15 Mar 2019 17:03

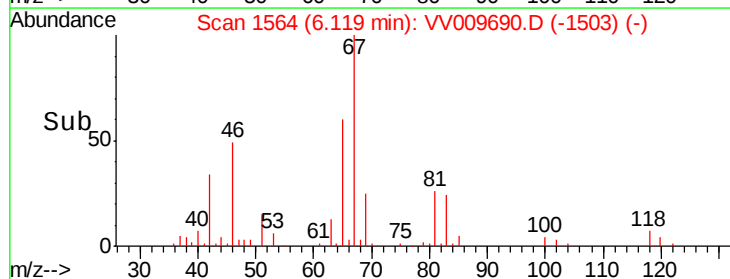
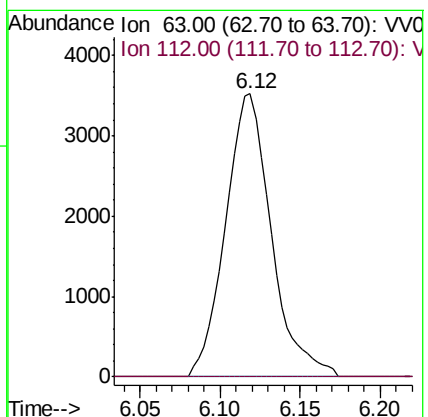
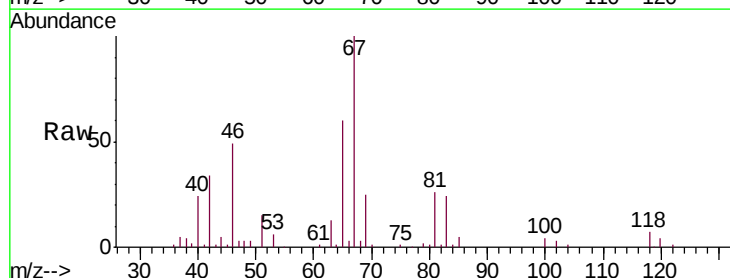
Instrument :
 MSVOA_V
 ClientSampleId :
 BF0T0

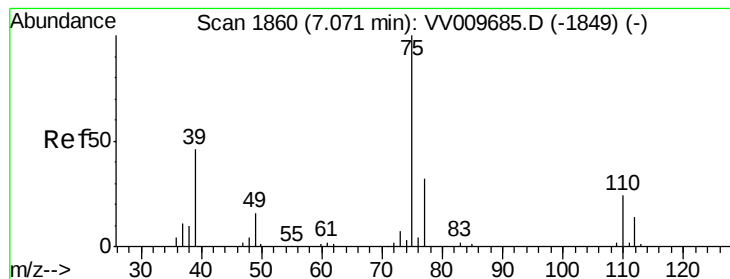
Tgt Ion: 95 Resp: 31002
 Ion Ratio Lower Upper
 95 100
 97 62.3 44.2 82.2
 132 92.5 66.5 123.5
 130 94.4 67.8 125.8



#37
 1,2-Dichloropropane
 Concen: 7.310 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV009690.D
 Acq: 15 Mar 2019 17:03

Tgt Ion: 63 Resp: 6894
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



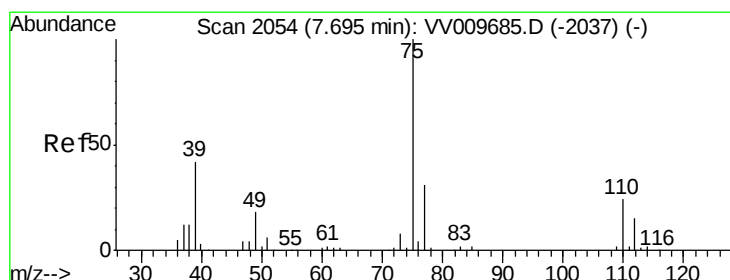
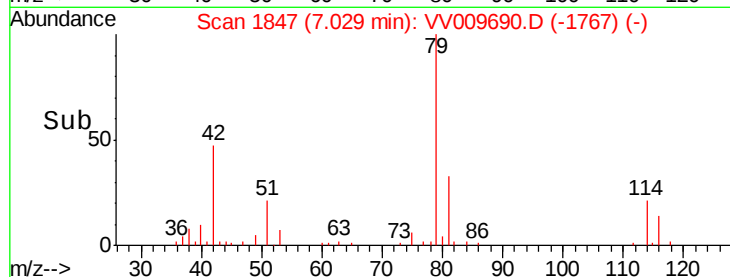
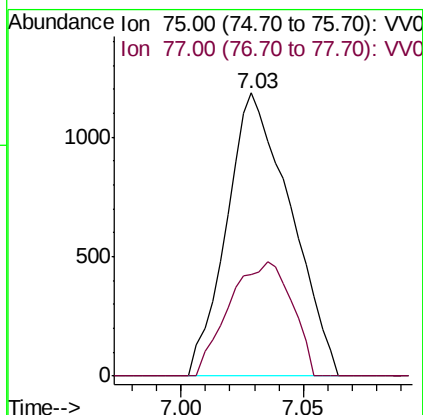
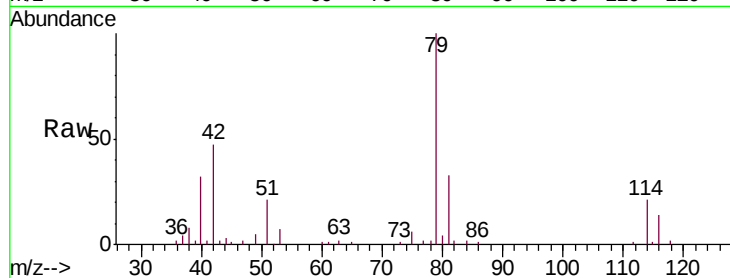


#39

cis-1,3-Dichloropropene
Concen: 1.434 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009690.D
Acq: 15 Mar 2019 17:03

Instrument :
MSVOA_V
ClientSampled :
BF0T0

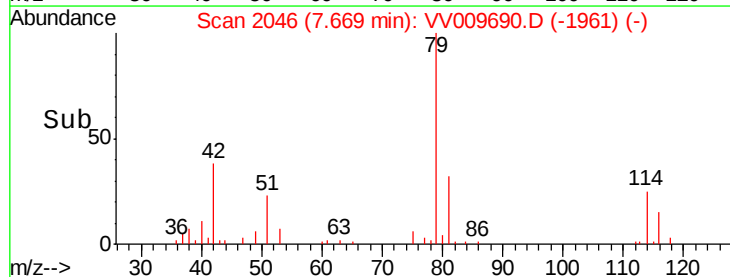
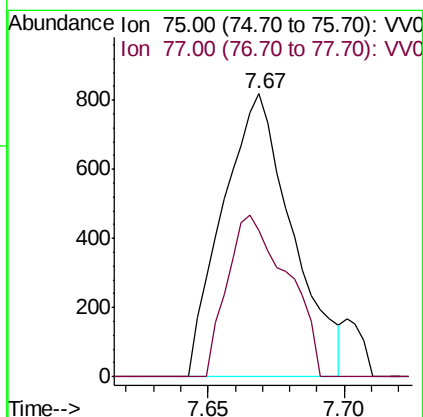
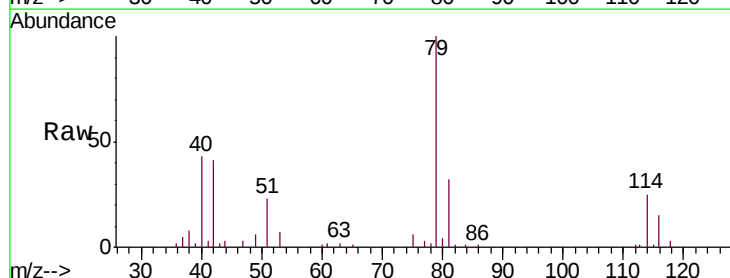
Tgt Ion: 75 Resp: 2155
Ion Ratio Lower Upper
75 100
77 36.0 22.3 41.5

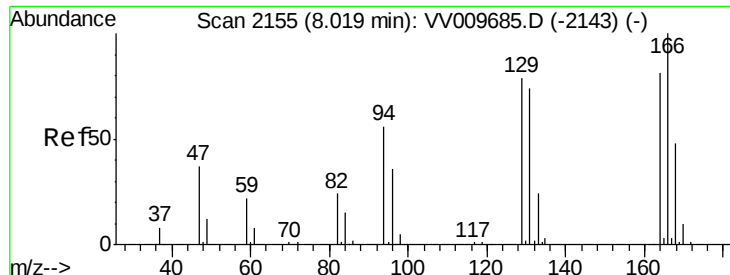


#44

trans-1,3-Dichloropropene
Concen: 1.024 ug/L
RT: 7.67 min Scan# 2046
Delta R.T. -0.03 min
Lab File: VV009690.D
Acq: 15 Mar 2019 17:03

Tgt Ion: 75 Resp: 1446
Ion Ratio Lower Upper
75 100
77 51.8 21.6 40.2#





#46

Tetrachloroethene

Concen: 12.421 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV009690.D

Acq: 15 Mar 2019 17:03

Instrument :

MSVOA_V

ClientSampleId :

BF0T0

Tgt Ion:164 Resp: 9644

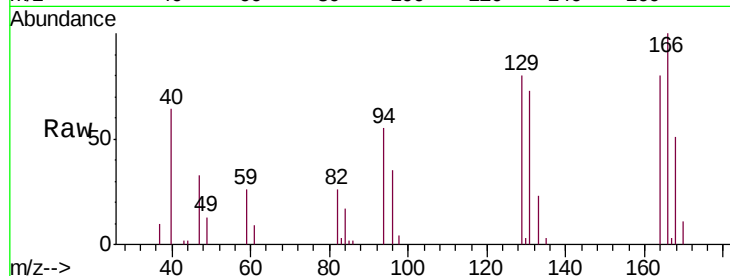
Ion Ratio Lower Upper

164 100

129 99.5 70.8 131.6

131 90.9 68.3 126.9

166 124.3 89.5 166.3

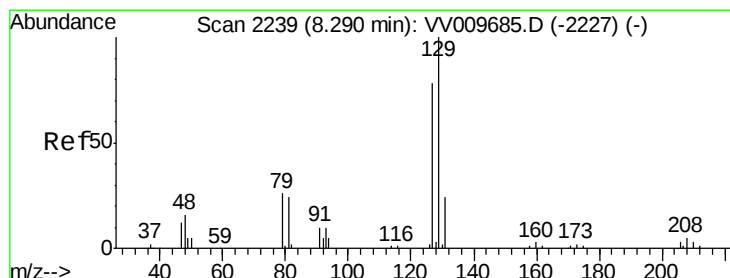
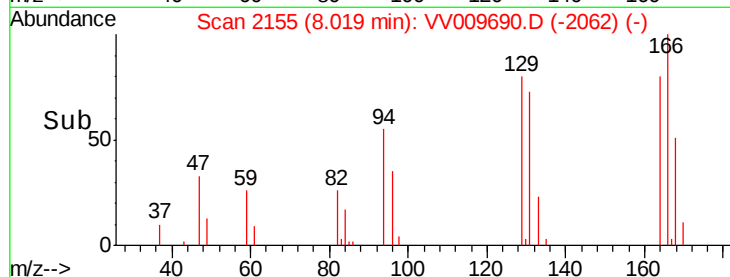
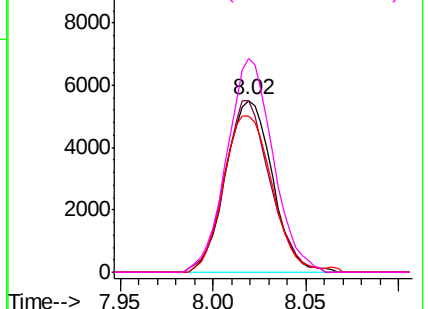


Abundance Ion 164.00 (163.70 to 164.70): V

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



#49

Dibromochloromethane

Concen: 8.425 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.27 min

Lab File: VV009690.D

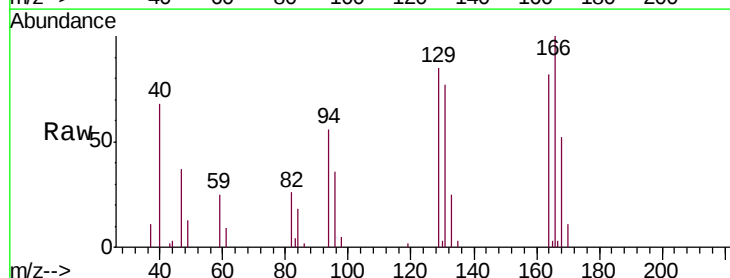
Acq: 15 Mar 2019 17:03

Tgt Ion:129 Resp: 9121

Ion Ratio Lower Upper

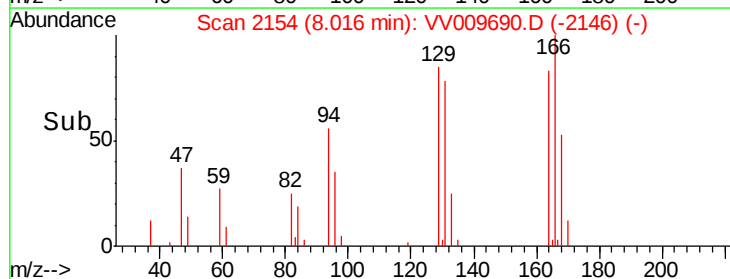
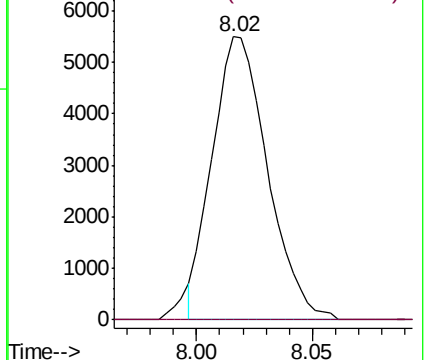
129 100

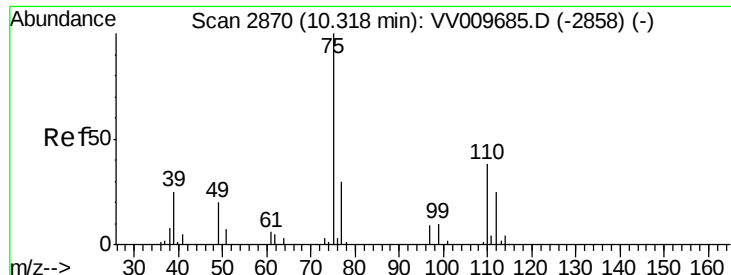
127 0.0 53.3 99.1#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#59

1,2,3-Trichloropropane

Concen: 7.030 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV009690.D

Acq: 15 Mar 2019 17:03

Instrument :

MSVOA_V

ClientSampleId :

BF0T0

Tgt Ion: 75 Resp: 8990

Ion Ratio Lower Upper

75 100

77 39.3 26.6 40.0

