

Data File : VV009694.D
Acq On : 15 Mar 2019 18:41
Operator : SY/MD
Sample : K1939-11
Misc : 3.66g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0T4

Quant Time: Mar 16 02:37:02 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	154295	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	156208	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	66839	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36341	39.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.60%
7) Chloroethane-d5	1.55	69	23583	24.81	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	49.62%#
11) 1,1-Dichloroethene-d2	2.09	63	85046	35.30	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.60%
21) 2-Butanone-d5	3.95	46	69350	102.76	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.76%
24) Chloroform-d	4.40	84	91419	45.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.66%
26) 1,2-Dichloroethane-d4	5.08	65	64269	48.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.38%
32) Benzene-d6	5.09	84	191439	47.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.26%
36) 1,2-Dichloropropane-d6	6.12	67	57732	47.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.06%
41) Toluene-d8	7.36	98	179971	45.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.96%
43) trans-1,3-Dichloropropene-	7.67	79	26334	41.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.96%
47) 2-Hexanone-d5	8.14	63	57485	108.21	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.21%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	94172	48.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.54%
64) 1,2-Dichlorobenzene-d4	11.68	152	68711	48.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.46%

Target Compounds

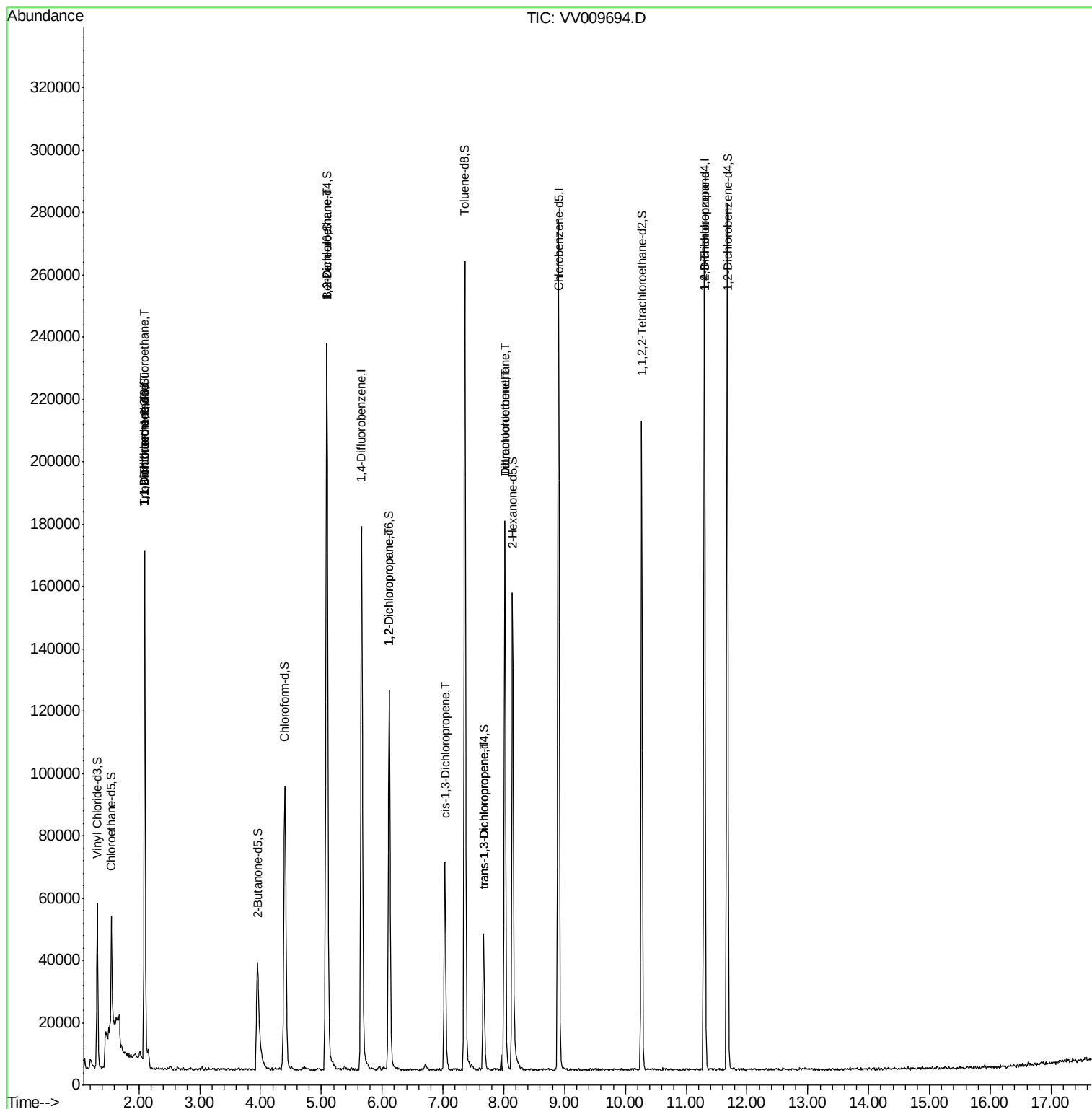
						Qvalue
9) Trichlorofluoromethane	2.10	101	770	0.365	ug/L #	30
10) 1,1,2-Trichloro-1,2,2-trif	2.10	101	770	0.659	ug/L #	19
12) 1,1-Dichloroethene	2.09	96	799	0.799	ug/L #	1
27) 1,2-Dichloroethane	5.09	62	750	0.507	ug/L #	78
37) 1,2-Dichloropropane	6.12	63	6824	6.829	ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	2013	1.264	ug/L #	81
44) trans-1,3-Dichloropropene	7.67	75	957	0.640	ug/L	85
46) Tetrachloroethene	8.02	164	36258	44.075	ug/L	100
49) Dibromochloromethane	8.02	129	34487	30.065	ug/L #	11
59) 1,2,3-Trichloropropane	11.30	75	9960	7.351	ug/L	95

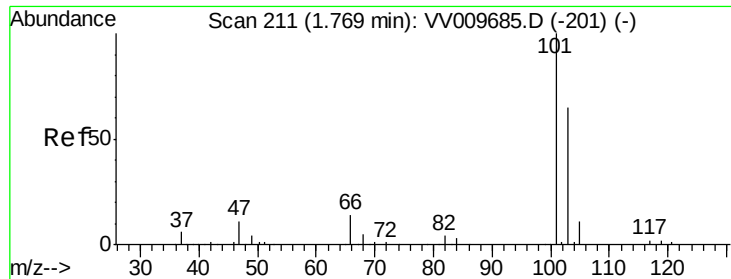
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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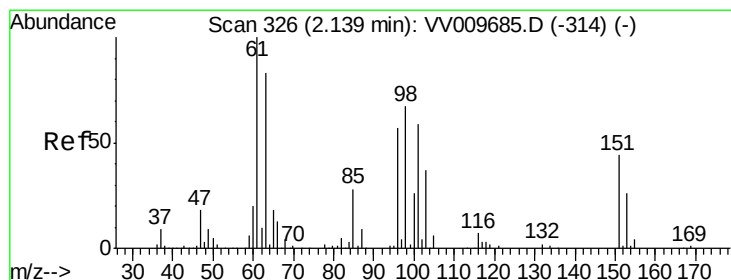
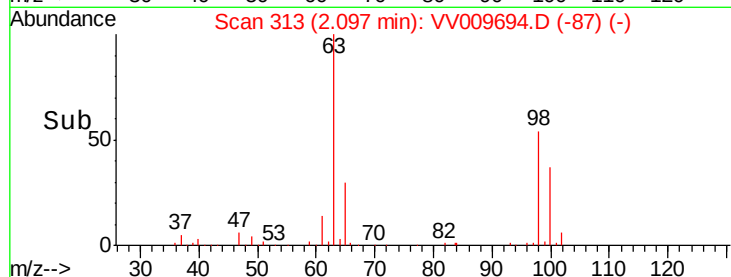
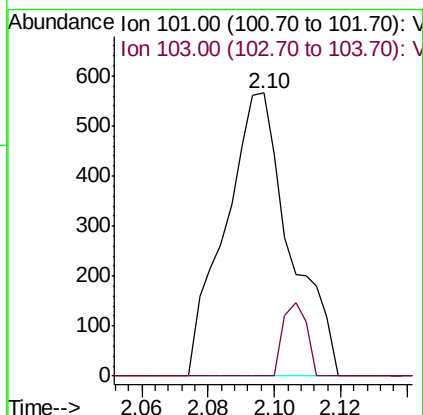
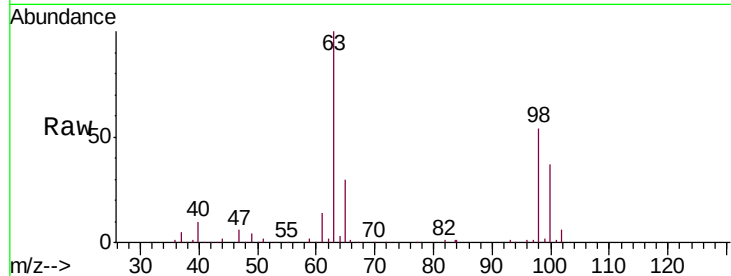


#9

Trichlorofluoromethane
Concen: 0.365 ug/L
RT: 2.10 min Scan# 313
Delta R.T. 0.33 min
Lab File: VV009694.D
Acq: 15 Mar 2019 18:41

Instrument :
MSVOA_V
ClientSampleId :
BF0T4

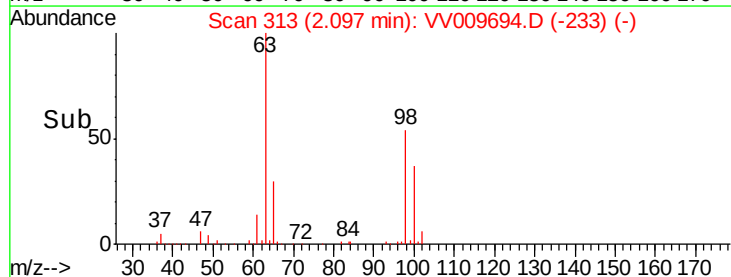
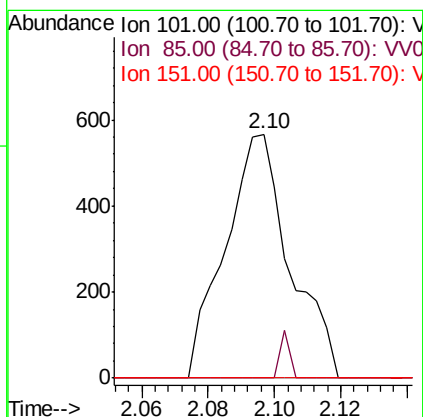
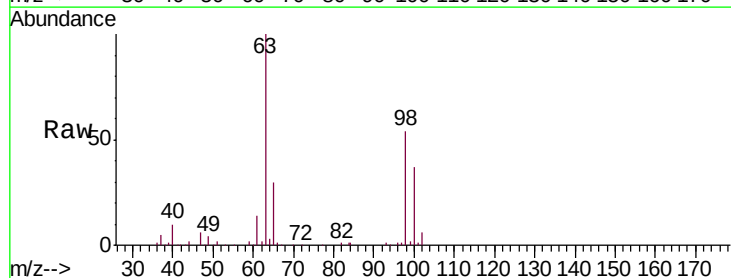
Tgt Ion:101 Resp: 770
Ion Ratio Lower Upper
101 100
103 9.4 51.8 77.6#

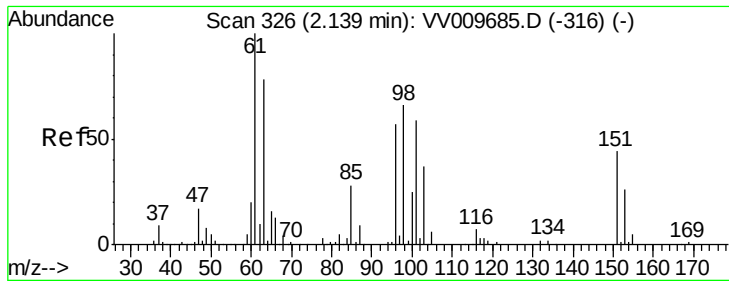


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.659 ug/L
RT: 2.10 min Scan# 313
Delta R.T. -0.04 min
Lab File: VV009694.D
Acq: 15 Mar 2019 18:41

Tgt Ion:101 Resp: 770
Ion Ratio Lower Upper
101 100
85 0.0 37.8 56.6#
151 0.0 59.6 89.4#

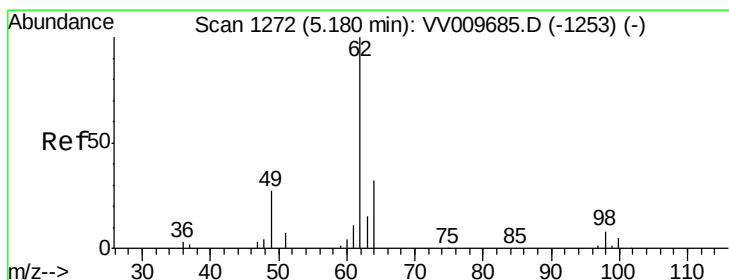
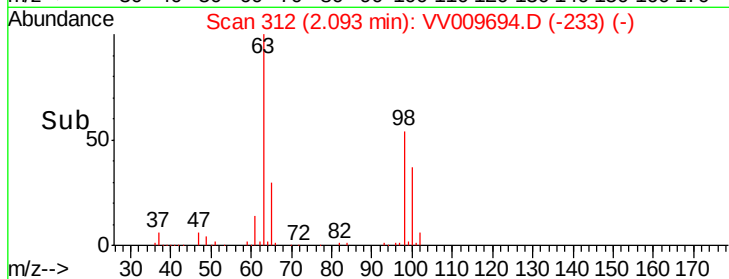
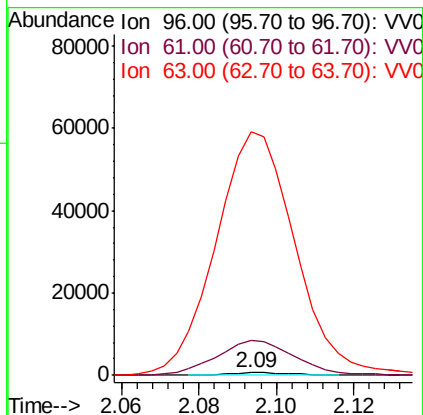
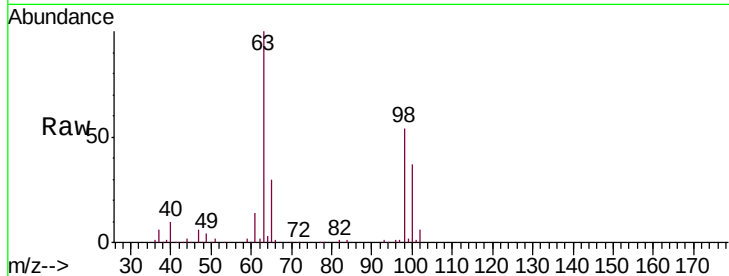




#12
 1,1-Dichloroethene
 Concen: 0.799 ug/L
 RT: 2.09 min Scan# 312
 Delta R.T. -0.05 min
 Lab File: VV009694.D
 Acq: 15 Mar 2019 18:41

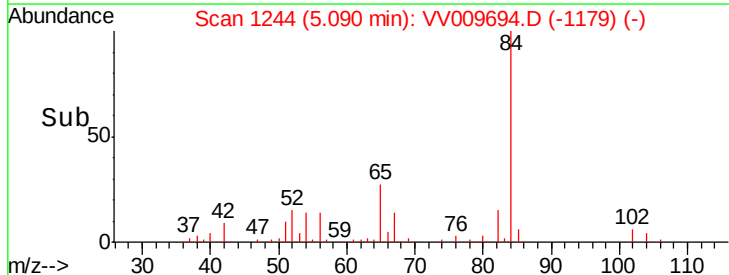
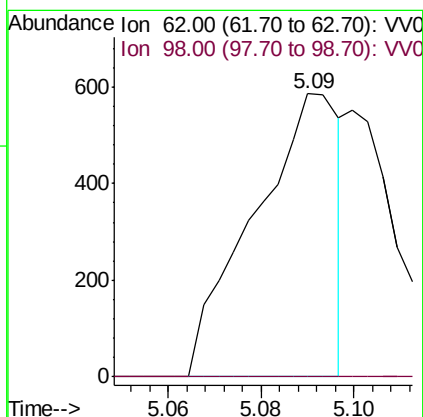
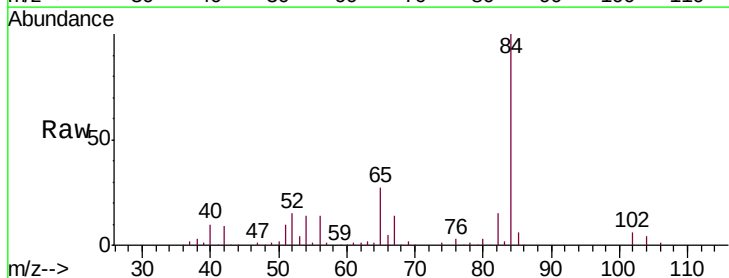
Instrument :
 MSVOA_V
 ClientSampled :
 BF0T4

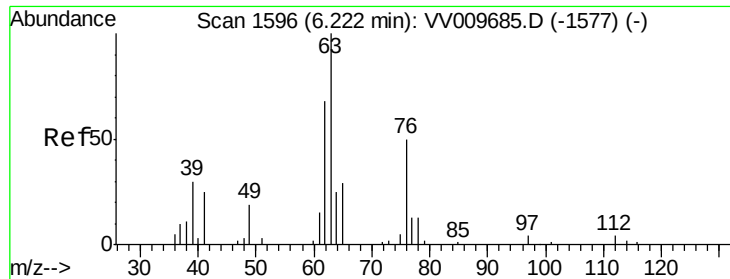
Tgt Ion: 96 Resp: 799
 Ion Ratio Lower Upper
 96 100
 61 1377.0 122.1 226.7#
 63 9699.7 107.6 199.8#



#27
 1,2-Dichloroethane
 Concen: 0.507 ug/L
 RT: 5.09 min Scan# 1244
 Delta R.T. -0.09 min
 Lab File: VV009694.D
 Acq: 15 Mar 2019 18:41

Tgt Ion: 62 Resp: 750
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.2 9.4#

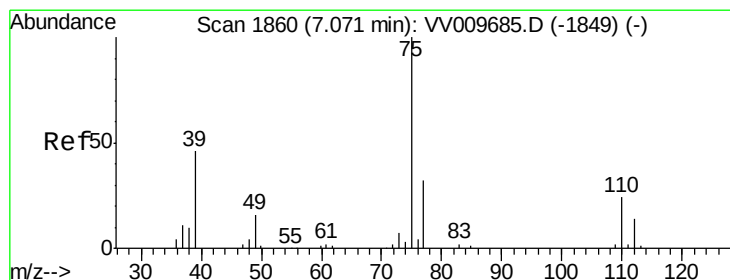
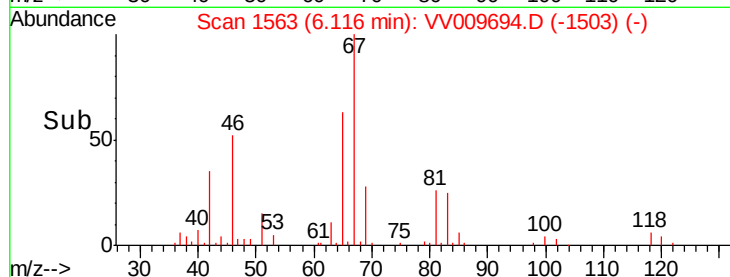
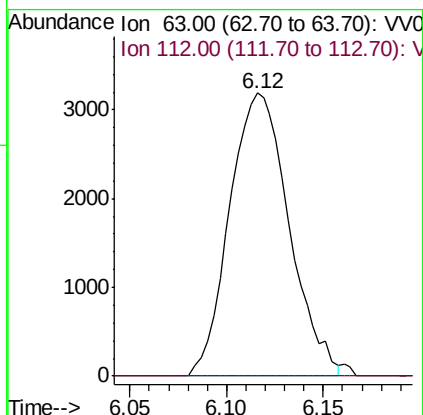
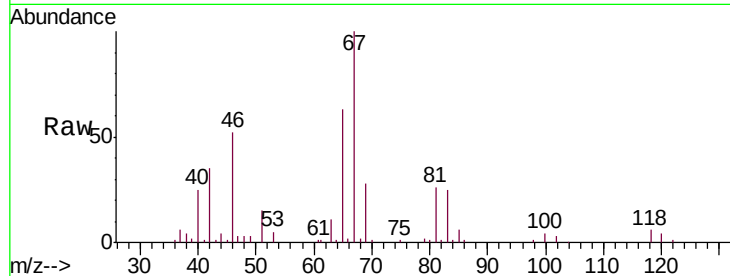




#37
 1,2-Dichloropropane
 Concen: 6.829 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.11 min
 Lab File: VV009694.D
 Acq: 15 Mar 2019 18:41

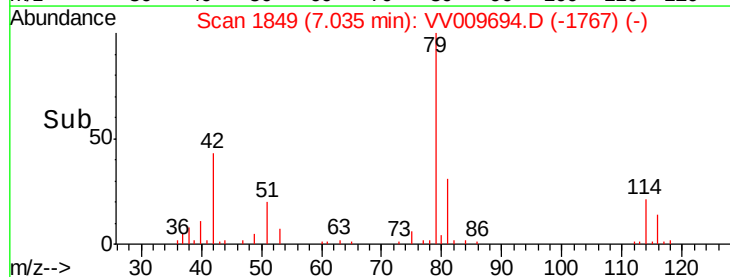
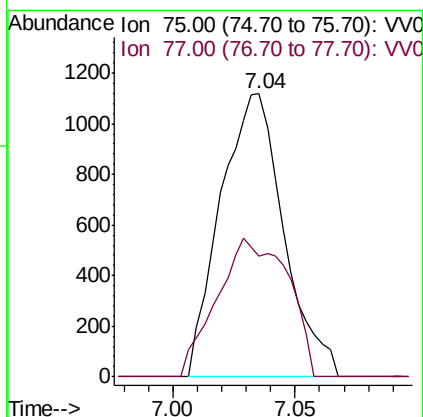
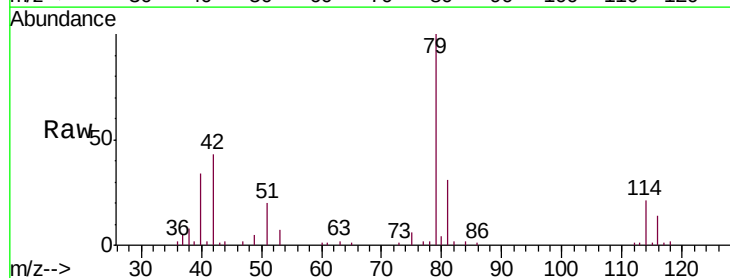
Instrument :
 MSVOA_V
 ClientSampleId :
 BF0T4

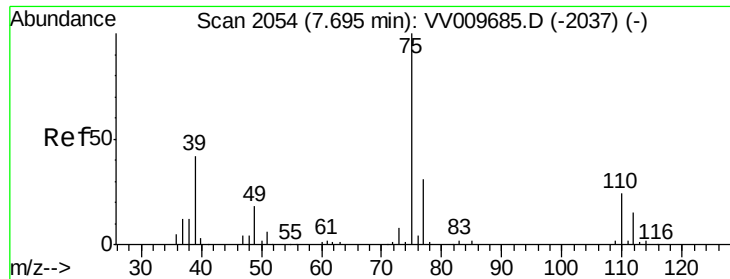
Tgt Ion: 63 Resp: 6824
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 1.264 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV009694.D
 Acq: 15 Mar 2019 18:41

Tgt Ion: 75 Resp: 2013
 Ion Ratio Lower Upper
 75 100
 77 42.6 22.3 41.5#





#44

trans-1,3-Dichloropropene

Concen: 0.640 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV009694.D

Acq: 15 Mar 2019 18:41

Instrument :

MSVOA_V

ClientSampled :

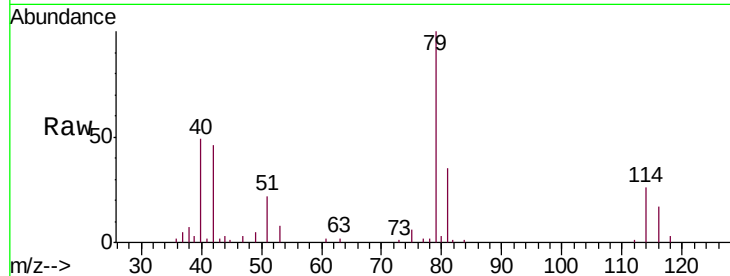
BF0T4

Tgt Ion: 75 Resp: 957

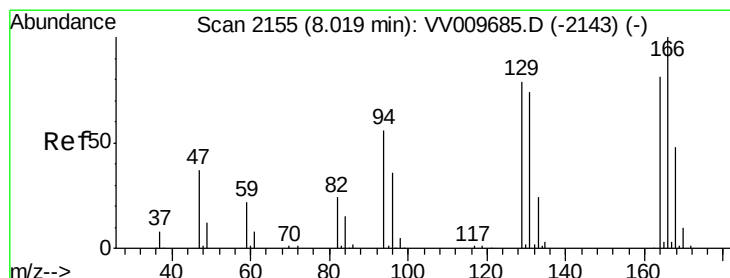
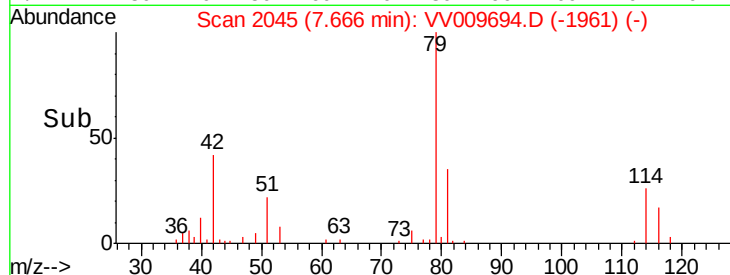
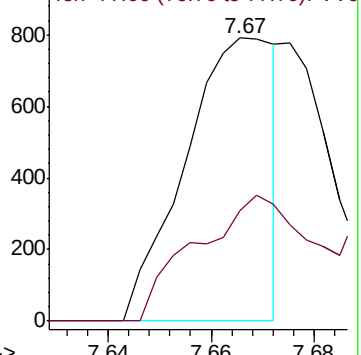
Ion Ratio Lower Upper

75 100

77 38.9 21.6 40.2



Abundance Ion 75.00 (74.70 to 75.70): VV009685.D (-2037) (-)



#46

Tetrachloroethene

Concen: 44.075 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV009694.D

Acq: 15 Mar 2019 18:41

Tgt Ion:164 Resp: 36258

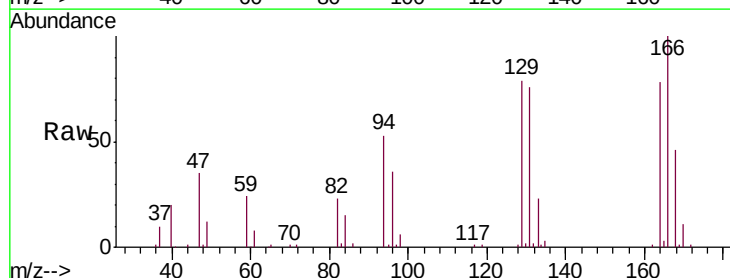
Ion Ratio Lower Upper

164 100

129 101.3 70.8 131.6

131 96.5 68.3 126.9

166 127.7 89.5 166.3

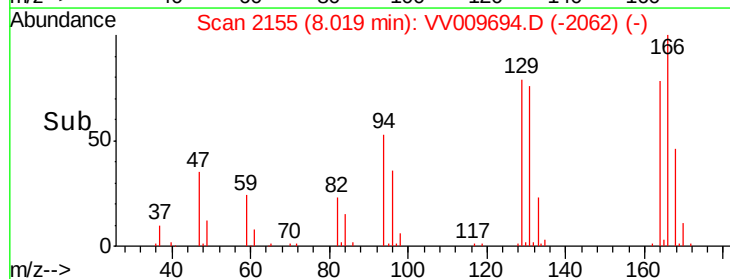
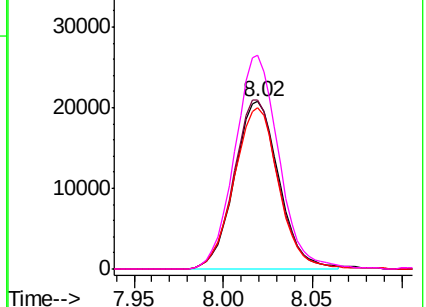


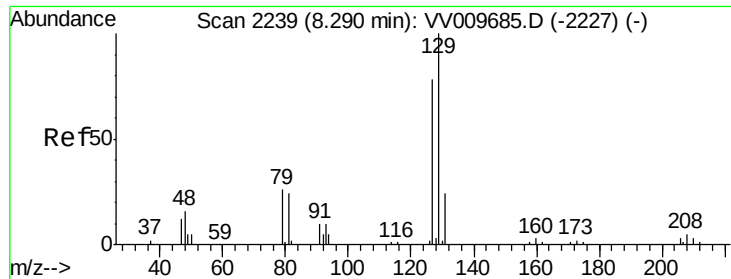
Abundance Ion 164.00 (163.70 to 164.70): VV009685.D (-2143) (-)

Ion 129.00 (128.70 to 129.70): VV009685.D (-2143) (-)

Ion 131.00 (130.70 to 131.70): VV009685.D (-2143) (-)

Ion 166.00 (165.70 to 166.70): VV009685.D (-2143) (-)





#49

Dibromochloromethane

Concen: 30.065 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV009694.D

Acq: 15 Mar 2019 18:41

Instrument :

MSVOA_V

ClientSampleId :

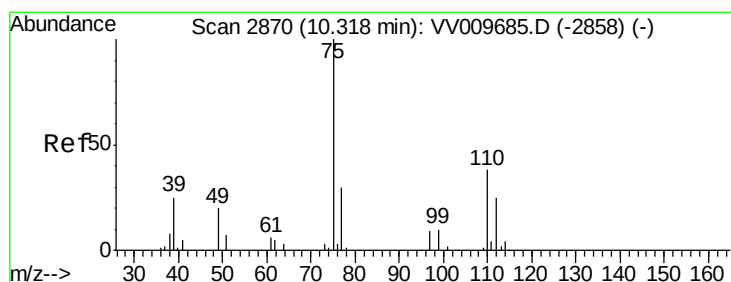
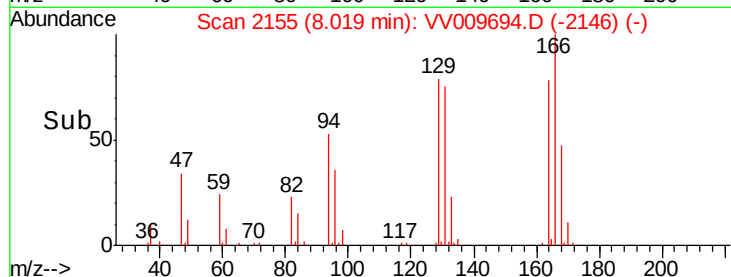
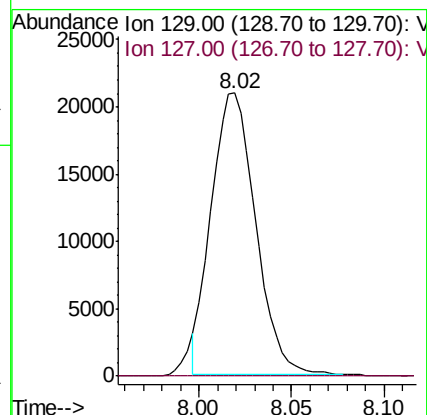
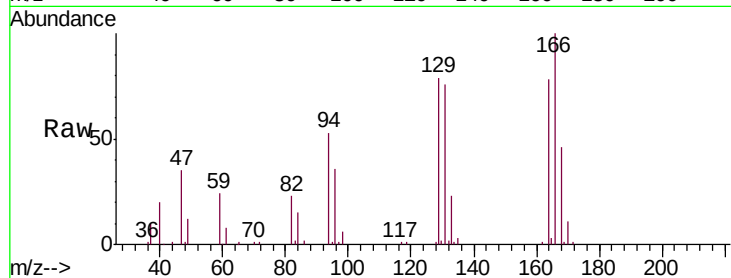
BF0T4

Tgt Ion:129 Resp: 34487

Ion Ratio Lower Upper

129 100

127 0.0 53.3 99.1#



#59

1,2,3-Trichloropropane

Concen: 7.351 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV009694.D

Acq: 15 Mar 2019 18:41

Tgt Ion: 75 Resp: 9960

Ion Ratio Lower Upper

75 100

77 36.0 26.6 40.0

