

Data File : VV009695.D
Acq On : 15 Mar 2019 19:05
Operator : SY/MD
Sample : K1939-12
Misc : 5.71g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0T5

Quant Time: Mar 16 02:37:13 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	159362	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	160569	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	70874	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35066	37.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.36%
7) Chloroethane-d5	1.55	69	22878	23.30	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	46.60%#
11) 1,1-Dichloroethene-d2	2.10	63	85206	34.24	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.48%
21) 2-Butanone-d5	3.95	46	66545	95.47	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.47%
24) Chloroform-d	4.40	84	91073	44.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.08	65	64375	47.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.44%
32) Benzene-d6	5.09	84	188464	45.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.28%
36) 1,2-Dichloropropane-d6	6.12	67	58160	46.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.16%
41) Toluene-d8	7.36	98	177852	43.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.44%
43) trans-1,3-Dichloropropene-	7.67	79	26293	40.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.56%
47) 2-Hexanone-d5	8.14	63	55621	101.86	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.86%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	93458	46.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	67940	45.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.88%

Target Compounds

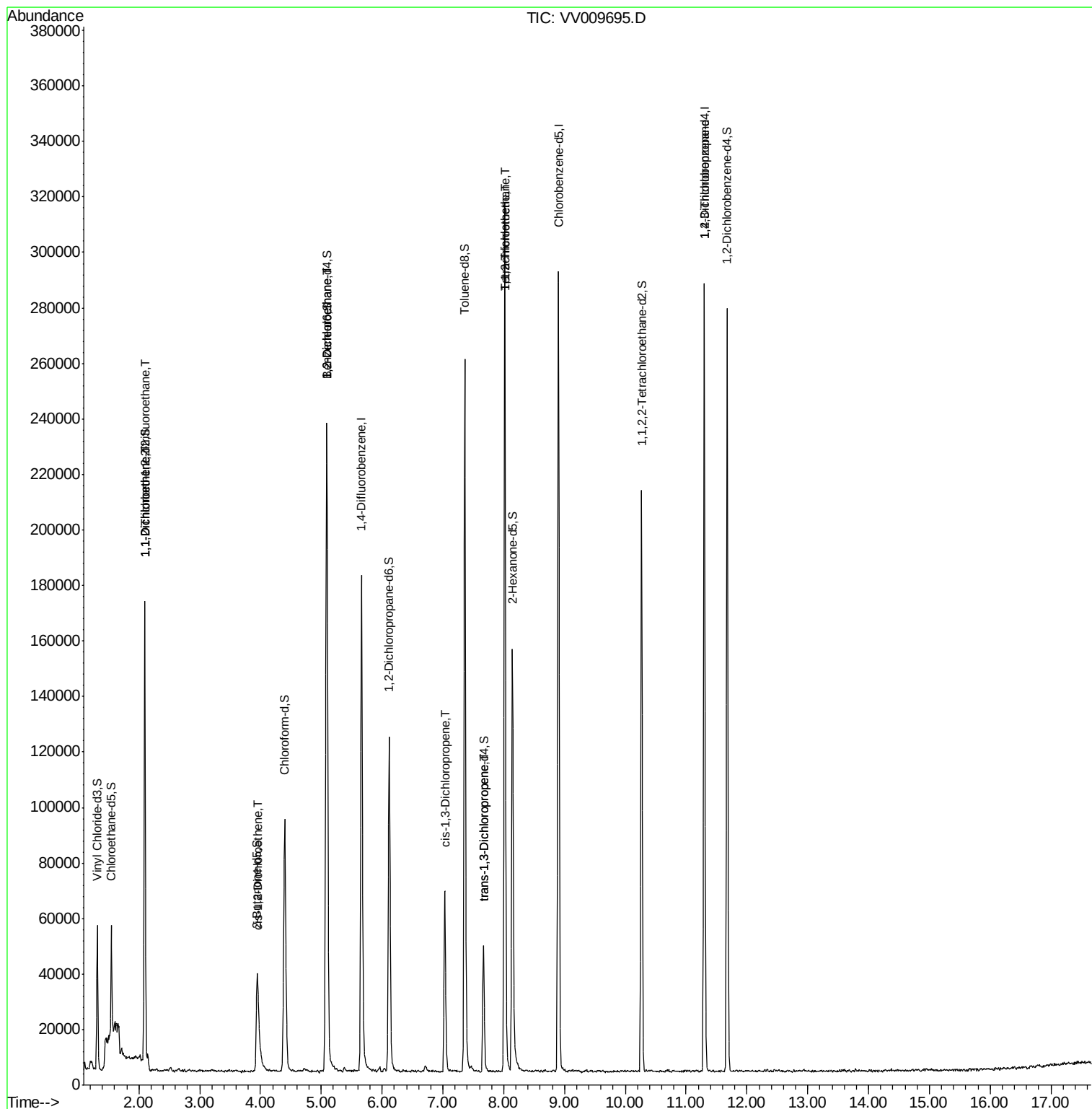
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.10	101	797	0.661	ug/L #	19
12) 1,1-Dichloroethene	2.10	96	755	0.731	ug/L #	1
20) cis-1,2-Dichloroethene	3.96	96	749	0.684	ug/L #	61
27) 1,2-Dichloroethane	5.09	62	1071	0.701	ug/L #	78
39) cis-1,3-Dichloropropene	7.03	75	1184	0.723	ug/L #	71
44) trans-1,3-Dichloropropene	7.66	75	1121	0.729	ug/L	96
45) 1,1,2-Trichloroethane	8.02	97	645	0.609	ug/L #	20
46) Tetrachloroethene	8.02	164	65383	77.320	ug/L	95
59) 1,2,3-Trichloropropane	11.30	75	9655	6.933	ug/L	90

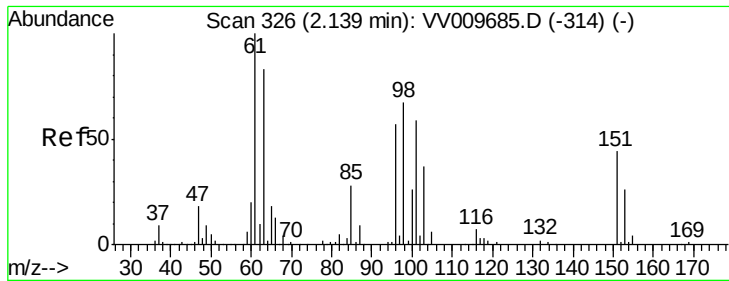
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 16 02:32:06 2019
Response via : Initial Calibration





#10

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

Concen: 0.661 ug/L

RT: 2.10 min Scan# 314

Delta R.T. -0.04 min

Lab File: VV009695.D

Acq: 15 Mar 2019 19:05

Instrument :

MSVOA_V

ClientSampleId :

BF0T5

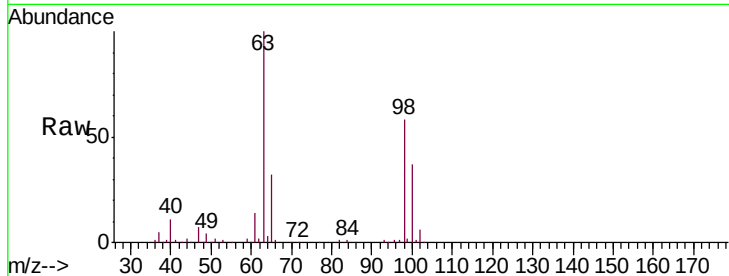
Tgt Ion:101 Resp: 797

Ion Ratio Lower Upper

101 100

85 0.0 37.8 56.6#

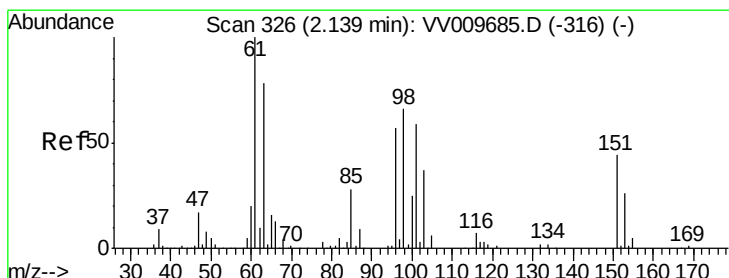
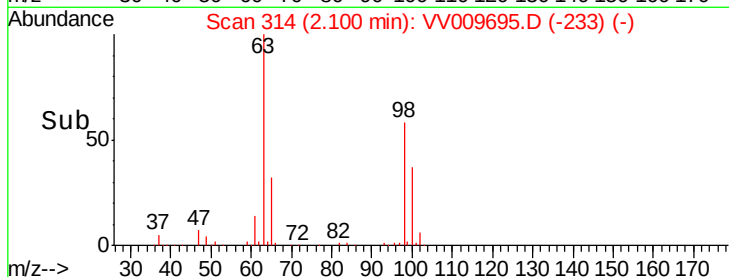
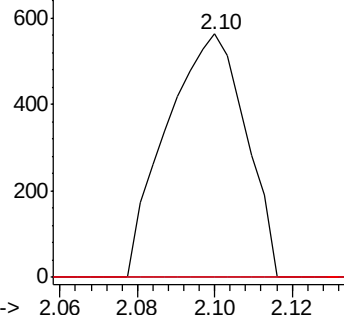
151 0.0 59.6 89.4#



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: 0.731 ug/L

RT: 2.10 min Scan# 314

Delta R.T. -0.04 min

Lab File: VV009695.D

Acq: 15 Mar 2019 19:05

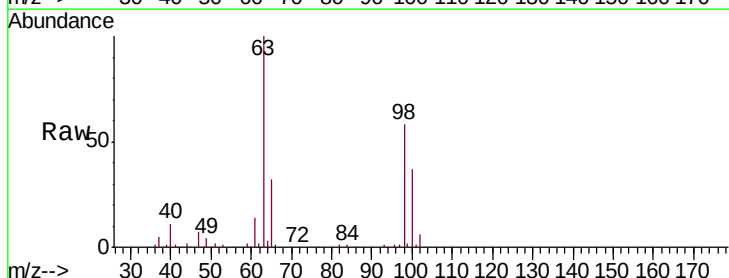
Tgt Ion: 96 Resp: 755

Ion Ratio Lower Upper

96 100

61 1382.3 122.1 226.7#

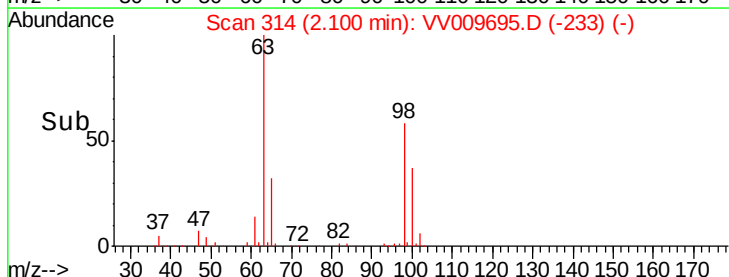
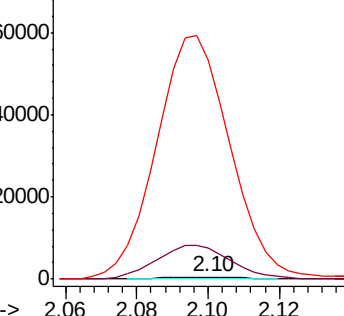
63 9821.0 107.6 199.8#

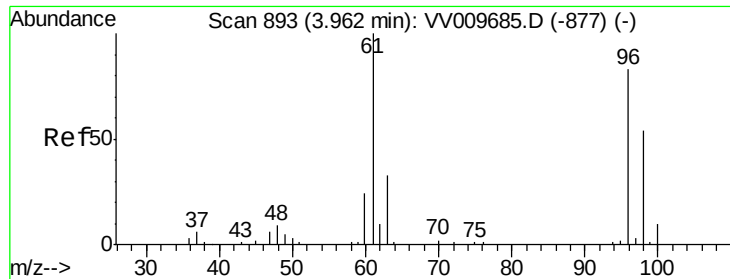


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

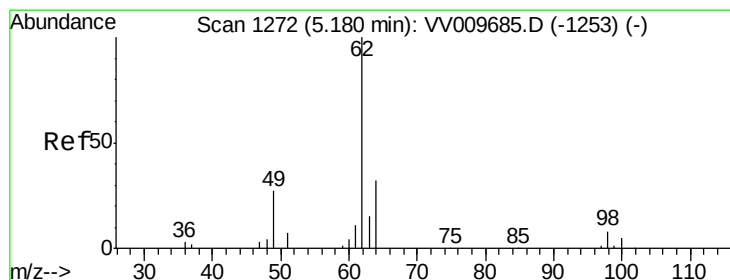
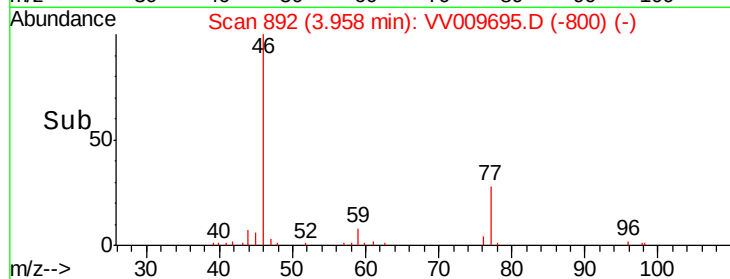
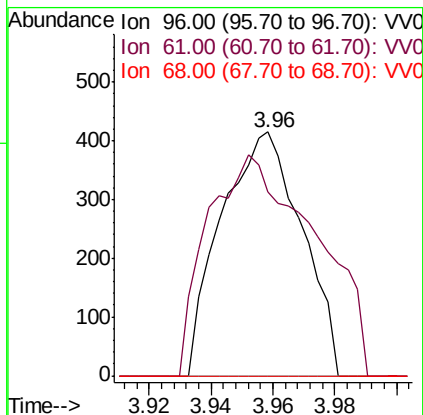
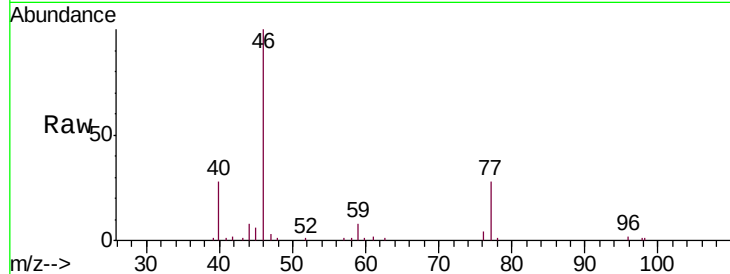




#20
 cis-1,2-Dichloroethene
 Concen: 0.684 ug/L
 RT: 3.96 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: VV009695.D
 Acq: 15 Mar 2019 19:05

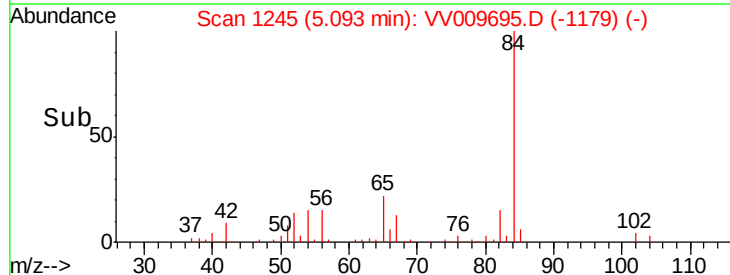
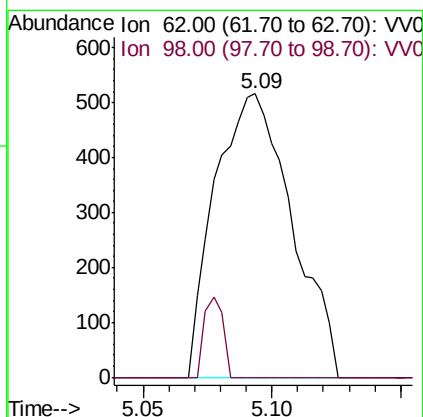
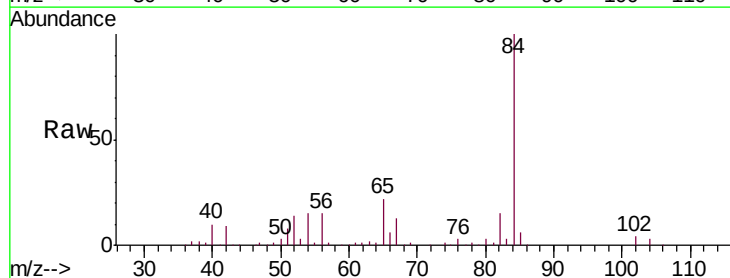
Instrument :
 MSVOA_V
 ClientSampled :
 BF0T5

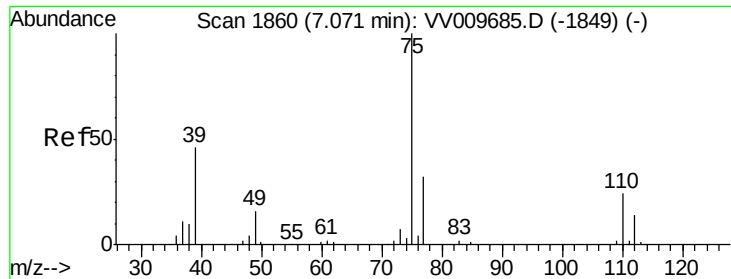
Tgt Ion: 96 Resp: 749
 Ion Ratio Lower Upper
 96 100
 61 75.2 82.4 153.0#
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.701 ug/L
 RT: 5.09 min Scan# 1245
 Delta R.T. -0.09 min
 Lab File: VV009695.D
 Acq: 15 Mar 2019 19:05

Tgt Ion: 62 Resp: 1071
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.2 9.4#

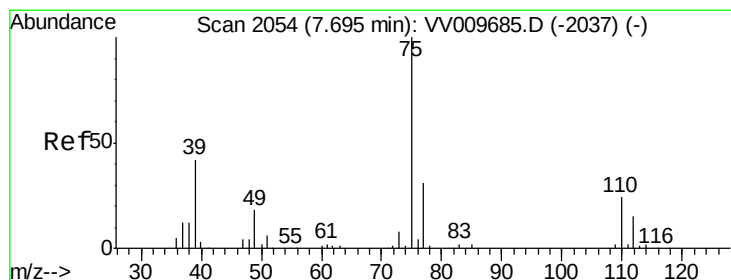
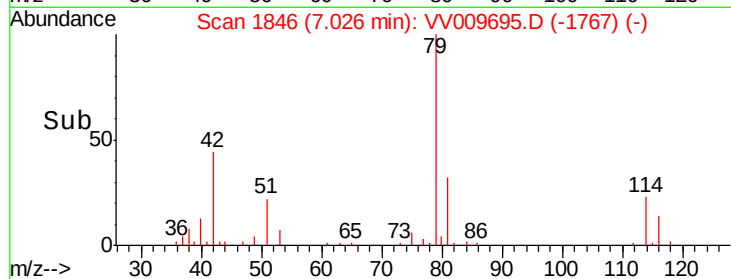
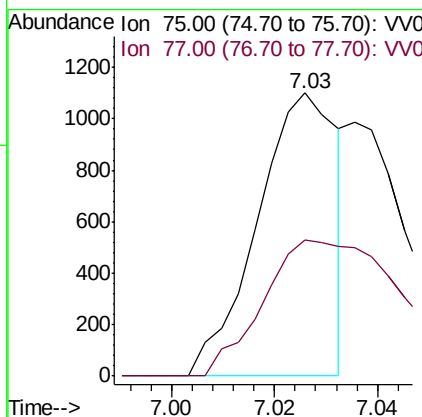
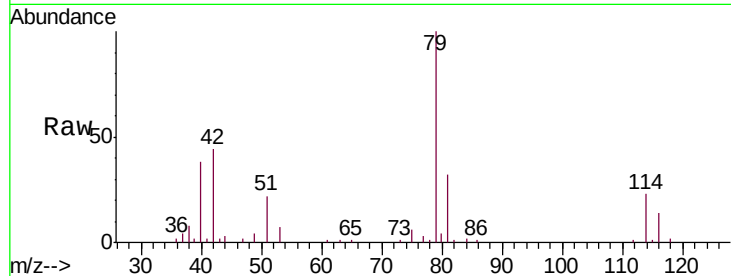




#39
 cis-1,3-Dichloropropene
 Concen: 0.723 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.05 min
 Lab File: VV009695.D
 Acq: 15 Mar 2019 19:05

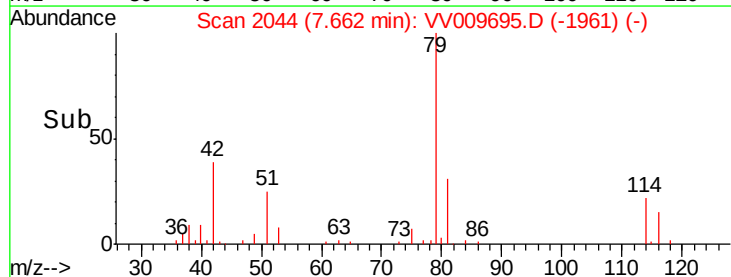
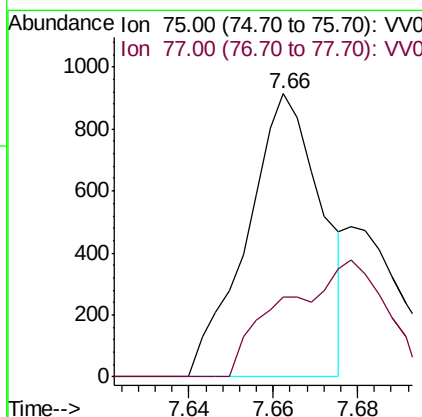
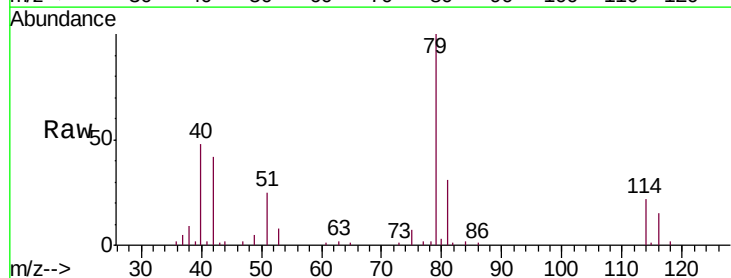
Instrument :
 MSVOA_V
 ClientSampleId :
 BF0T5

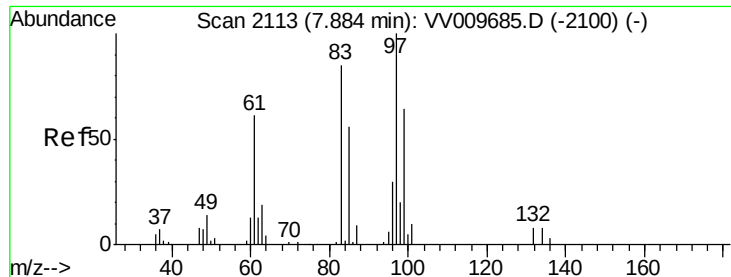
Tgt Ion: 75 Resp: 1184
 Ion Ratio Lower Upper
 75 100
 77 47.9 22.3 41.5#



#44
 trans-1,3-Dichloropropene
 Concen: 0.729 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV009695.D
 Acq: 15 Mar 2019 19:05

Tgt Ion: 75 Resp: 1121
 Ion Ratio Lower Upper
 75 100
 77 28.5 21.6 40.2

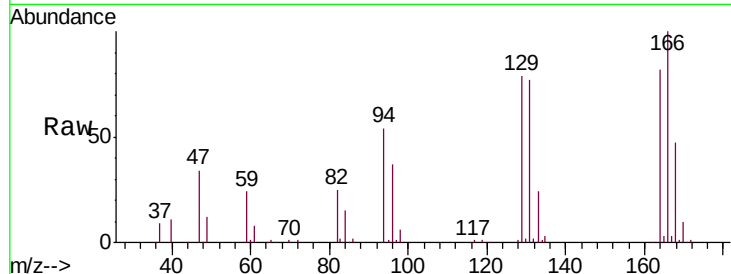




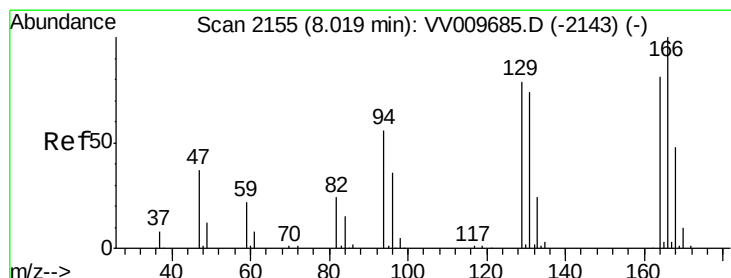
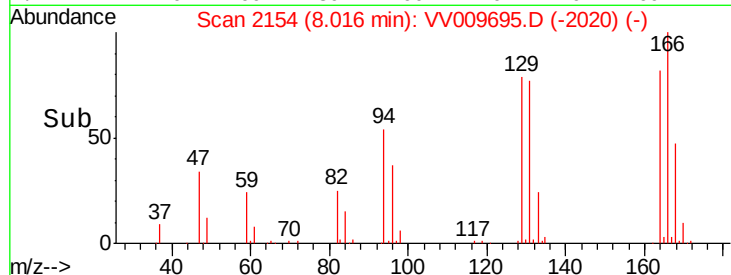
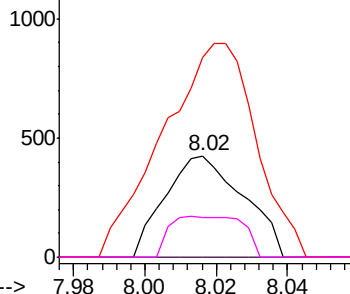
#45
 1,1,2-Trichloroethane
 Concen: 0.609 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. 0.13 min
 Lab File: VV009695.D
 Acq: 15 Mar 2019 19:05

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0T5

Tgt Ion: 97 Resp: 645
 Ion Ratio Lower Upper
 97 100
 99 0.0 44.0 81.8#
 83 196.2 61.5 114.3#
 85 39.7 41.0 76.2#



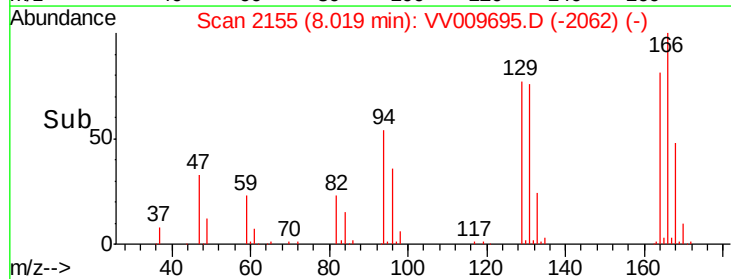
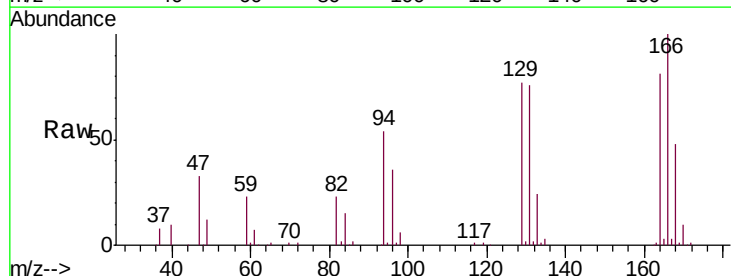
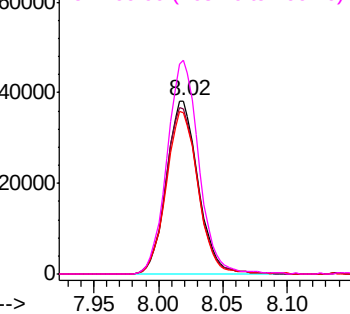
Abundance Ion 97.00 (96.70 to 97.70): VV0
 Ion 99.00 (98.70 to 99.70): VV0
 Ion 83.00 (82.70 to 83.70): VV0
 Ion 85.00 (84.70 to 85.70): VV0

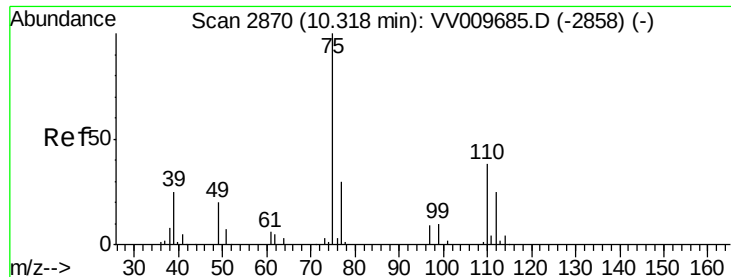


#46
 Tetrachloroethene
 Concen: 77.320 ug/L
 RT: 8.02 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: VV009695.D
 Acq: 15 Mar 2019 19:05

Tgt Ion: 164 Resp: 65383
 Ion Ratio Lower Upper
 164 100
 129 95.5 70.8 131.6
 131 93.2 68.3 126.9
 166 123.4 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





#59

1,2,3-Trichloropropane

Concen: 6.933 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV009695.D

Acq: 15 Mar 2019 19:05

Instrument :

MSVOA_V

ClientSampleId :

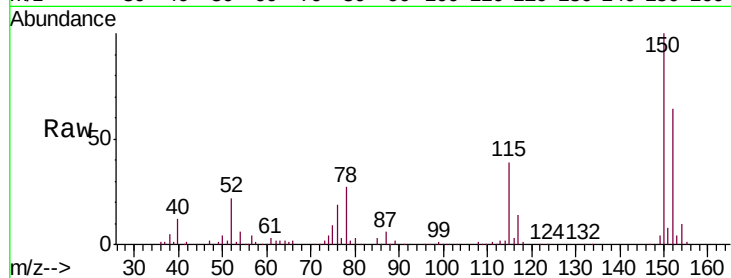
BF0T5

Tgt Ion: 75 Resp: 9655

Ion Ratio Lower Upper

75 100

77 38.7 26.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

