

Data File : VV009611.D
Acq On : 12 Mar 2019 18:17
Operator : SY/MD
Sample : K1789-10ME
Misc : 5.72g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0P6ME

Quant Time: Mar 13 02:23:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031219WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 13 02:20:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	216884	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	220890	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	99984	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52287	40.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.46%
7) Chloroethane-d5	1.55	69	31971	23.93	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	47.86%#
11) 1,1-Dichloroethene-d2	2.10	63	116949	34.53	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.06%
21) 2-Butanone-d5	3.95	46	86820	91.53	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.53%
24) Chloroform-d	4.40	84	124030	44.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.46%
26) 1,2-Dichloroethane-d4	5.08	65	87751	47.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.60%
32) Benzene-d6	5.09	84	258787	45.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.12%
36) 1,2-Dichloropropane-d6	6.12	67	79136	46.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.16%
41) Toluene-d8	7.36	98	254854	45.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.08%
43) trans-1,3-Dichloropropene-	7.67	79	40342	45.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.96%
47) 2-Hexanone-d5	8.14	63	71469	95.14	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.14%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	125951	45.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.30%
64) 1,2-Dichlorobenzene-d4	11.68	152	96769	45.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.76%

Target Compounds

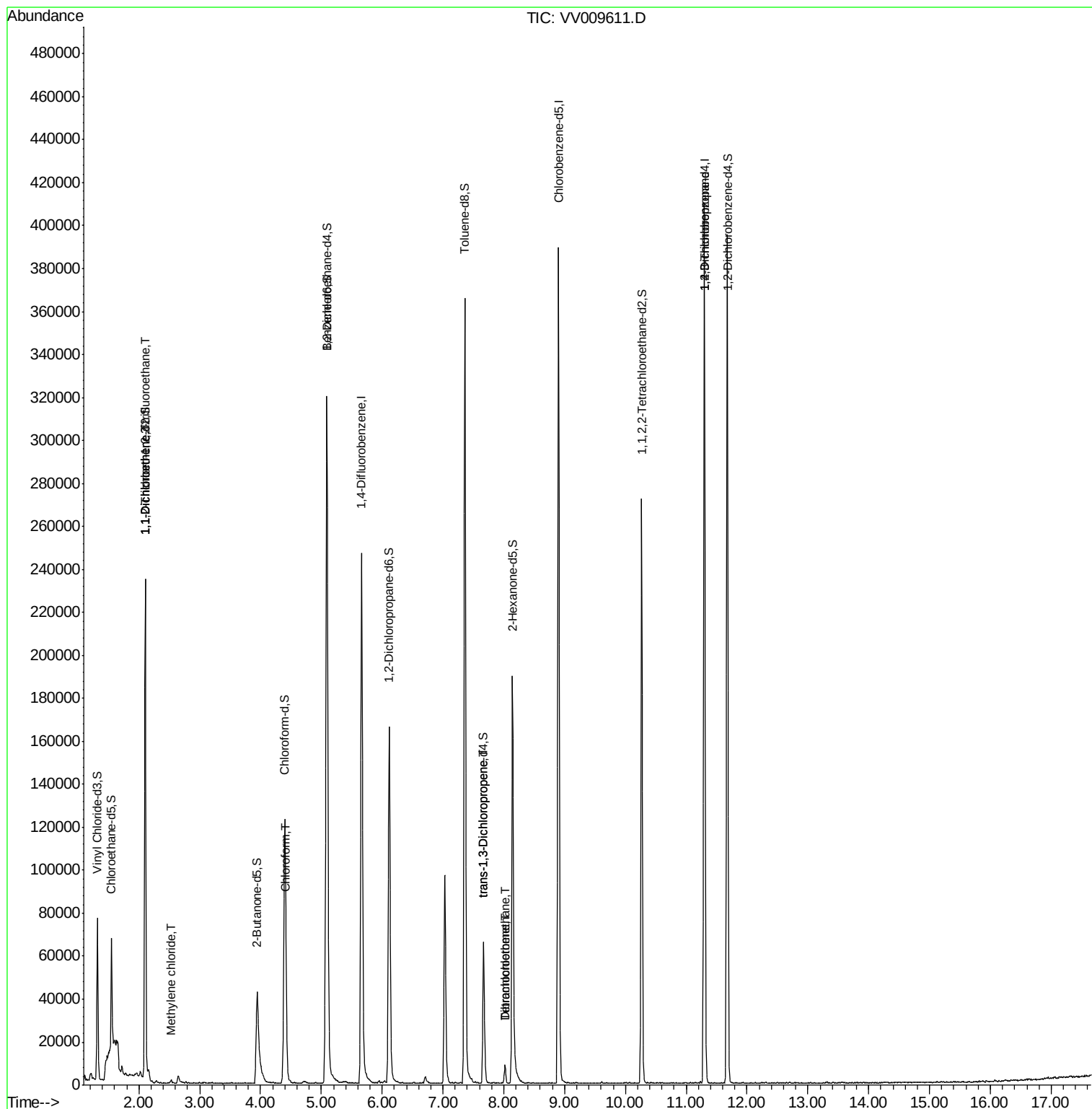
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.10	101	1149	0.700	ug/L #	23
12) 1,1-Dichloroethene	2.10	96	1055	0.751	ug/L #	1
16) Methylene chloride	2.52	84	481	0.352	ug/L	89
25) Chloroform	4.43	83	5994	2.257	ug/L	88
44) trans-1,3-Dichloropropene	7.67	75	2404	1.137	ug/L	90
46) Tetrachloroethene	8.02	164	1748	1.503	ug/L	91
49) Dibromochloromethane	8.01	129	721	0.444	ug/L #	11
59) 1,2,3-Trichloropropane	11.30	75	13727	7.165	ug/L	89

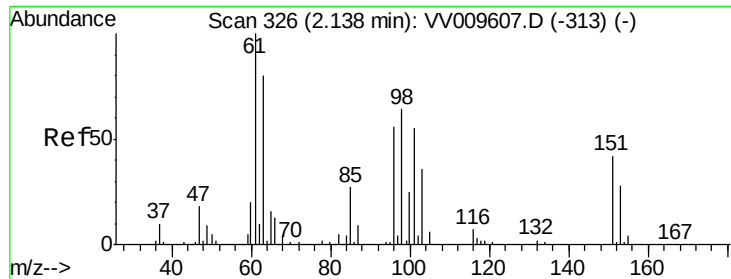
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Mar 13 02:20:07 2019
Response via : Initial Calibration





#10

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

Concen: 0.700 ug/L

RT: 2.10 min Scan# 315

Delta R.T. -0.04 min

Lab File: VV009611.D

Acq: 12 Mar 2019 18:17

Instrument :

MSVOA_V

ClientSampleId :

BFOP6ME

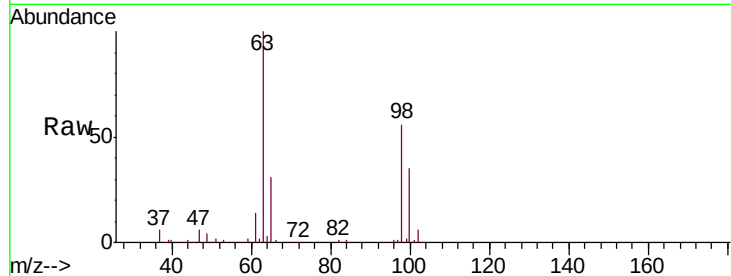
Tgt Ion: 101 Resp: 1149

Ion Ratio Lower Upper

101 100

85 0.0 37.8 56.6#

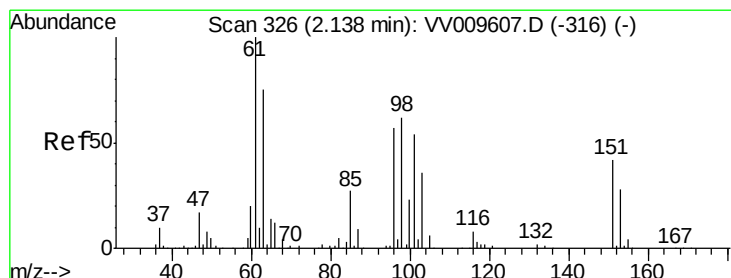
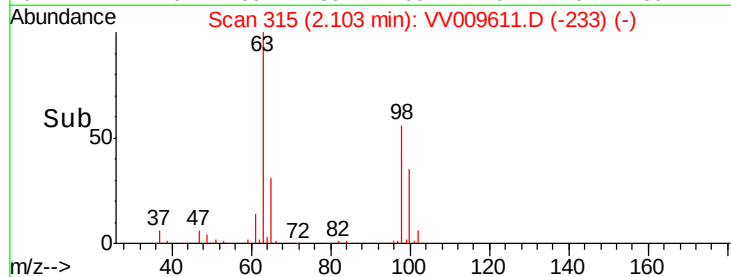
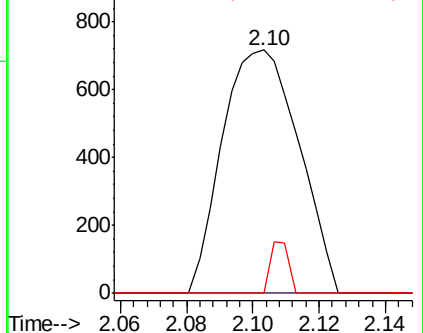
151 5.0 59.6 89.4#



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: 0.751 ug/L

RT: 2.10 min Scan# 315

Delta R.T. -0.04 min

Lab File: VV009611.D

Acq: 12 Mar 2019 18:17

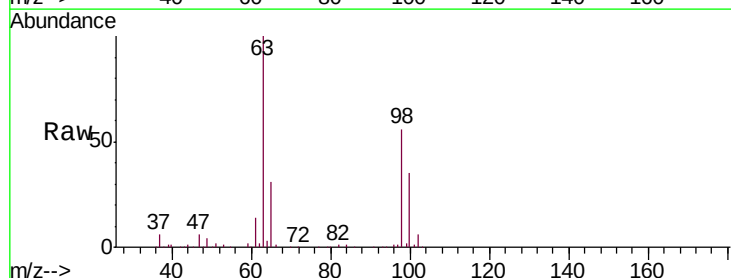
Tgt Ion: 96 Resp: 1055

Ion Ratio Lower Upper

96 100

61 1385.1 122.1 226.7#

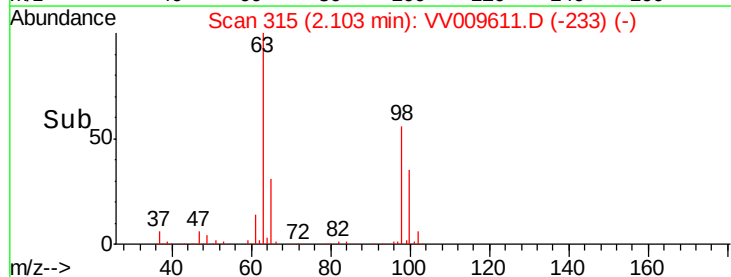
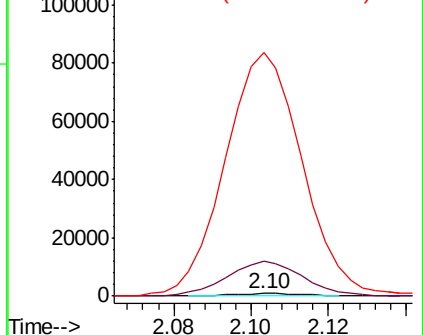
63 9814.1 107.6 199.8#

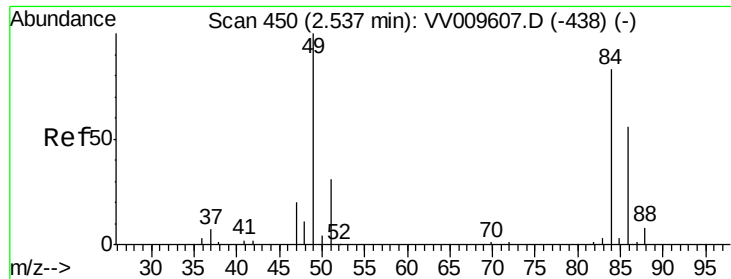


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

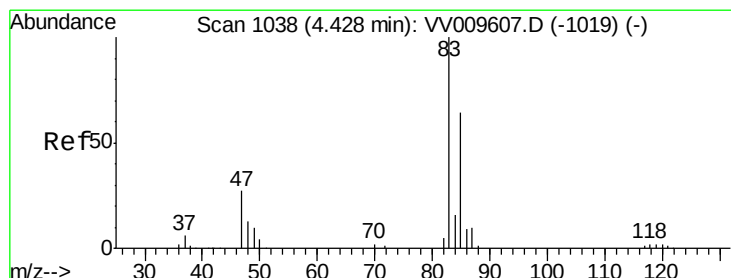
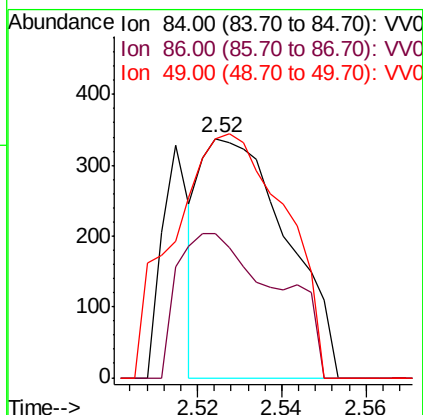
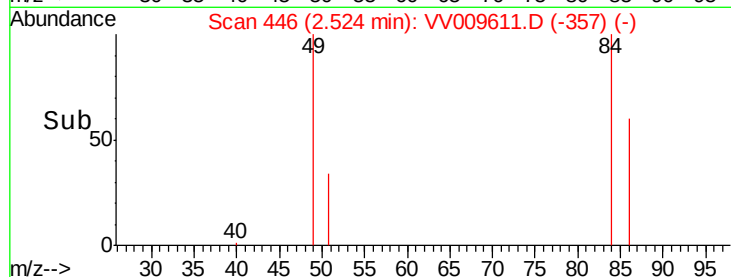
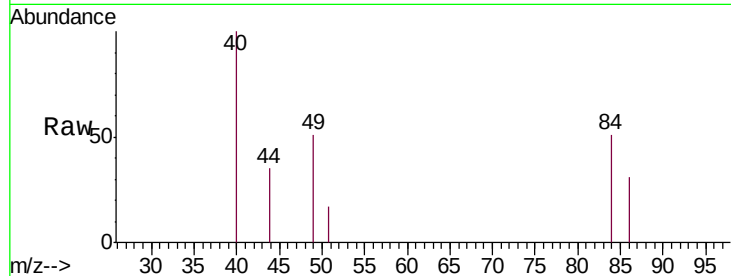




#16
Methylene chloride
Concen: 0.352 ug/L
RT: 2.52 min Scan# 446
Delta R.T. -0.01 min
Lab File: VV009611.D
Acq: 12 Mar 2019 18:17

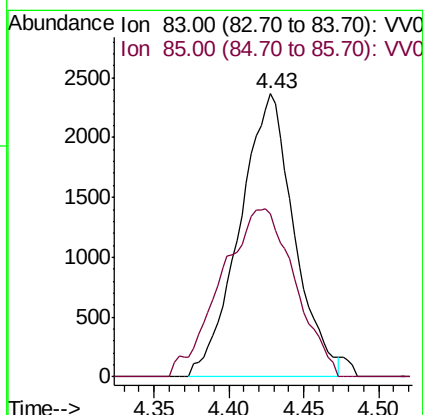
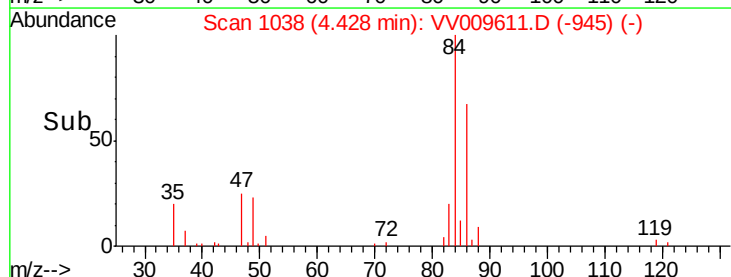
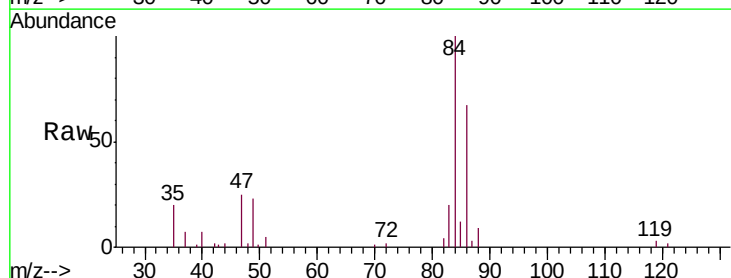
Instrument :
MSVOA_V
ClientSampleId :
BF0P6ME

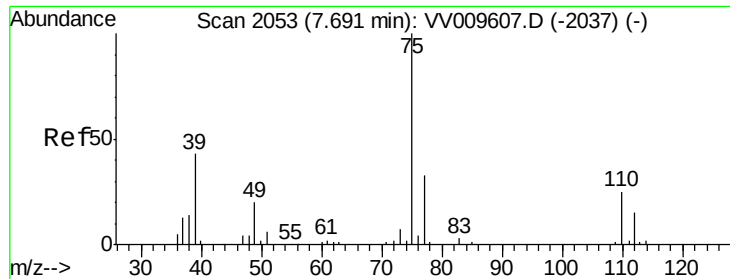
Tgt Ion: 84 Resp: 481
Ion Ratio Lower Upper
84 100
86 60.4 44.0 81.6
49 100.0 82.0 152.4



#25
Chloroform
Concen: 2.257 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV009611.D
Acq: 12 Mar 2019 18:17

Tgt Ion: 83 Resp: 5994
Ion Ratio Lower Upper
83 100
85 57.6 47.0 87.4





#44

trans-1,3-Dichloropropene

Concen: 1.137 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV009611.D

Acq: 12 Mar 2019 18:17

Instrument :

MSVOA_V

ClientSampleId :

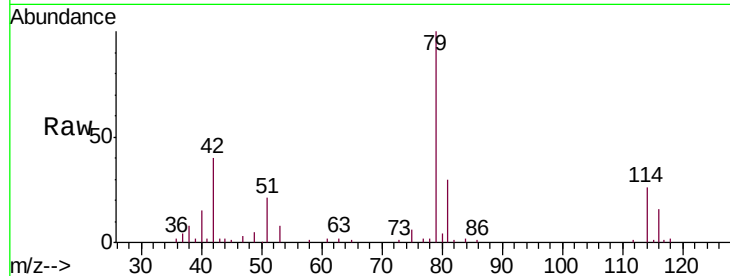
BF0P6ME

Tgt Ion: 75 Resp: 2404

Ion Ratio Lower Upper

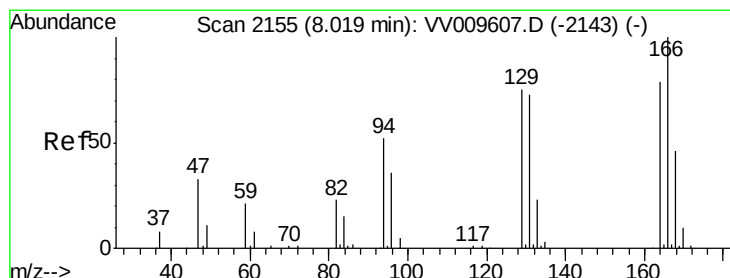
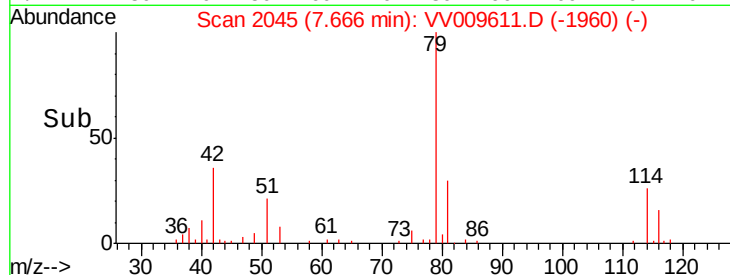
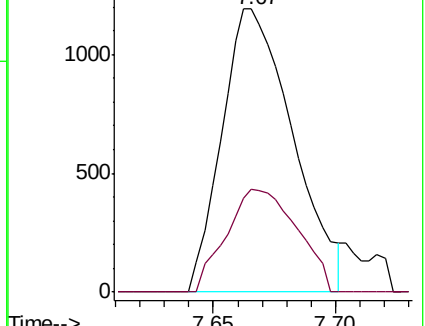
75 100

77 36.4 21.6 40.2



Abundance Ion 75.00 (74.70 to 75.70): VV009607.D (-2037) (-)

Ion 77.00 (76.70 to 77.70): VV009607.D (-2037) (-)



#46

Tetrachloroethene

Concen: 1.503 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV009611.D

Acq: 12 Mar 2019 18:17

Tgt Ion:164 Resp: 1748

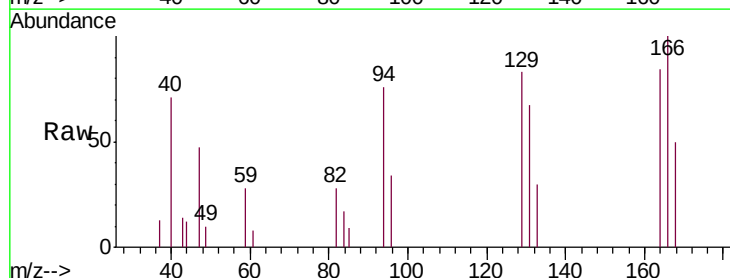
Ion Ratio Lower Upper

164 100

129 98.6 70.8 131.6

131 80.2 68.3 126.9

166 119.4 89.5 166.3

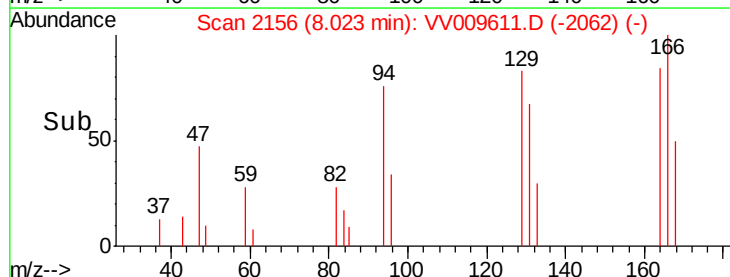
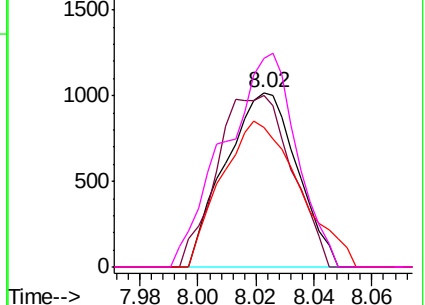


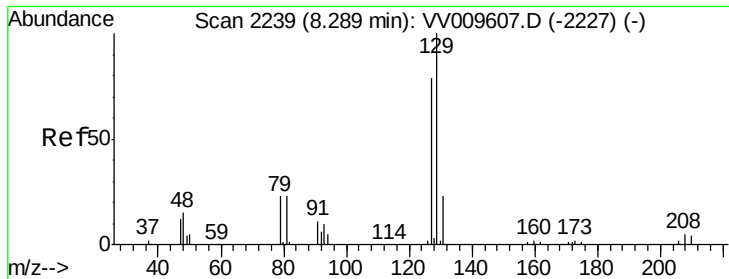
Abundance Ion 164.00 (163.70 to 164.70): VV009607.D (-2143) (-)

Ion 129.00 (128.70 to 129.70): VV009607.D (-2143) (-)

Ion 131.00 (130.70 to 131.70): VV009607.D (-2143) (-)

Ion 166.00 (165.70 to 166.70): VV009607.D (-2143) (-)





#49

Dibromochloromethane

Concen: 0.444 ug/L

RT: 8.01 min Scan# 2153

Delta R.T. -0.28 min

Lab File: VV009611.D

Acq: 12 Mar 2019 18:17

Instrument :

MSVOA_V

ClientSampled :

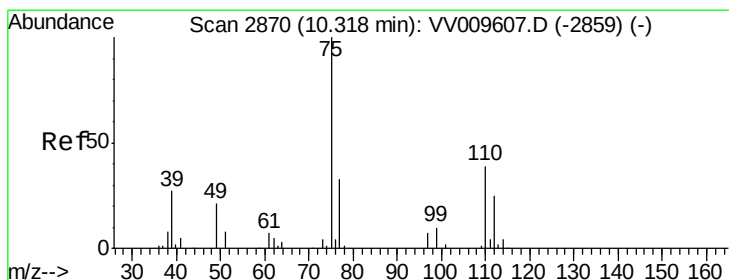
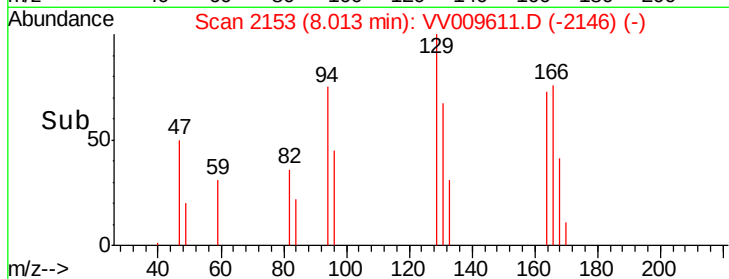
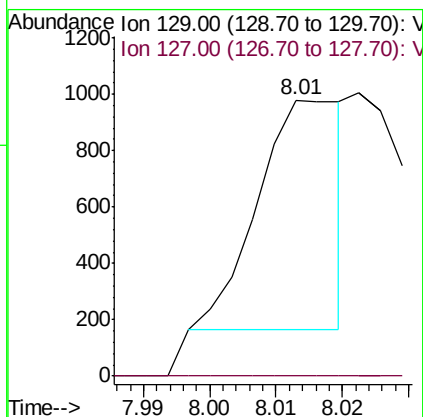
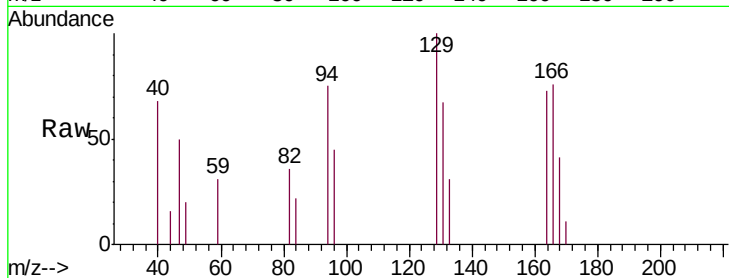
BF0P6ME

Tgt Ion: 129 Resp: 721

Ion Ratio Lower Upper

129 100

127 0.0 53.3 99.1#



#59

1,2,3-Trichloropropane

Concen: 7.165 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV009611.D

Acq: 12 Mar 2019 18:17

Tgt Ion: 75 Resp: 13727

Ion Ratio Lower Upper

75 100

77 39.8 26.6 40.0

