

Data File : VV010286.D
Acq On : 12 Apr 2019 14:37
Operator : SY/MD
Sample : K2328-06
Misc : 4.79G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB718RE

Quant Time: Apr 13 04:51:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 04:47:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	31047	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	30981	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	9180	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	6109	17.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.36%
7) Chloroethane-d5	1.58	69	6707	21.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.36%
10) 1,1-Dichloroethene-d2	2.13	63	13507	14.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.40%
20) 2-Butanone-d5	3.94	46	5803	64.16	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.32%
24) Chloroform-d	4.40	84	17082	24.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.36%
26) 1,2-Dichloroethane-d4	5.08	65	13280	32.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	131.56%#
29) Benzene-d6	5.10	84	33476	22.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.64%
33) 1,2-Dichloropropane-d6	6.12	67	11230	25.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.08%
37) Toluene-d8	7.36	98	28424	19.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.04%
38) trans-1,3-Dichloropropene-	7.67	79	3800	20.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.04%
39) 2-Hexanone-d5	8.18	63	313	4.08	ug/L	0.05
Spiked Amount	50.000	Range	20 - 135	Recovery	=	8.16%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	12841	32.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	128.80%#
61) 1,2-Dichlorobenzene-d4	11.68	152	9361	27.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.44%

Target Compounds

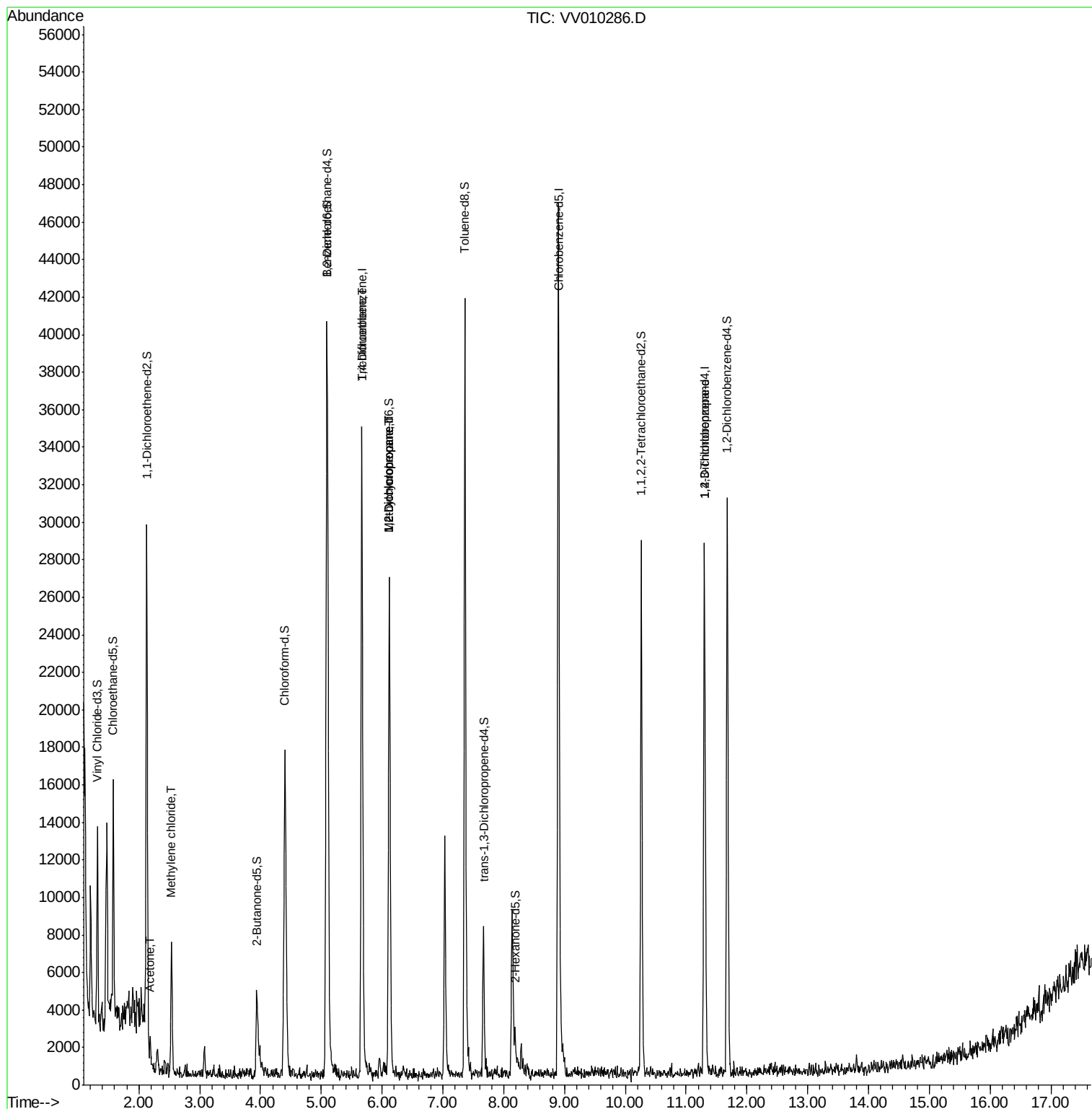
						Qvalue
13) Acetone	2.19	43	1304	13.494	ug/L	76
16) Methylene chloride	2.54	84	3125	5.140	ug/L	86
35) Trichloroethene	5.67	95	483	1.064	ug/L #	7
36) Methylcyclohexane	6.12	83	2985	4.402	ug/L #	21
40) 1,2-Dichloropropane	6.12	63	1343	3.495	ug/L #	85
59) 1,2,3-Trichloropropane	11.30	75	709	2.391	ug/L #	21

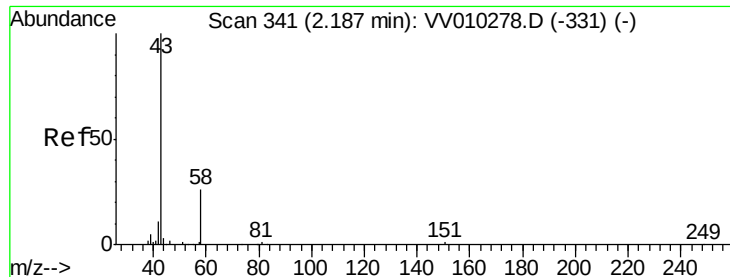
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 13.494 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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Acq: 12 Apr 2019 14:37

Instrument :

MSVOA_V

ClientSampleId :

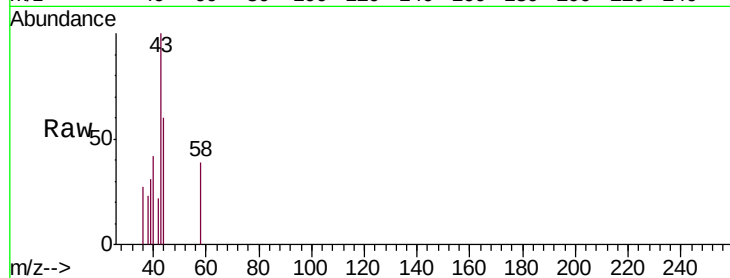
DB718RE

Tgt Ion: 43 Resp: 1304

Ion Ratio Lower Upper

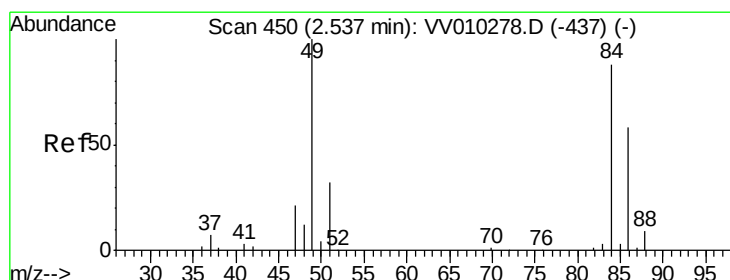
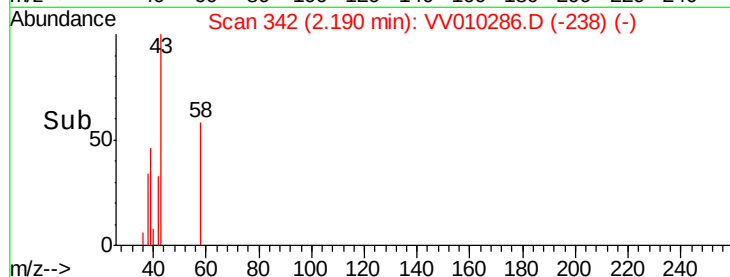
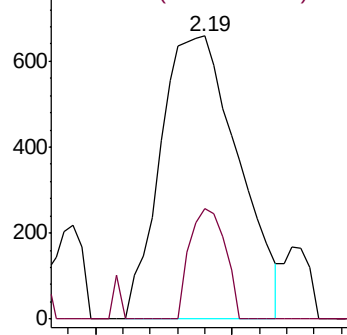
43 100

58 17.6 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV010278.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV010278.D (-331) (-)



#16

Methylene chloride

Concen: 5.140 ug/L

RT: 2.54 min Scan# 450

Delta R.T. -0.00 min

Lab File: VV010286.D

Acq: 12 Apr 2019 14:37

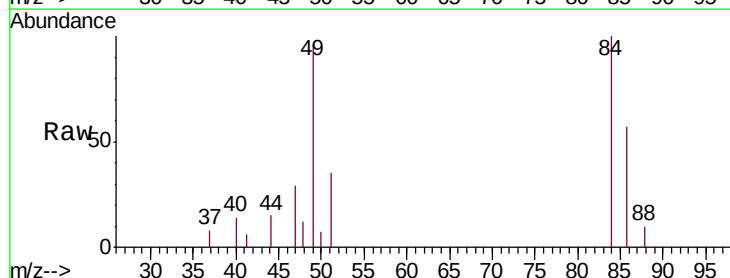
Tgt Ion: 84 Resp: 3125

Ion Ratio Lower Upper

84 100

49 95.9 79.9 148.5

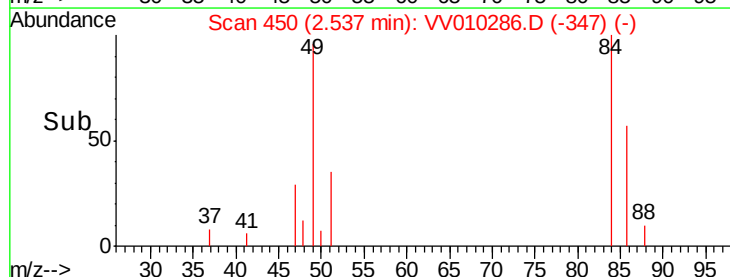
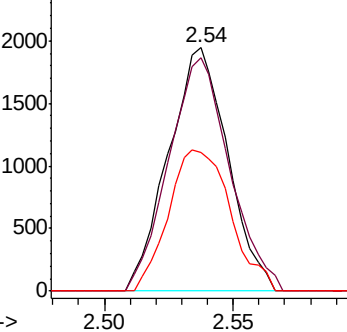
86 57.2 44.5 82.7

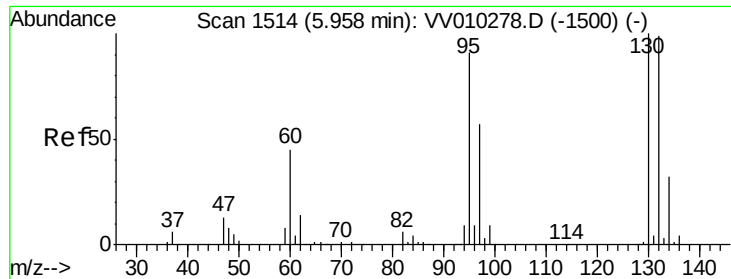


Abundance Ion 84.00 (83.70 to 84.70): VV010278.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV010278.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV010278.D (-437) (-)





#35

Trichloroethene

Concen: 1.064 ug/L

RT: 5.67 min Scan# 1425

Delta R.T. -0.29 min

Lab File: VV010286.D

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Instrument :

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ClientSampleId :

DB718RE

Tgt Ion: 95 Resp: 483

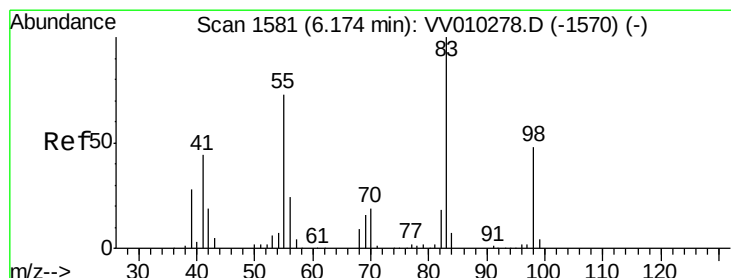
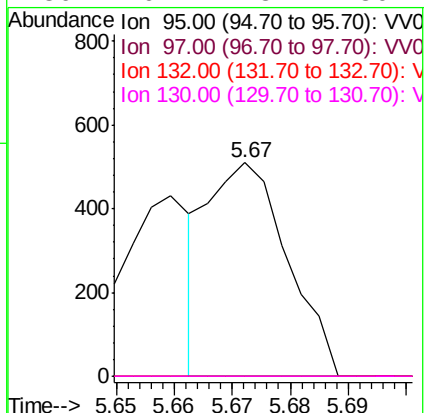
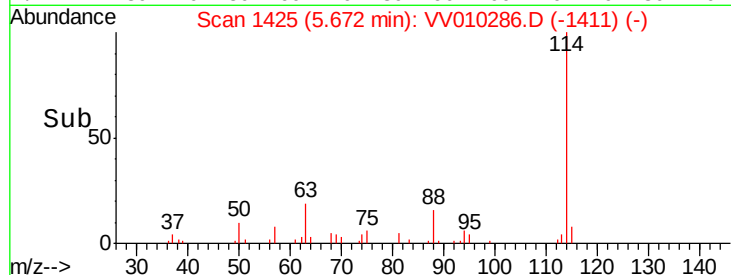
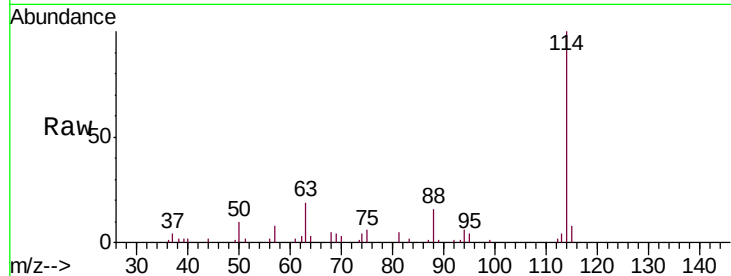
Ion Ratio Lower Upper

95 100

97 0.0 44.3 82.3#

132 0.0 71.3 132.3#

130 10.1 73.4 136.4#



#36

Methylcyclohexane

Concen: 4.402 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV010286.D

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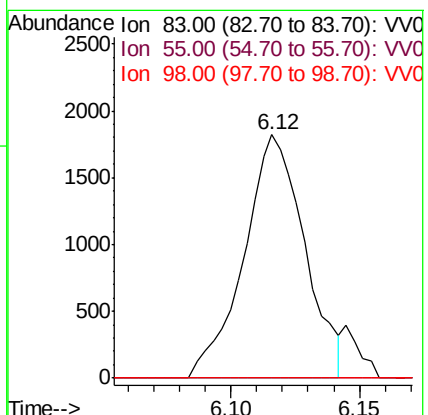
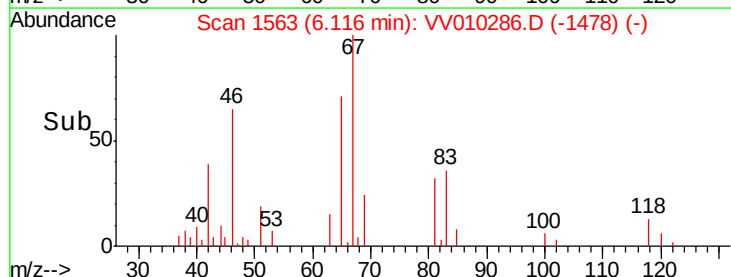
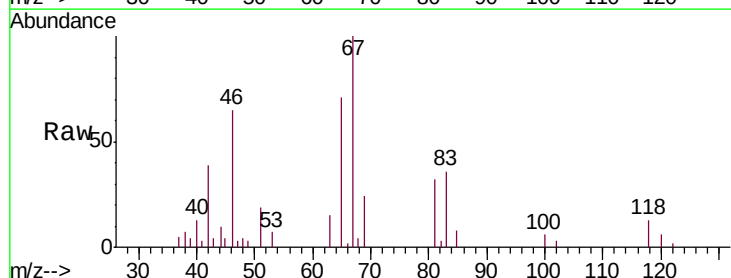
Tgt Ion: 83 Resp: 2985

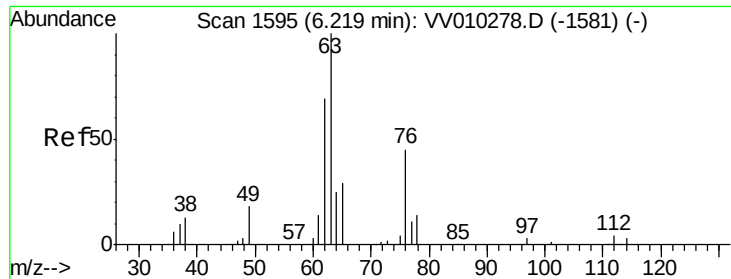
Ion Ratio Lower Upper

83 100

55 0.0 55.7 83.5#

98 1.8 39.4 59.2#

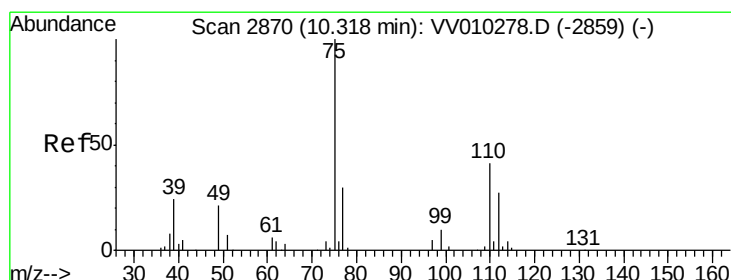
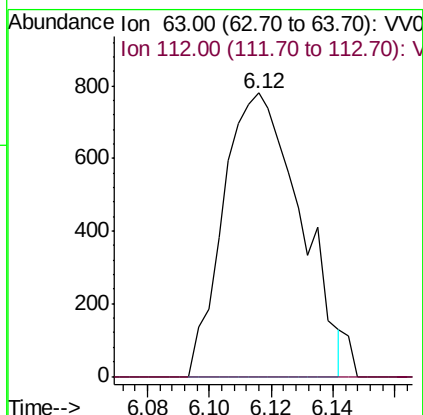
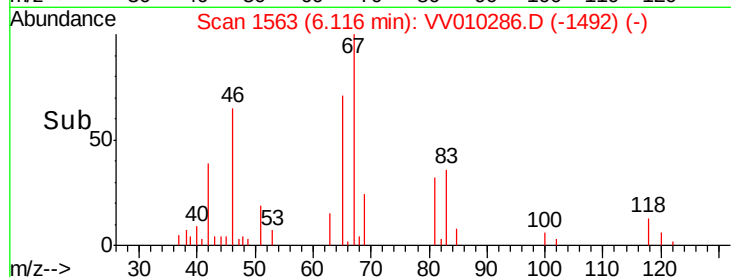
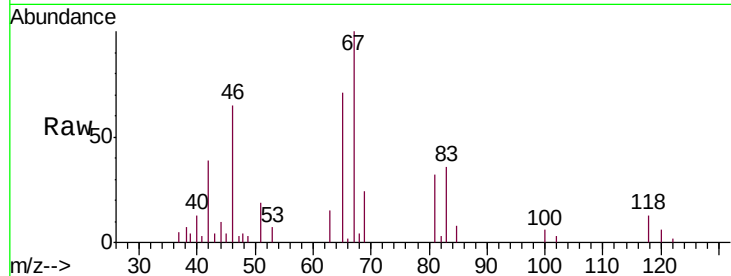




#40
 1,2-Dichloropropane
 Concen: 3.495 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV010286.D
 Acq: 12 Apr 2019 14:37

Instrument :
 MSVOA_V
 ClientSampleId :
 DB718RE

Tgt Ion: 63 Resp: 1343
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.0 6.0#



#59
 1,2,3-Trichloropropane
 Concen: 2.391 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.98 min
 Lab File: VV010286.D
 Acq: 12 Apr 2019 14:37

Tgt Ion: 75 Resp: 709
 Ion Ratio Lower Upper
 75 100
 77 78.8 26.9 40.3#

