

Data File : VV009507.D
Acq On : 06 Mar 2019 00:58
Operator : SY/MD
Sample : K1736-04
Misc : 5.72G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF622

Quant Time: Mar 06 04:18:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 06 04:12:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	139209	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	134202	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	54935	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34862	20.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.20%
7) Chloroethane-d5	1.58	69	58146	23.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.96%
10) 1,1-Dichloroethene-d2	2.13	63	73885	16.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.76%
20) 2-Butanone-d5	3.95	46	27169	47.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.16%
24) Chloroform-d	4.40	84	88617	26.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.88%
26) 1,2-Dichloroethane-d4	5.08	65	60237	31.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	127.72%
29) Benzene-d6	5.10	84	174817	26.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.20%
33) 1,2-Dichloropropane-d6	6.12	67	58861	30.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.04%#
37) Toluene-d8	7.36	98	164111	25.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.32%
38) trans-1,3-Dichloropropene-	7.67	79	21872	23.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.04%
39) 2-Hexanone-d5	8.14	63	22358	48.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.68%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	62071	29.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.80%
61) 1,2-Dichlorobenzene-d4	11.68	152	55856	27.85	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.40%

Target Compounds

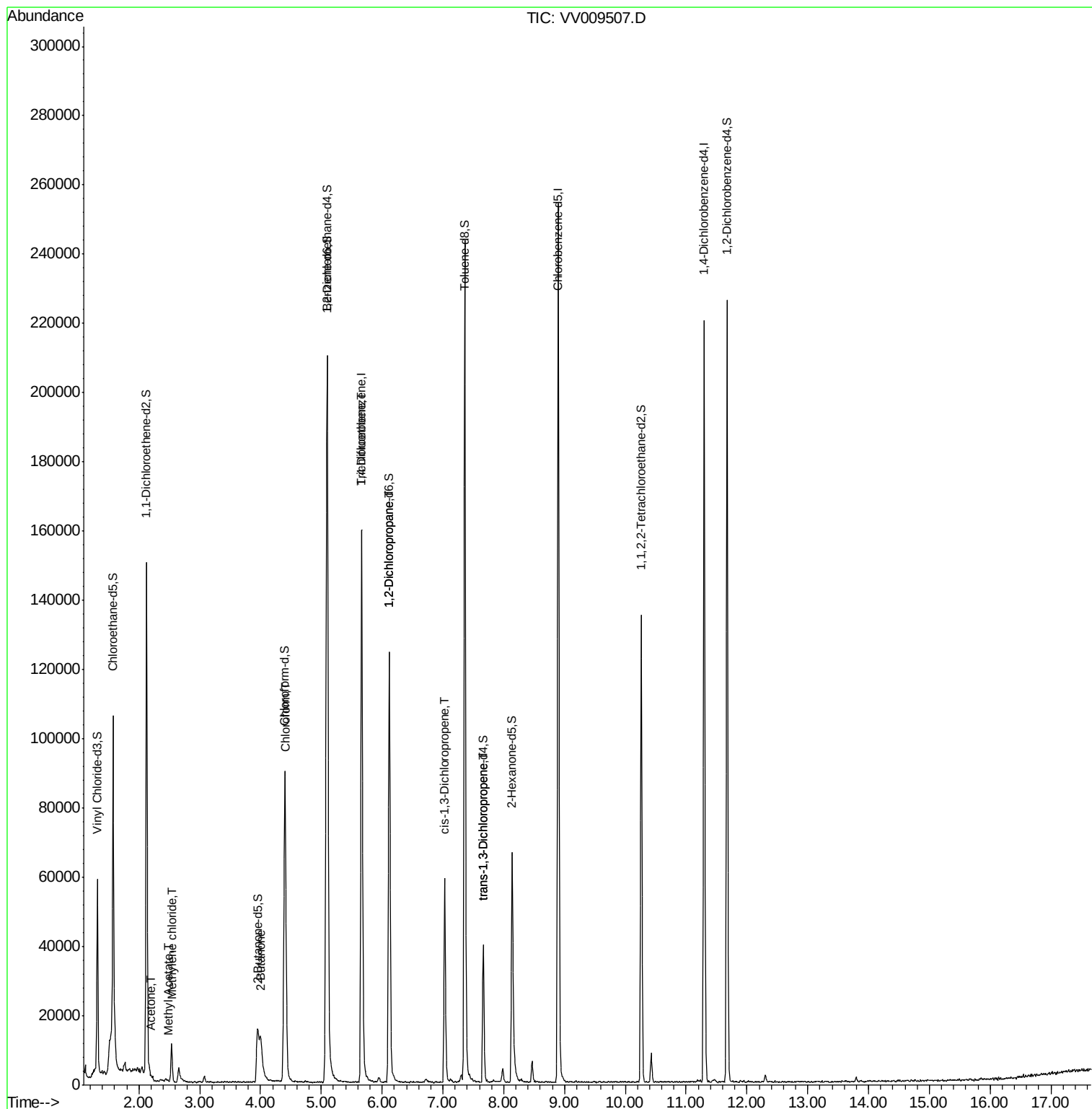
					Qvalue
13) Acetone	2.20	43	1282	2.208 ug/L	96
15) Methyl Acetate	2.48	43	551	0.586 ug/L #	48
16) Methylene chloride	2.54	84	4749	2.599 ug/L	85
21) 2-Butanone	4.00	43	1650	2.252 ug/L #	48
25) Chloroform	4.42	83	1661	0.508 ug/L #	3
35) Trichloroethene	5.67	95	4071	2.043 ug/L #	6
40) 1,2-Dichloropropane	6.12	63	6681	3.737 ug/L #	89
42) cis-1,3-Dichloropropene	7.03	75	1848	0.666 ug/L #	69
45) trans-1,3-Dichloropropene	7.67	75	1325	0.547 ug/L	96

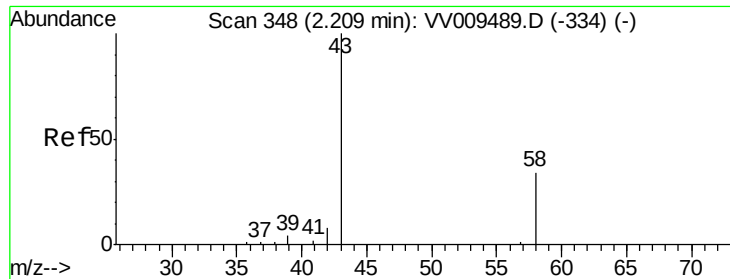
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.208 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.01 min

Lab File: VV009507.D

Acq: 06 Mar 2019 00:58

Instrument :

MSVOA_V

ClientSampleId :

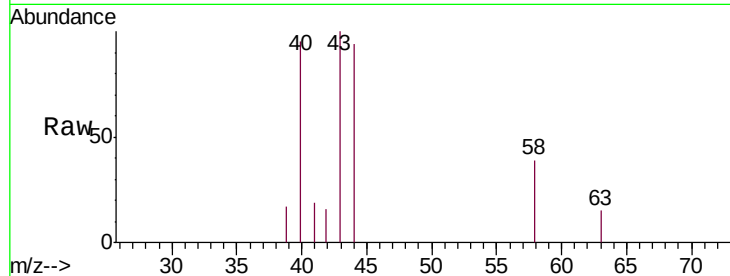
BF622

Tgt Ion: 43 Resp: 1282

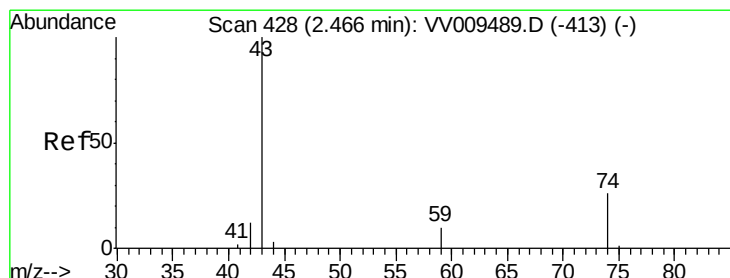
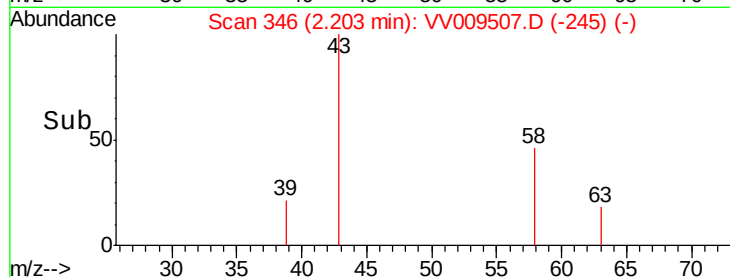
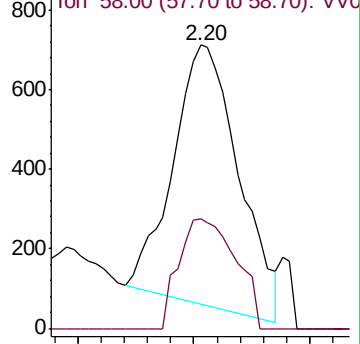
Ion Ratio Lower Upper

43 100

58 36.6 0.0 68.8



Abundance Ion 43.00 (42.70 to 43.70): VV009489.D (-334) (-)



#15

Methyl Acetate

Concen: 0.586 ug/L

RT: 2.48 min Scan# 431

Delta R.T. 0.01 min

Lab File: VV009507.D

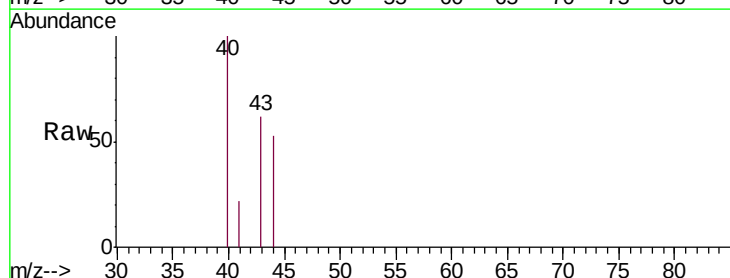
Acq: 06 Mar 2019 00:58

Tgt Ion: 43 Resp: 551

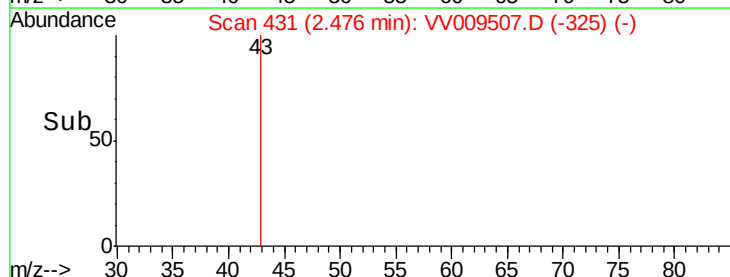
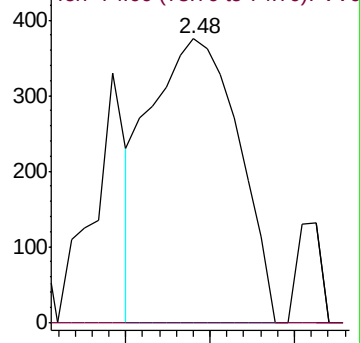
Ion Ratio Lower Upper

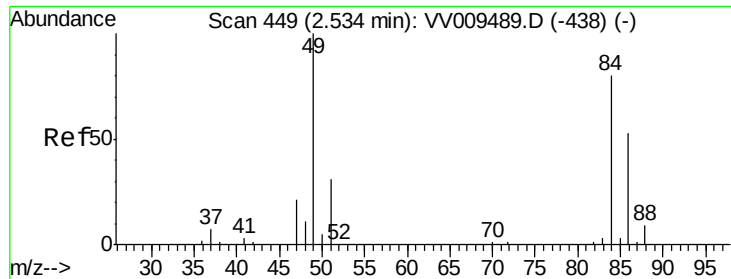
43 100

74 0.0 21.8 32.8#



Abundance Ion 43.00 (42.70 to 43.70): VV009489.D (-413) (-)

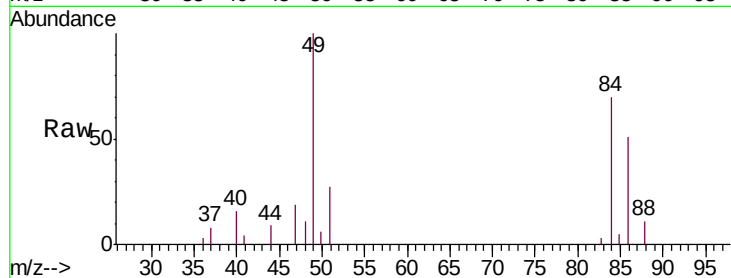




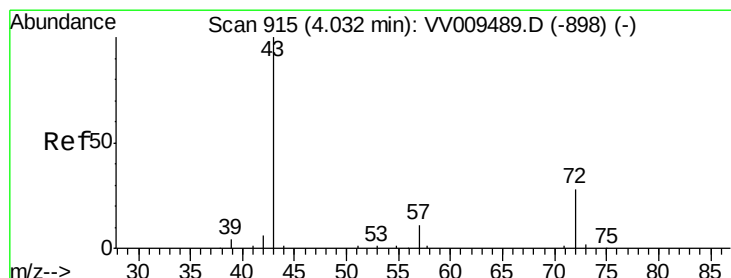
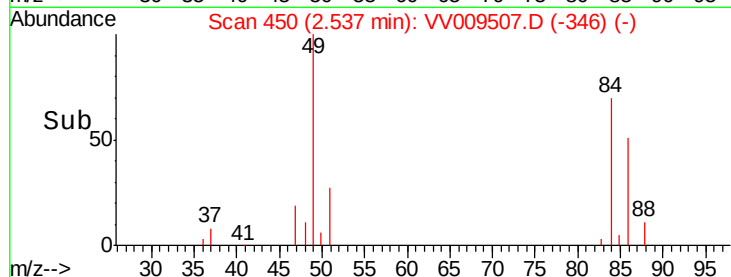
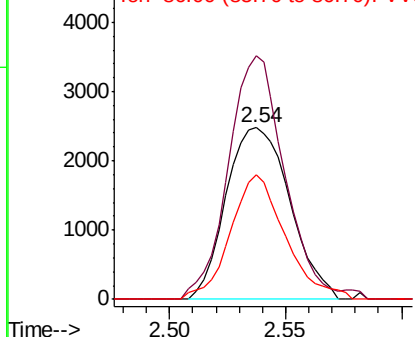
#16
Methylene chloride
Concen: 2.599 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009507.D
Acq: 06 Mar 2019 00:58

Instrument :
MSVOA_V
ClientSampleId :
BF622

Tgt Ion: 84 Resp: 4749
Ion Ratio Lower Upper
84 100
49 142.1 84.6 157.0
86 73.0 46.1 85.7

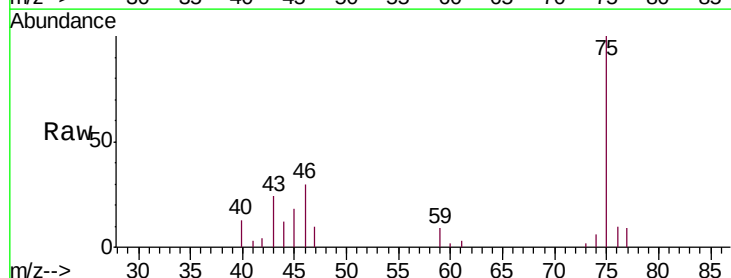


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 49.00 (48.70 to 49.70): VV0
Ion 86.00 (85.70 to 86.70): VV0

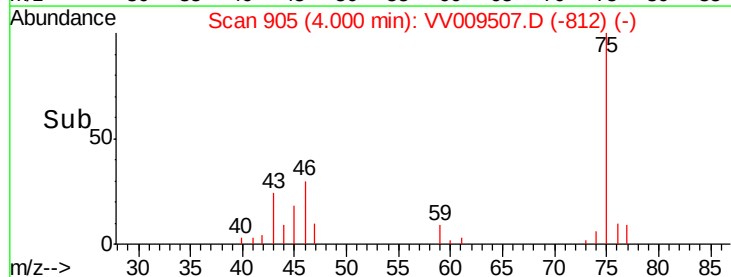
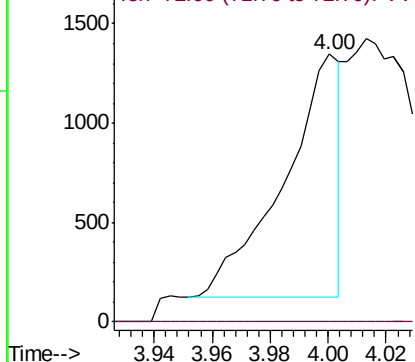


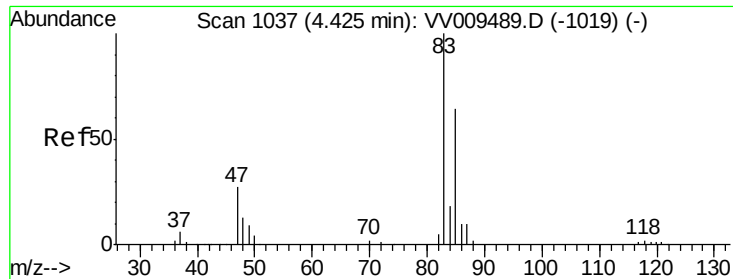
#21
2-Butanone
Concen: 2.252 ug/L
RT: 4.00 min Scan# 905
Delta R.T. -0.03 min
Lab File: VV009507.D
Acq: 06 Mar 2019 00:58

Tgt Ion: 43 Resp: 1650
Ion Ratio Lower Upper
43 100
72 0.0 13.7 41.0#



Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 72.00 (71.70 to 72.70): VV0





#25

Chloroform

Concen: 0.508 ug/L

RT: 4.42 min Scan# 1035

Delta R.T. -0.01 min

Lab File: VV009507.D

Acq: 06 Mar 2019 00:58

Instrument :

MSVOA_V

ClientSampled :

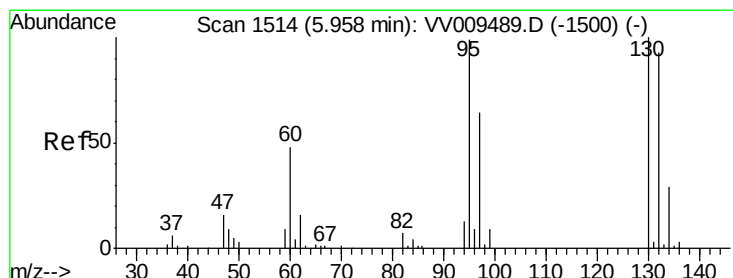
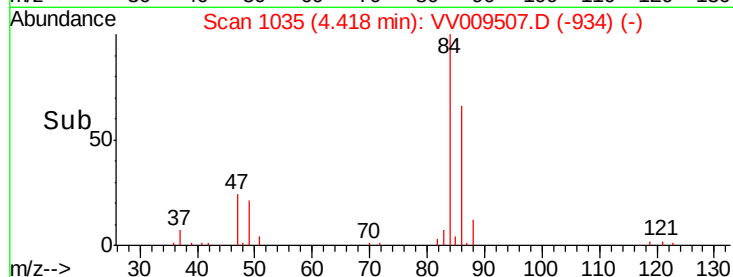
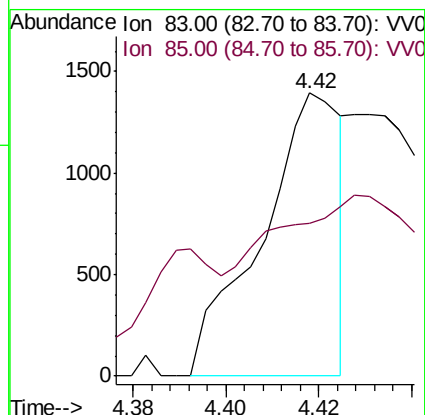
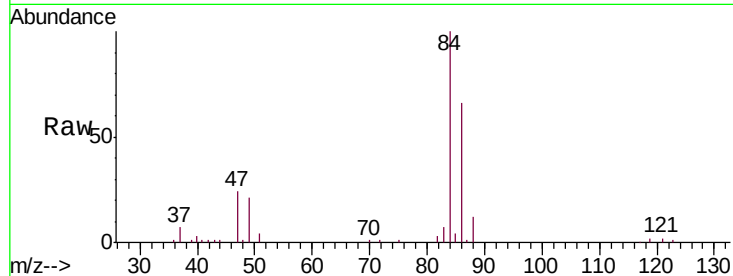
BF622

Tgt Ion: 83 Resp: 1661

Ion Ratio Lower Upper

83 100

85 141.5 45.4 84.2#



#35

Trichloroethene

Concen: 2.043 ug/L

RT: 5.67 min Scan# 1423

Delta R.T. -0.29 min

Lab File: VV009507.D

Acq: 06 Mar 2019 00:58

Tgt Ion: 95 Resp: 4071

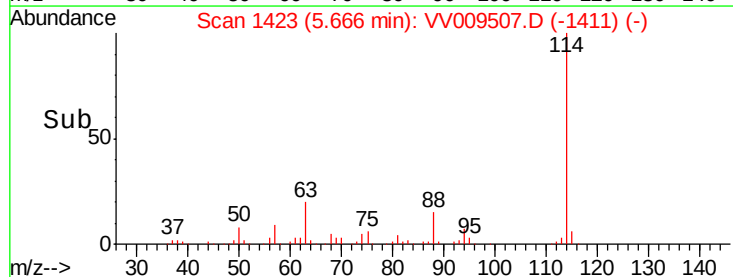
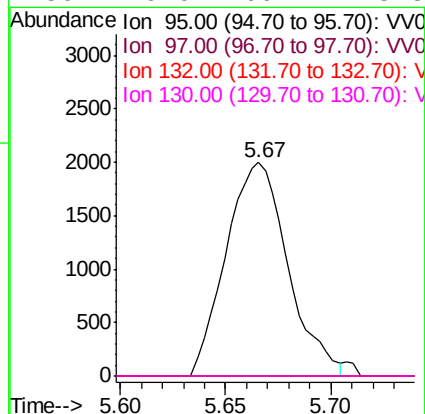
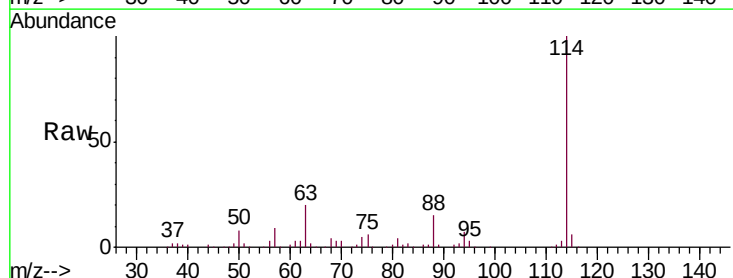
Ion Ratio Lower Upper

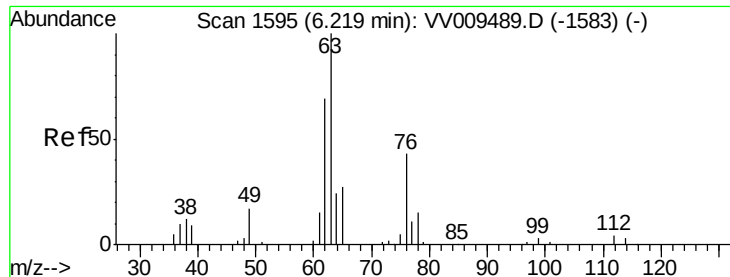
95 100

97 0.0 44.3 82.3#

132 0.0 64.4 119.6#

130 0.0 69.4 128.8#

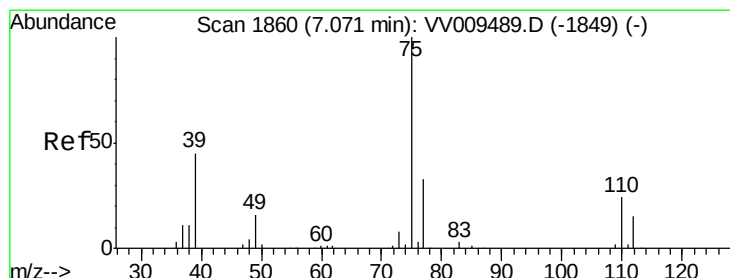
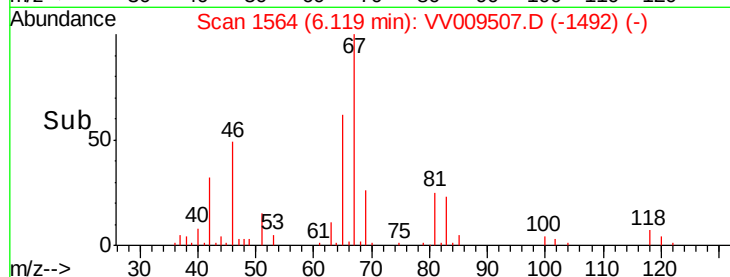
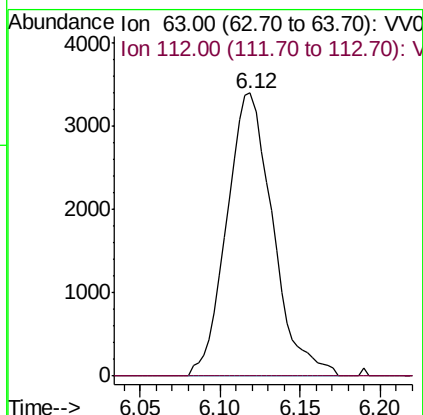
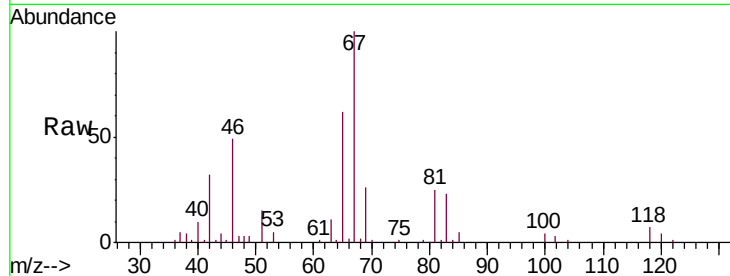




#40
 1,2-Dichloropropane
 Concen: 3.737 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV009507.D
 Acq: 06 Mar 2019 00:58

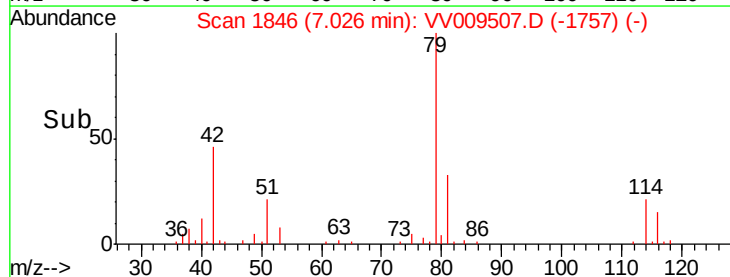
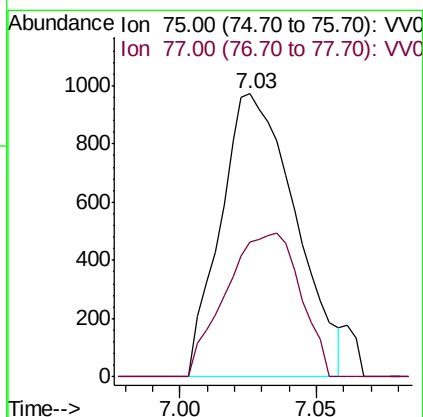
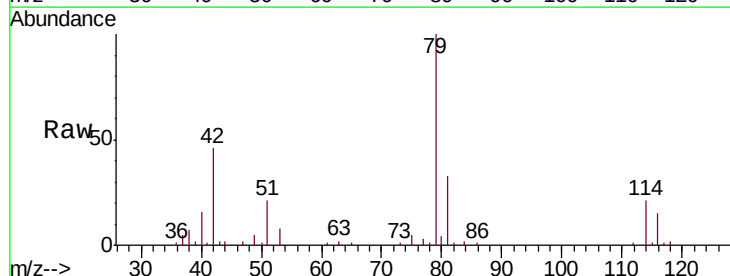
Instrument :
 MSVOA_V
 ClientSampleId :
 BF622

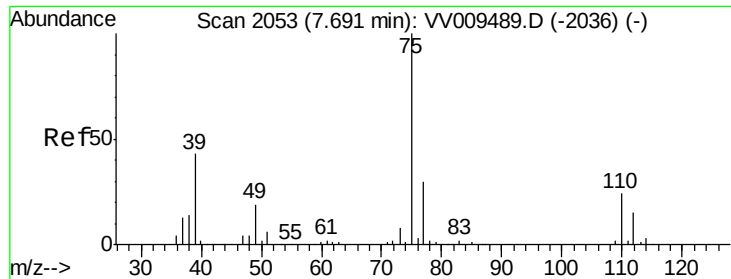
Tgt Ion: 63 Resp: 6681
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#42
 cis-1,3-Dichloropropene
 Concen: 0.666 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.05 min
 Lab File: VV009507.D
 Acq: 06 Mar 2019 00:58

Tgt Ion: 75 Resp: 1848
 Ion Ratio Lower Upper
 75 100
 77 47.5 21.4 39.8#





#45

trans-1,3-Dichloropropene

Concen: 0.547 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV009507.D

Acq: 06 Mar 2019 00:58

Instrument :

MSVOA_V

ClientSampleId :

BF622

Tgt Ion: 75 Resp: 1325

Ion Ratio Lower Upper

75 100

77 29.9 22.5 41.7

