

Data File : VV009681.D
Acq On : 15 Mar 2019 12:05
Operator : SY/MD
Sample : K1885-18
Misc : 5.94G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF1K2

Quant Time: Mar 15 12:32:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 04:30:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	123800	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	121142	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	49979	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32333	20.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.68%
7) Chloroethane-d5	1.57	69	32382	16.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.32%
10) 1,1-Dichloroethene-d2	2.13	63	64372	15.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.16%
20) 2-Butanone-d5	3.93	46	13562	32.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.42%
24) Chloroform-d	4.40	84	65981	20.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.64%
26) 1,2-Dichloroethane-d4	5.08	65	40683	22.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.12%
29) Benzene-d6	5.10	84	138291	21.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.04%
33) 1,2-Dichloropropane-d6	6.12	67	42150	22.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.80%
37) Toluene-d8	7.36	98	130569	21.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.96%
38) trans-1,3-Dichloropropene-	7.66	79	16395	19.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.88%
39) 2-Hexanone-d5	8.13	63	10400	30.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.84%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	37986	21.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.44%
61) 1,2-Dichlorobenzene-d4	11.68	152	43368	22.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.60%

Target Compounds

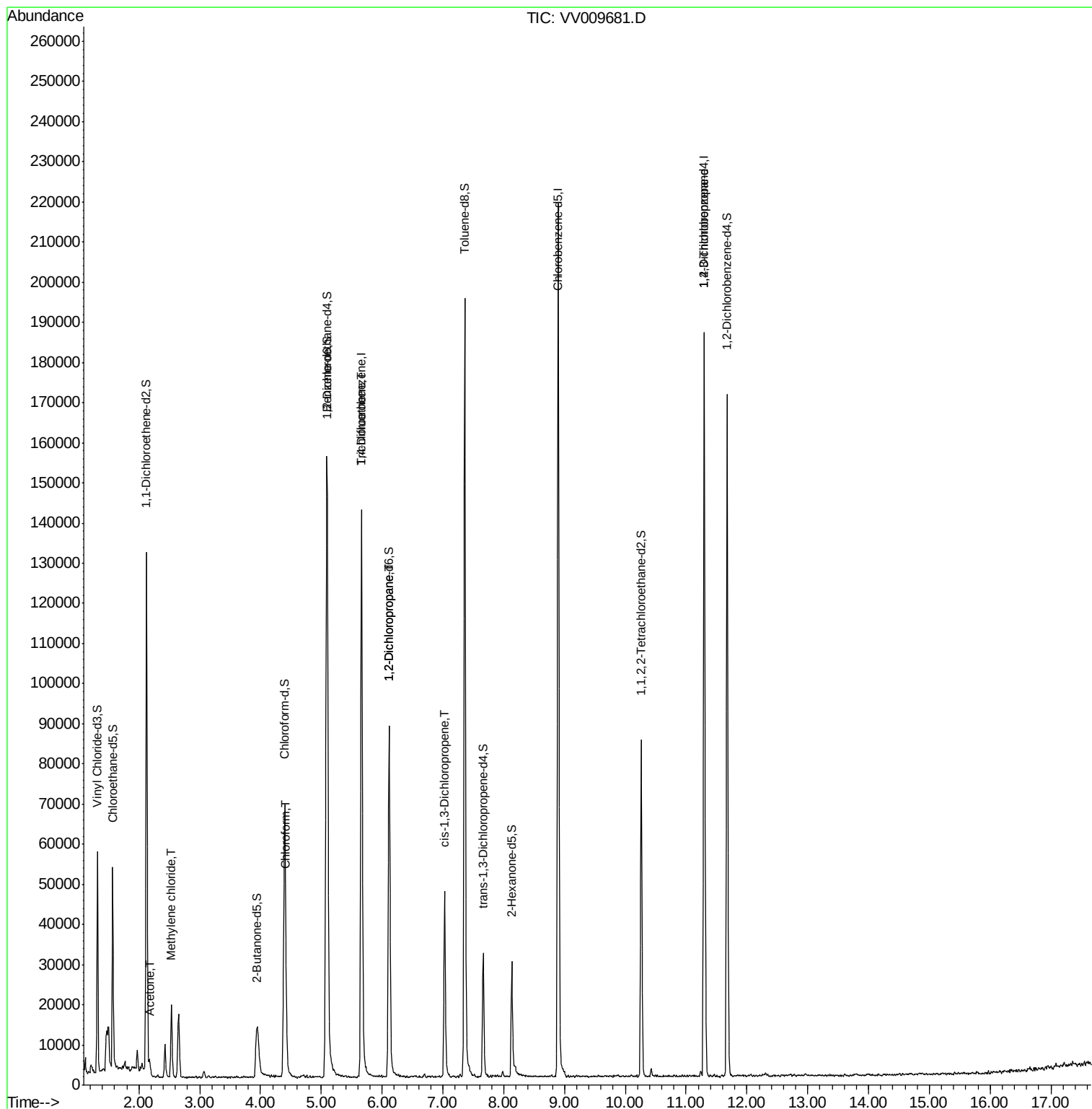
						Qvalue
13) Acetone	2.19	43	1733	3.467	ug/L	94
16) Methylene chloride	2.54	84	7490	4.156	ug/L	97
25) Chloroform	4.42	83	4331	1.346	ug/L	92
35) Trichloroethene	5.66	95	3965	2.079	ug/L #	5
40) 1,2-Dichloropropane	6.12	63	5064	3.035	ug/L #	88
42) cis-1,3-Dichloropropene	7.03	75	1305	0.515	ug/L #	63
59) 1,2,3-Trichloropropene	11.30	75	6560	5.055	ug/L #	84

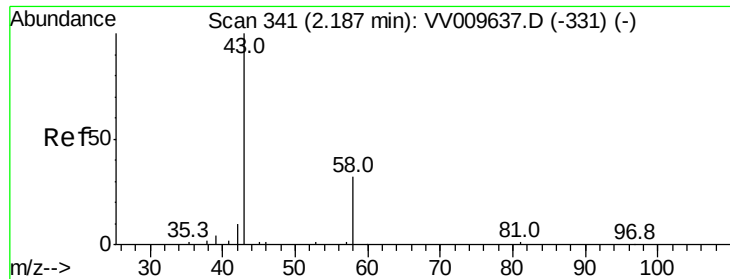
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.467 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

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Acq: 15 Mar 2019 12:05

Instrument :

MSVOA_V

ClientSampleId :

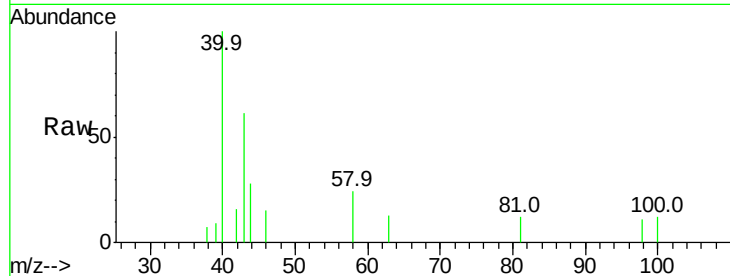
BF1K2

Tgt Ion: 43 Resp: 1733

Ion Ratio Lower Upper

43 100

58 29.1 0.0 64.8

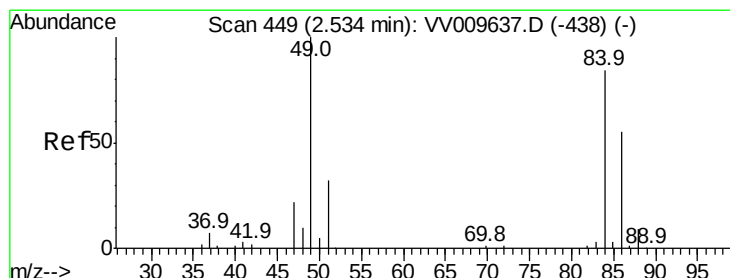
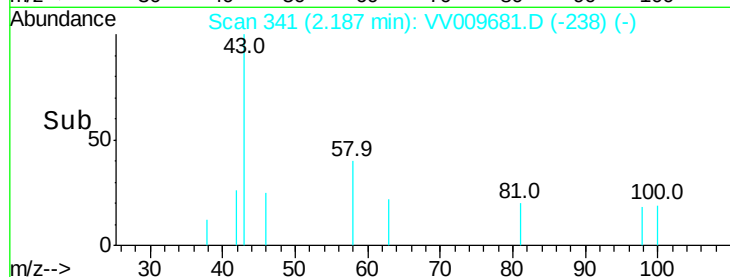


Abundance Ion 43.00 (42.70 to 43.70): VV009681.D (-341) (-)

Ion 58.00 (57.70 to 58.70): VV009681.D (-341) (-)

2.19

Time--> 2.14 2.16 2.18 2.20 2.22



#16

Methylene chloride

Concen: 4.156 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009681.D

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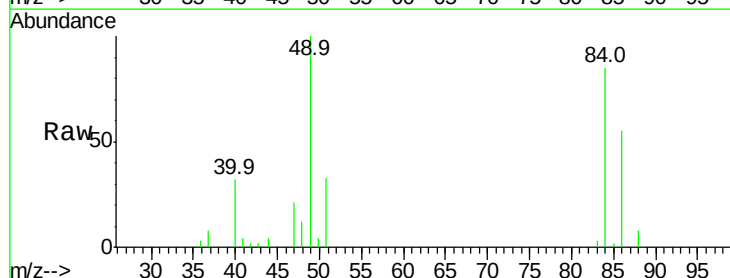
Tgt Ion: 84 Resp: 7490

Ion Ratio Lower Upper

84 100

49 117.9 86.1 159.9

86 64.3 45.2 84.0



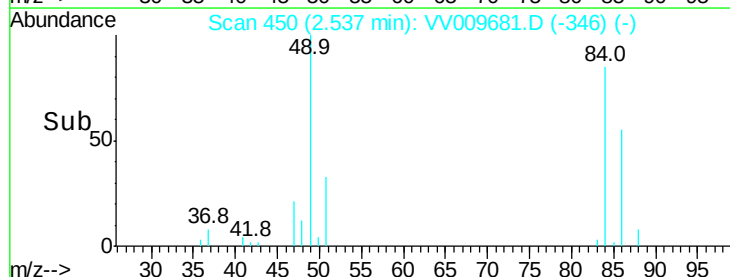
Abundance Ion 84.00 (83.70 to 84.70): VV009681.D (-346) (-)

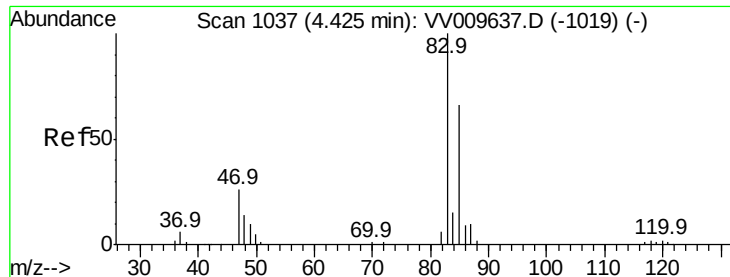
Ion 49.00 (48.70 to 49.70): VV009681.D (-346) (-)

Ion 86.00 (85.70 to 86.70): VV009681.D (-346) (-)

2.54

Time--> 2.50 2.55 2.60

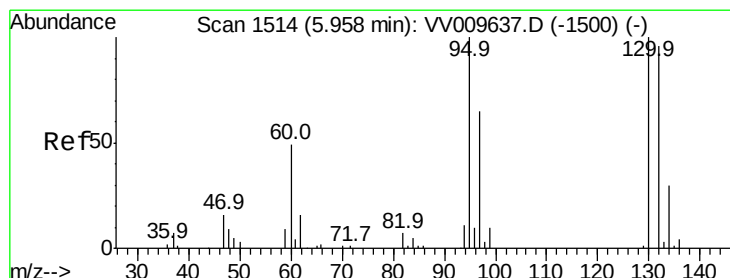
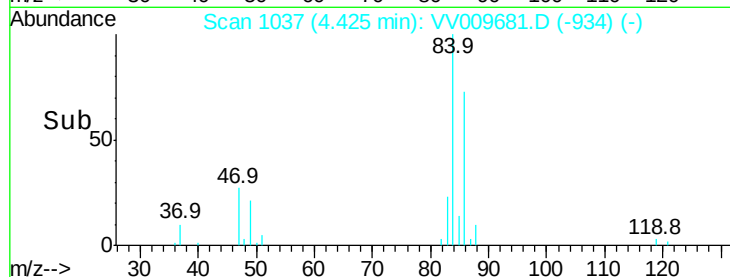
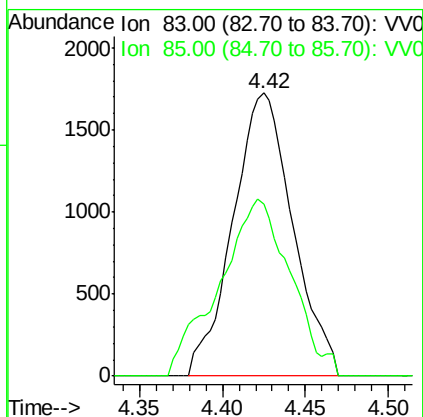
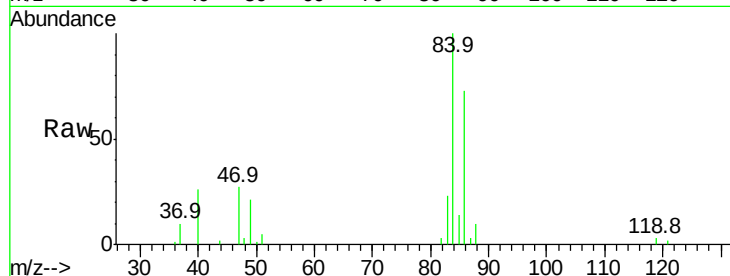




#25
Chloroform
Concen: 1.346 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV009681.D
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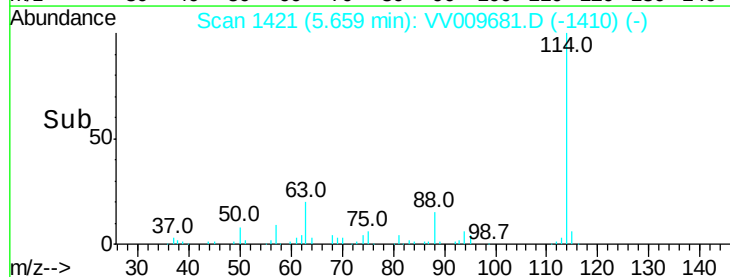
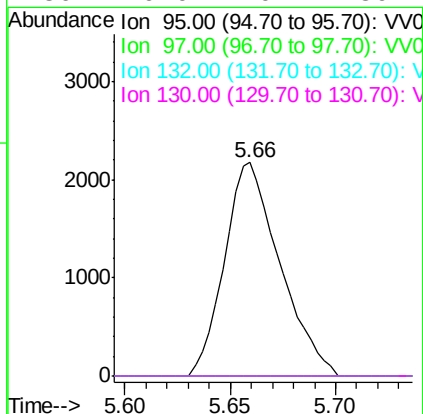
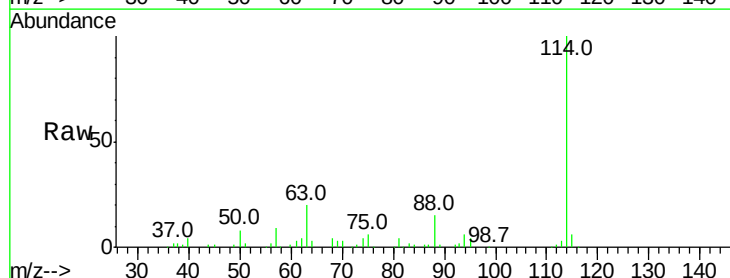
Instrument :
MSVOA_V
ClientSampleId :
BF1K2

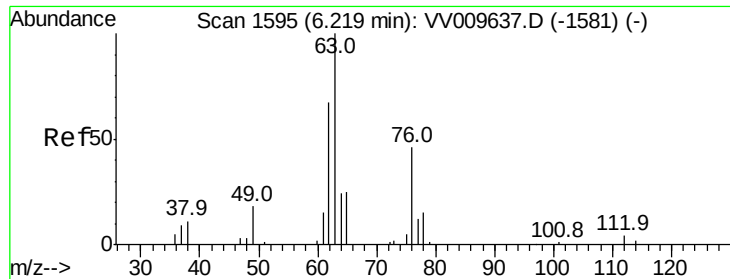
Tgt Ion: 83 Resp: 4331
Ion Ratio Lower Upper
83 100
85 73.0 46.4 86.2



#35
Trichloroethene
Concen: 2.079 ug/L
RT: 5.66 min Scan# 1421
Delta R.T. -0.30 min
Lab File: VV009681.D
Acq: 15 Mar 2019 12:05

Tgt Ion: 95 Resp: 3965
Ion Ratio Lower Upper
95 100
97 0.0 44.9 83.5#
132 0.0 66.4 123.2#
130 0.0 70.2 130.4#

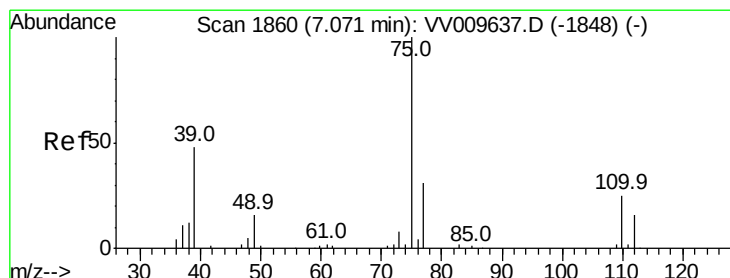
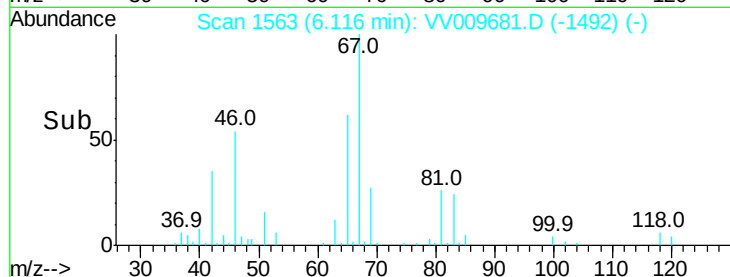
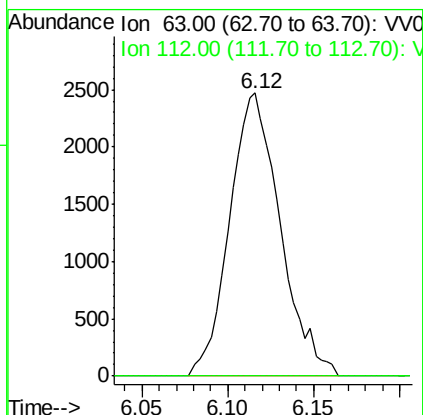
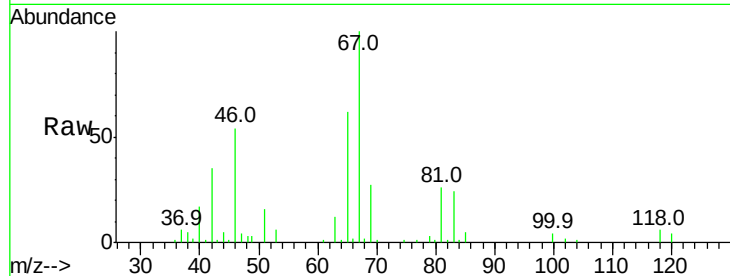




#40
 1,2-Dichloropropane
 Concen: 3.035 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV009681.D
 Acq: 15 Mar 2019 12:05

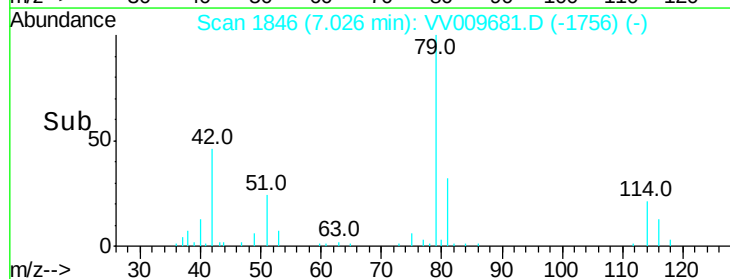
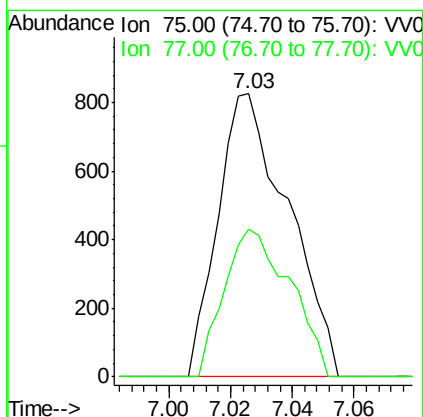
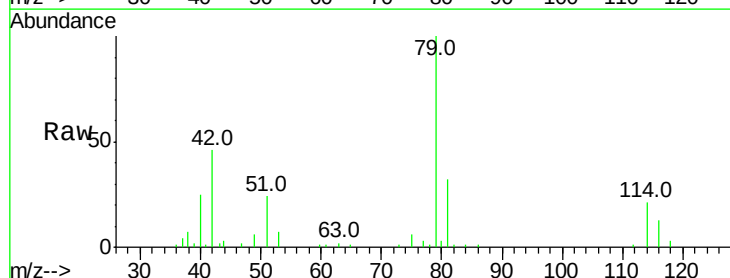
Instrument :
 MSVOA_V
 ClientSampled :
 BF1K2

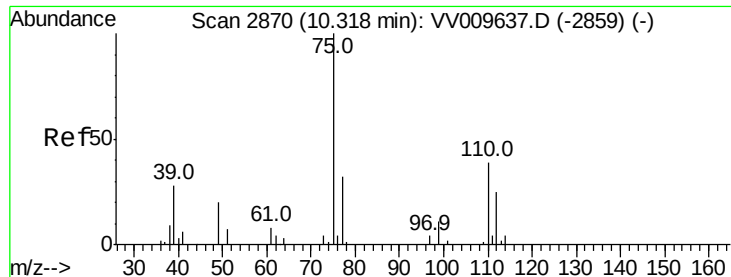
Tgt Ion: 63 Resp: 5064
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#42
 cis-1,3-Dichloropropene
 Concen: 0.515 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.04 min
 Lab File: VV009681.D
 Acq: 15 Mar 2019 12:05

Tgt Ion: 75 Resp: 1305
 Ion Ratio Lower Upper
 75 100
 77 52.1 22.0 40.8#





#59

1,2,3-Trichloropropane

Concen: 5.055 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009681.D

Acq: 15 Mar 2019 12:05

Instrument :

MSVOA_V

ClientSampleId :

BF1K2

Tgt Ion: 75 Resp: 6560

Ion Ratio Lower Upper

75 100

77 40.3 25.3 37.9#

