

Data File : VV010078.D
Acq On : 03 Apr 2019 00:34
Operator : SY/MD
Sample : K2148-15
Misc : 3.26G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF5G9

Quant Time: Apr 03 06:51:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 03 06:44:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	138416	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	102565	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	22034	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	20975	11.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	45.28%
7) Chloroethane-d5	1.58	69	48942	21.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.04%
10) 1,1-Dichloroethene-d2	2.13	63	39369	8.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	33.68%#
20) 2-Butanone-d5	3.97	46	81	0.15	ug/L	0.04
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.30%#
24) Chloroform-d	4.40	84	90632	25.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.96%
26) 1,2-Dichloroethane-d4	5.08	65	67364	34.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	138.12%#
29) Benzene-d6	5.10	84	170941	32.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	128.56%
33) 1,2-Dichloropropane-d6	6.12	67	62714	39.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	159.80%#
37) Toluene-d8	7.36	98	128419	25.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.24%
38) trans-1,3-Dichloropropene-	7.68	79	317	0.47	ug/L	0.02
Spiked Amount	25.000	Range	30 - 135	Recovery	=	1.88%#
39) 2-Hexanone-d5	0.00	63	0	0.00	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.00%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	37962	24.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.08%
61) 1,2-Dichlorobenzene-d4	11.68	152	21251	24.76	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.04%

Target Compounds

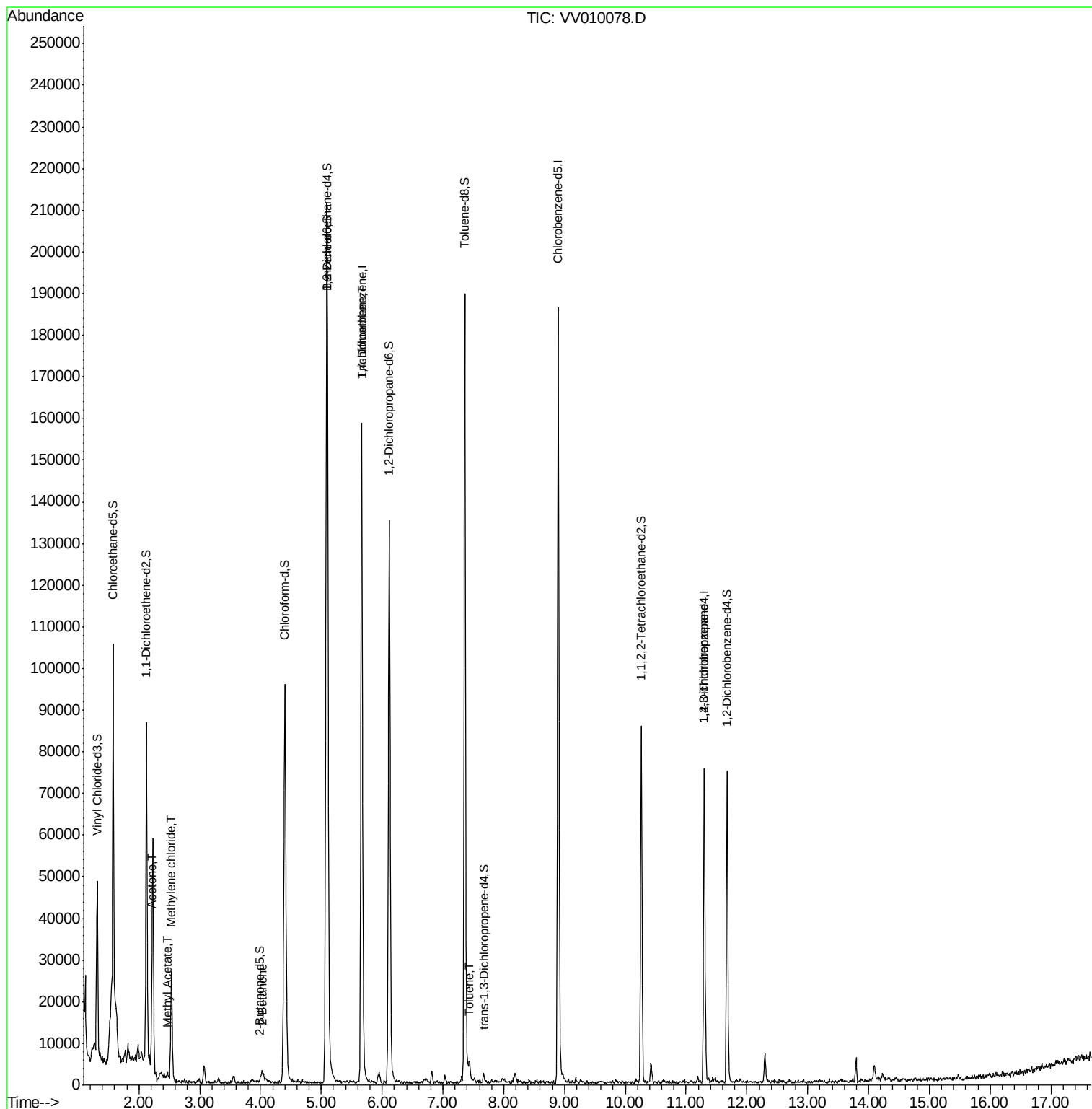
					Qvalue
13) Acetone	2.21	43	10500	20.141 ug/L	78
15) Methyl Acetate	2.47	43	1420	1.702 ug/L #	78
16) Methylene chloride	2.53	84	10188	4.189 ug/L	96
21) 2-Butanone	4.03	43	1764	3.090 ug/L	77
35) Trichloroethene	5.67	95	4359	3.019 ug/L #	3
44) Toluene	7.43	91	2169	0.385 ug/L	83
59) 1,2,3-Trichloropropane	11.30	75	2469	2.386 ug/L #	70

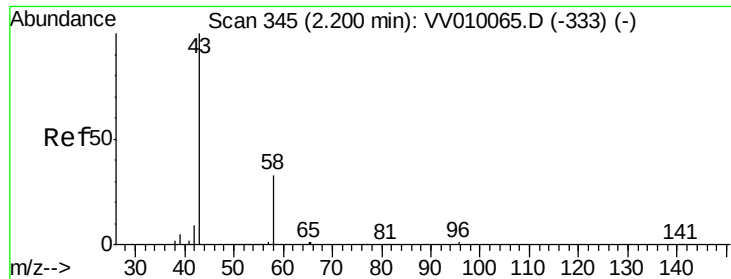
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Apr 03 06:44:57 2019
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#13

Acetone

Concen: 20.141 ug/L

RT: 2.21 min Scan# 347

Delta R.T. 0.01 min

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MSVOA_V

ClientSampleId :

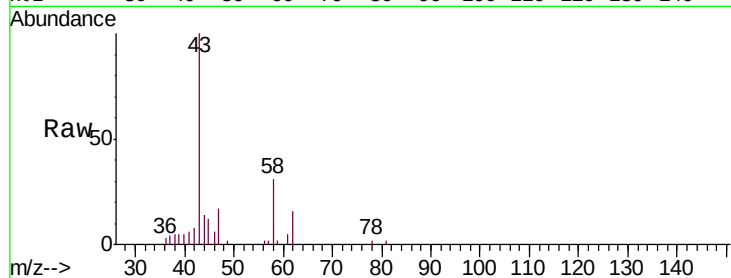
BF5G9

Tgt Ion: 43 Resp: 10500

Ion Ratio Lower Upper

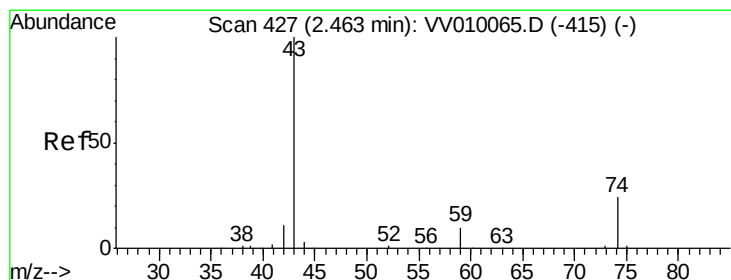
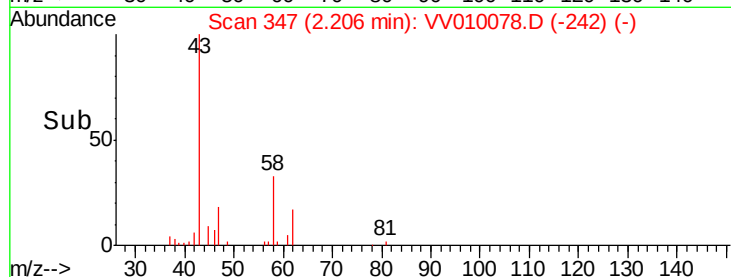
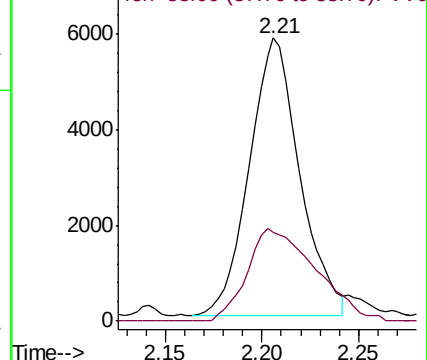
43 100

58 44.8 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#15

Methyl Acetate

Concen: 1.702 ug/L

RT: 2.47 min Scan# 429

Delta R.T. 0.01 min

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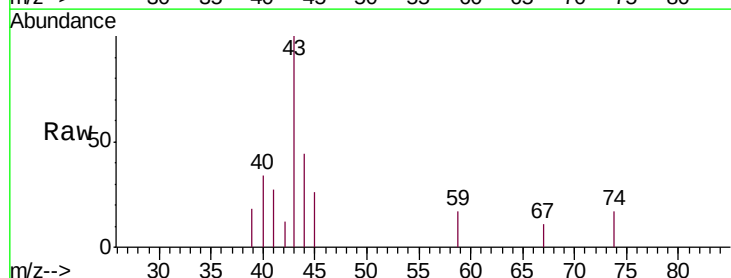
Acq: 03 Apr 2019 00:34

Tgt Ion: 43 Resp: 1420

Ion Ratio Lower Upper

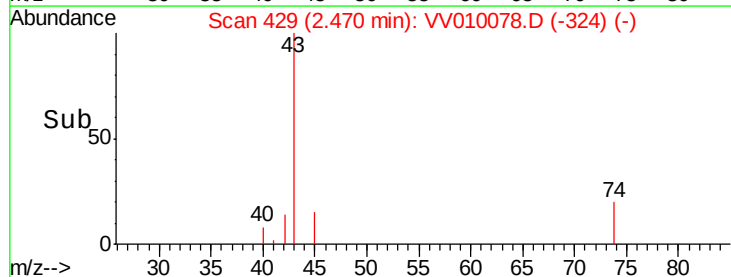
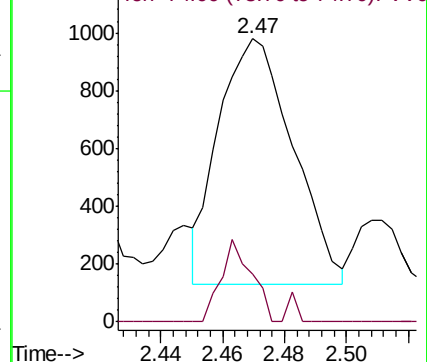
43 100

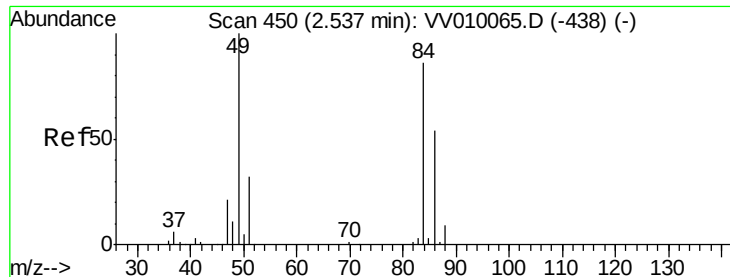
74 13.9 20.0 30.0#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0

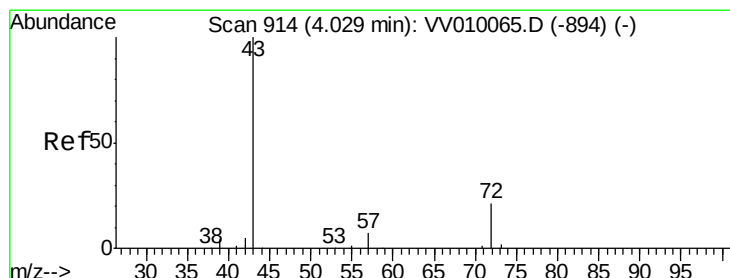
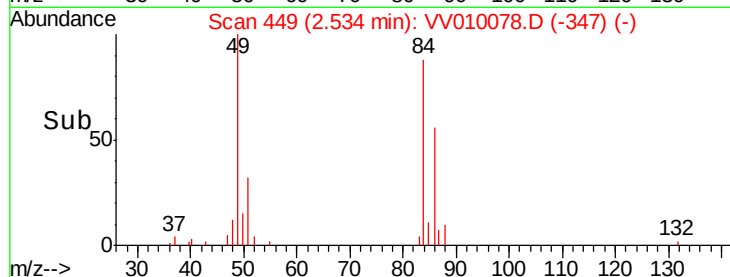
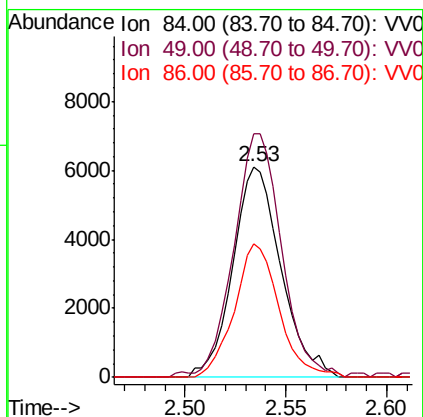
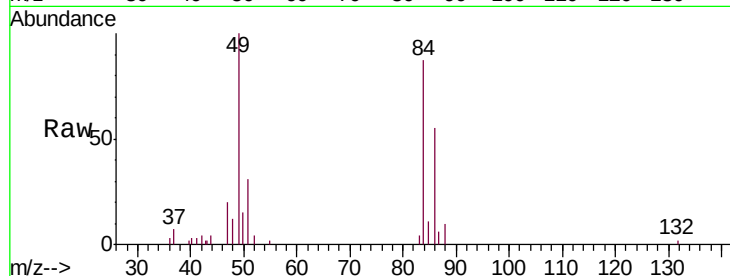




#16
Methylene chloride
Concen: 4.189 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
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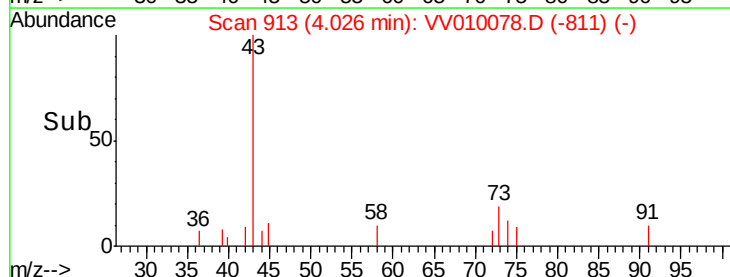
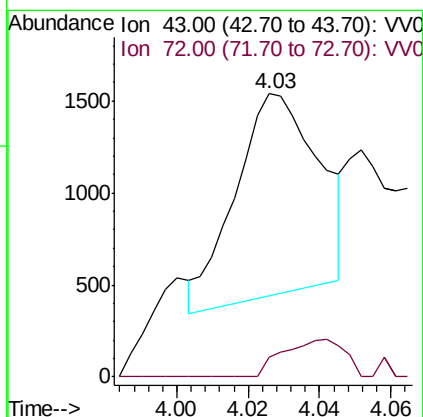
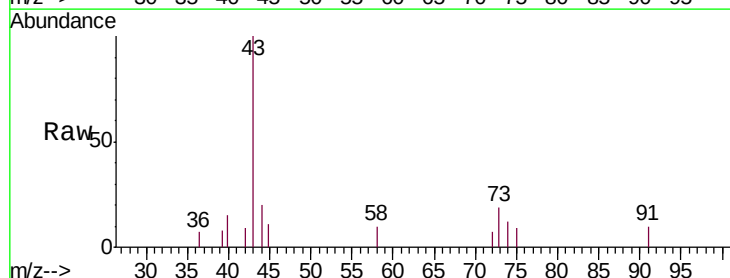
Instrument :
MSVOA_V
ClientSampleId :
BF5G9

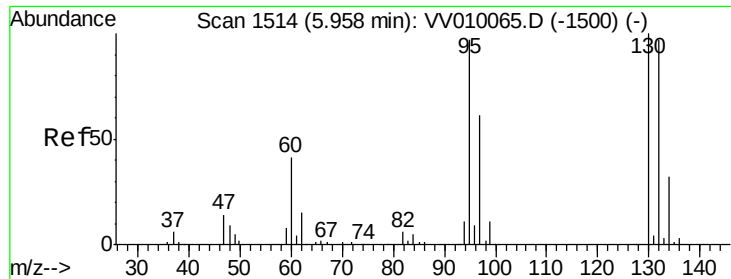
Tgt Ion: 84 Resp: 10188
Ion Ratio Lower Upper
84 100
49 115.3 84.3 156.5
86 63.1 45.4 84.2



#21
2-Butanone
Concen: 3.090 ug/L
RT: 4.03 min Scan# 913
Delta R.T. -0.00 min
Lab File: VV010078.D
Acq: 03 Apr 2019 00:34

Tgt Ion: 43 Resp: 1764
Ion Ratio Lower Upper
43 100
72 13.8 12.8 38.4

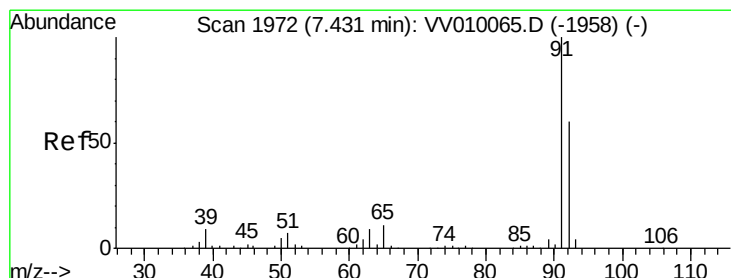
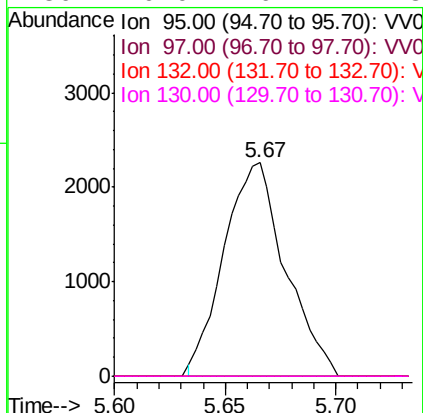
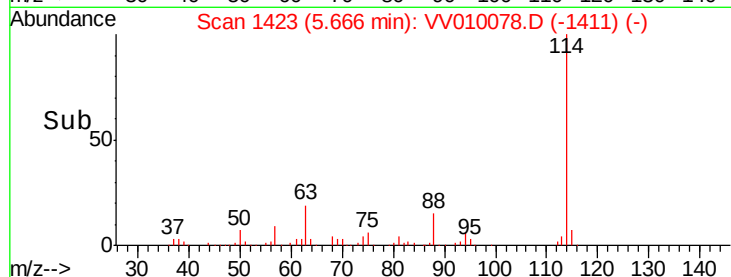
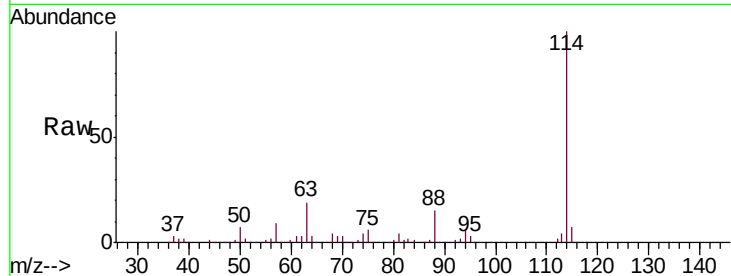




#35
 Trichloroethene
 Concen: 3.019 ug/L
 RT: 5.67 min Scan# 1423
 Delta R.T. -0.29 min
 Lab File: VV010078.D
 Acq: 03 Apr 2019 00:34

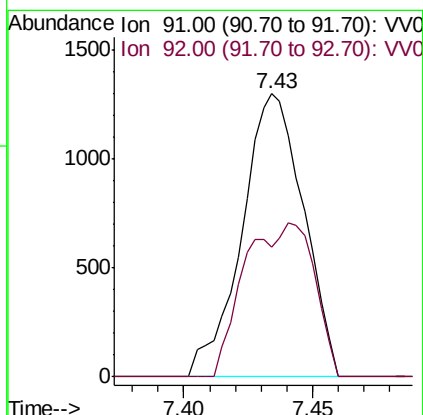
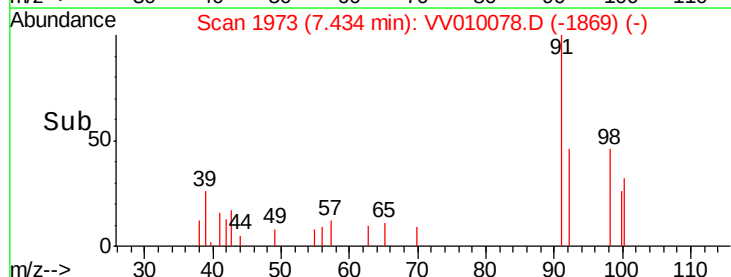
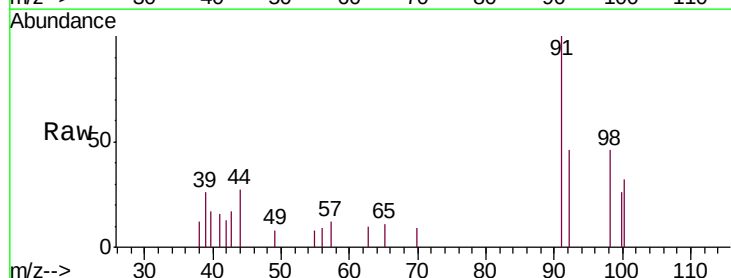
Instrument :
 MSVOA_V
 ClientSampleId :
 BF5G9

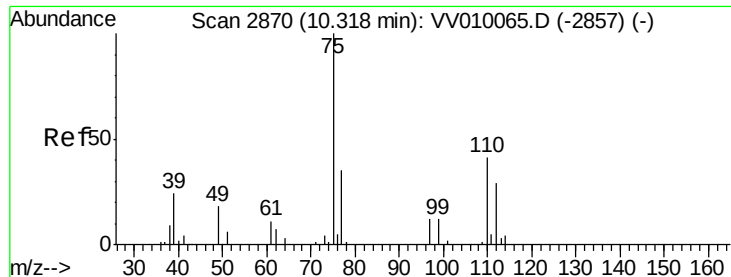
Tgt Ion: 95 Resp: 4359
 Ion Ratio Lower Upper
 95 100
 97 0.0 45.8 85.2#
 132 0.0 70.6 131.0#
 130 0.0 76.1 141.3#



#44
 Toluene
 Concen: 0.385 ug/L
 RT: 7.43 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VV010078.D
 Acq: 03 Apr 2019 00:34

Tgt Ion: 91 Resp: 2169
 Ion Ratio Lower Upper
 91 100
 92 46.1 41.0 76.2





#59
 1,2,3-Trichloropropane
 Concen: 2.386 ug/L
 RT: 11.30 min Scan# 3175
 Delta R.T. 0.98 min
 Lab File: VV010078.D
 Acq: 03 Apr 2019 00:34

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5G9

Tgt Ion: 75 Resp: 2469
 Ion Ratio Lower Upper
 75 100
 77 49.0 25.8 38.8#

