

Data File : VV009939.D
Acq On : 27 Mar 2019 21:18
Operator : SY/MD
Sample : K2128-01
Misc : 5.07G/10mL/MSVOA_V/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0L2

Quant Time: Mar 28 07:20:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 07:17:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	113666	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	117369	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	49806	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41690	18.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.28%
7) Chloroethane-d5	1.55	69	59302	23.80	ug/L	-0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.20%
10) 1,1-Dichloroethene-d2	2.12	63	106112	16.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.28%
20) 2-Butanone-d5	3.94	46	22634	52.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.32%
24) Chloroform-d	4.40	84	48624	16.79	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	67.16%
26) 1,2-Dichloroethane-d4	5.08	65	44351	25.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.80%
29) Benzene-d6	5.10	84	140486	22.79	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.16%
33) 1,2-Dichloropropane-d6	6.11	67	43470	24.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.44%
37) Toluene-d8	7.36	98	121340	20.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.20%
38) trans-1,3-Dichloropropene-	7.67	79	14985	20.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.24%
39) 2-Hexanone-d5	8.13	63	17811	52.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.84%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	42442	23.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.08%
61) 1,2-Dichlorobenzene-d4	11.67	152	45893	24.20	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.80%

Target Compounds

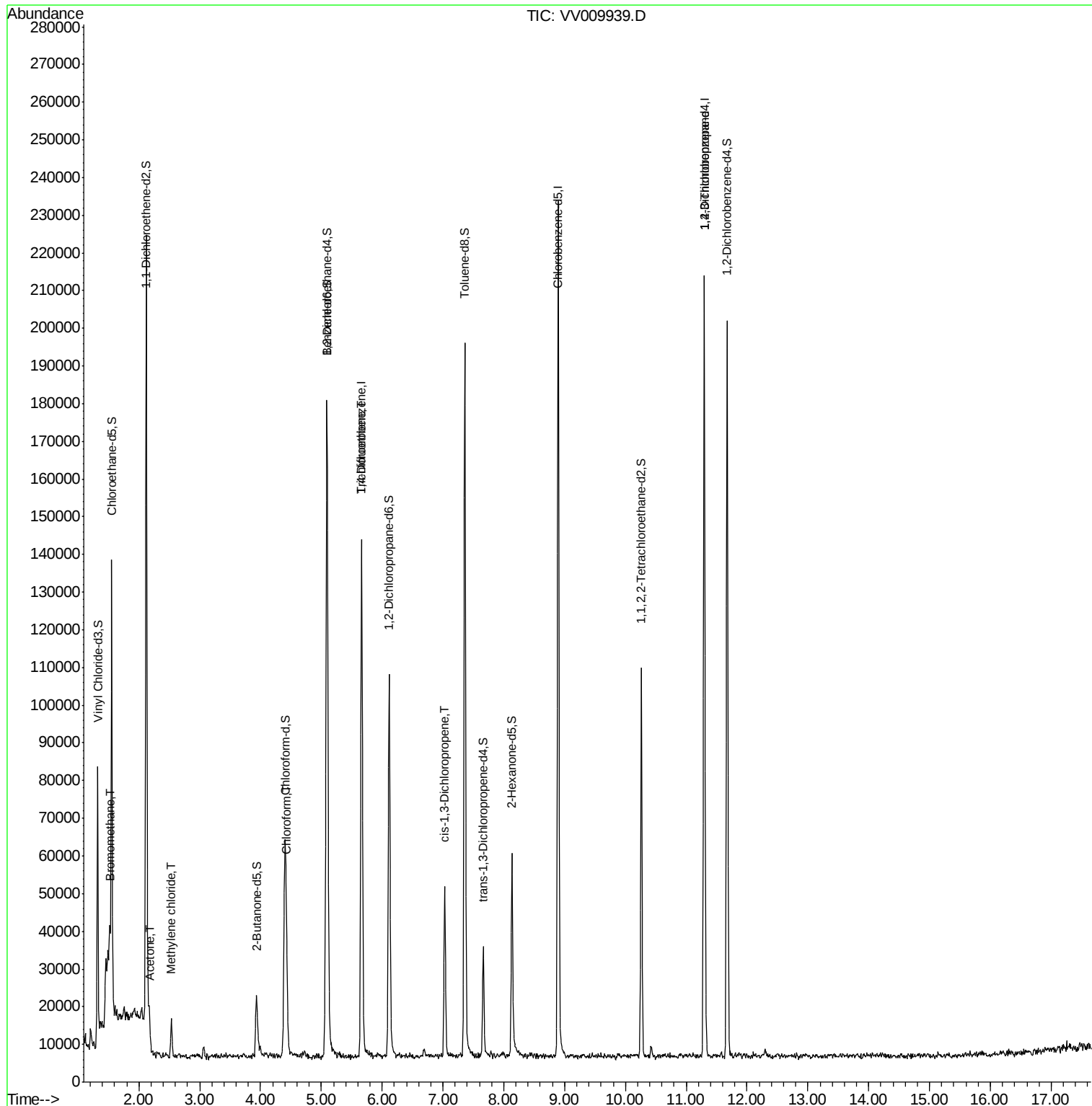
					Qvalue
6) Bromomethane	1.51	94	892	0.338 ug/L	83
13) Acetone	2.19	43	2261	3.474 ug/L	88
16) Methylene chloride	2.53	84	3562	1.903 ug/L	94
25) Chloroform	4.43	83	22826	7.580 ug/L	98
35) Trichloroethene	5.66	95	3372	1.983 ug/L #	5
42) cis-1,3-Dichloropropene	7.03	75	1322	0.563 ug/L	86
59) 1,2,3-Trichloropropane	11.30	75	8393	6.477 ug/L	96

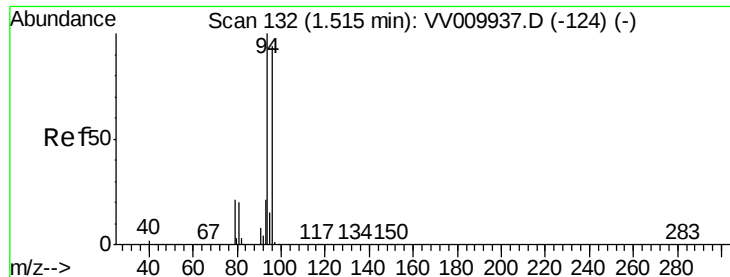
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 0.338 ug/L

RT: 1.51 min Scan# 132

Delta R.T. -0.00 min

Lab File: VV009939.D

Acq: 27 Mar 2019 21:18

Instrument :

MSVOA_V

ClientSampled :

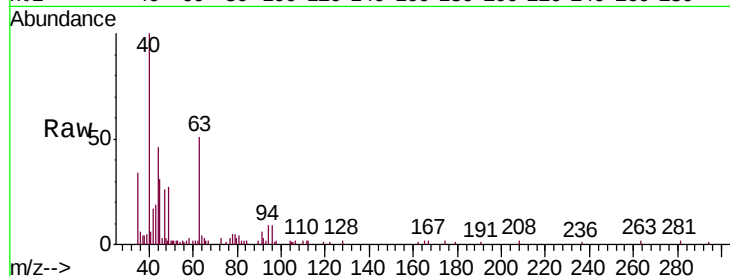
BF0L2

Tgt Ion: 94 Resp: 892

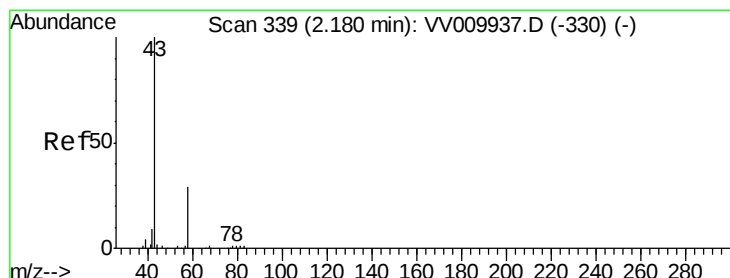
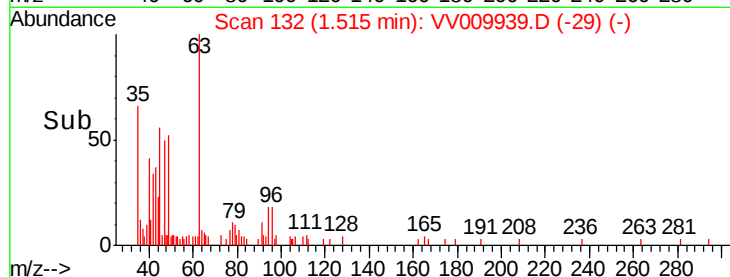
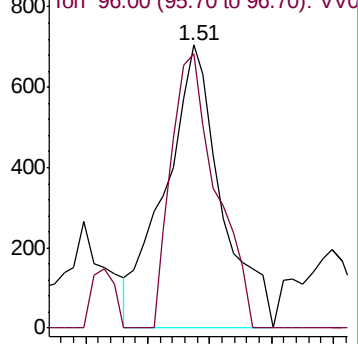
Ion Ratio Lower Upper

94 100

96 78.0 9.4 179.4



Abundance Ion 94.00 (93.70 to 94.70): VV009937.D (-124) (-)



#13

Acetone

Concen: 3.474 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.01 min

Lab File: VV009939.D

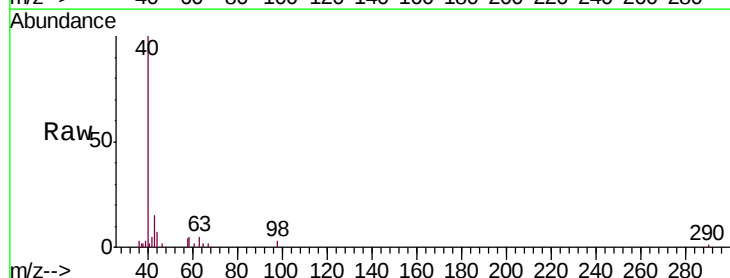
Acq: 27 Mar 2019 21:18

Tgt Ion: 43 Resp: 2261

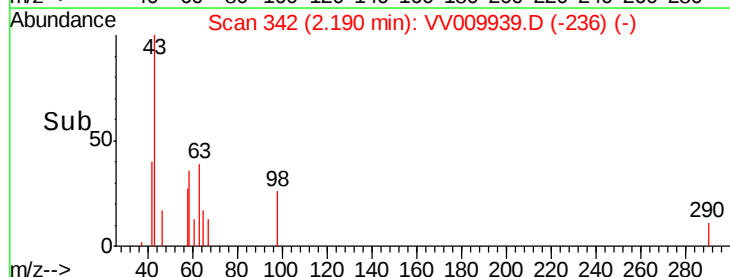
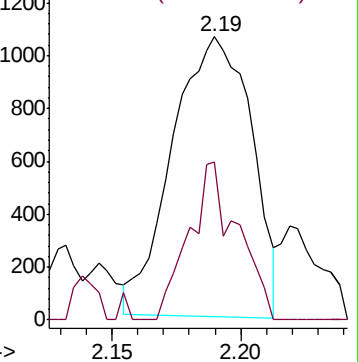
Ion Ratio Lower Upper

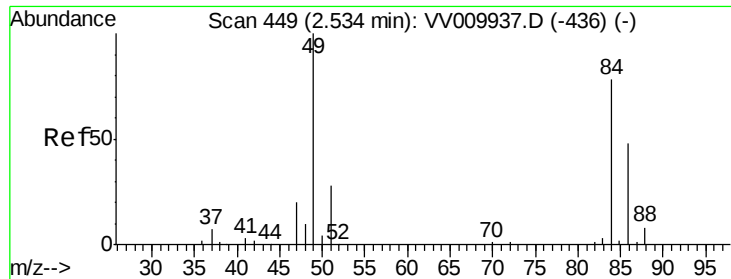
43 100

58 23.4 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV009937.D (-330) (-)

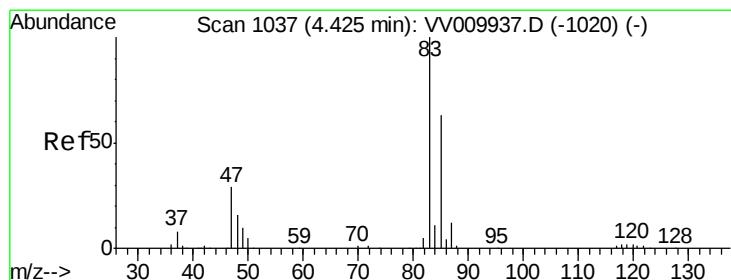
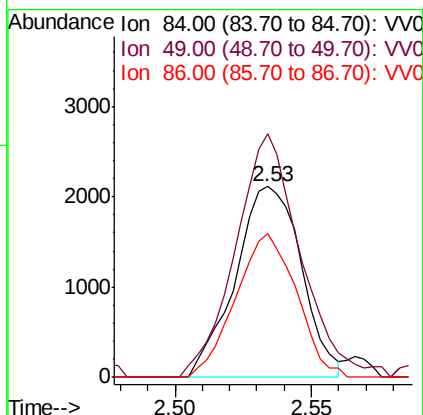
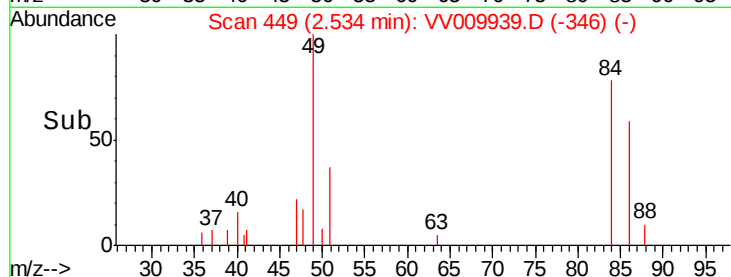
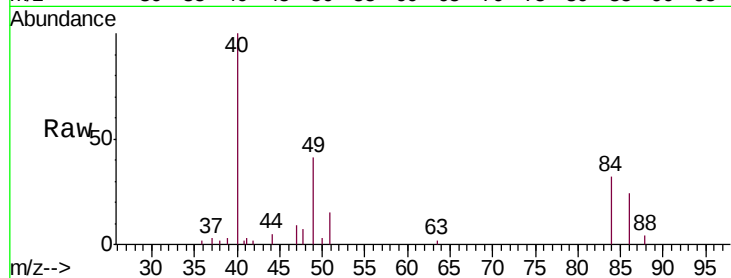




#16
Methylene chloride
Concen: 1.903 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV009939.D
Acq: 27 Mar 2019 21:18

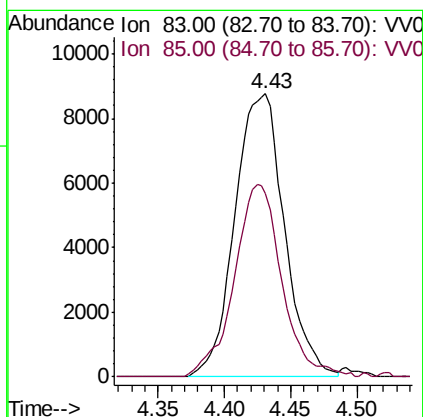
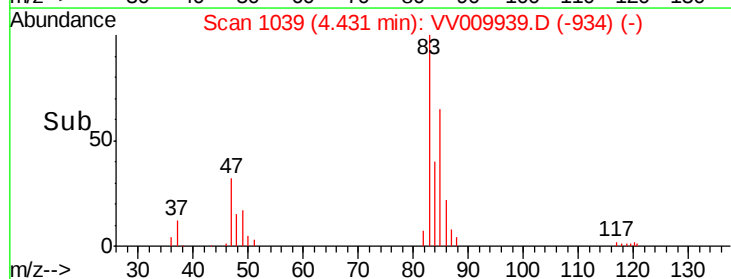
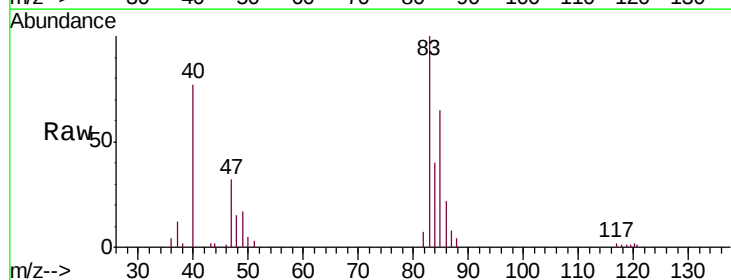
Instrument :
MSVOA_V
ClientSampled :
BF0L2

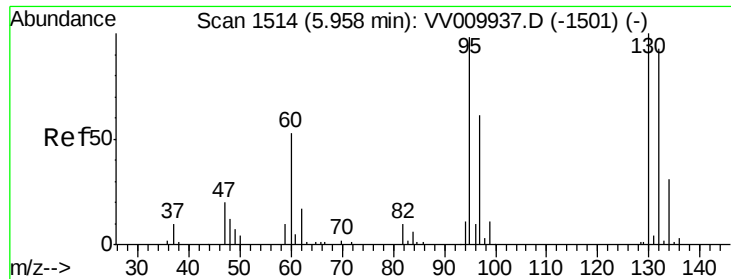
Tgt Ion: 84 Resp: 3562
Ion Ratio Lower Upper
84 100
49 127.5 90.4 167.8
86 75.1 44.0 81.6



#25
Chloroform
Concen: 7.580 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV009939.D
Acq: 27 Mar 2019 21:18

Tgt Ion: 83 Resp: 22826
Ion Ratio Lower Upper
83 100
85 64.0 46.1 85.7

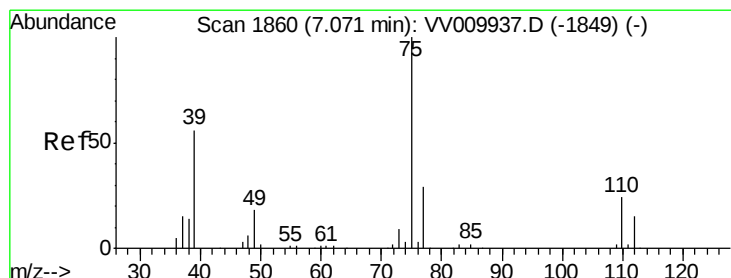
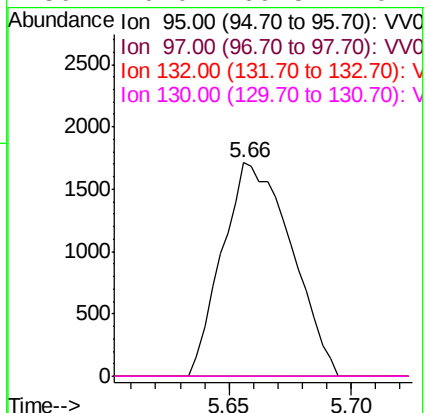
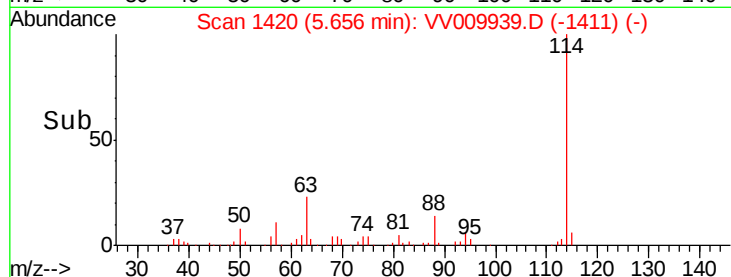
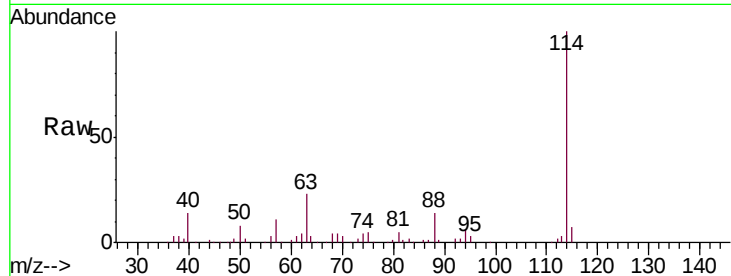




#35
 Trichloroethene
 Concen: 1.983 ug/L
 RT: 5.66 min Scan# 1420
 Delta R.T. -0.30 min
 Lab File: VV009939.D
 Acq: 27 Mar 2019 21:18

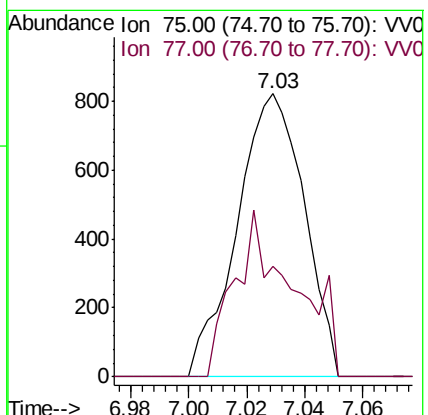
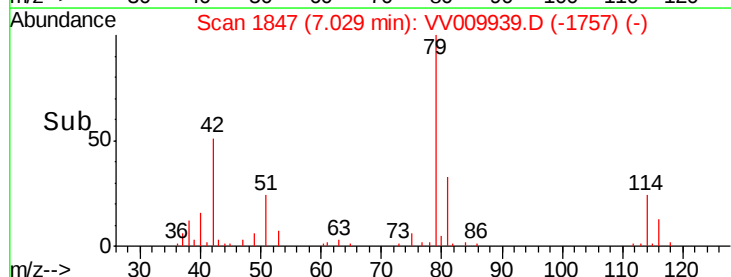
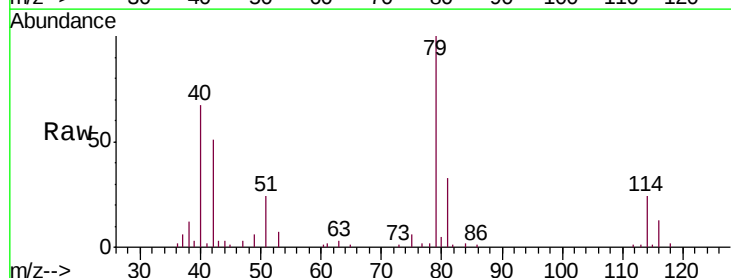
Instrument :
 MSVOA_V
 ClientSampleId :
 BF0L2

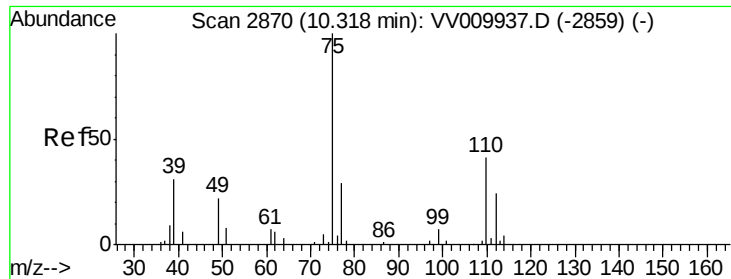
Tgt Ion: 95 Resp: 3372
 Ion Ratio Lower Upper
 95 100
 97 0.0 46.3 85.9#
 132 0.0 69.3 128.7#
 130 0.0 69.5 129.1#



#42
 cis-1,3-Dichloropropene
 Concen: 0.563 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV009939.D
 Acq: 27 Mar 2019 21:18

Tgt Ion: 75 Resp: 1322
 Ion Ratio Lower Upper
 75 100
 77 38.8 21.8 40.6





#59

1,2,3-Trichloropropane

Concen: 6.477 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV009939.D

Acq: 27 Mar 2019 21:18

Instrument :

MSVOA_V

ClientSampleId :

BF0L2

Tgt Ion: 75 Resp: 8393

Ion Ratio Lower Upper

75 100

77 35.2 26.2 39.2

