

Data File : VV010314.D
Acq On : 13 Apr 2019 04:07
Operator : SY/MD
Sample : K2304-09
Misc : 5.02G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Apr 13 05:55:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 05:50:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	292025	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	279741	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	115941	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	66120	19.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.68%
7) Chloroethane-d5	1.55	69	70841	24.52	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.08%
10) 1,1-Dichloroethene-d2	2.11	63	118351	13.83	ug/L	-0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.32%
20) 2-Butanone-d5	3.92	46	45339	53.30	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.60%
24) Chloroform-d	4.39	84	149065	22.35	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.07	65	97246	25.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.40%
29) Benzene-d6	5.09	84	324781	24.08	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.32%
33) 1,2-Dichloropropane-d6	6.11	67	100683	25.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.36%
37) Toluene-d8	7.36	98	300055	22.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.24%
38) trans-1,3-Dichloropropene-	7.66	79	36980	22.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.44%
39) 2-Hexanone-d5	8.13	63	29864	43.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.20%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	82471	22.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.60%
61) 1,2-Dichlorobenzene-d4	11.67	152	103728	24.23	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.92%

Target Compounds

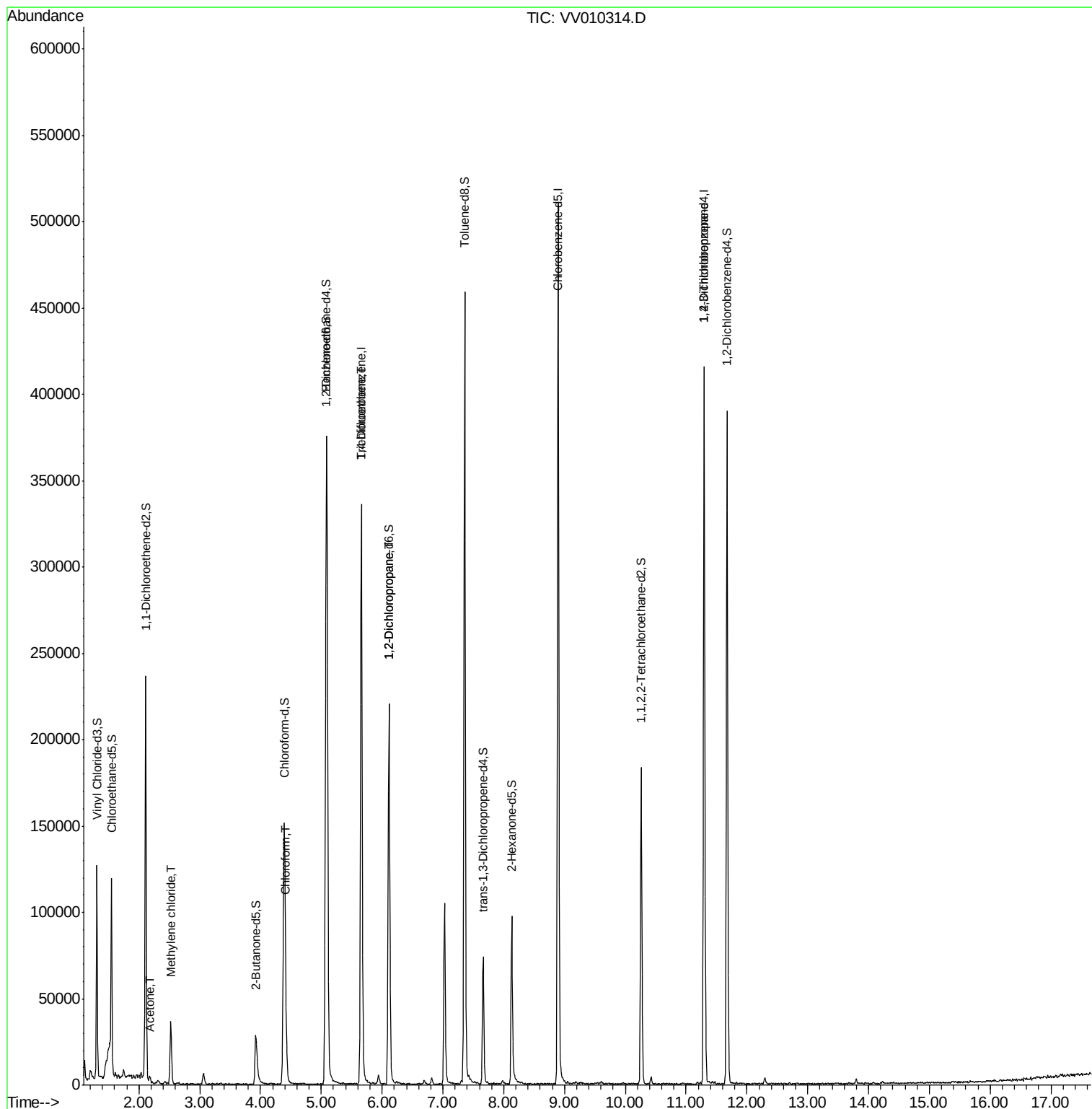
					Qvalue
13) Acetone	2.18	43	1567	1.724 ug/L	96
16) Methylene chloride	2.53	84	15508	2.712 ug/L	96
25) Chloroform	4.42	83	15753	2.202 ug/L #	69
35) Trichloroethene	5.66	95	8213	2.005 ug/L #	3
40) 1,2-Dichloropropane	6.11	63	11730	3.381 ug/L #	85
59) 1,2,3-Trichloropropane	11.29	75	13565	5.067 ug/L	90

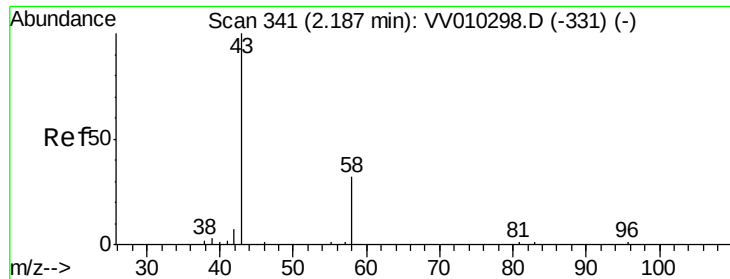
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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Response via : Initial Calibration





#13

Acetone

Concen: 1.724 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

Lab File: VV010314.D

Acq: 13 Apr 2019 04:07

Instrument :

MSVOA_V

ClientSampled :

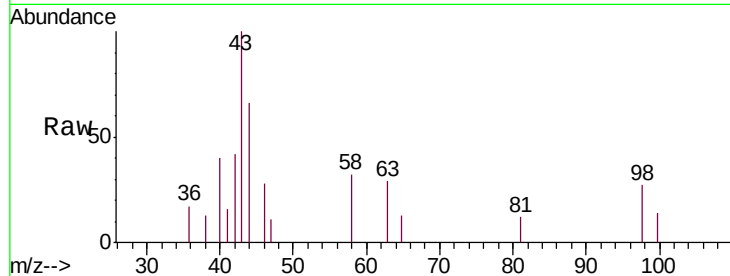
VHBLK01

Tgt Ion: 43 Resp: 1567

Ion Ratio Lower Upper

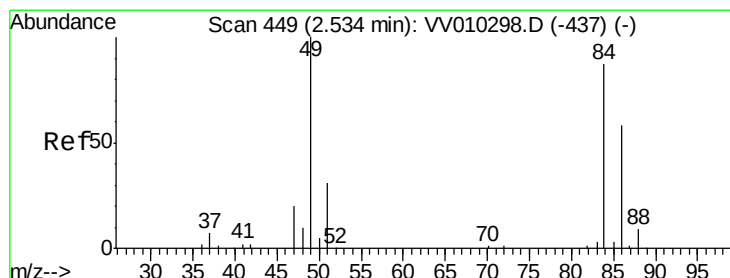
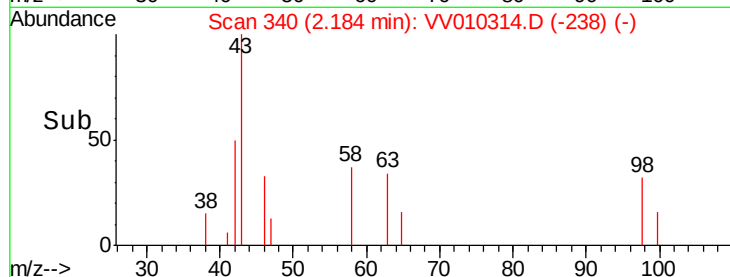
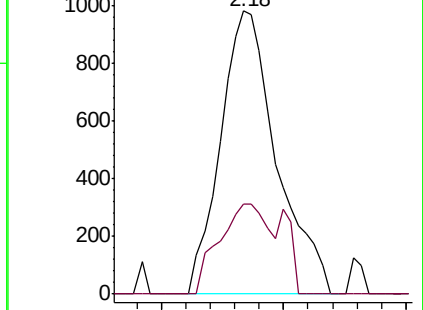
43 100

58 28.5 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV010298.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV010298.D (-331) (-)



#16

Methylene chloride

Concen: 2.712 ug/L

RT: 2.53 min Scan# 447

Delta R.T. -0.01 min

Lab File: VV010314.D

Acq: 13 Apr 2019 04:07

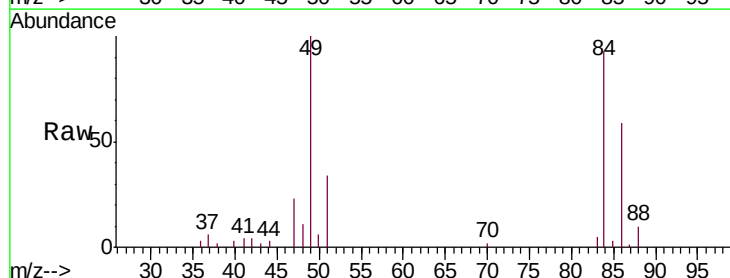
Tgt Ion: 84 Resp: 15508

Ion Ratio Lower Upper

84 100

49 108.0 79.9 148.5

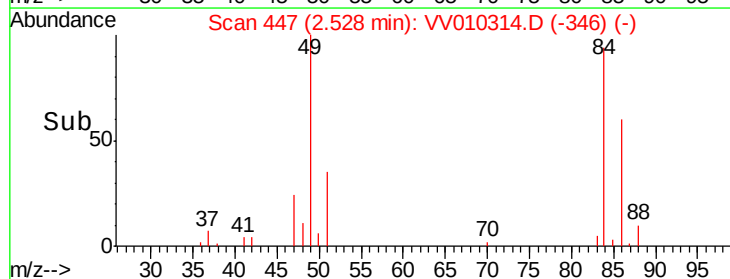
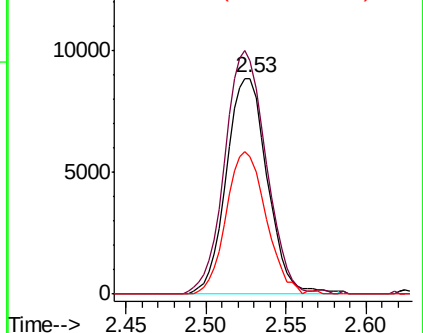
86 63.6 44.5 82.7

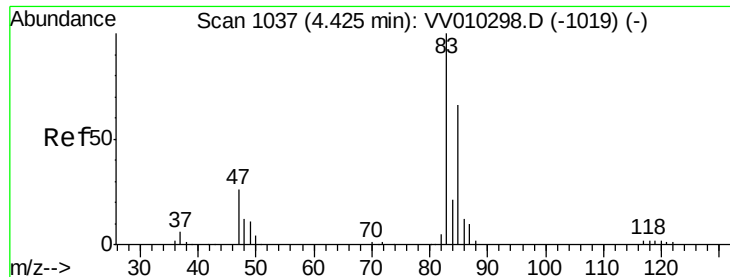


Abundance Ion 84.00 (83.70 to 84.70): VV010298.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV010298.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV010298.D (-437) (-)

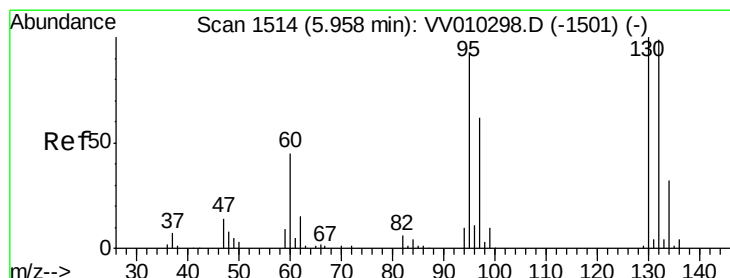
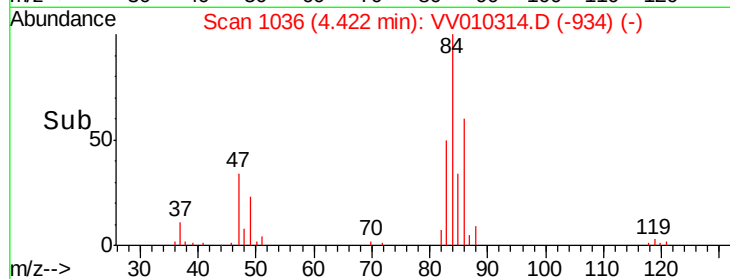
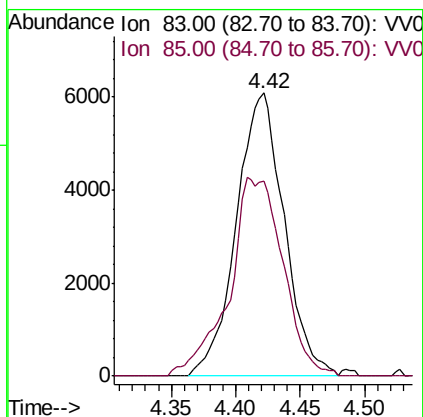
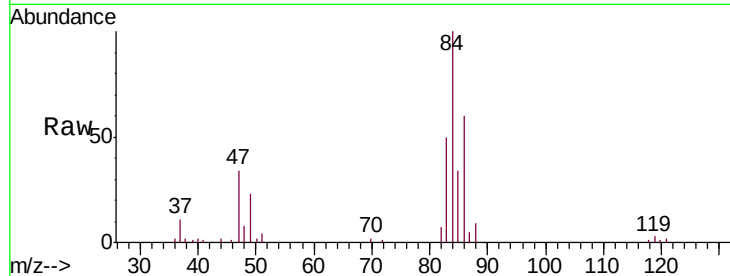




#25
Chloroform
Concen: 2.202 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV010314.D
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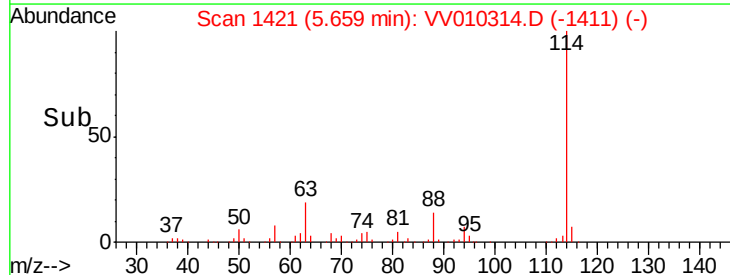
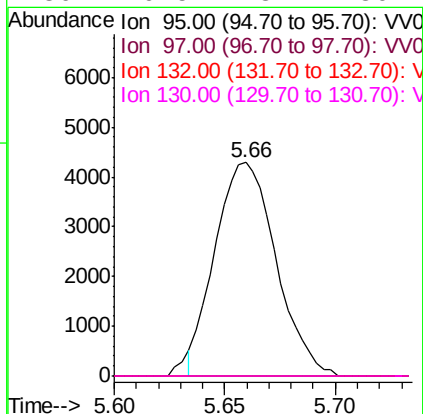
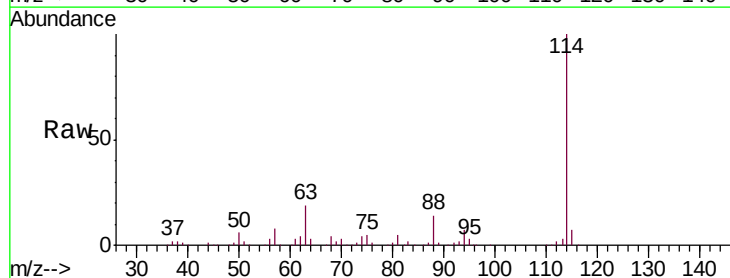
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VHBLK01

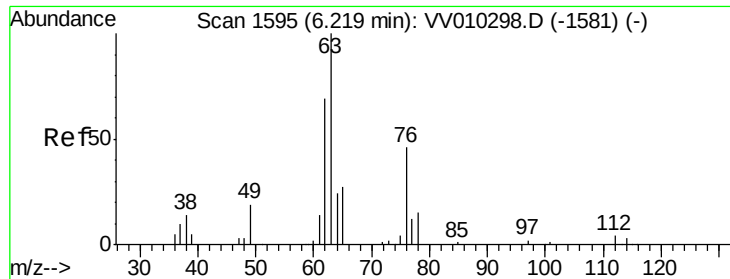
Tgt Ion: 83 Resp: 15753
Ion Ratio Lower Upper
83 100
85 40.0 45.4 84.2#



#35
Trichloroethene
Concen: 2.005 ug/L
RT: 5.66 min Scan# 1421
Delta R.T. -0.30 min
Lab File: VV010314.D
Acq: 13 Apr 2019 04:07

Tgt Ion: 95 Resp: 8213
Ion Ratio Lower Upper
95 100
97 0.0 44.3 82.3#
132 0.0 71.3 132.3#
130 0.5 73.4 136.4#

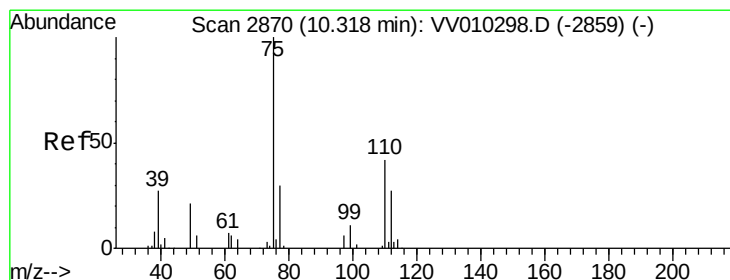
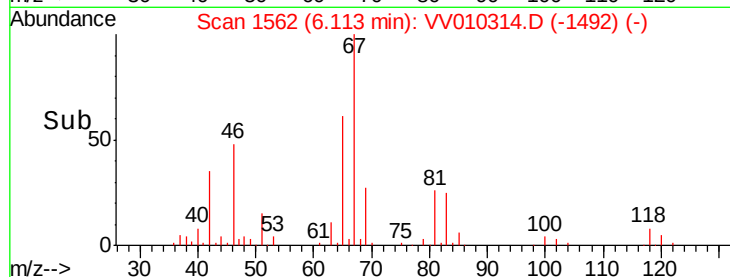
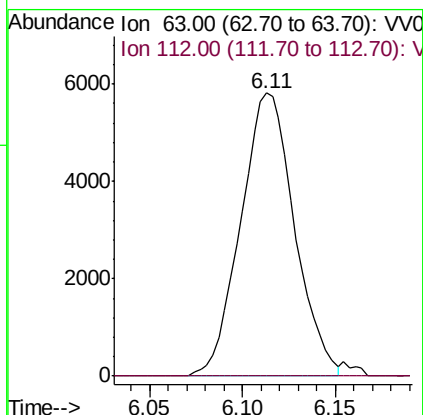
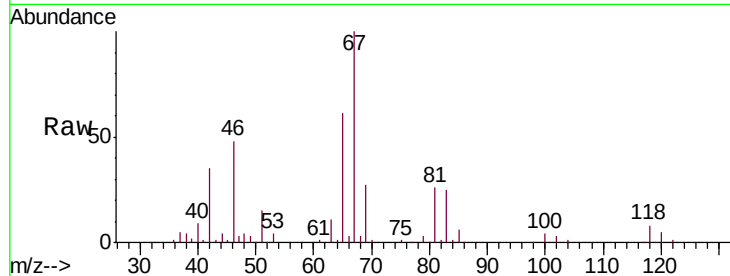




#40
 1,2-Dichloropropane
 Concen: 3.381 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.11 min
 Lab File: VV010314.D
 Acq: 13 Apr 2019 04:07

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Tgt Ion: 63 Resp: 11730
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.0 6.0#



#59
 1,2,3-Trichloropropane
 Concen: 5.067 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.97 min
 Lab File: VV010314.D
 Acq: 13 Apr 2019 04:07

Tgt Ion: 75 Resp: 13565
 Ion Ratio Lower Upper
 75 100
 77 39.2 26.9 40.3

