

Data File : VV010822.D
Acq On : 10 May 2019 19:14
Operator : SY/MD
Sample : K2633-20
Misc : 5.02G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: May 10 23:04:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Fri May 10 22:59:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	81183	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	82172	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	34870	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30697	24.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.36%
7) Chloroethane-d5	1.57	69	28317	27.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.12%
10) 1,1-Dichloroethene-d2	2.13	63	51016	18.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.60%
20) 2-Butanone-d5	3.93	46	18433	48.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.42%
24) Chloroform-d	4.40	84	54308	24.54	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.16%
26) 1,2-Dichloroethane-d4	5.08	65	36268	26.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.96%
29) Benzene-d6	5.10	84	112018	25.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.60%
33) 1,2-Dichloropropane-d6	6.12	67	34597	25.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.40%
37) Toluene-d8	7.36	98	100254	24.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.84%
38) trans-1,3-Dichloropropene-	7.66	79	14749	23.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.92%
39) 2-Hexanone-d5	8.13	63	12767	44.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.54%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	30513	23.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.24%
61) 1,2-Dichlorobenzene-d4	11.67	152	35911	26.59	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.36%

Target Compounds

					Qvalue
13) Acetone	2.19	43	798	1.362 ug/L	66
25) Chloroform	4.43	83	4476	1.822 ug/L	92
35) Trichloroethene	5.67	95	2532	1.874 ug/L #	7
36) Methylcyclohexane	6.12	83	8216	3.794 ug/L #	18
40) 1,2-Dichloropropane	6.11	63	4231	3.297 ug/L #	87
59) 1,2,3-Trichloropropane	11.29	75	4991	4.630 ug/L #	88

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

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ALS Vial      : 1      Sample Multiplier: 1
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Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

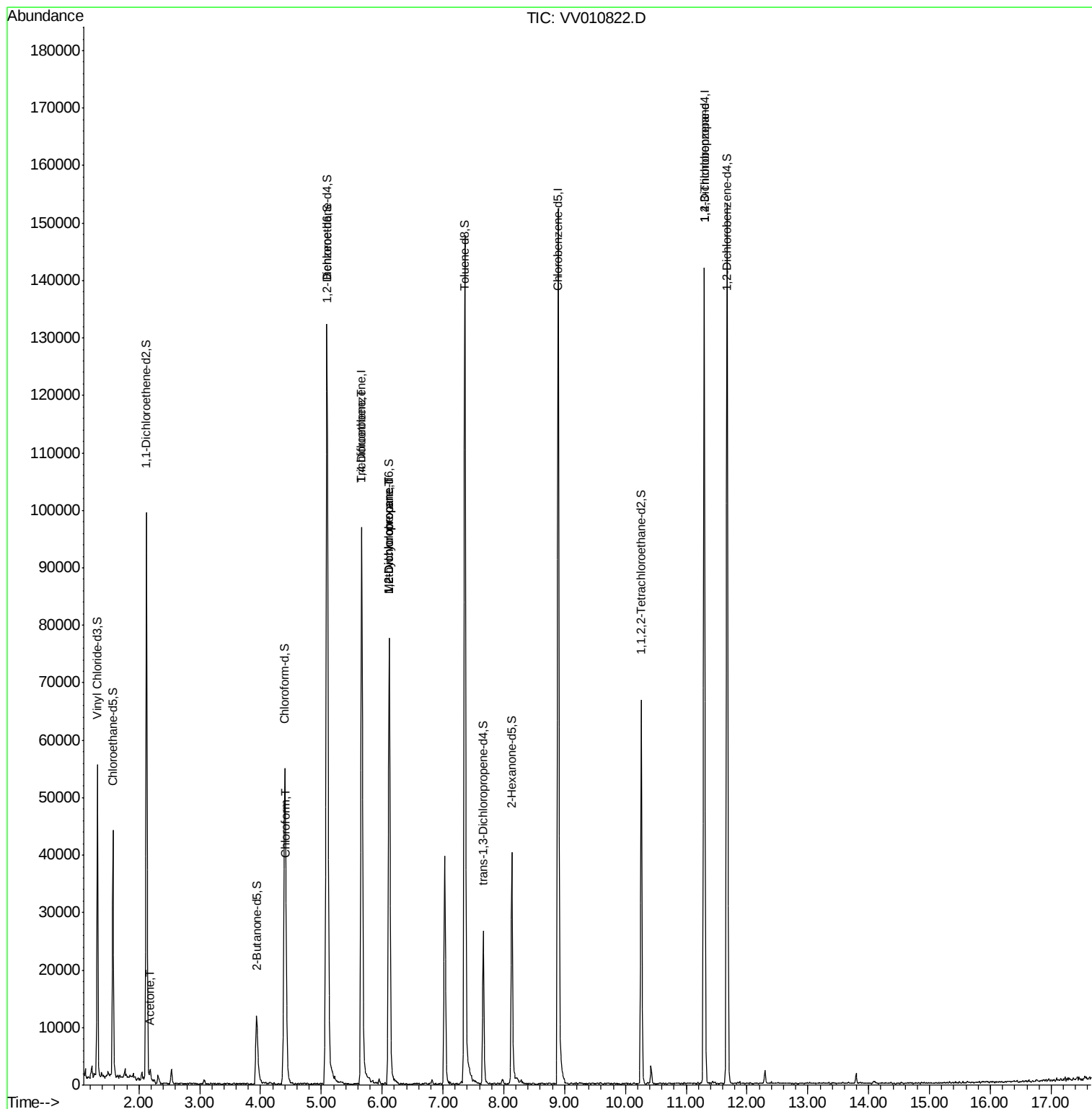
Quant Time: May 10 23:04:44 2019

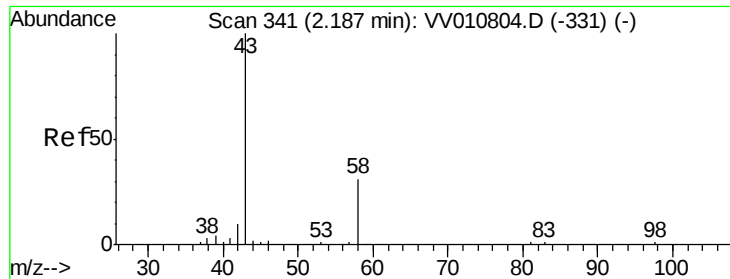
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Quant Title : VOC Analysis

QLast Update : Fri May 10 22:59:03 2019

Response via : Initial Calibration





#13

Acetone

Concen: 1.362 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

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Acq: 10 May 2019 19:14

Instrument :

MSVOA_V

ClientSampleId :

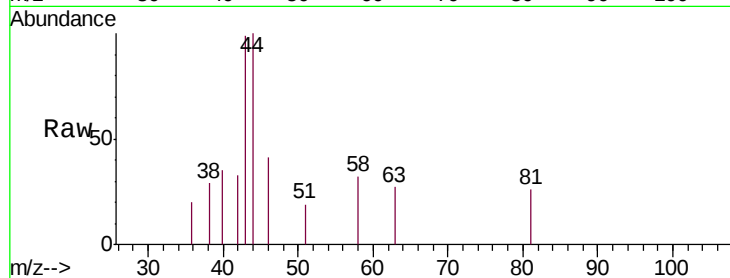
VHBLK01

Tgt Ion: 43 Resp: 798

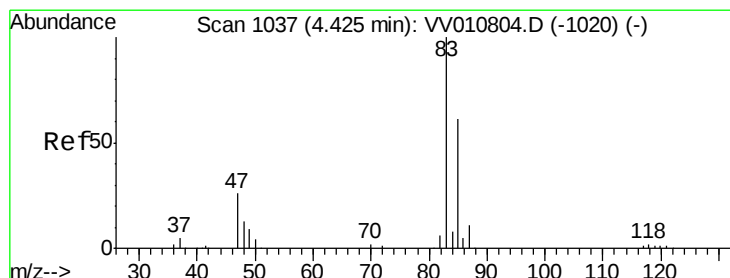
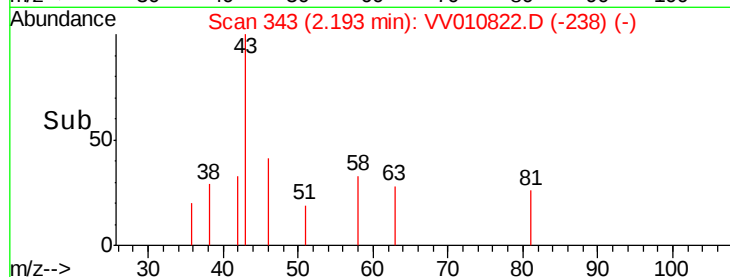
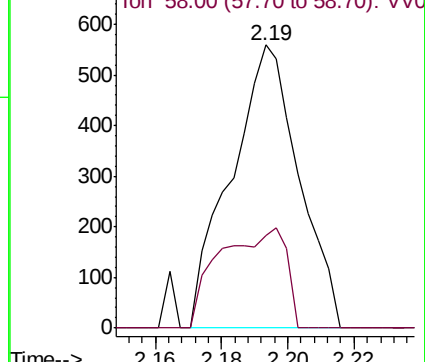
Ion Ratio Lower Upper

43 100

58 13.0 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV010804.D (-331) (-)



#25

Chloroform

Concen: 1.822 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.00 min

Lab File: VV010822.D

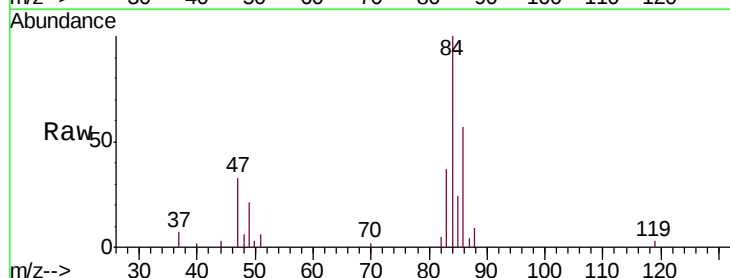
Acq: 10 May 2019 19:14

Tgt Ion: 83 Resp: 4476

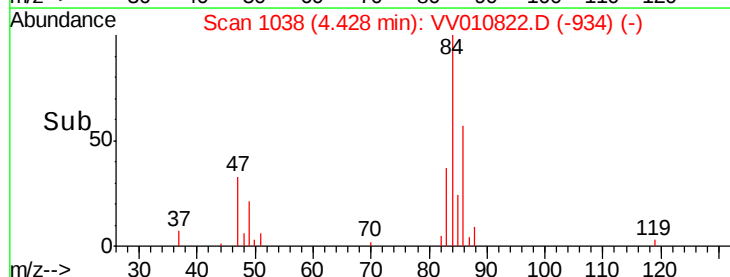
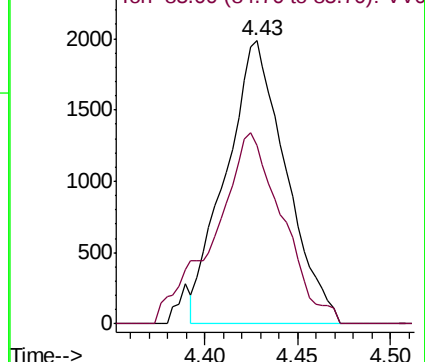
Ion Ratio Lower Upper

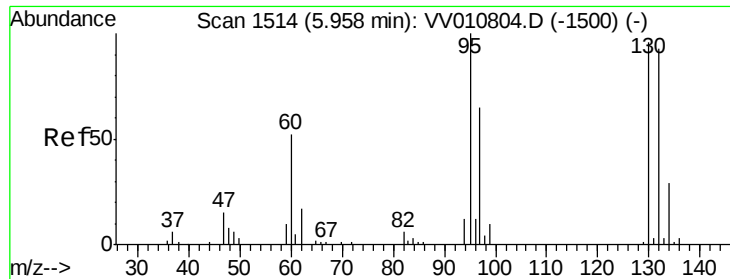
83 100

85 57.2 44.6 82.8



Abundance Ion 83.00 (82.70 to 83.70): VV010804.D (-1020) (-)





#35

Trichloroethene

Concen: 1.874 ug/L

RT: 5.67 min Scan# 1423

Delta R.T. -0.29 min

Lab File: VV010822.D

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Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

Tgt Ion: 95 Resp: 2532

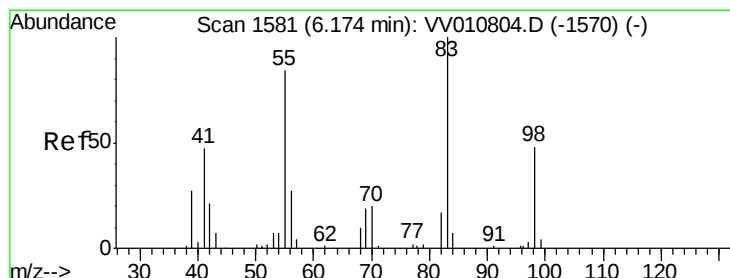
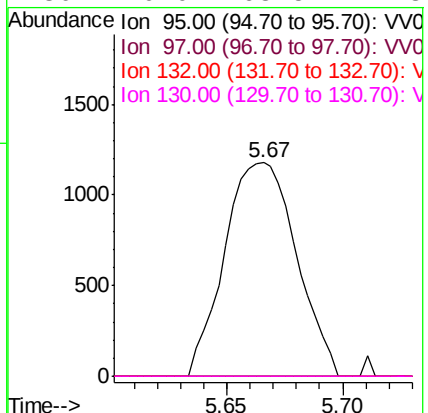
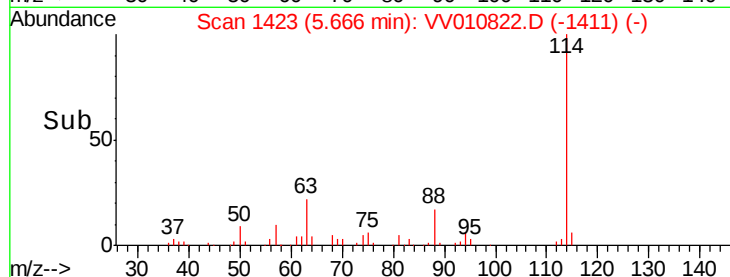
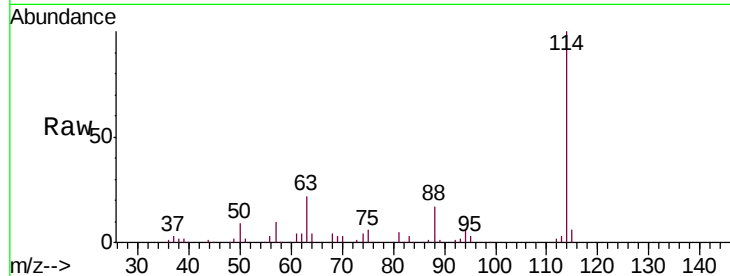
Ion Ratio Lower Upper

95 100

97 0.0 44.3 82.3#

132 0.0 62.4 115.8#

130 0.0 68.5 127.3#



#36

Methylcyclohexane

Concen: 3.794 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV010822.D

Acq: 10 May 2019 19:14

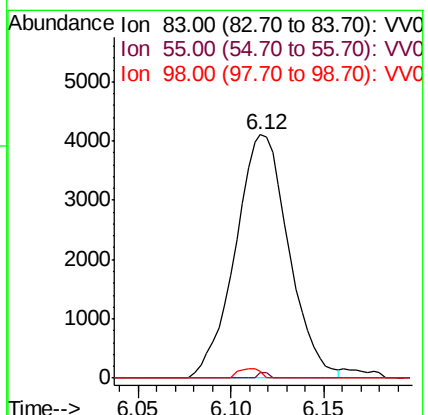
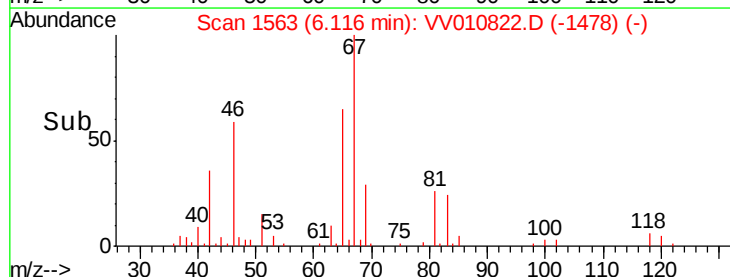
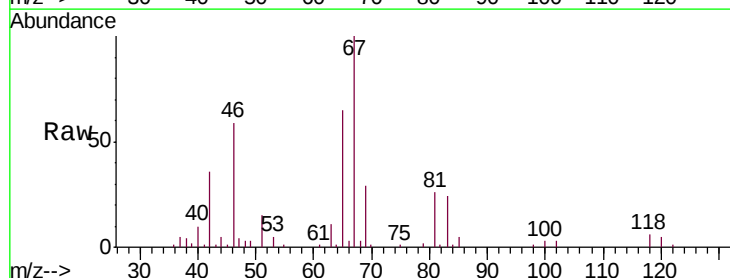
Tgt Ion: 83 Resp: 8216

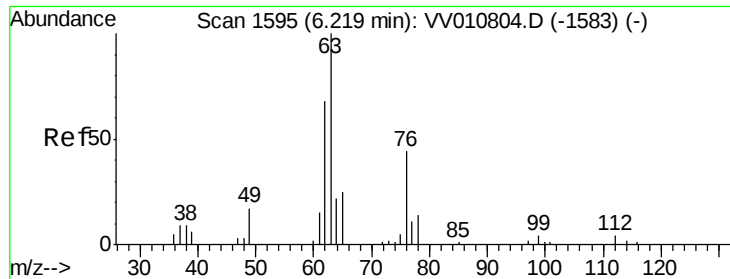
Ion Ratio Lower Upper

83 100

55 0.5 64.6 96.8#

98 1.6 37.7 56.5#

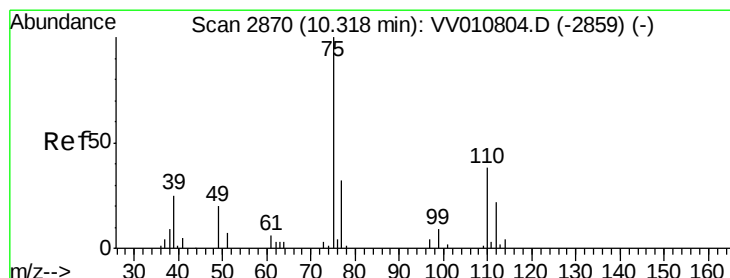
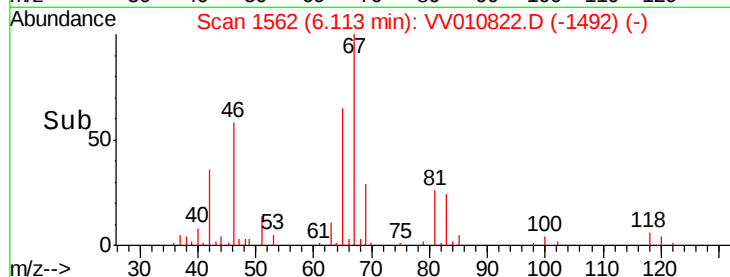
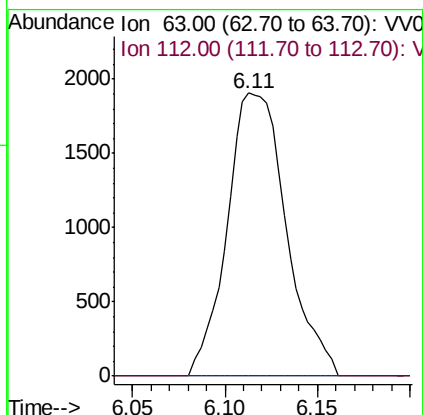
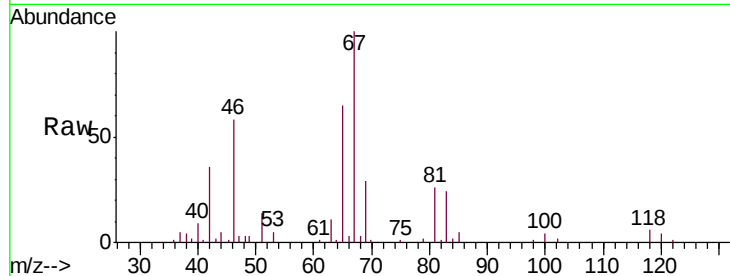




#40
 1,2-Dichloropropane
 Concen: 3.297 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.11 min
 Lab File: VV010822.D
 Acq: 10 May 2019 19:14

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Tgt Ion: 63 Resp: 4231
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#59
 1,2,3-Trichloropropane
 Concen: 4.630 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.97 min
 Lab File: VV010822.D
 Acq: 10 May 2019 19:14

Tgt Ion: 75 Resp: 4991
 Ion Ratio Lower Upper
 75 100
 77 37.7 25.0 37.6#

