

Data File : VV010068.D
Acq On : 02 Apr 2019 20:13
Operator : SY/MD
Sample : K2148-04
Misc : 6.29G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF5F5

Quant Time: Apr 03 06:49:42 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	259033	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	253771	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	108482	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	63514	18.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.28%
7) Chloroethane-d5	1.58	69	114108	26.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.96%
10) 1,1-Dichloroethene-d2	2.13	63	131049	14.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.92%
20) 2-Butanone-d5	3.96	46	27196	27.56	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	55.12%
24) Chloroform-d	4.40	84	154225	23.63	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.52%
26) 1,2-Dichloroethane-d4	5.08	65	86406	23.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.68%
29) Benzene-d6	5.10	84	319147	24.25	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.00%
33) 1,2-Dichloropropane-d6	6.12	67	95262	24.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.12%
37) Toluene-d8	7.36	98	294594	23.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.92%
38) trans-1,3-Dichloropropene-	7.67	79	30335	18.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.08%
39) 2-Hexanone-d5	8.14	63	19248	24.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	49.42%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	71042	18.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.20%
61) 1,2-Dichlorobenzene-d4	11.67	152	107529	25.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.80%

Target Compounds

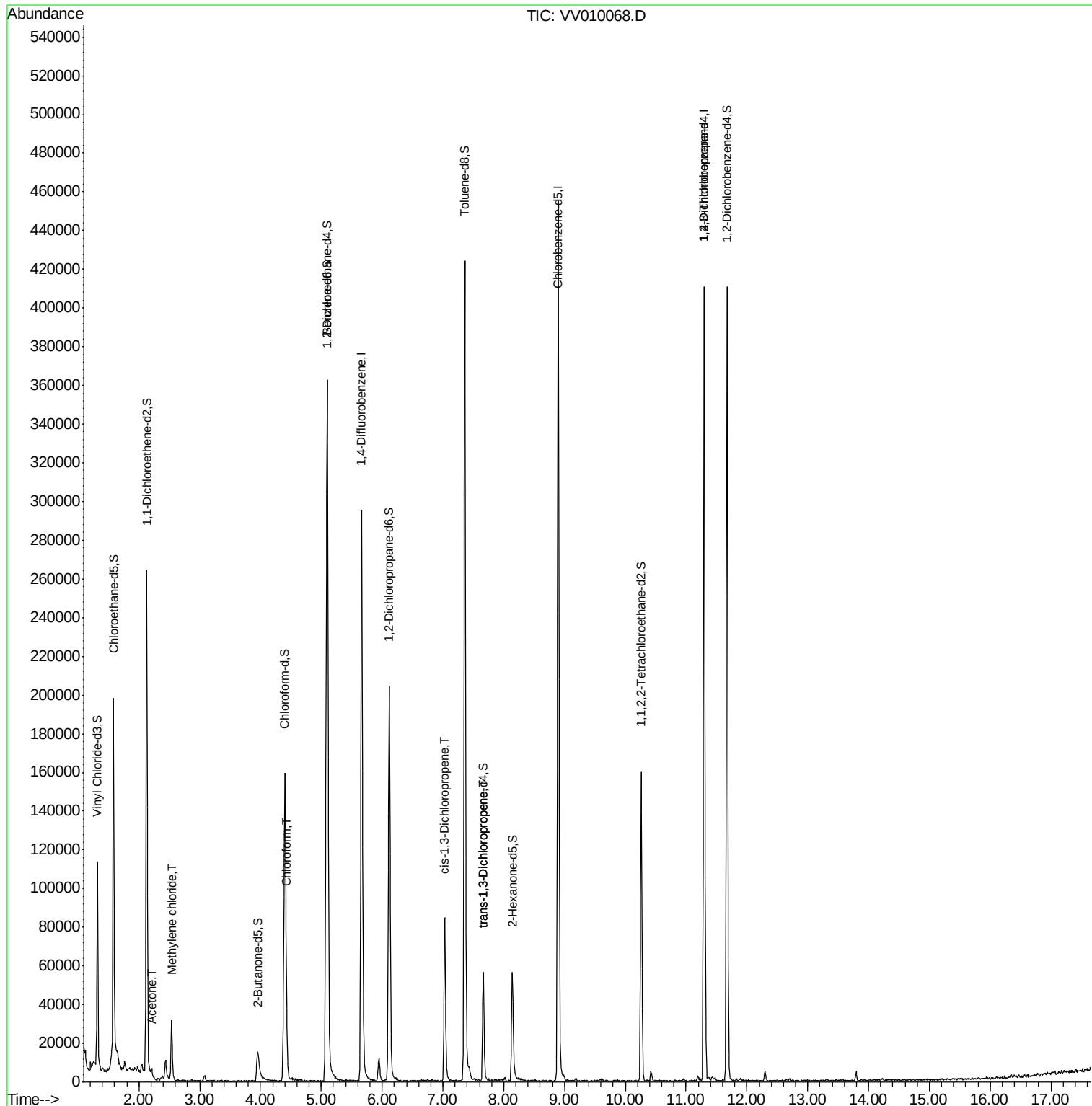
					Qvalue
13) Acetone	2.21	43	4643	4.759 ug/L	94
16) Methylene chloride	2.54	84	12502	2.747 ug/L	94
25) Chloroform	4.43	83	6076	1.032 ug/L #	67
42) cis-1,3-Dichloropropene	7.03	75	2856	0.629 ug/L #	72
45) trans-1,3-Dichloropropene	7.67	75	1905	0.493 ug/L	92
59) 1,2,3-Trichloropropane	11.30	75	13806	5.392 ug/L	94

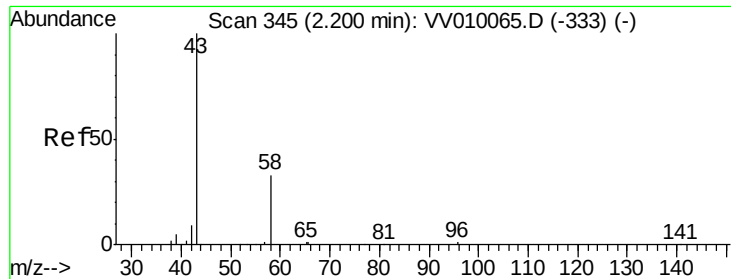
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.759 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.01 min

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Instrument :

MSVOA_V

ClientSampled :

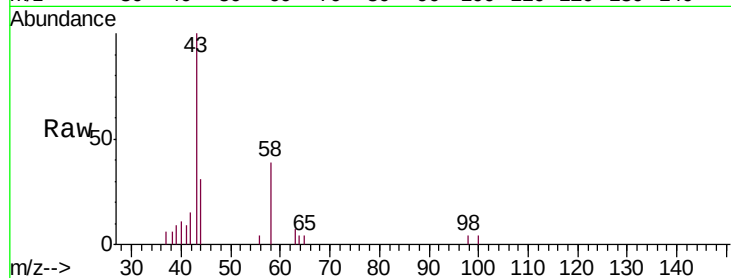
BF5F5

Tgt Ion: 43 Resp: 4643

Ion Ratio Lower Upper

43 100

58 29.2 0.0 64.6



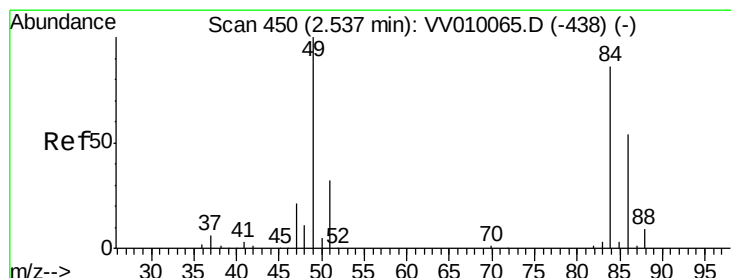
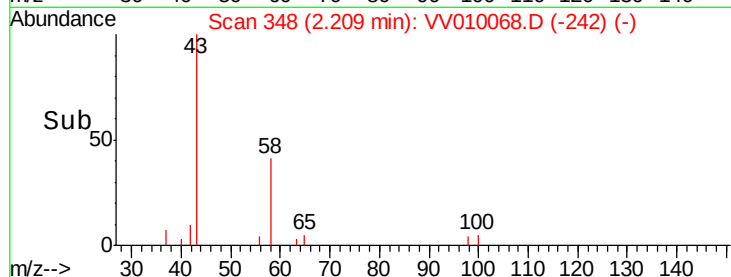
Abundance Ion 43.00 (42.70 to 43.70): VV010065.D (-333) (-)

Ion 58.00 (57.70 to 58.70): VV010065.D (-333) (-)

2.21

2.25

Time-->



#16

Methylene chloride

Concen: 2.747 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV010068.D

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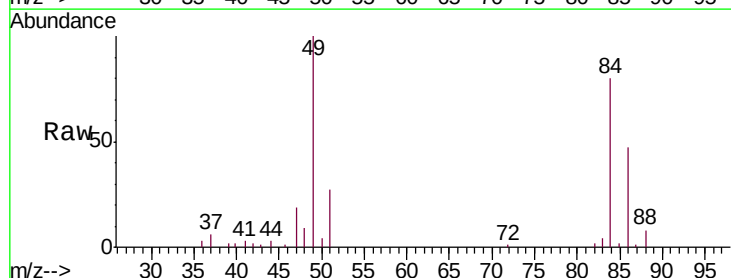
Tgt Ion: 84 Resp: 12502

Ion Ratio Lower Upper

84 100

49 125.0 84.3 156.5

86 58.2 45.4 84.2



Abundance Ion 84.00 (83.70 to 84.70): VV010065.D (-438) (-)

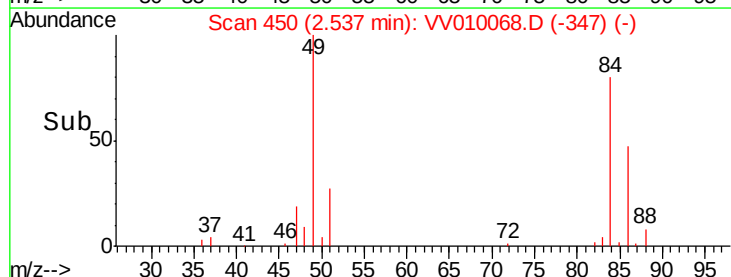
Ion 49.00 (48.70 to 49.70): VV010065.D (-438) (-)

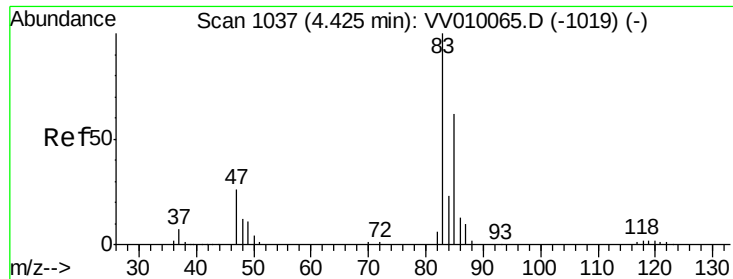
Ion 86.00 (85.70 to 86.70): VV010065.D (-438) (-)

2.54

2.55

Time-->

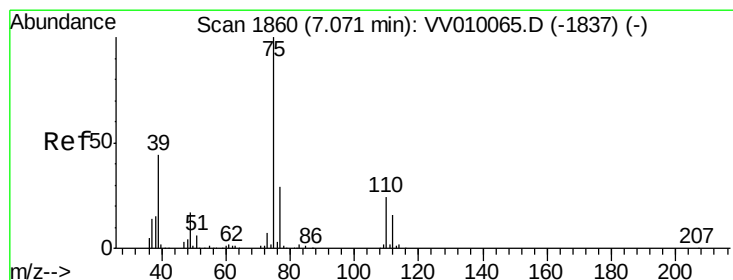
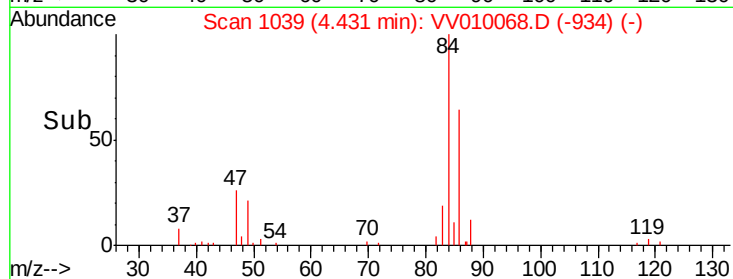
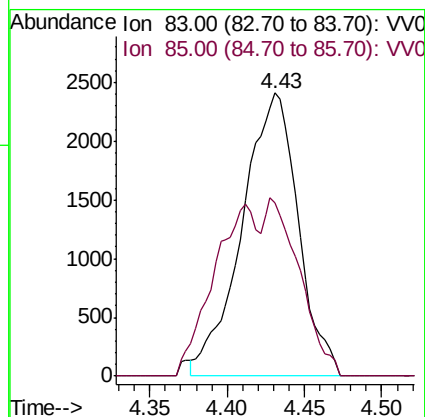
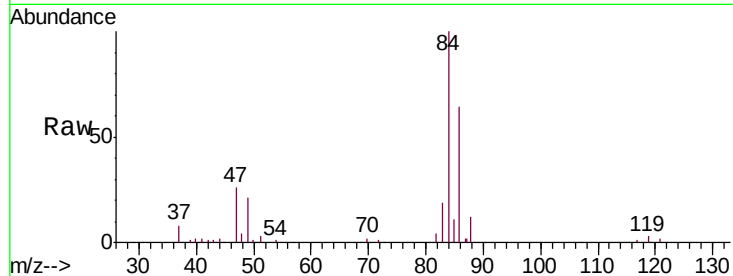




#25
Chloroform
Concen: 1.032 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
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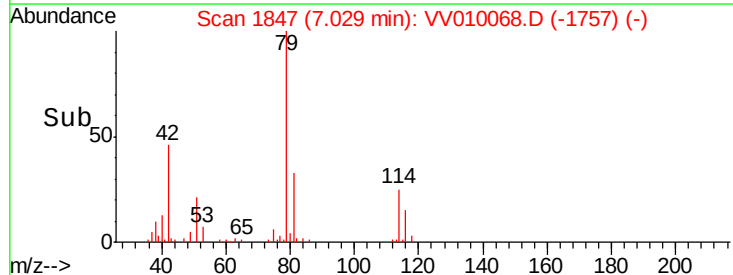
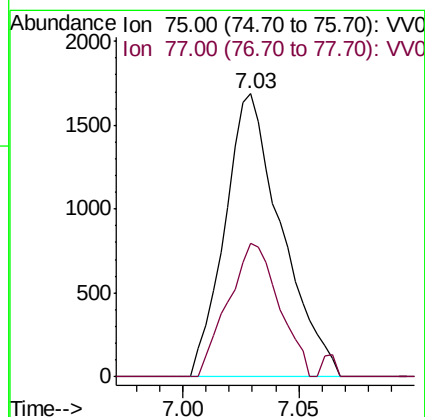
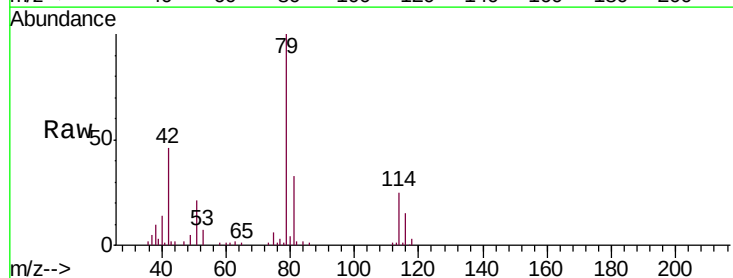
Instrument :
MSVOA_V
ClientSampled :
BF5F5

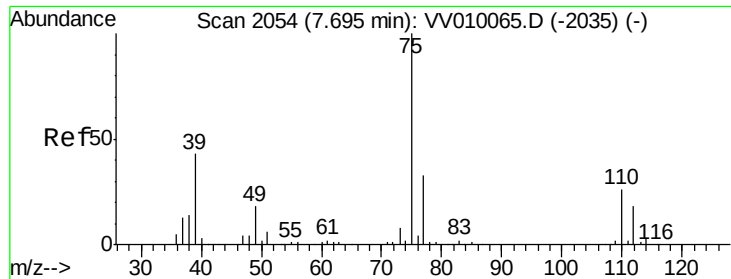
Tgt Ion: 83 Resp: 6076
Ion Ratio Lower Upper
83 100
85 39.7 46.4 86.2#



#42
cis-1,3-Dichloropropene
Concen: 0.629 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV010068.D
Acq: 02 Apr 2019 20:13

Tgt Ion: 75 Resp: 2856
Ion Ratio Lower Upper
75 100
77 47.0 22.1 41.1#

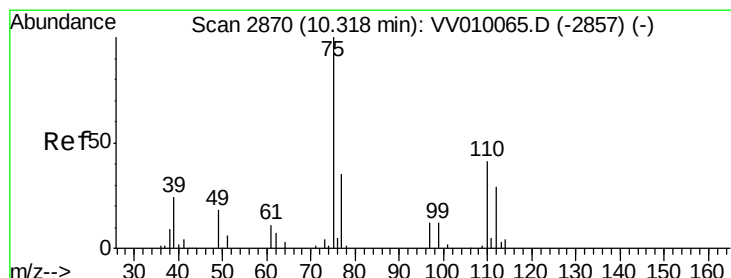
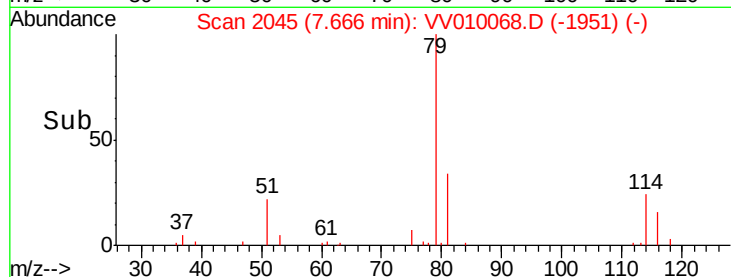
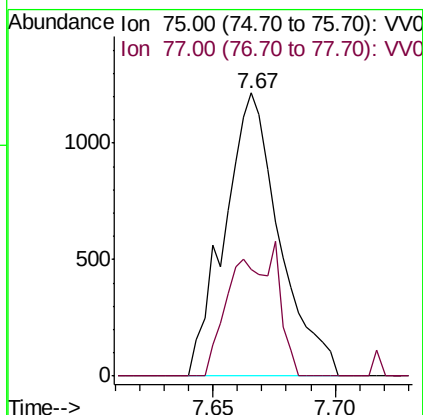
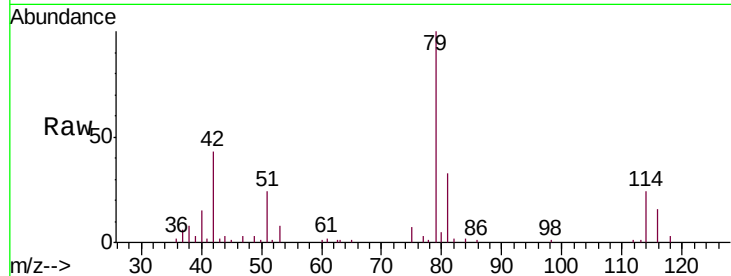




#45
trans-1,3-Dichloropropene
Concen: 0.493 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV010068.D
Acq: 02 Apr 2019 20:13

Instrument :
MSVOA_V
ClientSampled :
BF5F5

Tgt Ion: 75 Resp: 1905
Ion Ratio Lower Upper
75 100
77 37.9 23.5 43.7



#59
1,2,3-Trichloropropane
Concen: 5.392 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV010068.D
Acq: 02 Apr 2019 20:13

Tgt Ion: 75 Resp: 13806
Ion Ratio Lower Upper
75 100
77 35.5 25.8 38.8

