

Data File : VV010224.D
Acq On : 10 Apr 2019 21:50
Operator : SY/MD
Sample : K2218-16
Misc : 5.09G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 11 07:11:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 11 07:05:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	232152	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	229177	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	104701	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	59137	22.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.52%
7) Chloroethane-d5	1.58	69	54025	23.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.08%
10) 1,1-Dichloroethene-d2	2.13	63	113301	16.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.64%
20) 2-Butanone-d5	3.93	46	33864	50.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.14%
24) Chloroform-d	4.40	84	119691	22.58	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.32%
26) 1,2-Dichloroethane-d4	5.08	65	78058	25.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.40%
29) Benzene-d6	5.10	84	261552	23.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.68%
33) 1,2-Dichloropropane-d6	6.12	67	80123	24.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.52%
37) Toluene-d8	7.36	98	249509	23.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.60%
38) trans-1,3-Dichloropropene-	7.66	79	30440	22.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.84%
39) 2-Hexanone-d5	8.13	63	25347	44.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.30%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	69275	23.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.92%
61) 1,2-Dichlorobenzene-d4	11.68	152	96219	24.88	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.52%

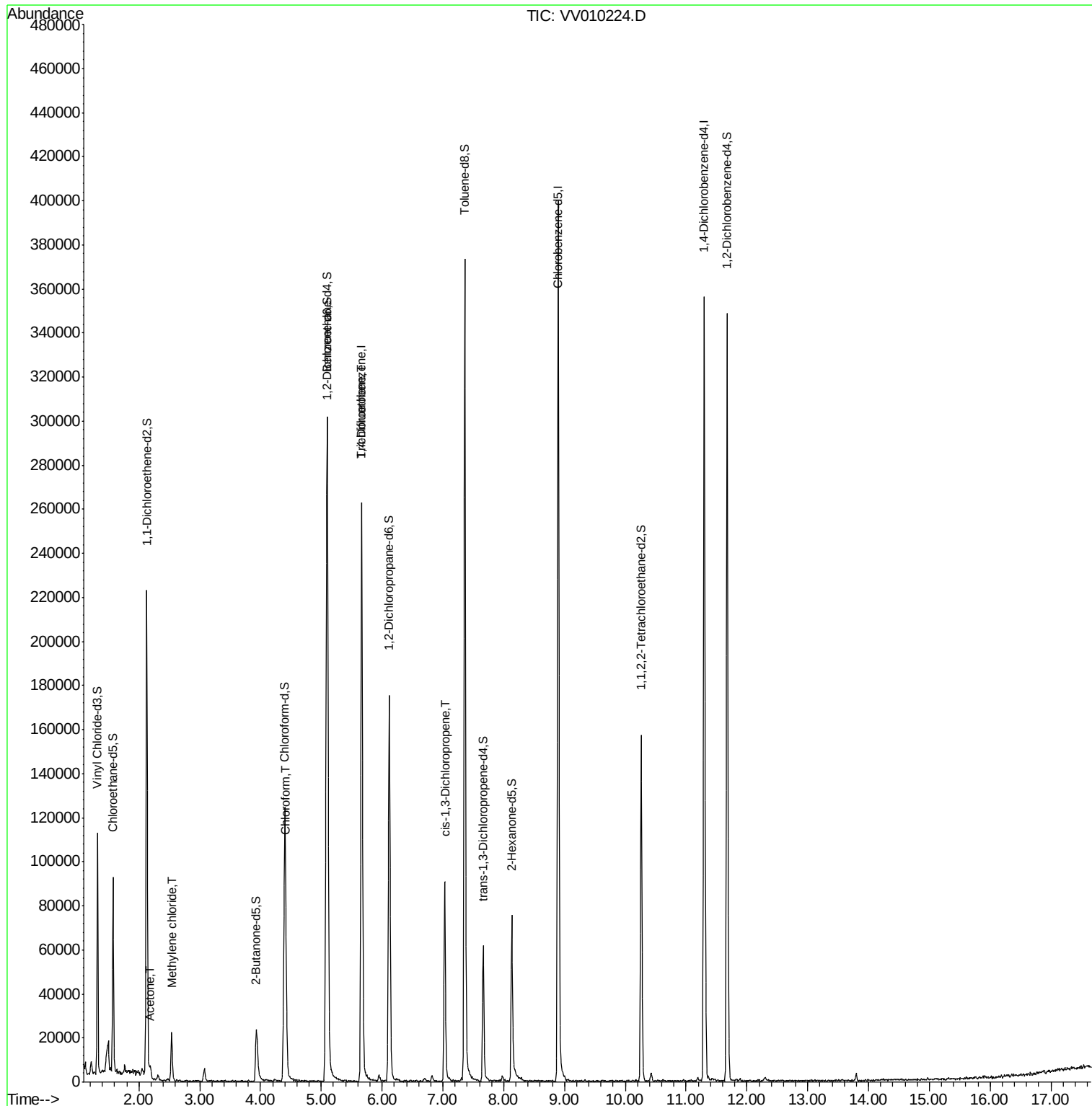
Target Compounds

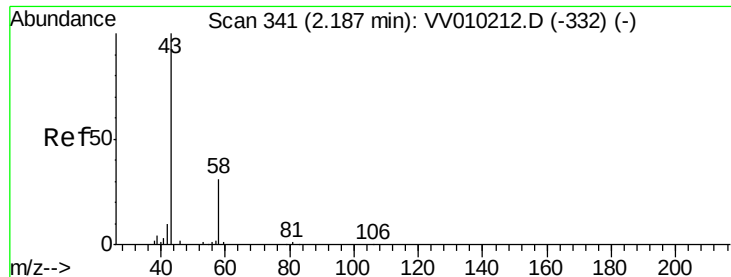
					Qvalue
13) Acetone	2.19	43	2075	2.872 ug/L	93
16) Methylene chloride	2.54	84	8866	1.950 ug/L	91
25) Chloroform	4.42	83	8255	1.452 ug/L	85
35) Trichloroethene	5.66	95	6991	2.083 ug/L #	3
42) cis-1,3-Dichloropropene	7.03	75	2657	0.617 ug/L #	80

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

Data File : VV010224.D
Acq On : 10 Apr 2019 21:50
Operator : SY/MD
Sample : K2218-16
Misc : 5.09G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 11 07:11:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 11 07:05:16 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.872 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV010224.D

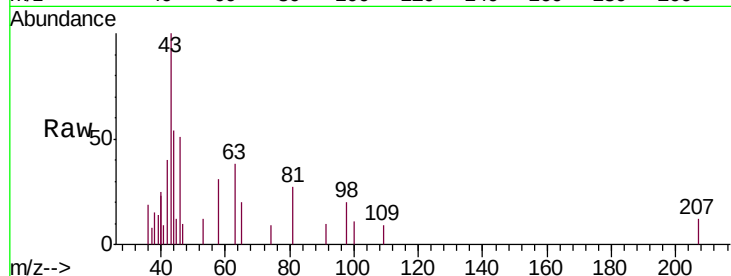
Acq: 10 Apr 2019 21:50

Tgt Ion: 43 Resp: 2075

Ion Ratio Lower Upper

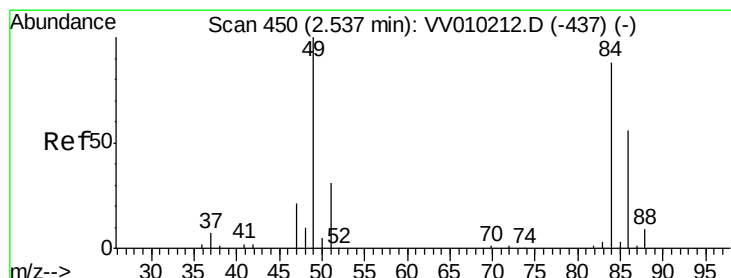
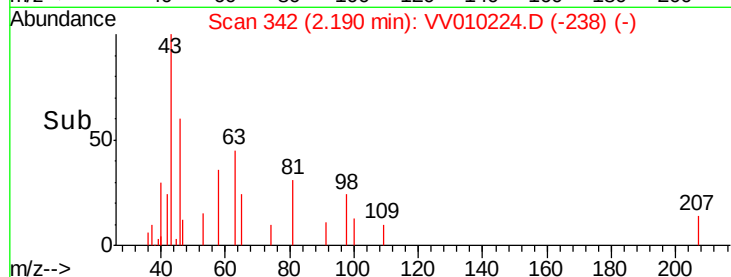
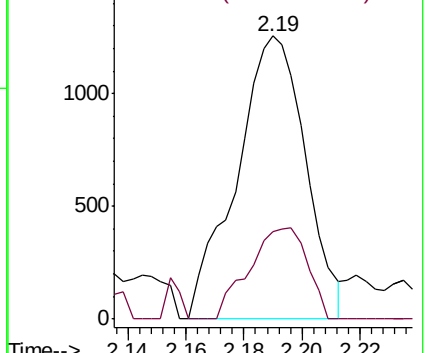
43 100

58 27.1 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#16

Methylene chloride

Concen: 1.950 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV010224.D

Acq: 10 Apr 2019 21:50

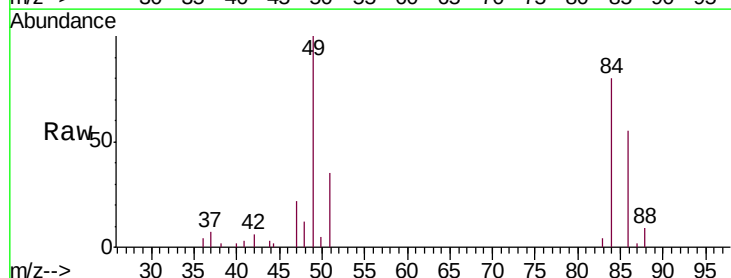
Tgt Ion: 84 Resp: 8866

Ion Ratio Lower Upper

84 100

49 125.0 79.9 148.5

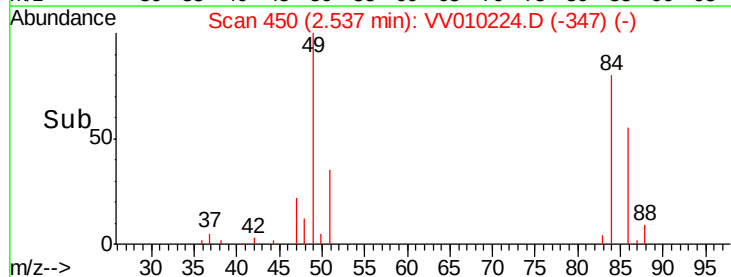
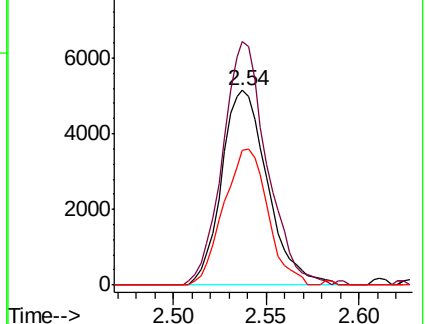
86 69.0 44.5 82.7

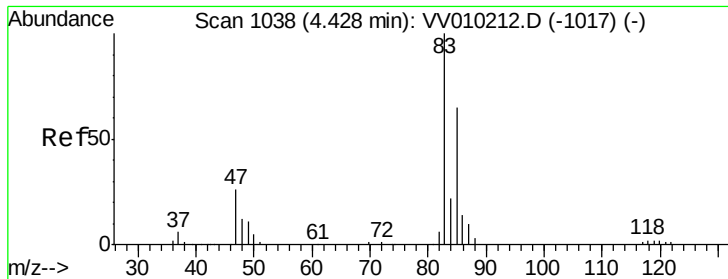


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

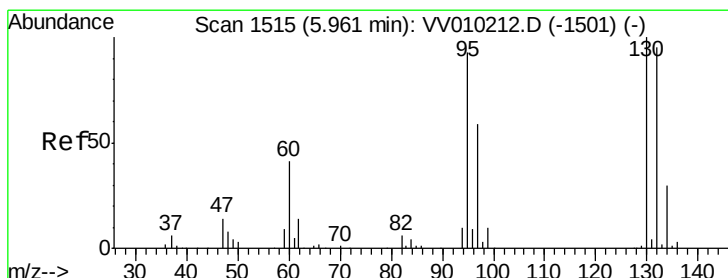
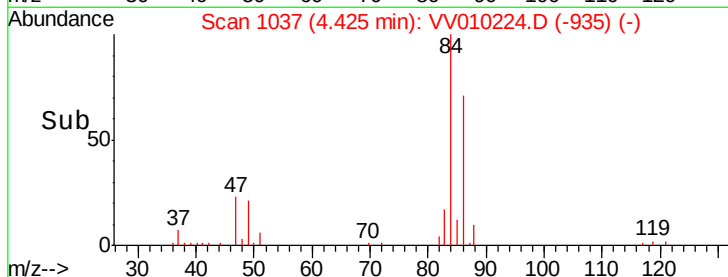
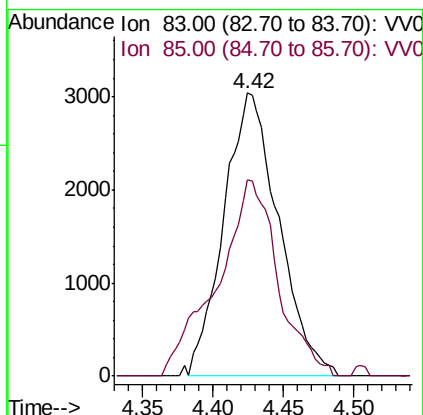
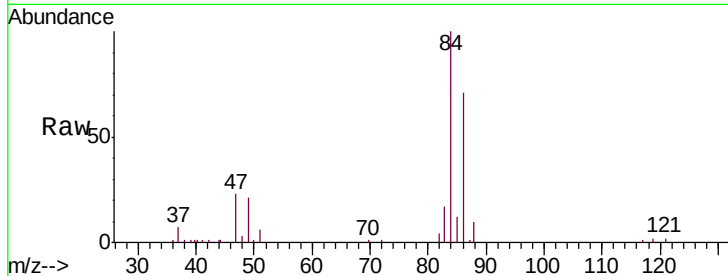
Ion 86.00 (85.70 to 86.70): VV0





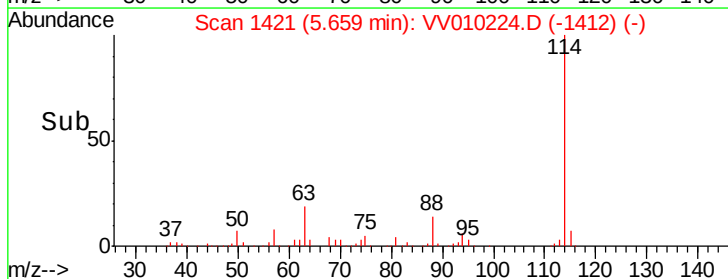
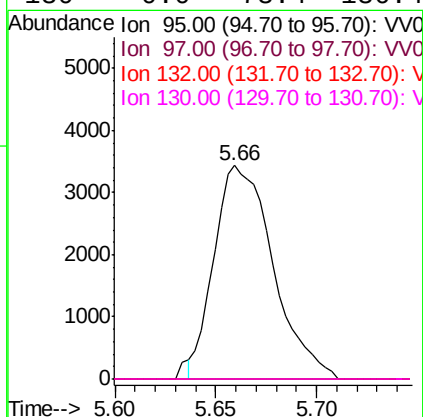
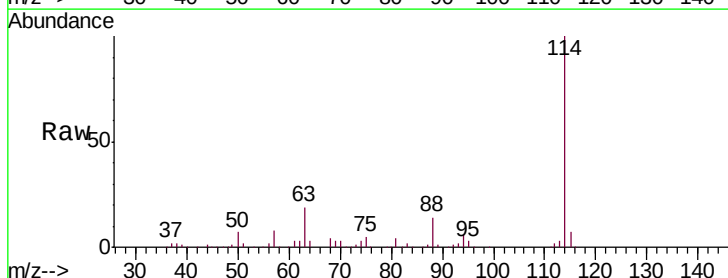
#25
Chloroform
Concen: 1.452 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV010224.D
Acq: 10 Apr 2019 21:50

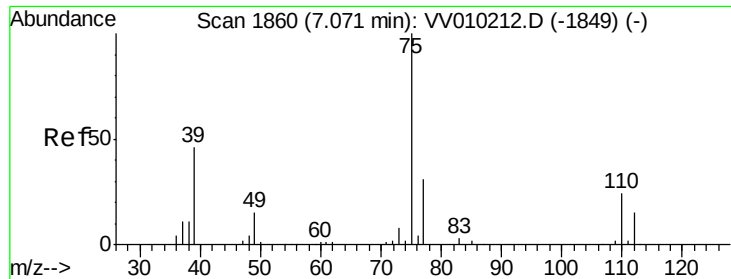
Tgt Ion: 83 Resp: 8255
Ion Ratio Lower Upper
83 100
85 76.6 45.4 84.2



#35
Trichloroethene
Concen: 2.083 ug/L
RT: 5.66 min Scan# 1421
Delta R.T. -0.30 min
Lab File: VV010224.D
Acq: 10 Apr 2019 21:50

Tgt Ion: 95 Resp: 6991
Ion Ratio Lower Upper
95 100
97 0.0 44.3 82.3#
132 0.0 71.3 132.3#
130 0.0 73.4 136.4#





#42

cis-1,3-Dichloropropene

Concen: 0.617 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.04 min

Lab File: VV010224.D

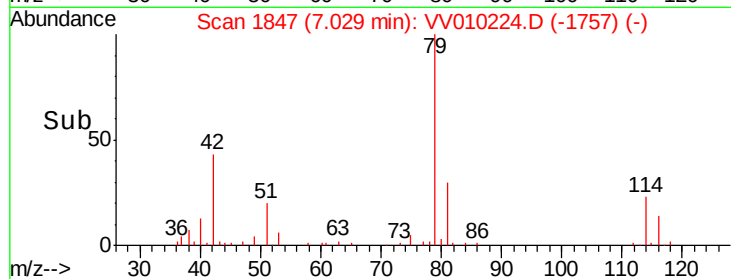
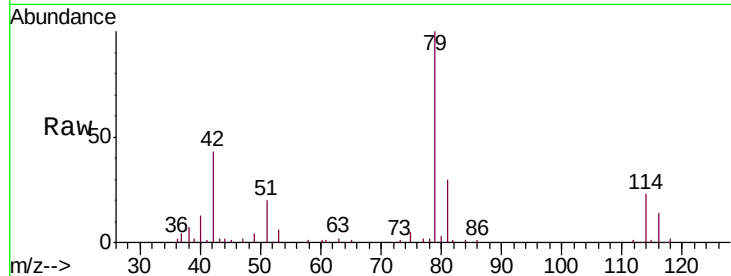
Acq: 10 Apr 2019 21:50

Tgt Ion: 75 Resp: 2657

Ion Ratio Lower Upper

75 100

77 42.3 21.9 40.7#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

