

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083018\
 Data File : VU026464.D
 Acq On : 30 Aug 2018 22:22
 Operator : MD/SY
 Sample : J4691-02DL 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 31 05:44:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 31 05:38:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	146873	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	136878	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	59042	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	39965	43.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.84%
7) Chloroethane-d5	1.67	69	37413	45.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.04%
11) 1,1-Dichloroethene-d2	2.27	63	55487	27.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.16%#
21) 2-Butanone-d5	4.18	46	66980	94.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.83%
24) Chloroform-d	4.65	84	75385	43.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.72%
26) 1,2-Dichloroethane-d4	5.31	65	53211	46.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.00%
32) Benzene-d6	5.34	84	148039	46.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.84%
36) 1,2-Dichloropropane-d6	6.33	67	52913	48.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.64%
41) Toluene-d8	7.57	98	133094	43.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	7.85	79	21297	43.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.06%
47) 2-Hexanone-d5	8.31	63	49801	100.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.19%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	73357	45.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.88%
64) 1,2-Dichlorobenzene-d4	11.86	152	52707	49.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

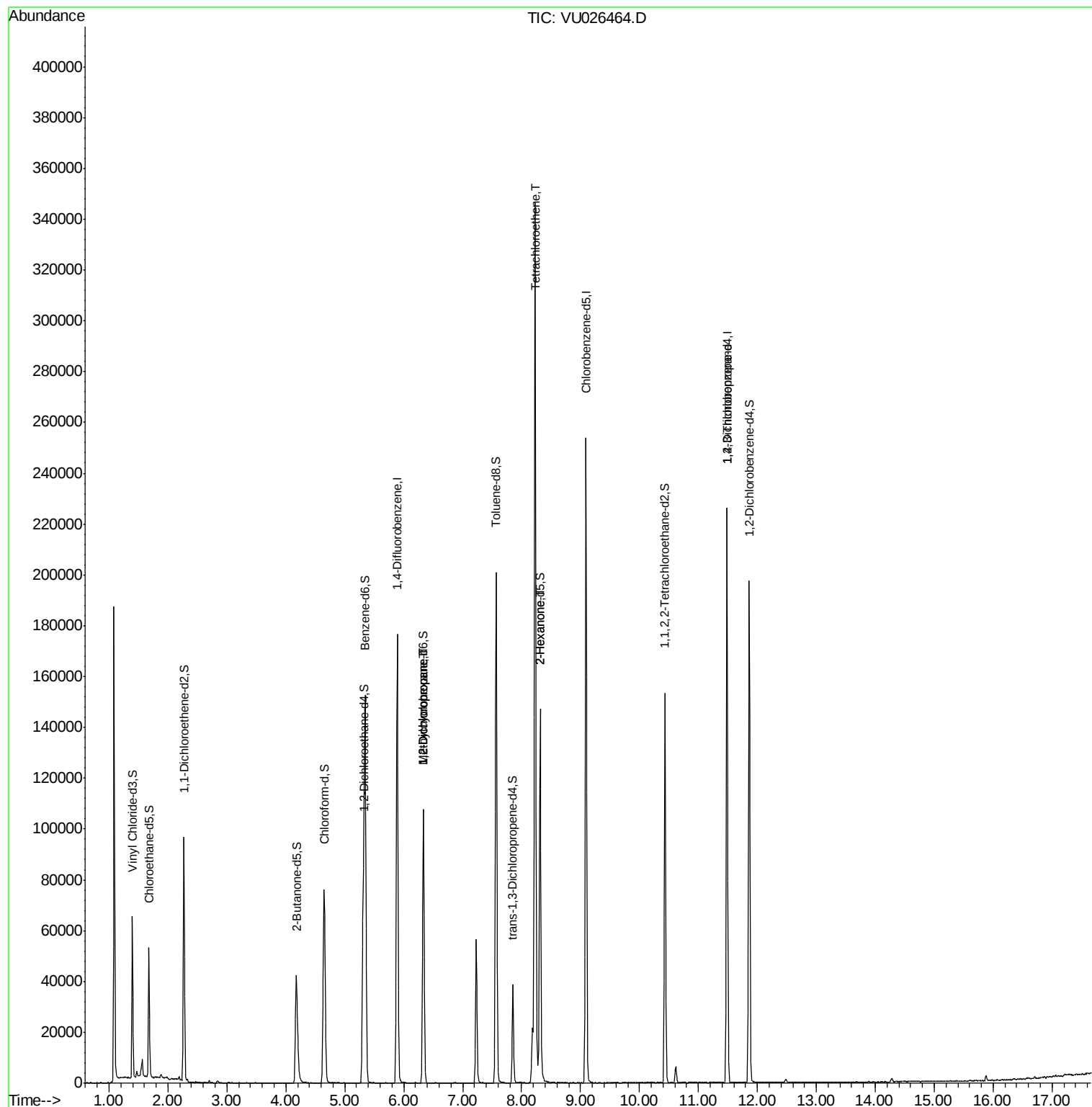
					Ovalue
35) Methylcyclohexane	6.33	83	11969	7.788	ug/L # 18
37) 1,2-Dichloropropane	6.33	63	5634	5.186	ug/L # 88
46) Tetrachloroethene	8.23	164	75137	93.368	ug/L # 98
48) 2-Hexanone	8.31	43	5916	5.127	ug/L # 68
59) 1,2,3-Trichloropropane	11.48	75	6887	5.081	ug/L # 87

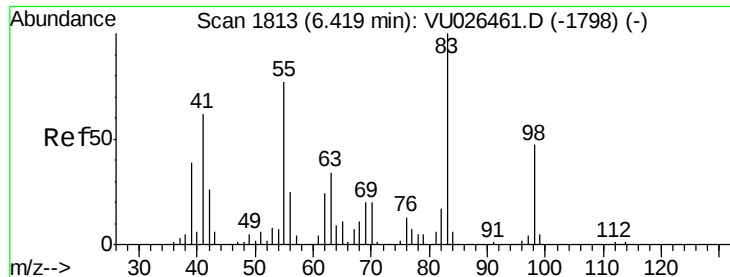
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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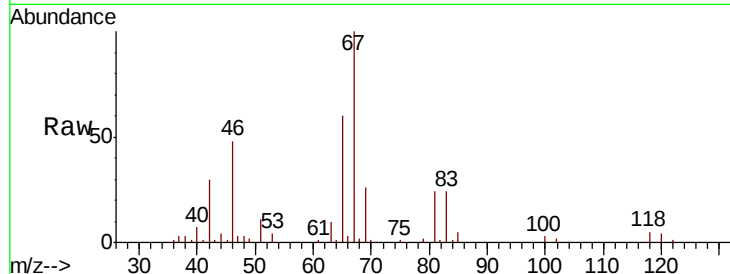




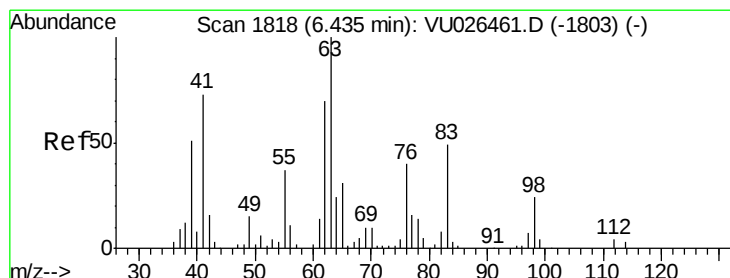
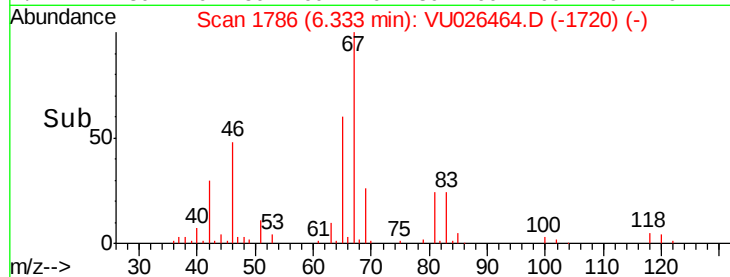
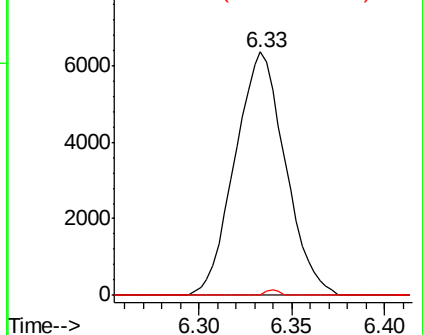
#35
Methvlcvclohexane
Concen: 7.788 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.09 min
Lab File: VU026464.D
Acq: 30 Aug 2018 22:22

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 11969
Ion Ratio Lower Upper
83 100
55 0.0 63.3 94.9#
98 0.6 36.7 55.1#

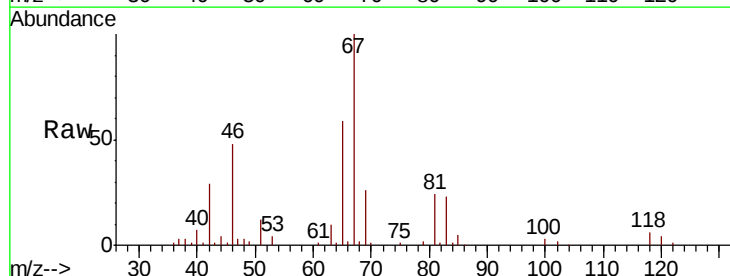


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

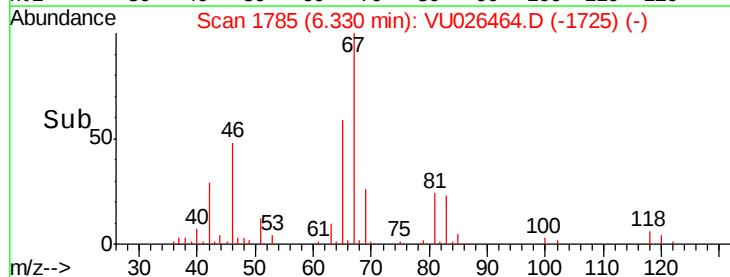
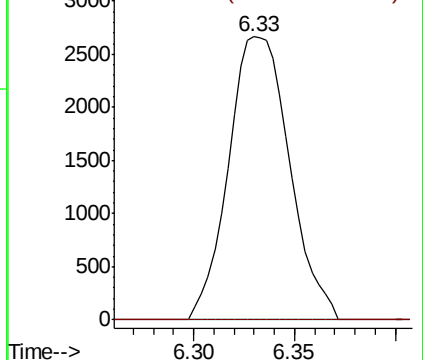


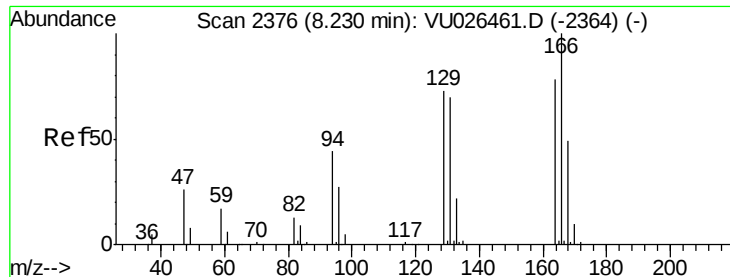
#37
1,2-Dichloropropane
Concen: 5.186 ug/L
RT: 6.33 min Scan# 1785
Delta R.T. -0.11 min
Lab File: VU026464.D
Acq: 30 Aug 2018 22:22

Tgt Ion: 63 Resp: 5634
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V

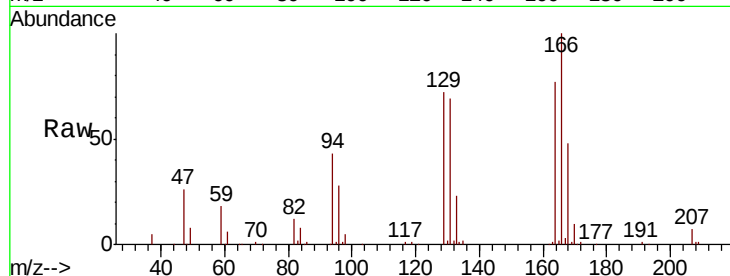




#46
Tetrachloroethene
Concen: 93.368 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU026464.D
Acq: 30 Aug 2018 22:22

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
129	93.6	67.3	125.1
131	90.1	65.3	121.3
166	129.6	90.9	168.7



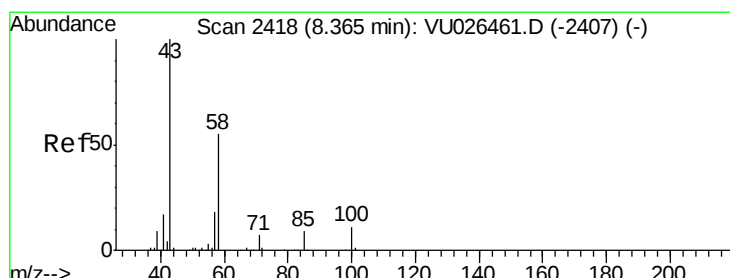
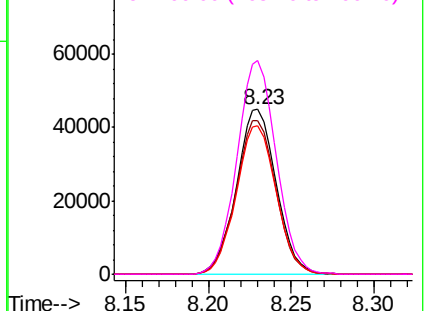
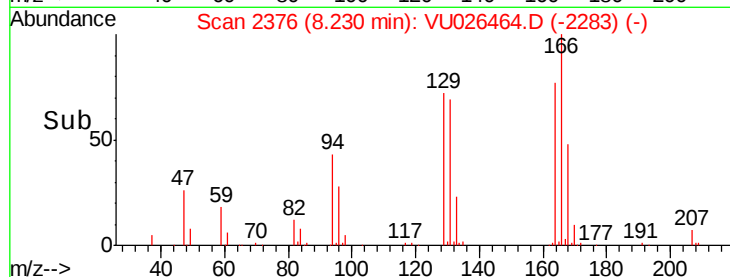
Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

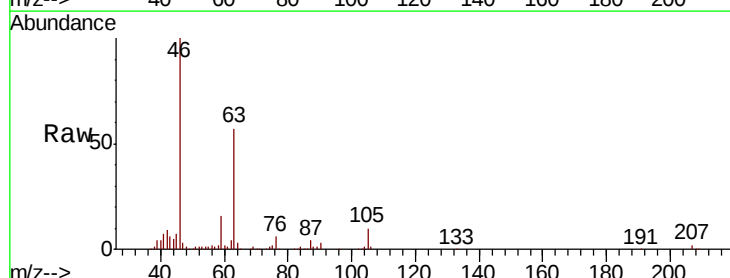
Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48
2-Hexanone
Concen: 5.127 ug/L
RT: 8.31 min Scan# 2402
Delta R.T. -0.05 min
Lab File: VU026464.D
Acq: 30 Aug 2018 22:22

Tgt Ion	Ratio	Lower	Upper
43	100		
58	25.9	42.2	63.4#
57	24.8	14.6	21.8#
100	0.0	8.3	12.5#



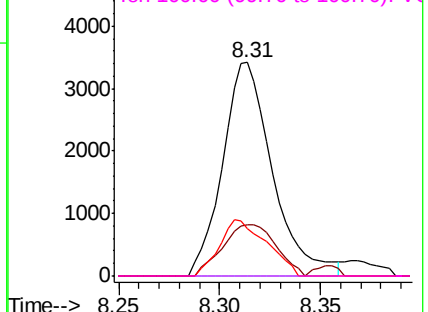
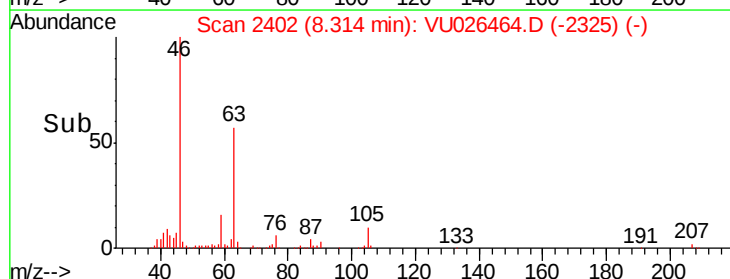
Abundance

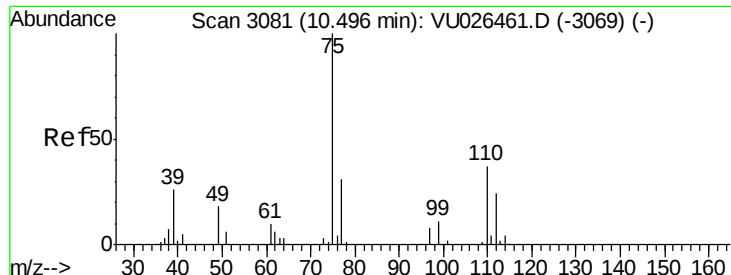
Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#59

1,2,3-Trichloropropane

Concen: 5.081 ug/L

RT: 11.48 min Scan# 3388

Delta R.T. 0.99 min

Lab File: VU026464.D

Acq: 30 Aug 2018 22:22

Instrument :

MSVOA_U

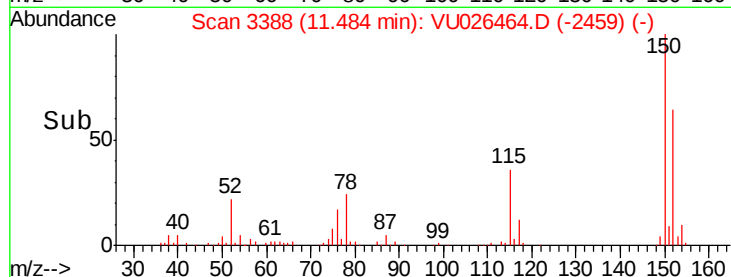
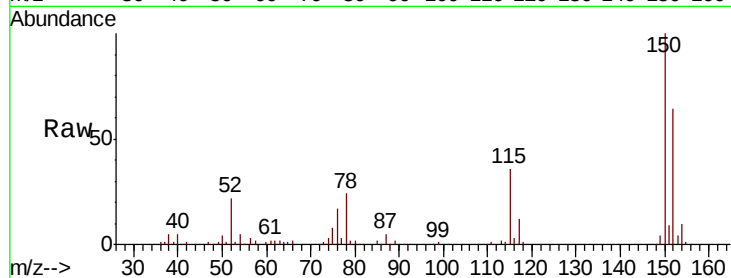
ClientSampleId :

Tot Ion: 75 Resp: 6887

Ion Ratio Lower Upper

75 100

77 38.4 25.0 37.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

