

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090320\
 Data File : VW016446.D
 Acq On : 03 Sep 2020 15:20
 Operator : SY/VA
 Sample : L3905-02
 Misc : 4.48G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 04 05:35:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 04 04:59:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	810666	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	645599	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	260761	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	264917	30.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	123.20%
7) Chloroethane-d5	2.90	69	215227	27.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.48%
10) 1,1-Dichloroethene-d2	4.03	63	383622	19.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.60%
20) 2-Butanone-d5	7.08	46	118931	38.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.44%
24) Chloroform-d	7.65	84	462959	24.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.52%
26) 1,2-Dichloroethane-d4	8.22	65	106	0.01	ug/L	-0.09
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.28	84	955253	29.11	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.44%
33) 1,2-Dichloropropane-d6	9.27	67	273743	28.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.56%
37) Toluene-d8	10.33	98	890190	28.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	114.16%
38) trans-1,3-Dichloropropene-	10.58	79	126569	26.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.08%
39) 2-Hexanone-d5	10.93	63	100272	50.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	207585	25.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	236706	26.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.08%

Target Compounds

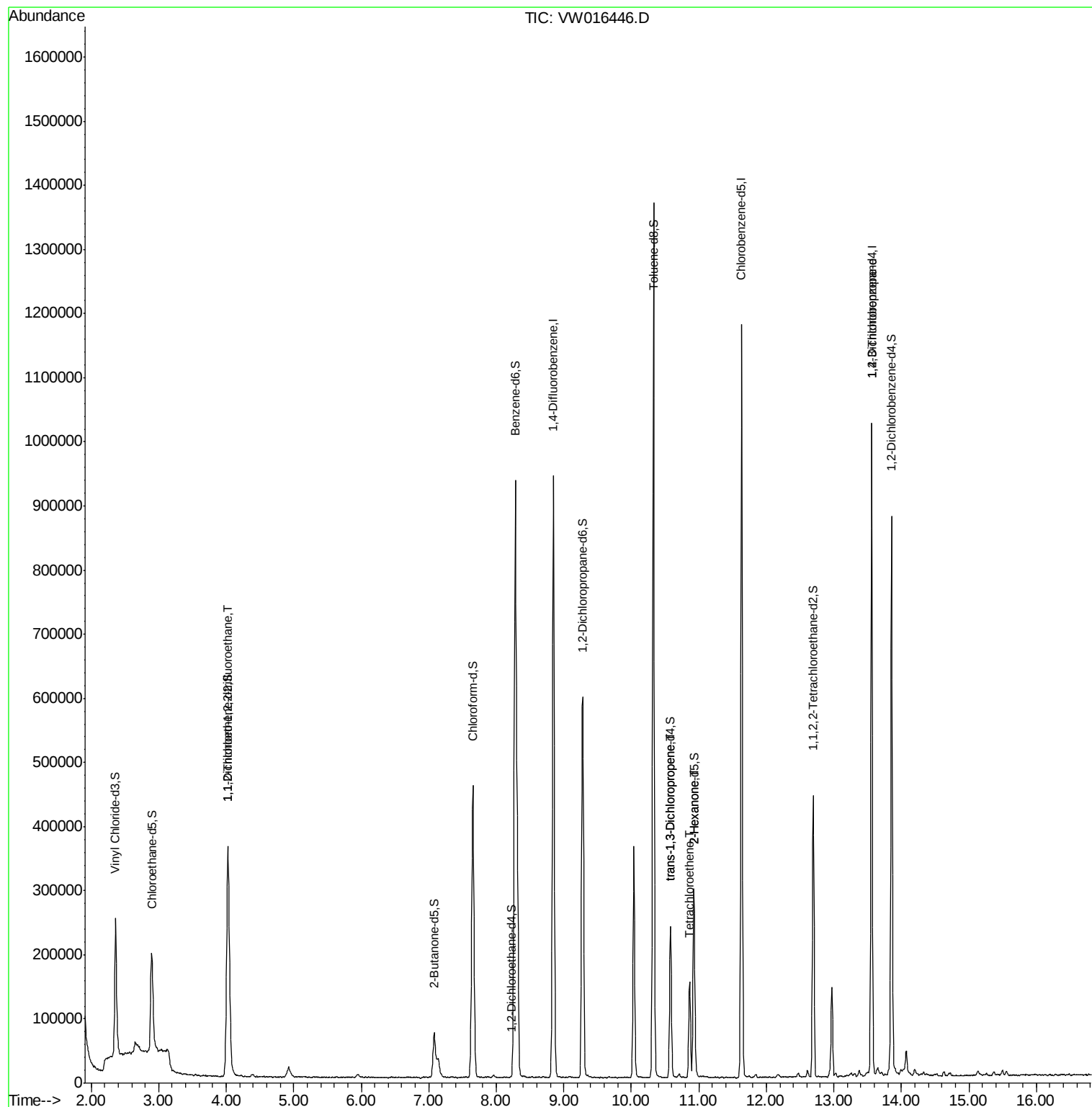
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	4356	0.443 ug/L #	20
45) trans-1,3-Dichloropropene	10.58	75	6757	0.510 ug/L	86
47) Tetrachloroethene	10.87	164	34450	4.393 ug/L	92
49) 2-Hexanone	10.93	43	18998	4.414 ug/L #	60
59) 1,2,3-Trichloropropane	13.56	75	31862	5.170 ug/L	90

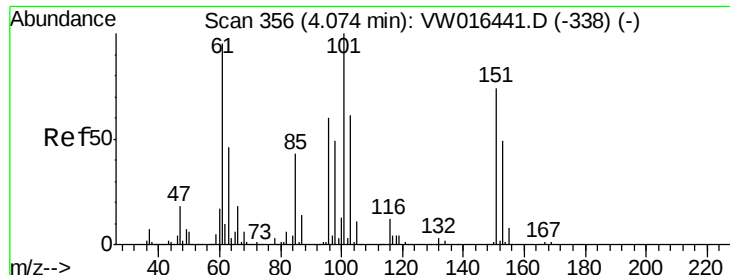
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Sep 04 04:59:18 2020
Response via : Initial Calibration





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.443 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.05 min

Lab File: VW016446.D

Acq: 03 Sep 2020 15:20

Instrument :

MSVOA_W

ClientSampled :

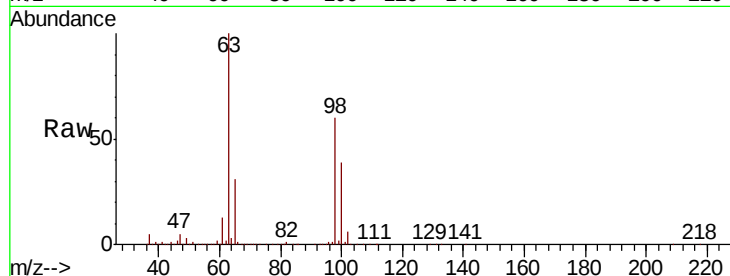
Tot Ion:101 Resp: 4356

Ion Ratio Lower Upper

101 100

85 2.5 33.4 50.0#

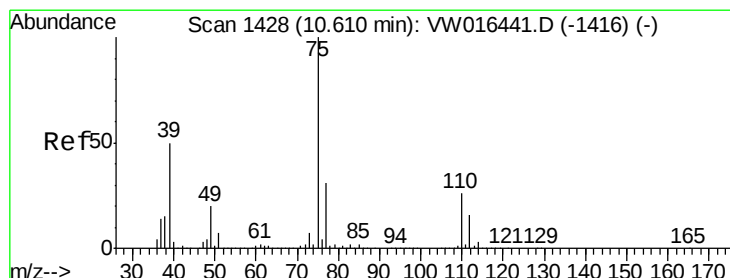
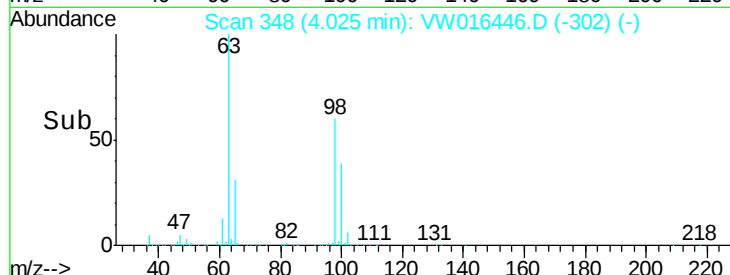
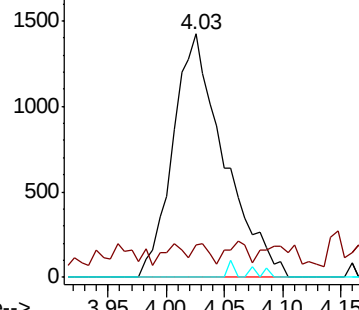
151 0.0 61.6 92.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#45

trans-1,3-Dichloropropene

Concen: 0.510 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016446.D

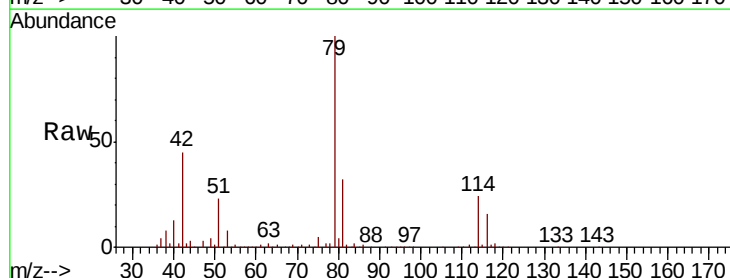
Acq: 03 Sep 2020 15:20

Tgt Ion: 75 Resp: 6757

Ion Ratio Lower Upper

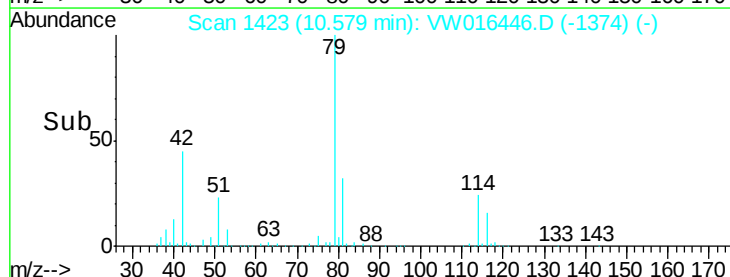
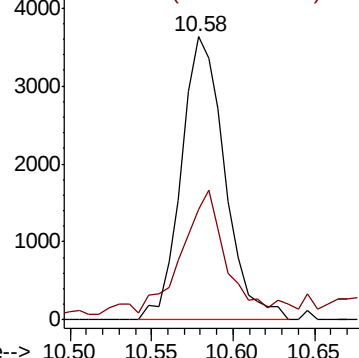
75 100

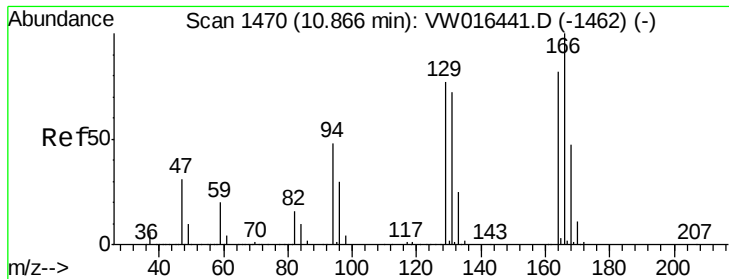
77 39.1 21.9 40.7



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

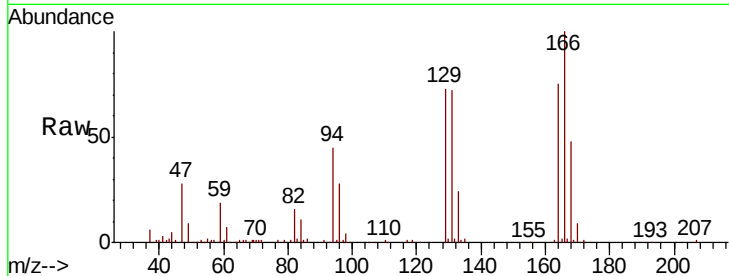




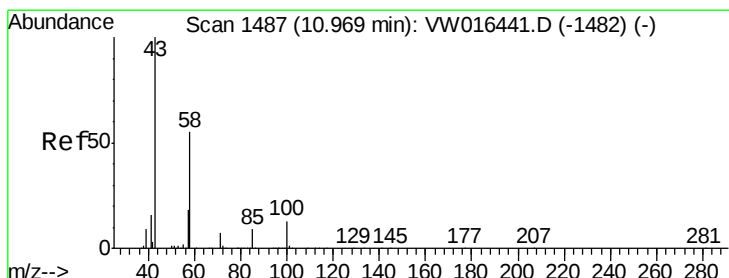
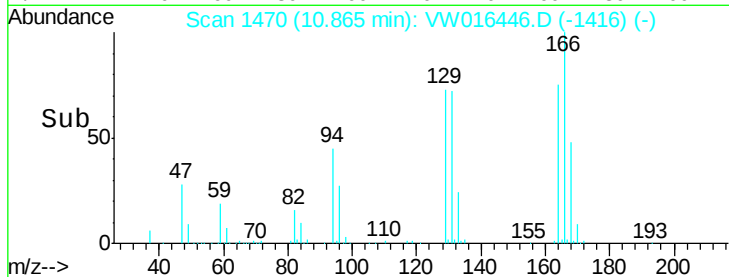
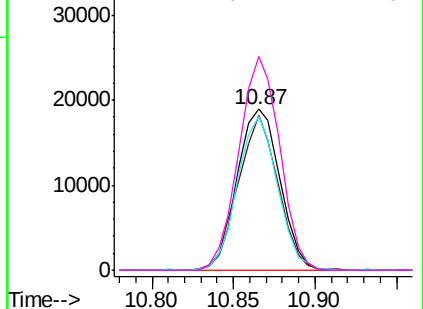
#47
Tetrachloroethene
Concen: 4.393 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW016446.D
Acq: 03 Sep 2020 15:20

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:164 Resp: 34450
Ion Ratio Lower Upper
164 100
129 96.6 65.7 121.9
131 95.6 61.1 113.5
166 132.8 85.0 157.8

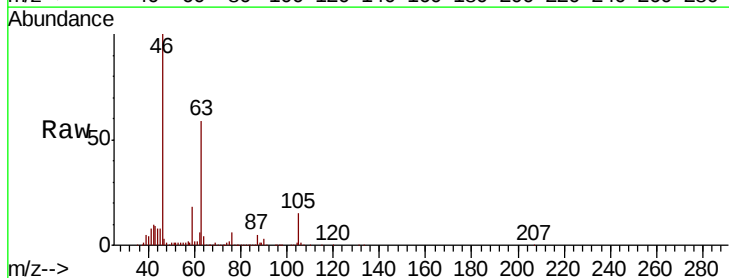


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

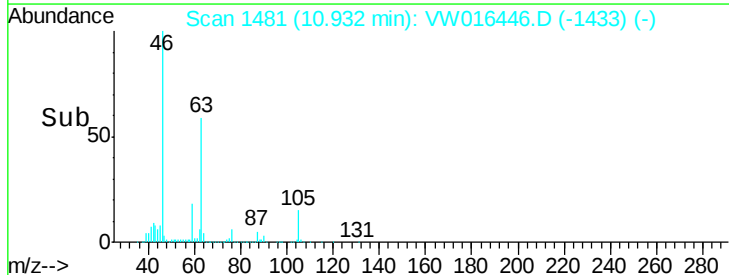
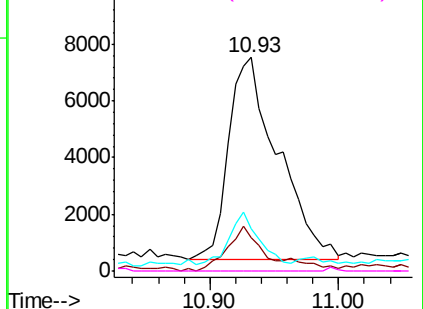


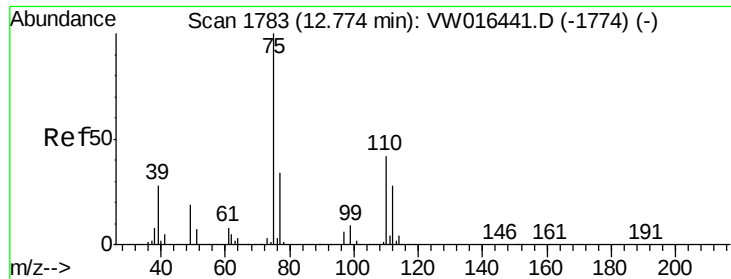
#49
2-Hexanone
Concen: 4.414 ug/L
RT: 10.93 min Scan# 1481
Delta R.T. -0.04 min
Lab File: VW016446.D
Acq: 03 Sep 2020 15:20

Tgt Ion: 43 Resp: 18998
Ion Ratio Lower Upper
43 100
58 14.8 42.1 63.1#
57 16.0 14.9 22.3
100 0.0 10.3 15.5#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW
Ion 57.00 (56.70 to 57.70): VW
Ion 100.00 (99.70 to 100.70): VW





#59

1,2,3-Trichloropropane

Concen: 5.170 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016446.D

Acq: 03 Sep 2020 15:20

Instrument :

MSVOA_W

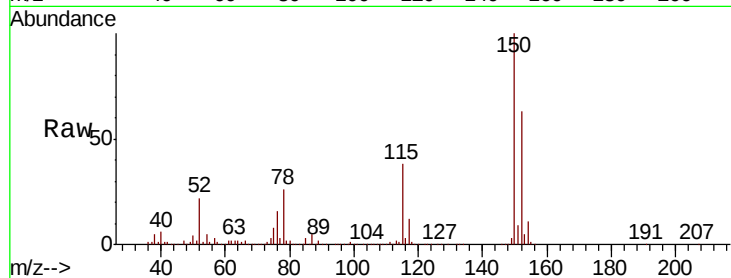
ClientSampleId :

Tot Ion: 75 Resp: 31862

Ion Ratio Lower Upper

75 100

77 38.2 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

