

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121119\
 Data File : VV014005.D
 Acq On : 11 Dec 2019 11:56
 Operator : SY/MD
 Sample : VV1211WBL01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 12 03:03:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 12 03:01:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	644472	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	593649	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	260227	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	195847	52.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.08%
7) Chloroethane-d5	1.57	69	208050	53.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.96%
11) 1,1-Dichloroethene-d2	2.01	63	248	0.03	ug/L	-0.12
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.06%#
21) 2-Butanone-d5	3.92	46	223053	85.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.02%
24) Chloroform-d	4.39	84	368748	47.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.22%
26) 1,2-Dichloroethane-d4	5.07	65	231028	46.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.16%
32) Benzene-d6	5.09	84	753220	48.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.92%
36) 1,2-Dichloropropane-d6	6.11	67	232009	50.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.50%
41) Toluene-d8	7.35	98	621878	44.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.68%
43) trans-1,3-Dichloropropene-	7.66	79	93615	41.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.32%
47) 2-Hexanone-d5	8.13	63	122973	71.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	71.32%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	270186	40.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.82%
64) 1,2-Dichlorobenzene-d4	11.67	152	262918	51.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.88%

Target Compounds

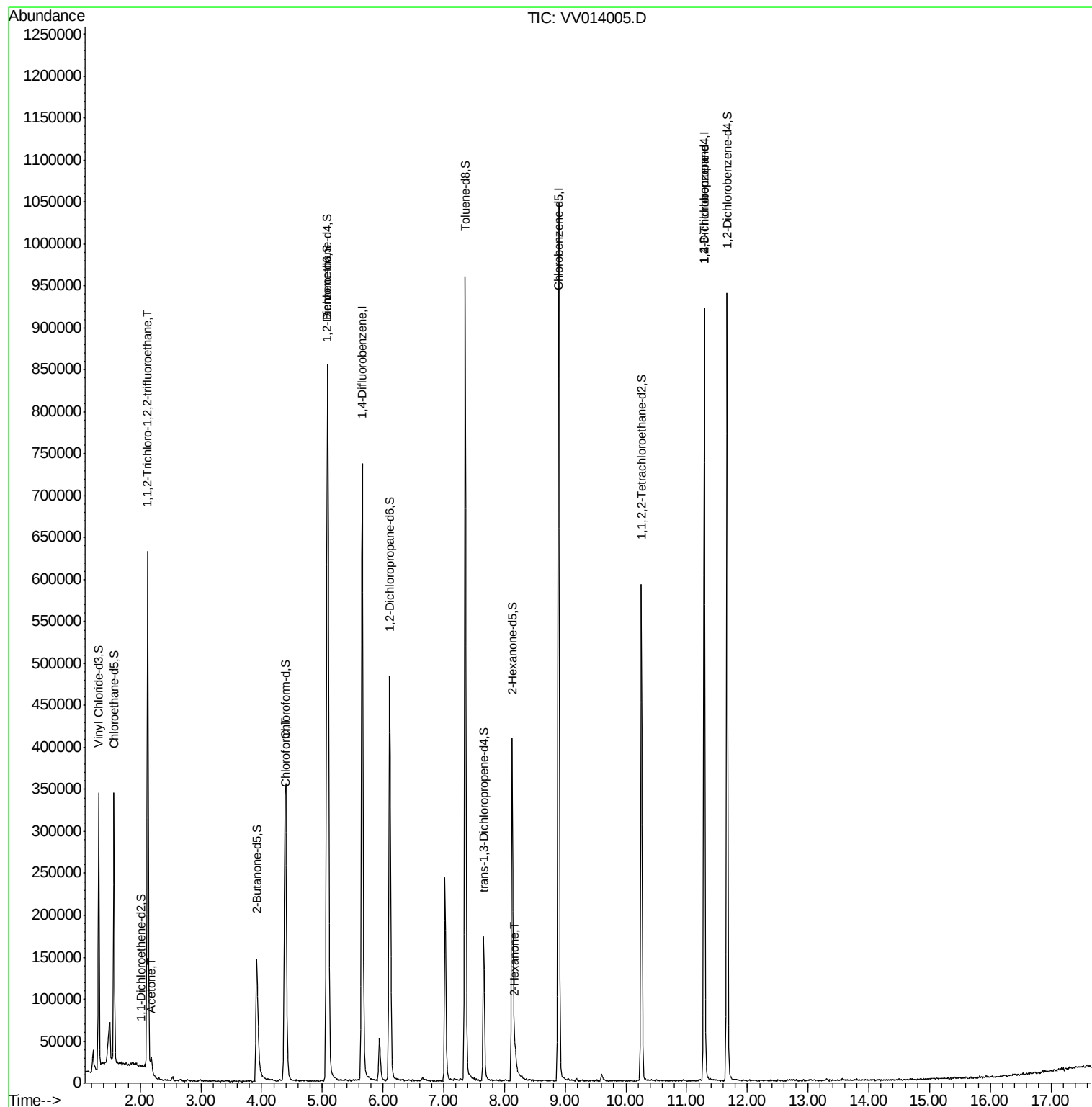
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3758	0.775 ug/L #	21
13) Acetone	2.18	43	9666	2.514 ug/L	98
25) Chloroform	4.41	83	6367	0.722 ug/L	84
48) 2-Hexanone	8.18	43	12190	2.739 ug/L #	88
59) 1,2,3-Trichloropropane	11.29	75	24283	4.194 ug/L	91

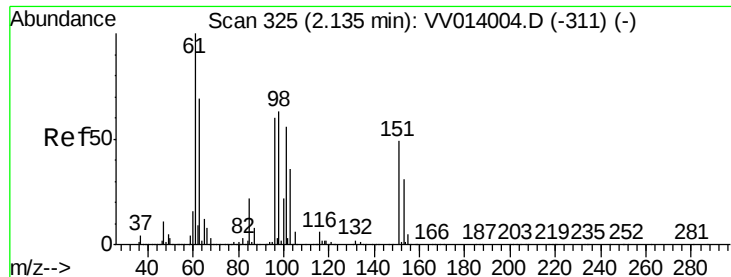
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

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Quant Title : VOC Analysis
QLast Update : Thu Dec 12 03:01:11 2019
Response via : Initial Calibration





#10

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

Concen: 0.775 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV014005.D

Acq: 11 Dec 2019 11:56

Instrument :

MSVOA_V

ClientSampleId :

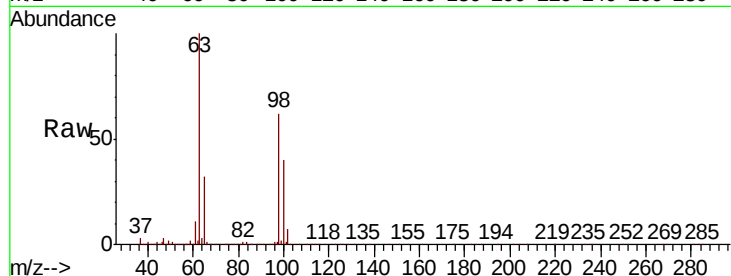
Tot Ion:101 Resp: 3758

Ion Ratio Lower Upper

101 100

85 1.3 32.5 48.7#

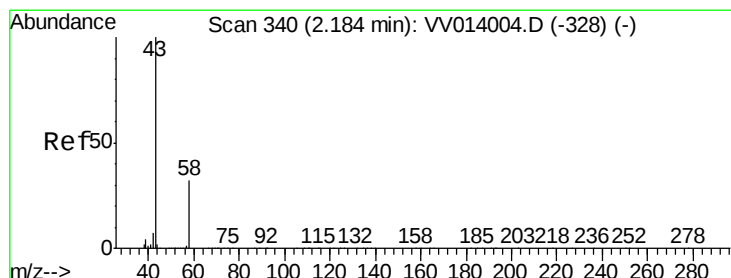
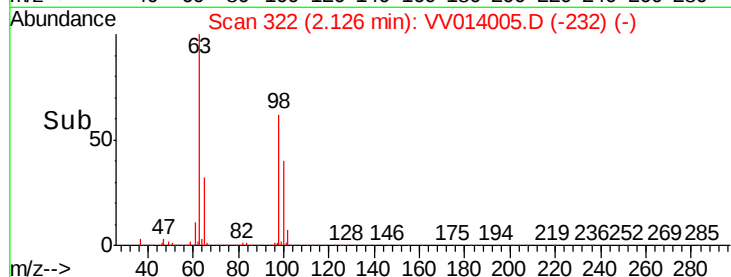
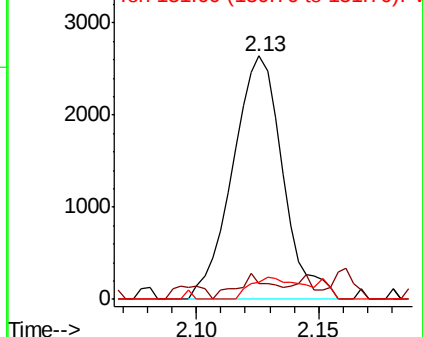
151 6.7 69.8 104.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 2.514 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VV014005.D

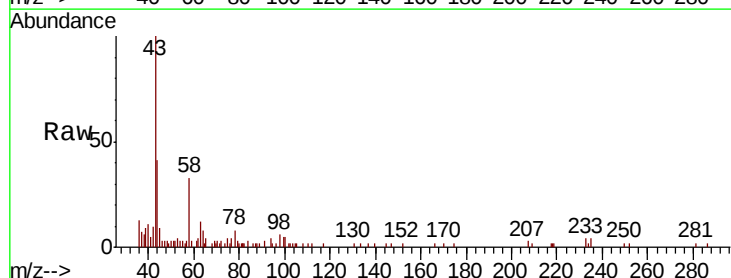
Acq: 11 Dec 2019 11:56

Tgt Ion: 43 Resp: 9666

Ion Ratio Lower Upper

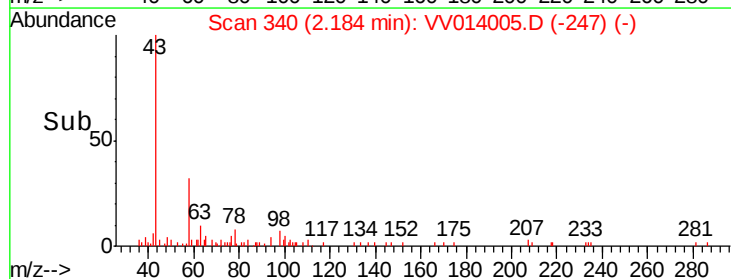
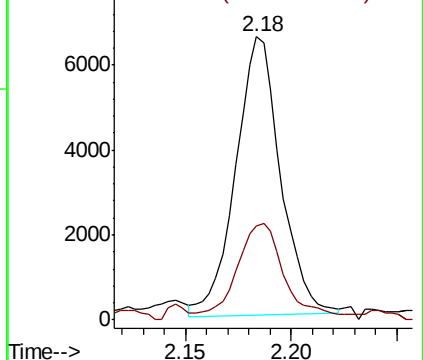
43 100

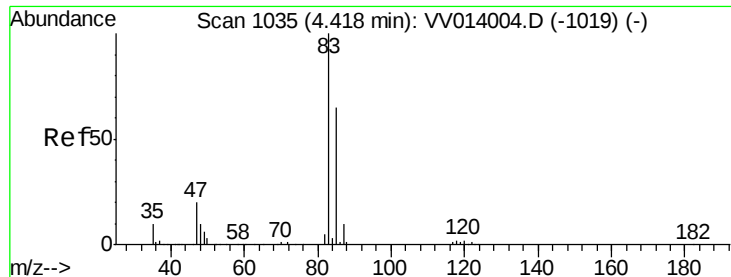
58 31.7 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

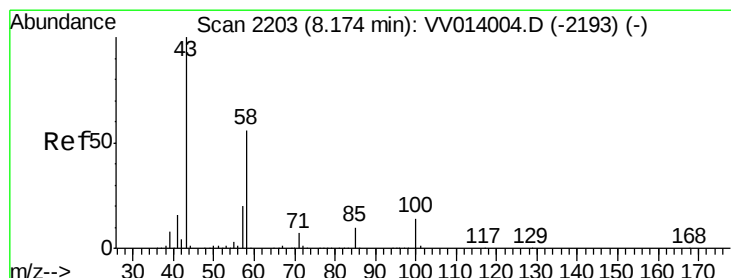
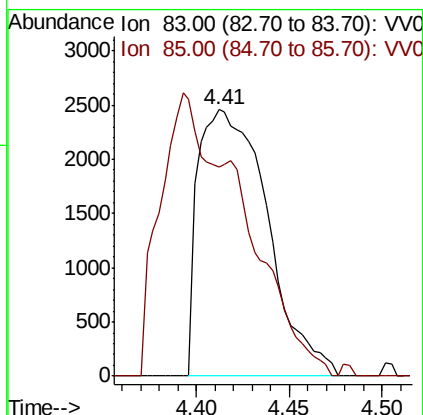
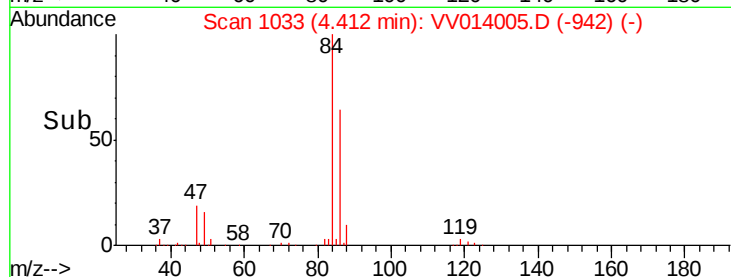
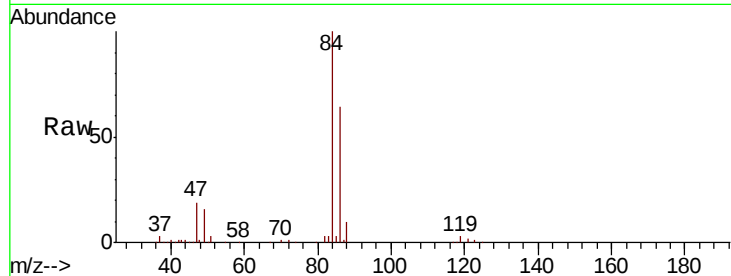




#25
Chloroform
Concen: 0.722 ug/L
RT: 4.41 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VV014005.D
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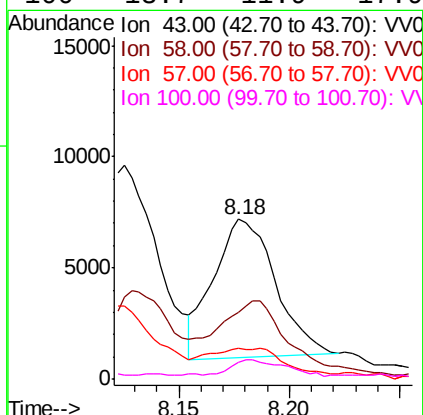
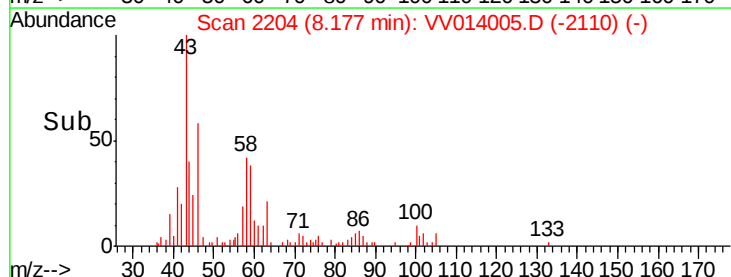
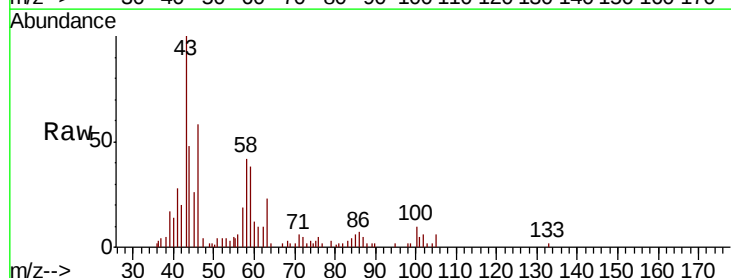
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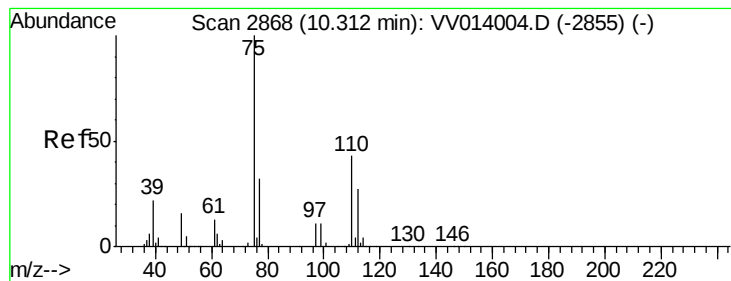
Tot Ion: 83 Resp: 6367
Ion Ratio Lower Upper
83 100
85 78.3 45.7 84.9



#48
2-Hexanone
Concen: 2.739 ug/L
RT: 8.18 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VV014005.D
Acq: 11 Dec 2019 11:56

Tgt Ion: 43 Resp: 12190
Ion Ratio Lower Upper
43 100
58 62.7 48.4 72.6
57 0.0 16.6 24.8#
100 13.7 11.9 17.9





#59

1,2,3-Trichloropropane

Concen: 4.194 ug/L

RT: 11.29 min Scan# 3171

Delta R.T. 0.97 min

Lab File: VV014005.D

Acq: 11 Dec 2019 11:56

Instrument :

MSVOA_V

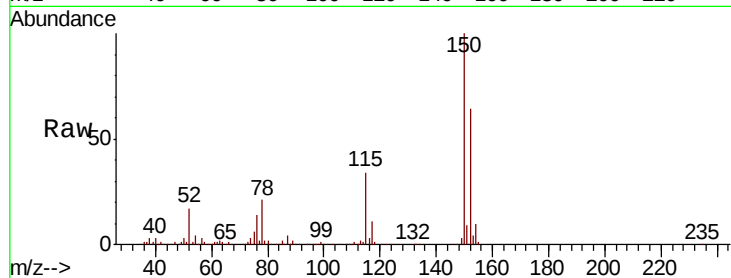
ClientSampleId :

Tot Ion: 75 Resp: 24283

Ion Ratio Lower Upper

75 100

77 37.2 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

