

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110220\
 Data File : VU041060.D
 Acq On : 02 Nov 2020 19:14
 Operator : SY/MD
 Sample : L4584-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 03 00:50:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 03 00:40:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	52188	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	51815	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	21556	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	20107	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.92	69	15967	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.58	63	28754	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	4.65	46	81509	56.45	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.90%
24) Chloroform-d	5.08	84	36816	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.72	65	24477	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.74	84	68601	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.70	67	23719	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.91	98	55923	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	8.19	79	9442	4.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.60%
46) 2-Hexanone-d5	8.64	63	55865	53.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.10%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	21301	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	21479	5.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.60%

Target Compounds

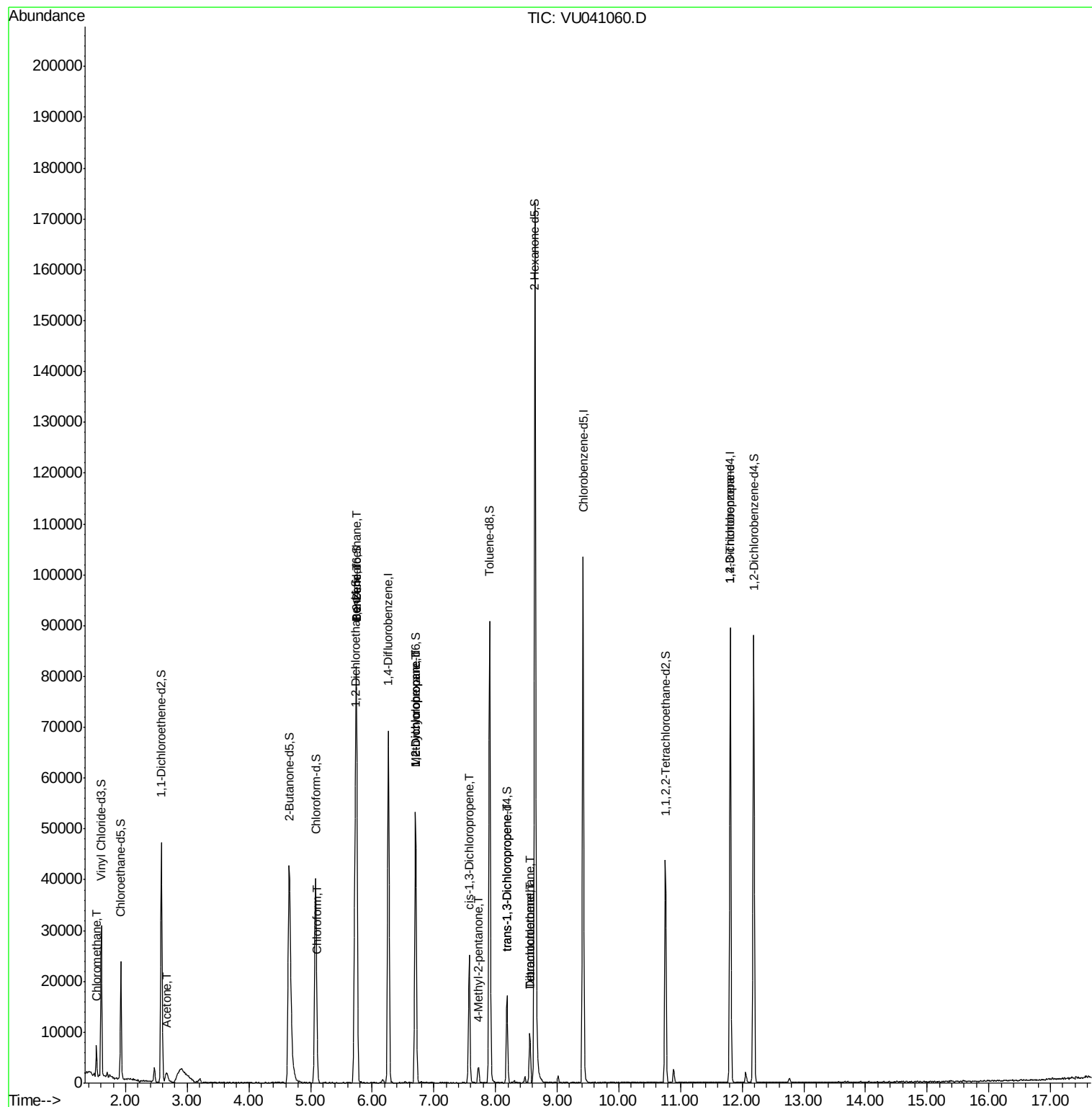
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	4253	0.856	ug/L	96
13) Acetone	2.66	43	2465	2.497	ug/L #	13
25) Chloroform	5.11	83	414	0.055	ug/L	94
27) 1,2-Dichloroethane	5.74	62	350	0.063	ug/L #	74
33) Benzene	5.75	78	438	0.028	ug/L	100
35) Methylcyclohexane	6.70	83	5177	0.881	ug/L #	13
37) 1,2-Dichloropropane	6.70	63	2622	0.626	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	574	0.100	ug/L #	78
40) 4-Methyl-2-pentanone	7.72	43	1793	0.537	ug/L #	45
44) trans-1,3-Dichloropropene	8.19	75	333	0.062	ug/L #	39
47) Tetrachloroethene	8.56	164	1880	0.649	ug/L	95
49) Dibromochloromethane	8.56	129	2146	0.593	ug/L #	11
59) 1,2,3-Trichloropropane	11.81	75	3009	0.964	ug/L	93

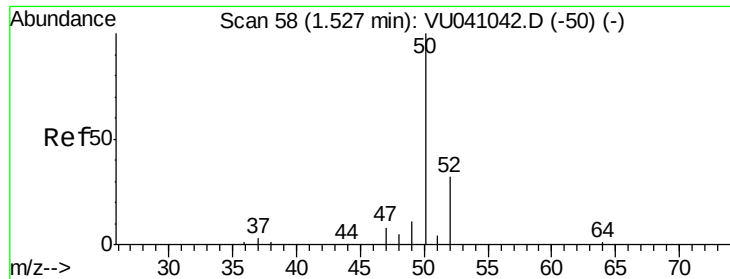
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.856 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU041060.D

Acq: 02 Nov 2020 19:14

Instrument :

MSVOA_U

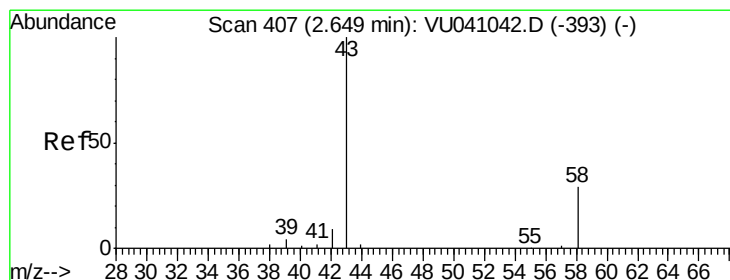
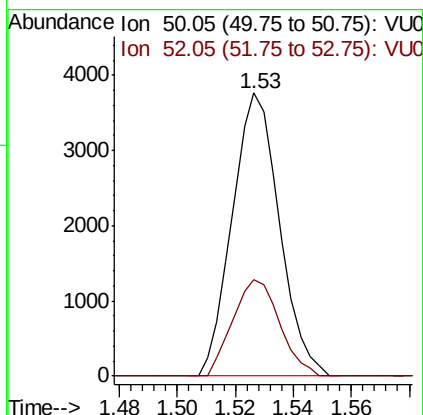
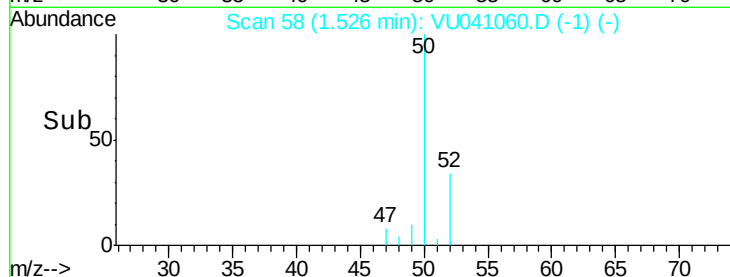
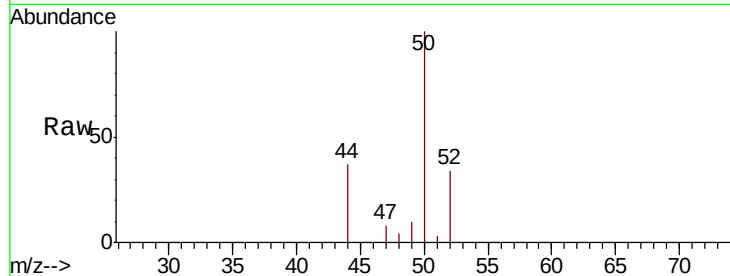
ClientSampleId :

Tot Ion: 50 Resp: 4253

Ion Ratio Lower Upper

50 100

52 34.1 22.4 41.6



#13

Acetone

Concen: 2.497 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.01 min

Lab File: VU041060.D

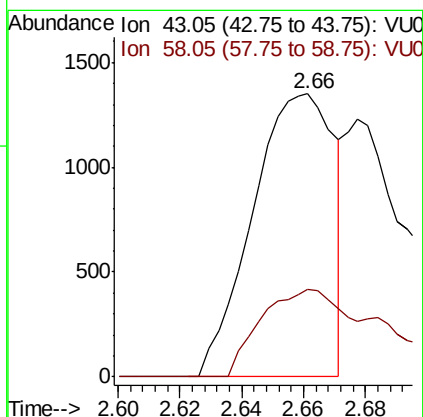
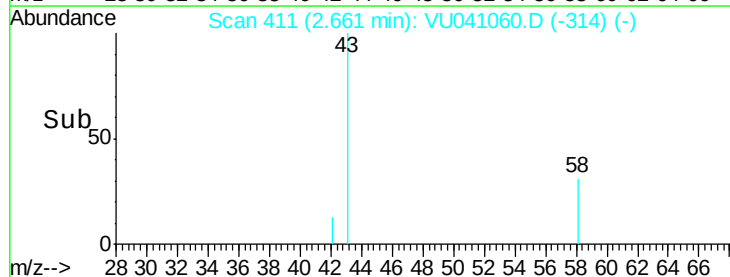
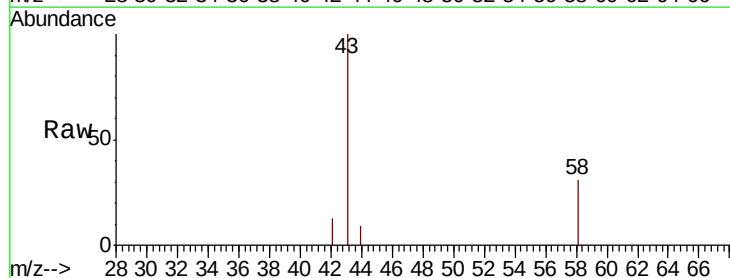
Acq: 02 Nov 2020 19:14

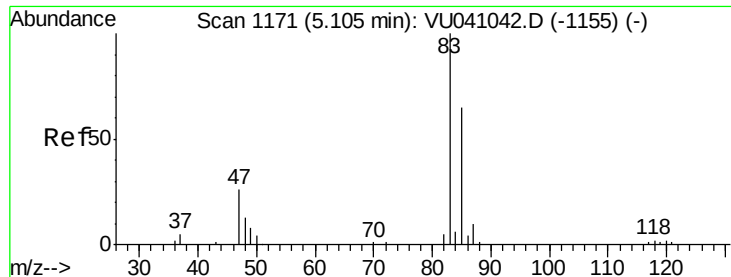
Tgt Ion: 43 Resp: 2465

Ion Ratio Lower Upper

43 100

58 46.9 0.0 25.4#

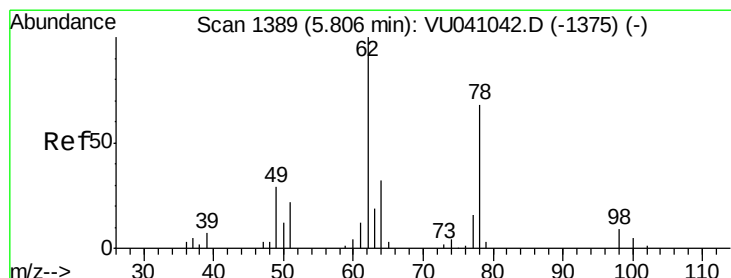
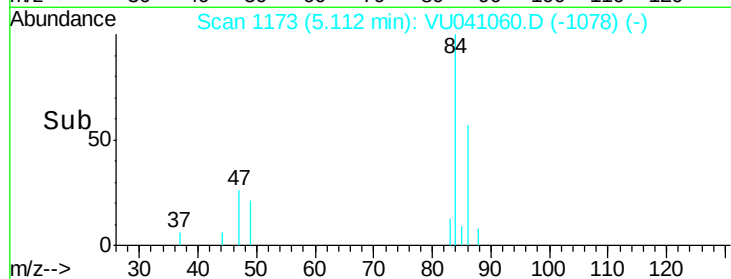
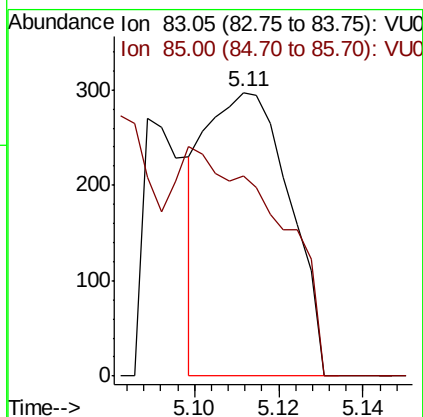
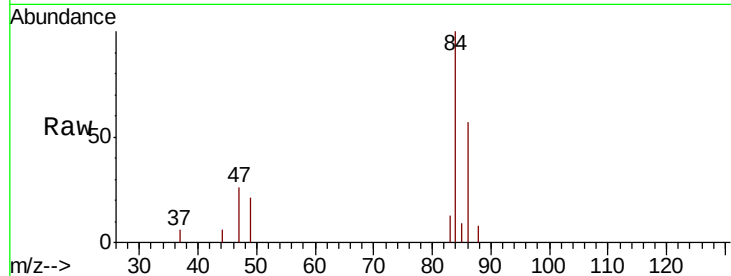




#25
Chloroform
Concen: 0.055 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.01 min
Lab File: VU041060.D
Acq: 02 Nov 2020 19:14

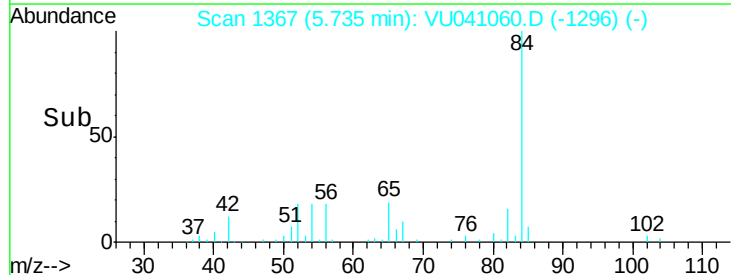
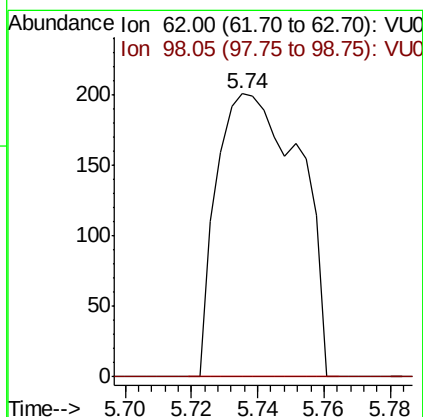
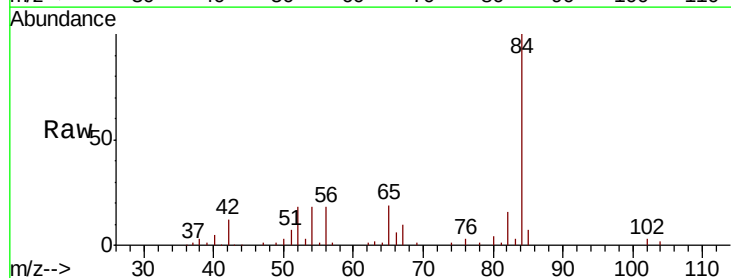
Instrument :
MSVOA_U
ClientSampleId :

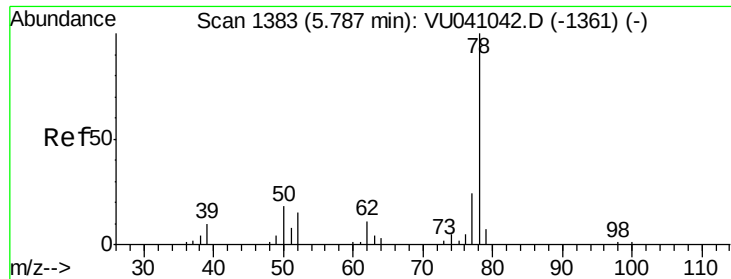
Tot Ion: 83 Resp: 414
Ion Ratio Lower Upper
83 100
85 70.7 46.1 85.7



#27
1,2-Dichloroethane
Concen: 0.063 ug/L
RT: 5.74 min Scan# 1367
Delta R.T. -0.07 min
Lab File: VU041060.D
Acq: 02 Nov 2020 19:14

Tgt Ion: 62 Resp: 350
Ion Ratio Lower Upper
62 100
98 0.0 7.6 11.4#

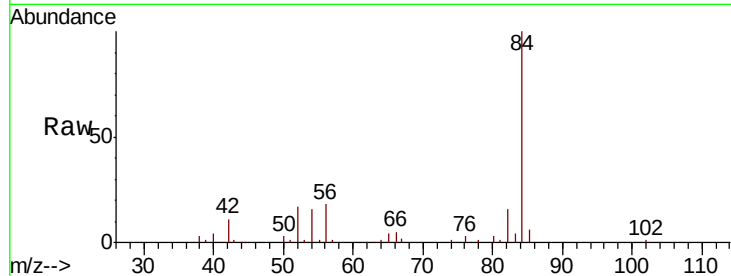




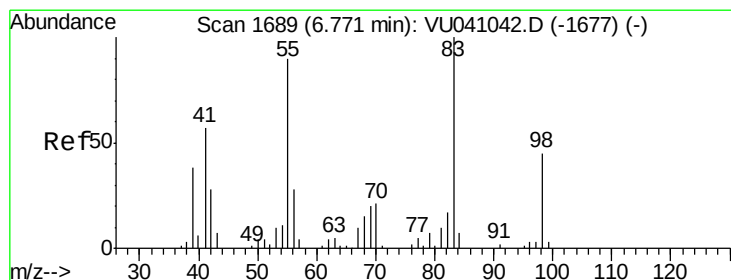
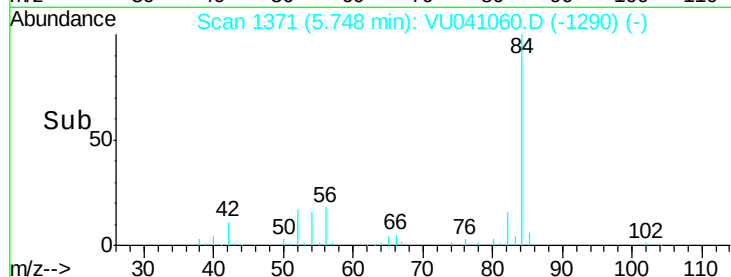
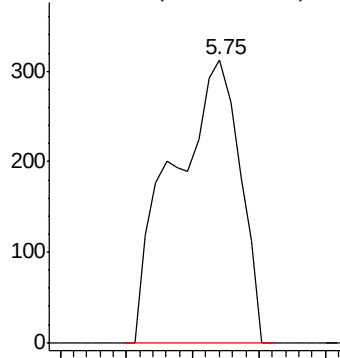
#33
Benzene
Concen: 0.028 ug/L
RT: 5.75 min Scan# 1371
Delta R.T. -0.04 min
Lab File: VU041060.D
Acq: 02 Nov 2020 19:14

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 78 Resp: 438

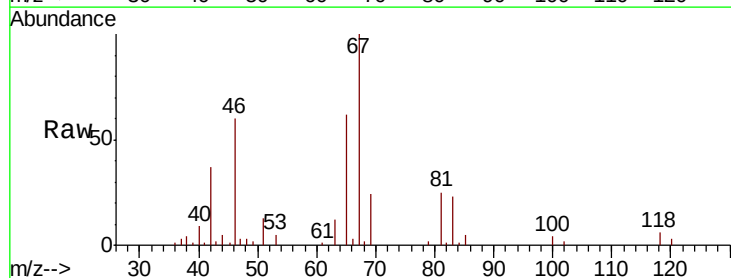


Abundance Ion 78.10 (77.80 to 78.80): VU0



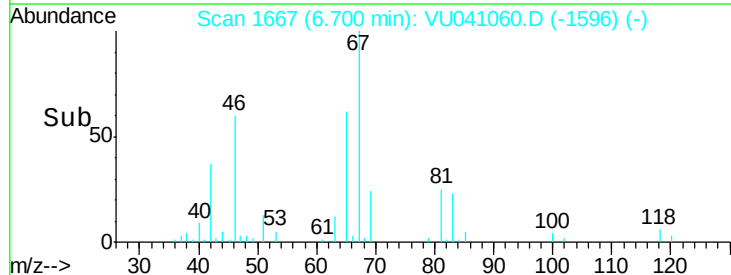
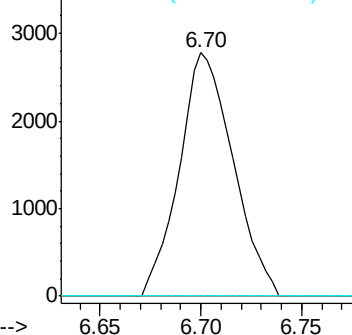
#35
Methylcyclohexane
Concen: 0.881 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041060.D
Acq: 02 Nov 2020 19:14

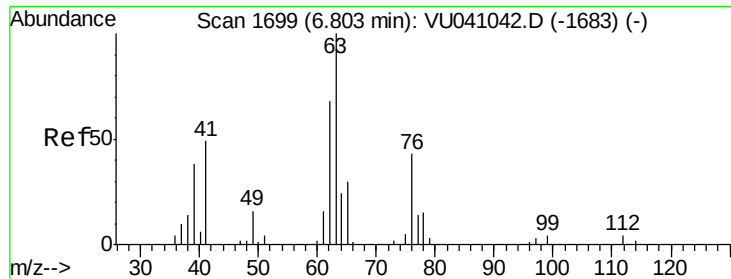
Tgt Ion: 83 Resp: 5177
Ion Ratio Lower Upper
83 100
55 0.0 72.0 108.0#
98 0.0 36.6 55.0#



Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

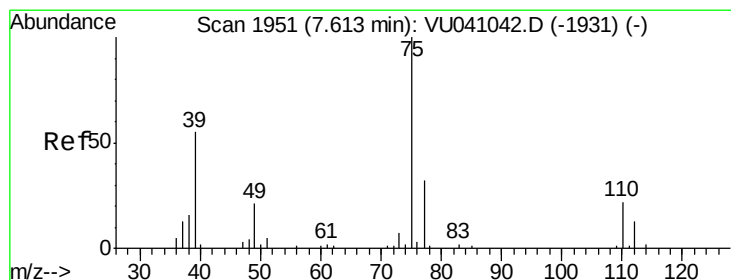
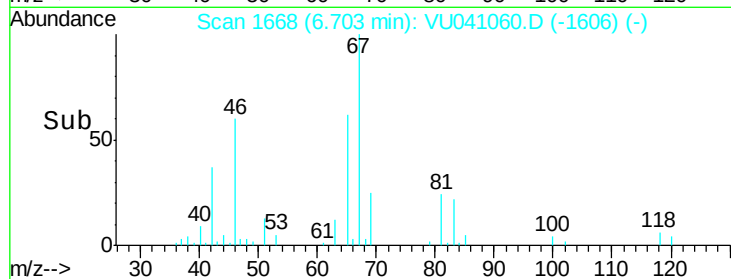
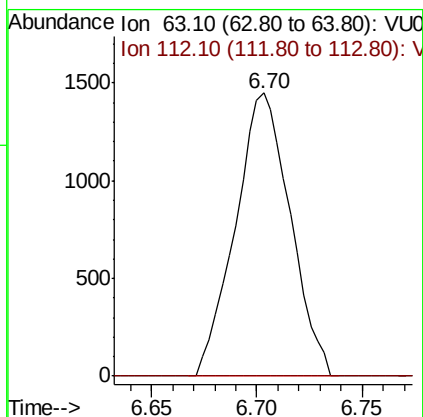
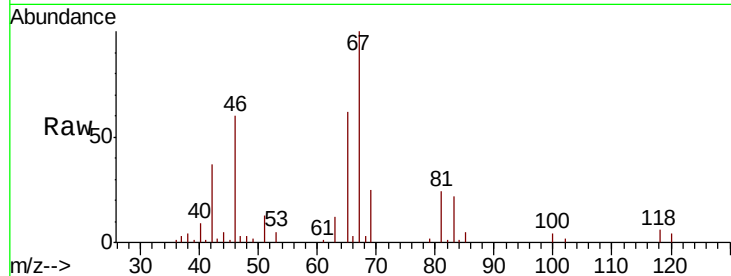




#37
 1,2-Dichloropropane
 Concen: 0.626 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU041060.D
 Acq: 02 Nov 2020 19:14

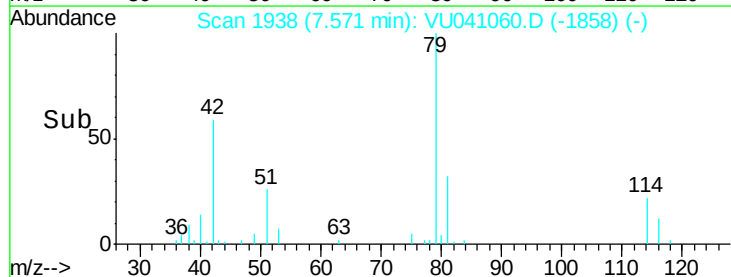
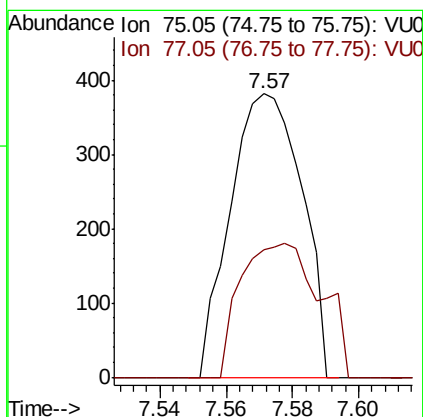
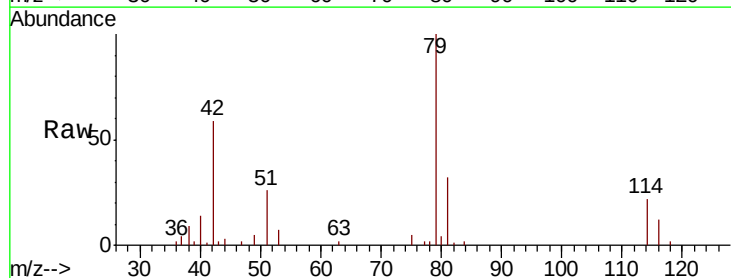
Instrument :
 MSVOA_U
 ClientSampleId :

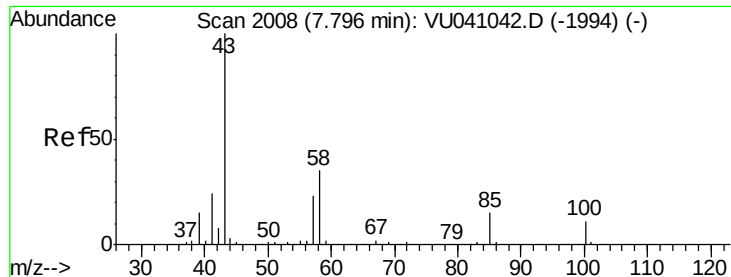
Tot Ion: 63 Resp: 2622
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.100 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU041060.D
 Acq: 02 Nov 2020 19:14

Tgt Ion: 75 Resp: 574
 Ion Ratio Lower Upper
 75 100
 77 44.8 22.7 42.3#

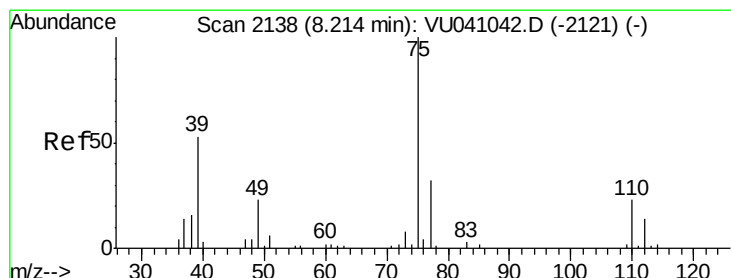
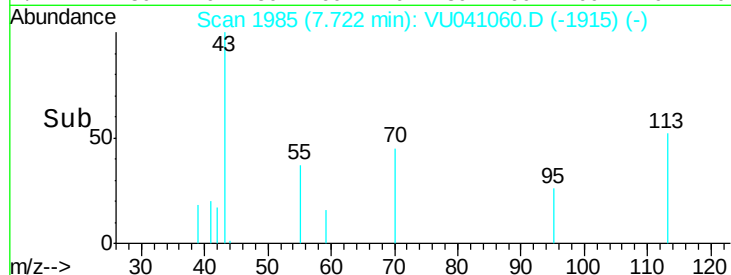
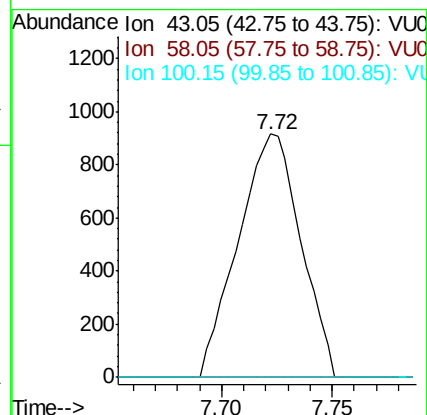
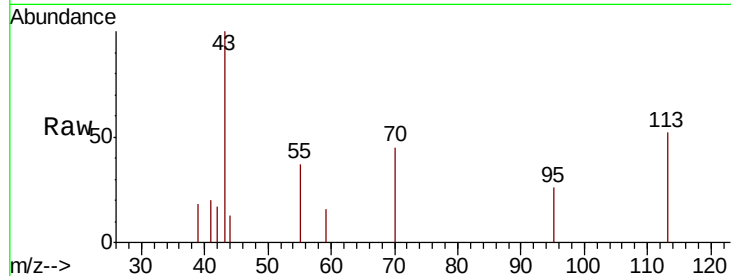




#40
4-Methyl-2-pentanone
Concen: 0.537 ug/L
RT: 7.72 min Scan# 1985
Delta R.T. -0.07 min
Lab File: VU041060.D
Acq: 02 Nov 2020 19:14

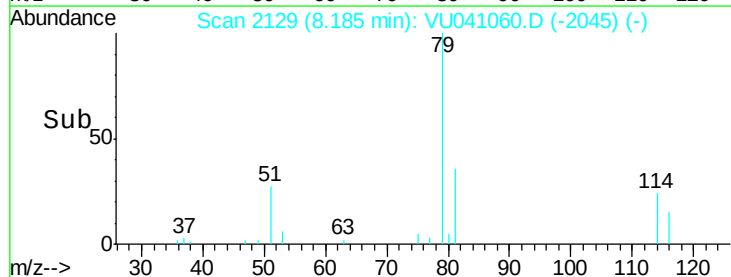
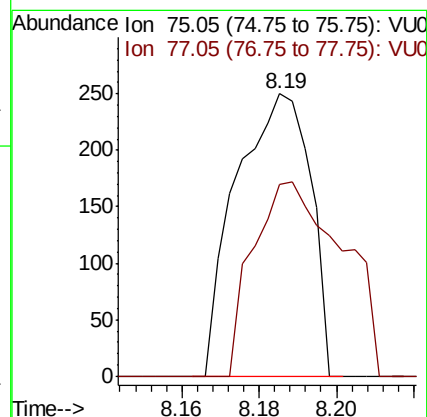
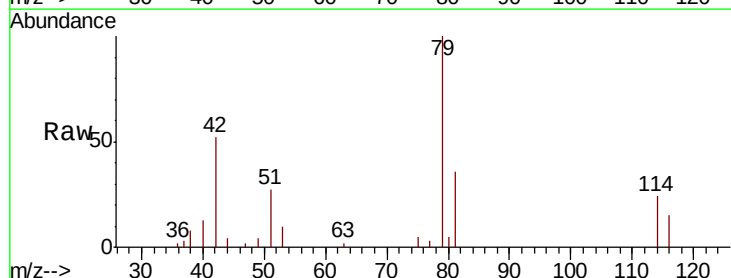
Instrument :
MSVOA_U
ClientSampleId :

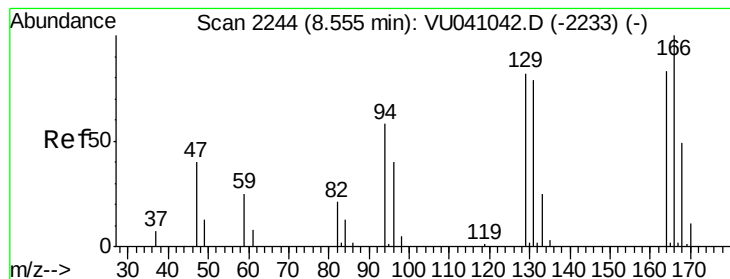
Tot Ion: 43 Resp: 1793
Ion Ratio Lower Upper
43 100
58 0.0 29.8 44.6#
100 0.0 10.5 15.7#



#44
trans-1,3-Dichloropropene
Concen: 0.062 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU041060.D
Acq: 02 Nov 2020 19:14

Tgt Ion: 75 Resp: 333
Ion Ratio Lower Upper
75 100
77 68.0 23.3 43.3#





#47

Tetrachloroethene

Concen: 0.649 ug/L

RT: 8.56 min Scan# 2246

Delta R.T. 0.01 min

Lab File: VU041060.D

Acq: 02 Nov 2020 19:14

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:164 Resp: 1880

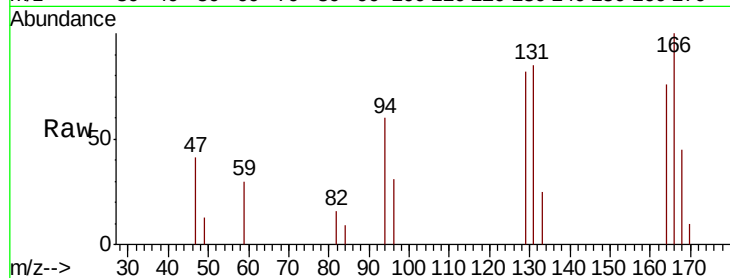
Ion Ratio Lower Upper

164 100

129 107.7 70.3 130.7

131 110.8 70.8 131.4

166 130.9 92.0 170.8

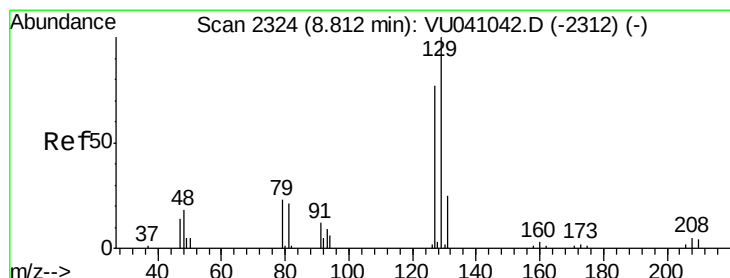
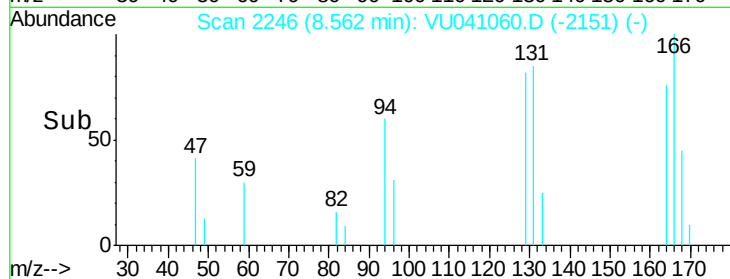
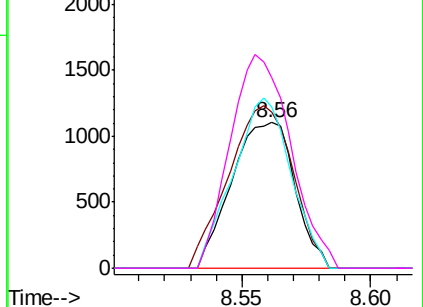


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#49

Dibromochloromethane

Concen: 0.593 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.25 min

Lab File: VU041060.D

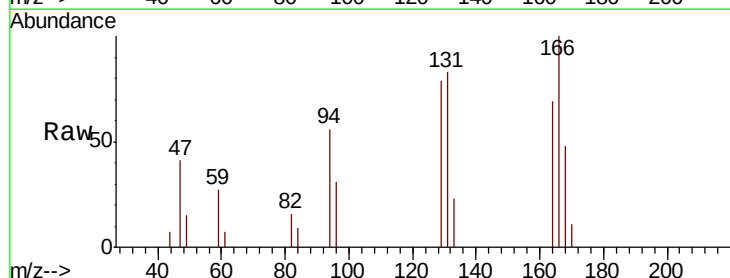
Acq: 02 Nov 2020 19:14

Tgt Ion:129 Resp: 2146

Ion Ratio Lower Upper

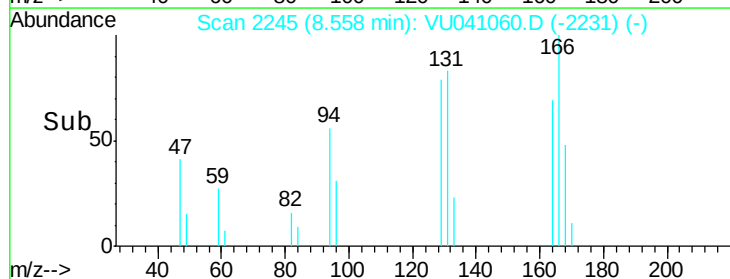
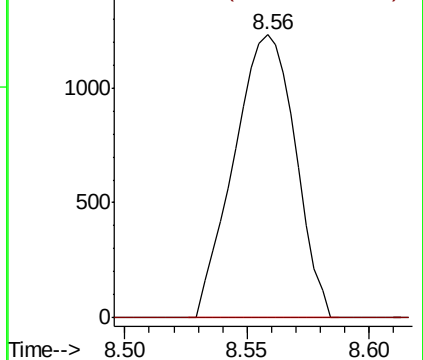
129 100

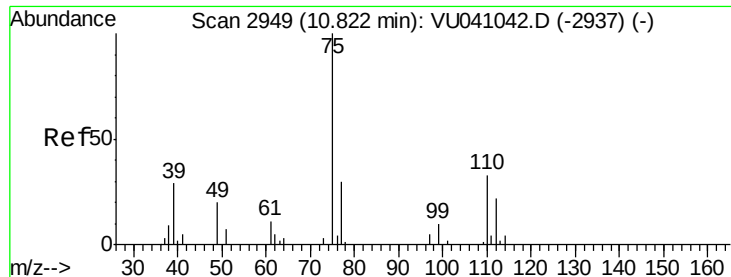
127 0.0 53.4 99.2#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V





#59

1,2,3-Trichloropropane

Concen: 0.964 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041060.D

Acq: 02 Nov 2020 19:14

Instrument :

MSVOA_U

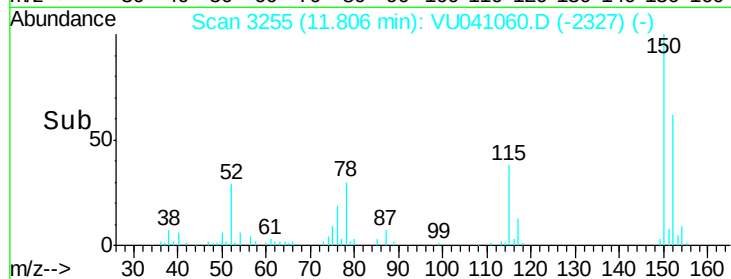
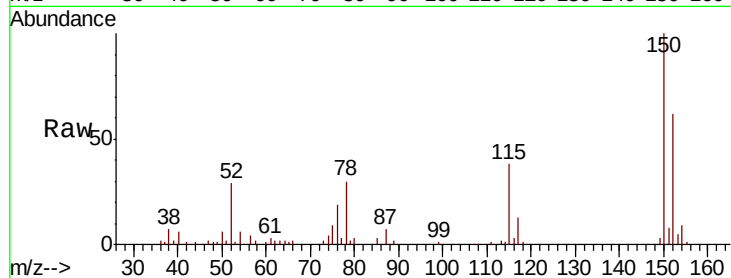
ClientSampleId :

Tot Ion: 75 Resp: 3009

Ion Ratio Lower Upper

75 100

77 36.1 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

