

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050720\
 Data File : VU038067.D
 Acq On : 08 May 2020 03:02
 Operator : JC/MD
 Sample : L2528-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 08 05:00:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 08 04:55:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	369378	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	360748	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	163270	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	144917	4.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.80%
7) Chloroethane-d5	1.93	69	121125	4.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.80%
11) 1,1-Dichloroethene-d2	2.59	63	176924	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	4.66	46	309443	37.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.24%
24) Chloroform-d	5.10	84	201459	3.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.60%
26) 1,2-Dichloroethane-d4	5.74	65	129416	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
32) Benzene-d6	5.76	84	491344	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.72	67	157172	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.92	98	434963	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	8.20	79	55173	3.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.00%
46) 2-Hexanone-d5	8.65	63	276344	41.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.74%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	114587	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	152155	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

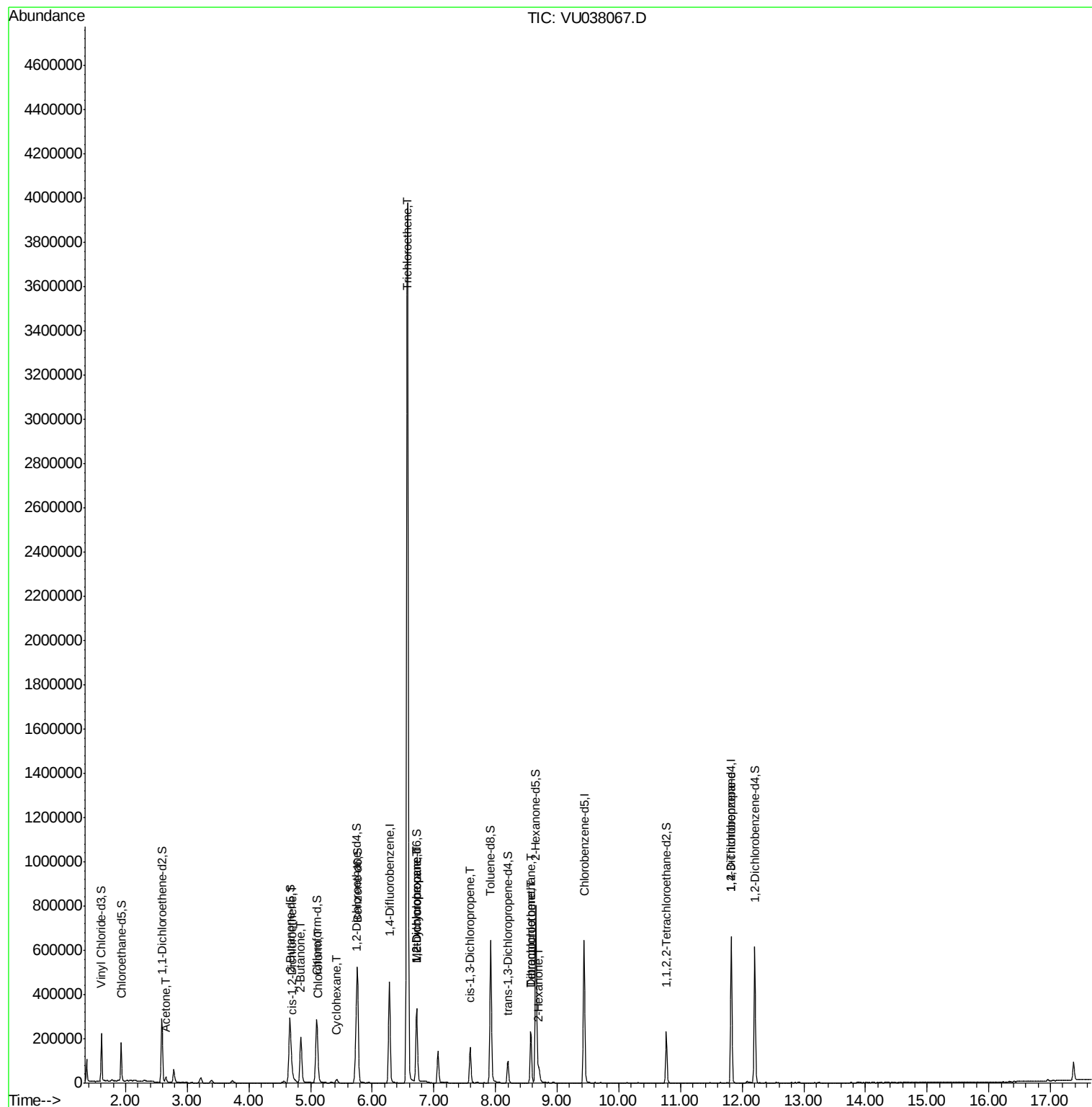
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.65	43	28662	5.480	ug/L	99
21) 2-Butanone	4.84	43	271308	29.390	ug/L #	49
22) cis-1,2-Dichloroethene	4.70	96	4964	0.165	ug/L	86
25) Chloroform	5.12	83	24604	0.483	ug/L	96
30) Cyclohexane	5.42	56	7997	0.164	ug/L	98
34) Trichloroethene	6.57	95	1361339	47.116	ug/L	99
35) Methylcyclohexane	6.72	83	34916	0.746	ug/L #	16
37) 1,2-Dichloropropane	6.72	63	16422	0.523	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3816	0.085	ug/L #	71
47) Tetrachloroethene	8.57	164	50482	2.498	ug/L	98
48) 2-Hexanone	8.71	43	34950	2.194	ug/L	97
49) Dibromochloromethane	8.57	129	49249	2.178	ug/L #	10
59) 1,2,3-Trichloropropane	11.83	75	22935	1.089	ug/L	95

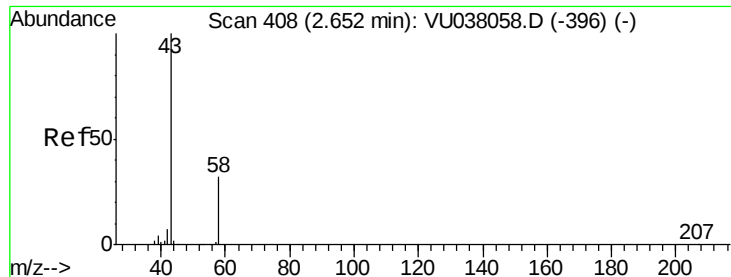
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 08 04:55:51 2020
Response via : Initial Calibration





#13

Acetone

Concen: 5.480 ug/L

RT: 2.65 min Scan# 408

Delta R.T. 0.00 min

Lab File: VU038067.D

Acq: 08 May 2020 03:02

Instrument :

MSVOA_U

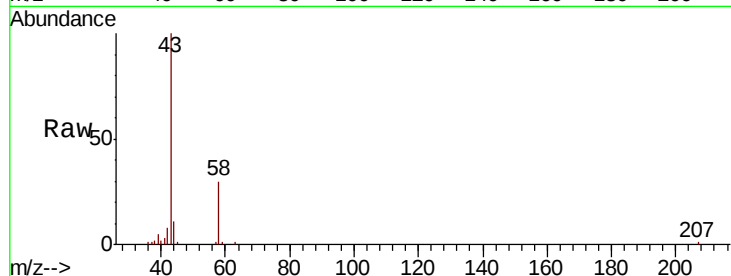
ClientSampleId :

Tot Ion: 43 Resp: 28662

Ion Ratio Lower Upper

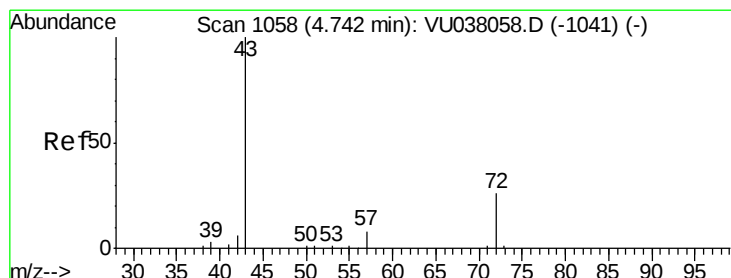
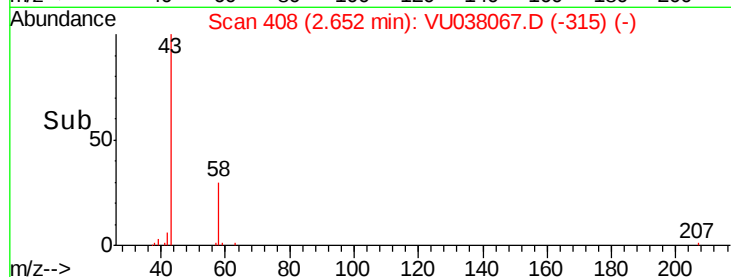
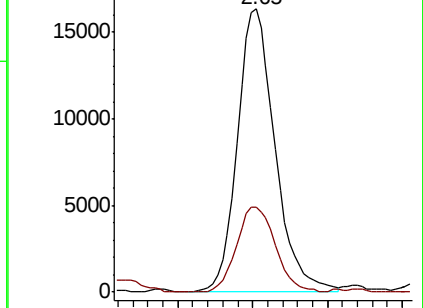
43 100

58 31.0 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038058.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VU038058.D (-396) (-)



#21

2-Butanone

Concen: 29.390 ug/L

RT: 4.84 min Scan# 1089

Delta R.T. 0.10 min

Lab File: VU038067.D

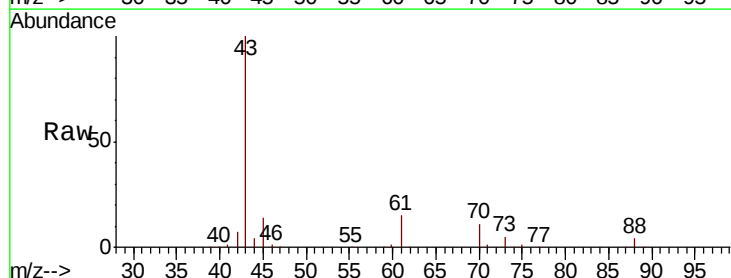
Acq: 08 May 2020 03:02

Tgt Ion: 43 Resp: 271308

Ion Ratio Lower Upper

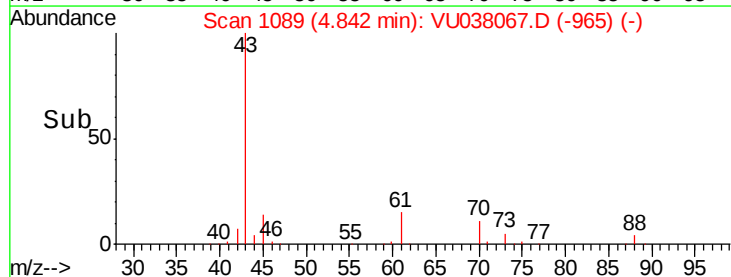
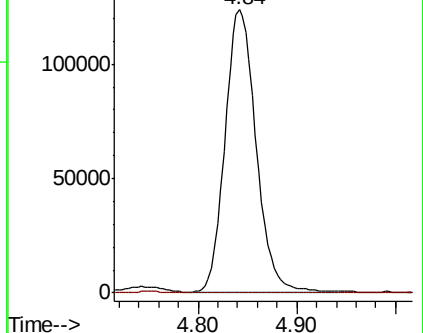
43 100

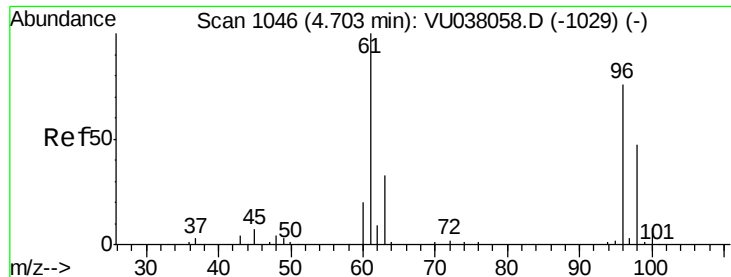
72 0.5 13.5 40.4#



Abundance Ion 43.05 (42.75 to 43.75): VU038058.D (-1041) (-)

Ion 72.10 (71.80 to 72.80): VU038058.D (-1041) (-)





#22

cis-1,2-Dichloroethene

Concen: 0.165 ug/L

RT: 4.70 min Scan# 1046

Delta R.T. 0.00 min

Lab File: VU038067.D

Acq: 08 May 2020 03:02

Instrument :

MSVOA_U

ClientSampled :

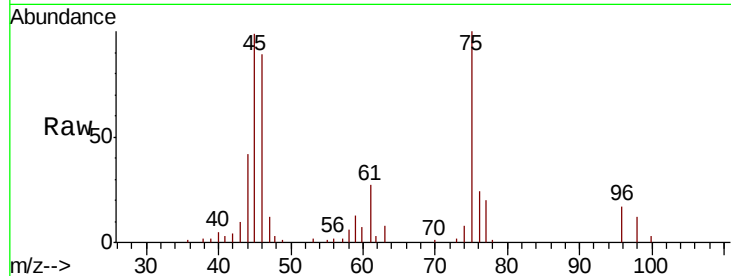
Tot Ion: 96 Resp: 4964

Ion Ratio Lower Upper

96 100

61 153.0 95.3 176.9

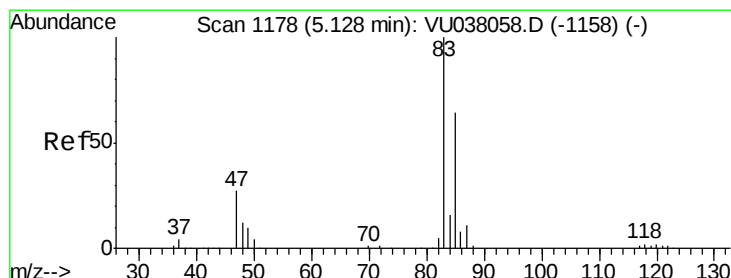
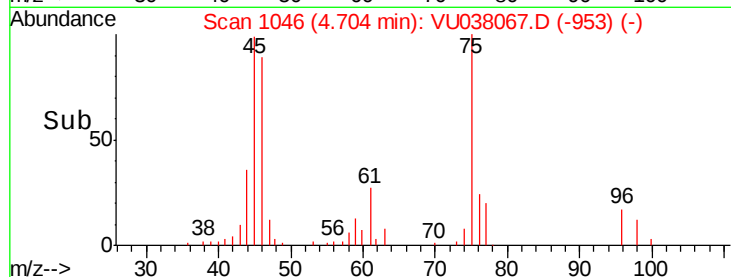
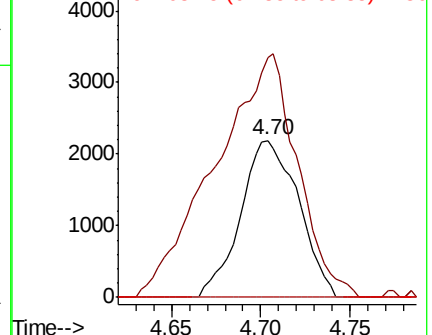
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU038058.D (-1029) (-)

Ion 61.05 (60.75 to 61.75): VU038058.D (-1029) (-)

Ion 68.15 (67.85 to 68.85): VU038058.D (-1029) (-)



#25

Chloroform

Concen: 0.483 ug/L

RT: 5.12 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VU038067.D

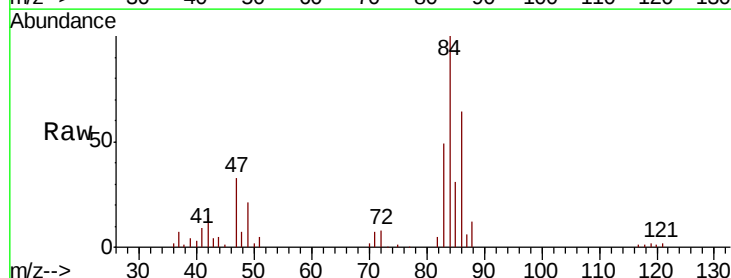
Acq: 08 May 2020 03:02

Tgt Ion: 83 Resp: 24604

Ion Ratio Lower Upper

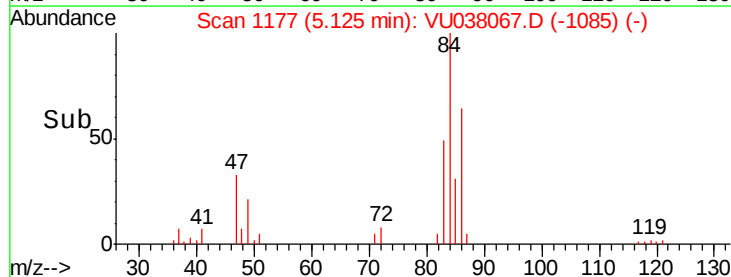
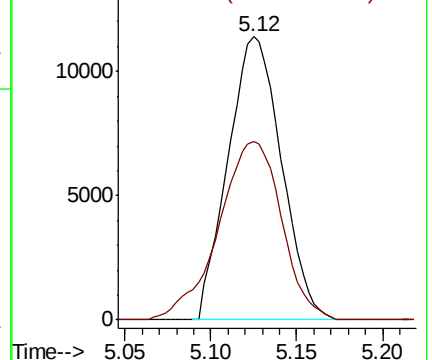
83 100

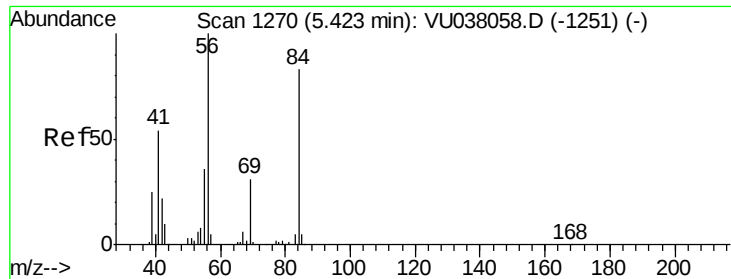
85 63.2 46.2 85.8



Abundance Ion 83.05 (82.75 to 83.75): VU038058.D (-1158) (-)

Ion 85.00 (84.70 to 85.70): VU038058.D (-1158) (-)

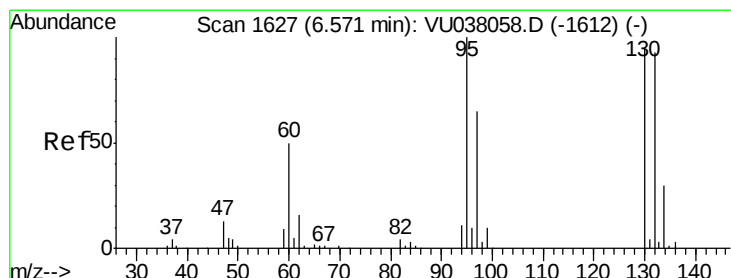
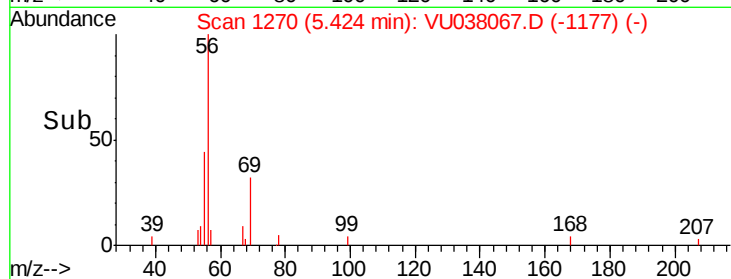
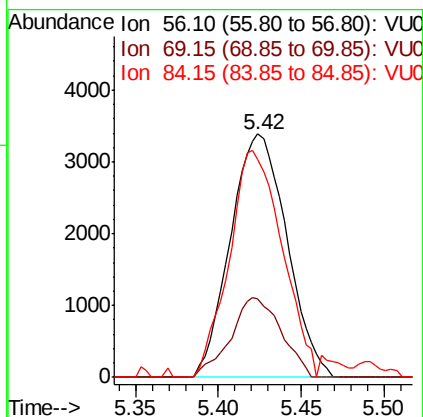
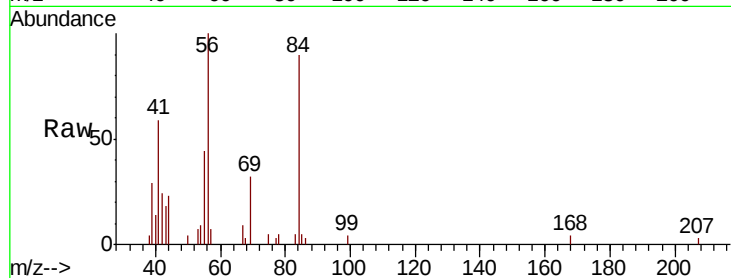




#30
Cyclohexane
Concen: 0.164 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VU038067.D
Acq: 08 May 2020 03:02

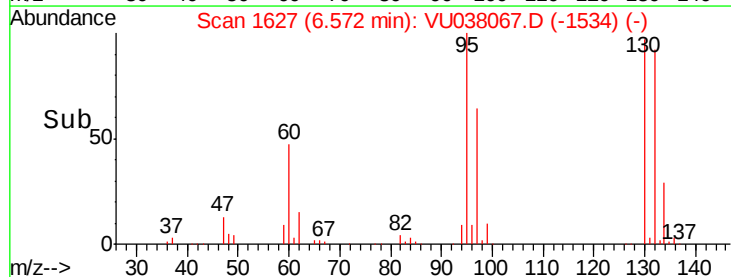
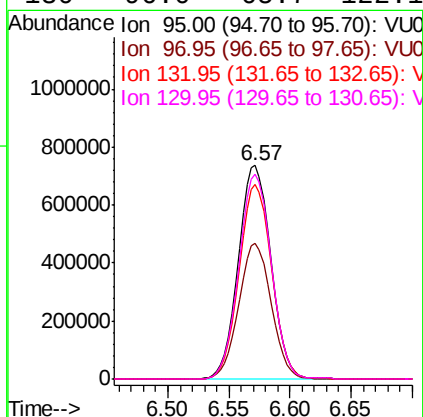
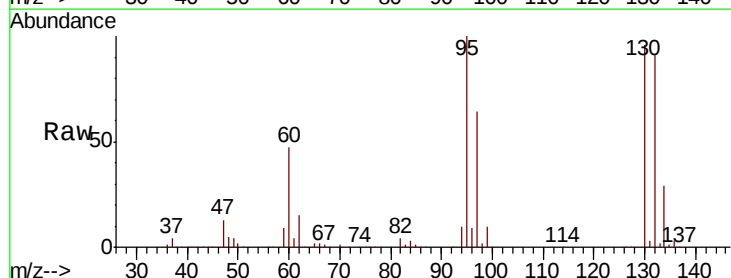
Instrument :
MSVOA_U
ClientSampleId :

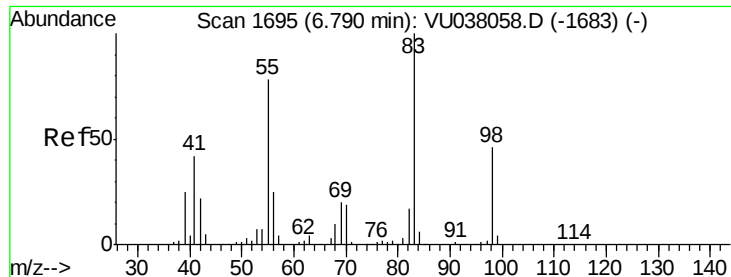
Tot Ion: 56 Resp: 7997
Ion Ratio Lower Upper
56 100
69 29.4 24.2 36.4
84 87.6 68.5 102.7



#34
Trichloroethene
Concen: 47.116 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VU038067.D
Acq: 08 May 2020 03:02

Tgt Ion: 95 Resp: 1361339
Ion Ratio Lower Upper
95 100
97 63.7 44.9 83.3
132 91.1 63.3 117.5
130 96.0 65.7 122.1

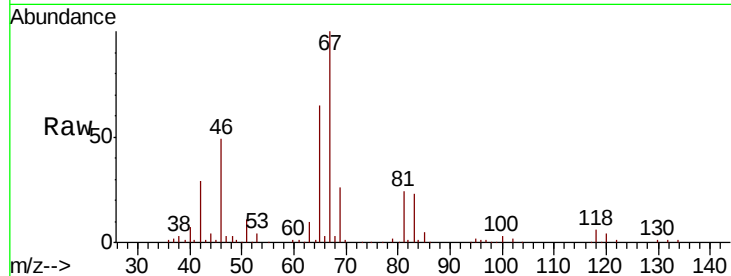




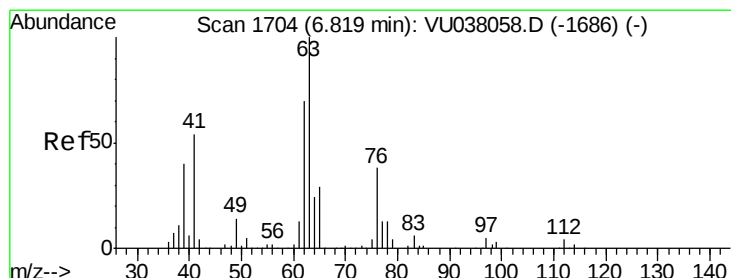
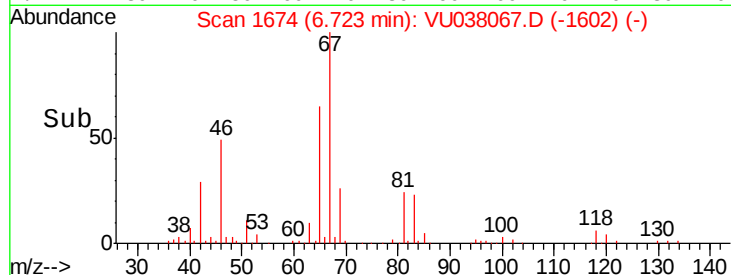
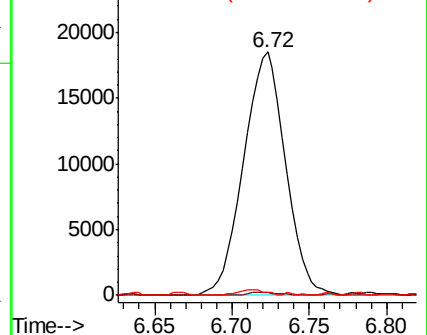
#35
Methvlcvclohexane
Concen: 0.746 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038067.D
Acq: 08 May 2020 03:02

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 83 Resp: 34916
Ion Ratio Lower Upper
83 100
55 0.9 66.7 100.1#
98 0.0 39.4 59.2#

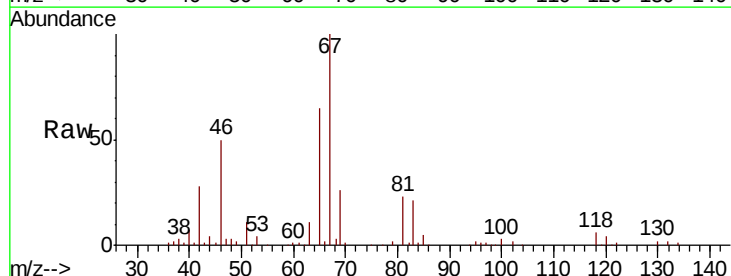


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

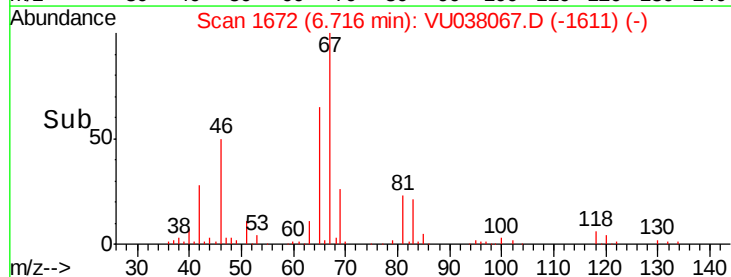
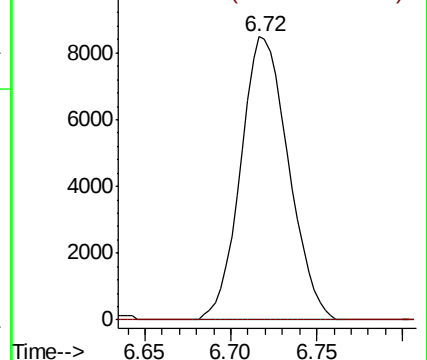


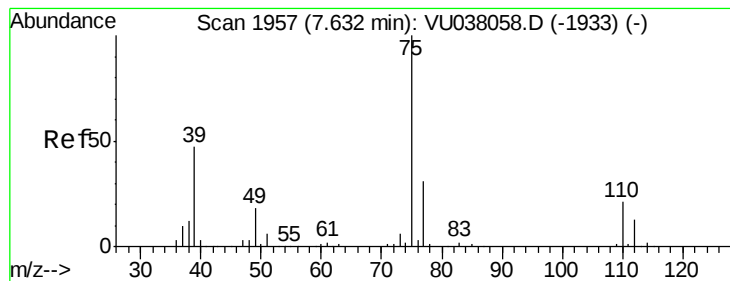
#37
1,2-Dichloropropane
Concen: 0.523 ug/L
RT: 6.72 min Scan# 1672
Delta R.T. -0.10 min
Lab File: VU038067.D
Acq: 08 May 2020 03:02

Tgt Ion: 63 Resp: 16422
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V



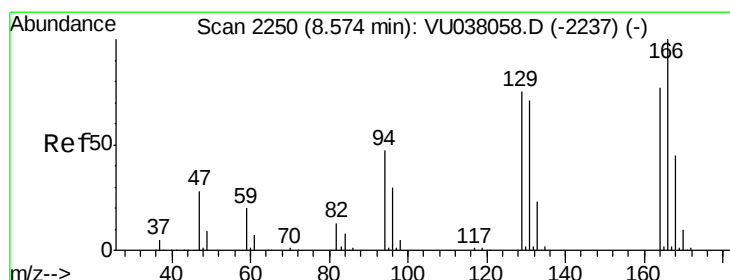
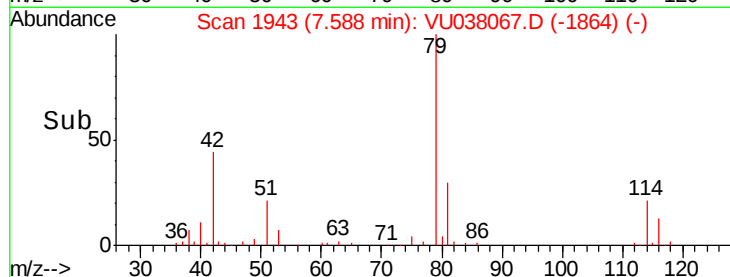
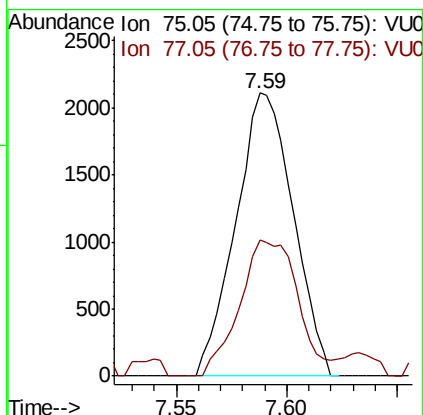
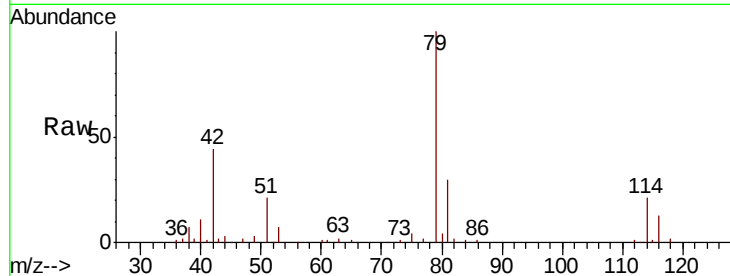


#39

cis-1,3-Dichloropropene
Concen: 0.085 ug/L
RT: 7.59 min Scan# 1943
Delta R.T. -0.04 min
Lab File: VU038067.D
Acq: 08 May 2020 03:02

Instrument :
MSVOA_U
ClientSampled :

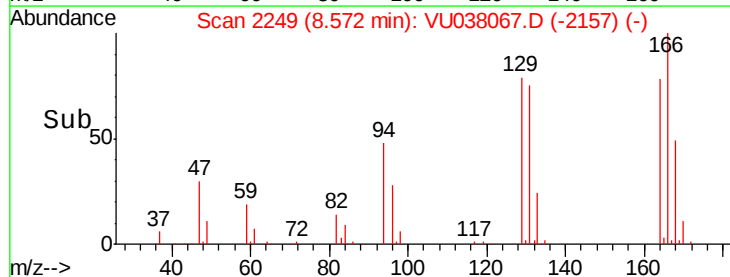
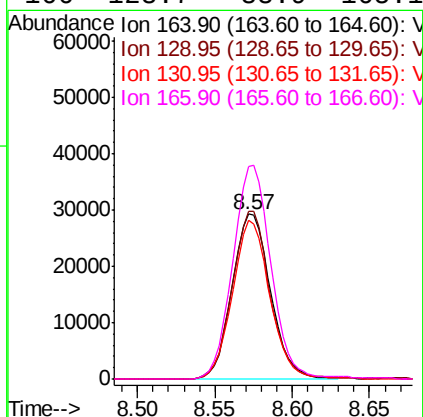
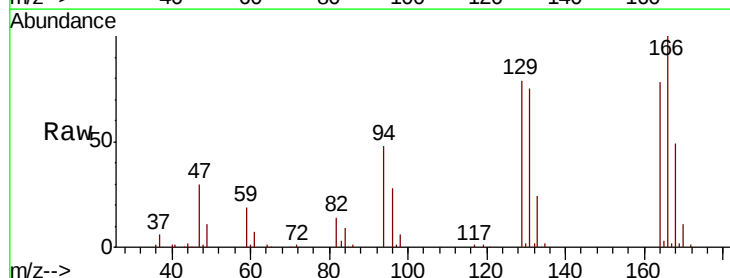
Tot Ion: 75 Resp: 3816
Ion Ratio Lower Upper
75 100
77 47.9 22.4 41.6#

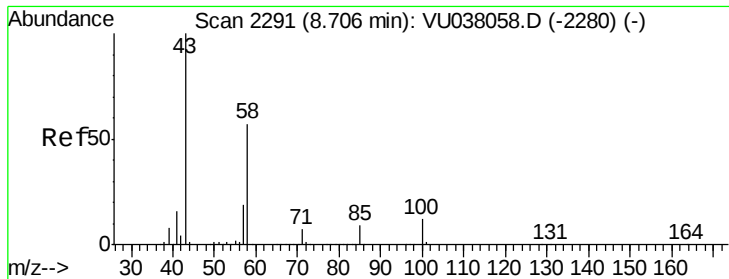


#47

Tetrachloroethene
Concen: 2.498 ug/L
RT: 8.57 min Scan# 2249
Delta R.T. -0.00 min
Lab File: VU038067.D
Acq: 08 May 2020 03:02

Tgt Ion: 164 Resp: 50482
Ion Ratio Lower Upper
164 100
129 101.5 68.8 127.8
131 96.0 66.8 124.2
166 128.7 88.9 165.1

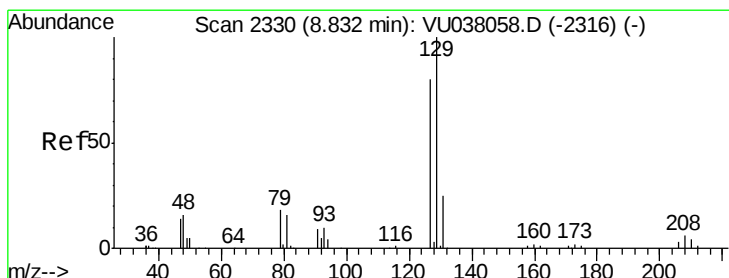
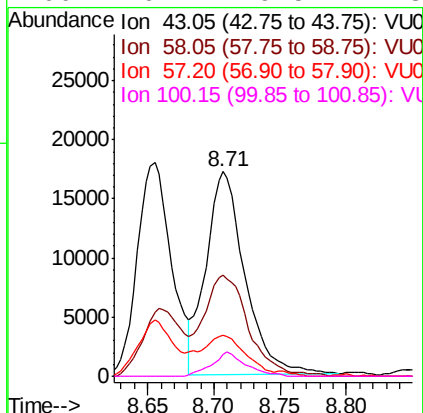
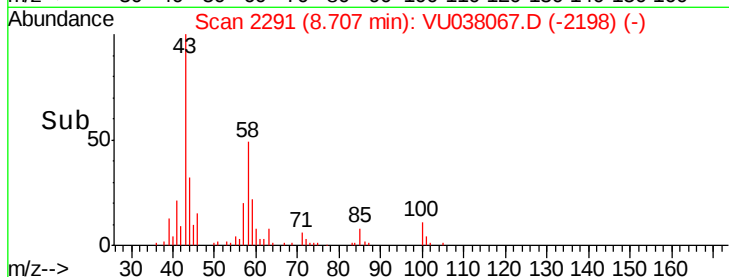
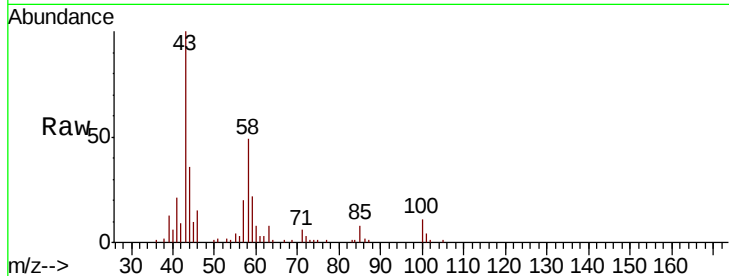




#48
2-Hexanone
Concen: 2.194 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU038067.D
Acq: 08 May 2020 03:02

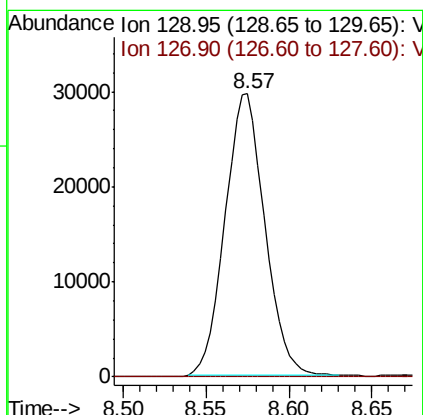
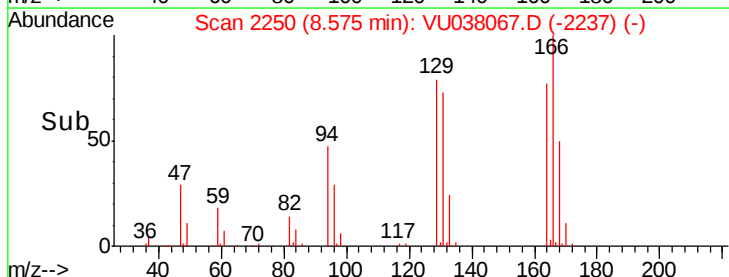
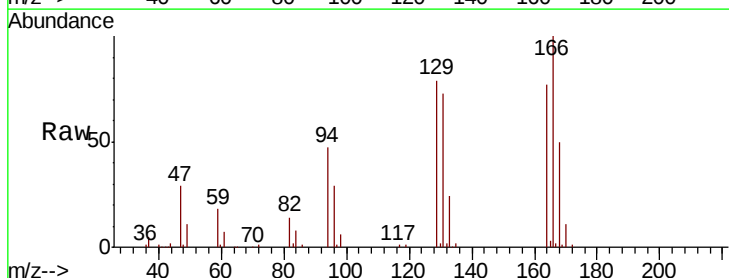
Instrument :
MSVOA_U
ClientSampled :

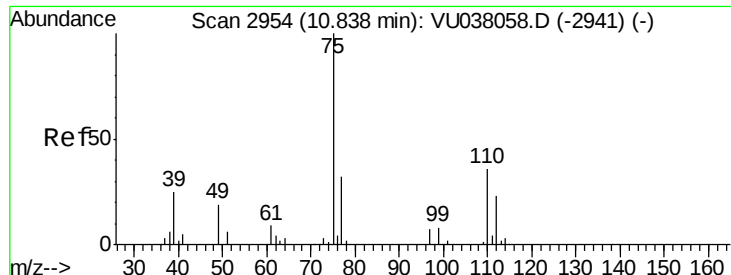
Tot Ion: 43 Resp: 34950
Ion Ratio Lower Upper
43 100
58 57.6 45.2 67.8
57 21.6 15.5 23.3
100 10.4 9.5 14.3



#49
Dibromochloromethane
Concen: 2.178 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. -0.26 min
Lab File: VU038067.D
Acq: 08 May 2020 03:02

Tgt Ion: 129 Resp: 49249
Ion Ratio Lower Upper
129 100
127 0.0 55.6 103.4#





#59

1,2,3-Trichloropropane

Concen: 1.089 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU038067.D

Acq: 08 May 2020 03:02

Instrument :

MSVOA_U

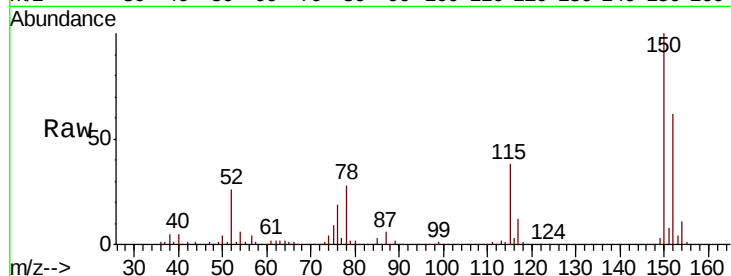
ClientSampleId :

Tot Ion: 75 Resp: 22935

Ion Ratio Lower Upper

75 100

77 34.3 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

