

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050620\
 Data File : VV015921.D
 Acq On : 06 May 2020 19:37
 Operator : SY/MD
 Sample : L2527-10
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 07 02:07:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050520WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 07 02:01:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	150029	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	144420	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	68601	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	41490	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.58	69	38404	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.12	63	64341	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	3.93	46	117133	48.96	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.92%
24) Chloroform-d	4.38	84	82149	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.06	65	50781	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.08	84	174668	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.10	67	54334	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.34	98	158146	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	7.64	79	18094	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.11	63	87541	45.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.20%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	35492	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	56641	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

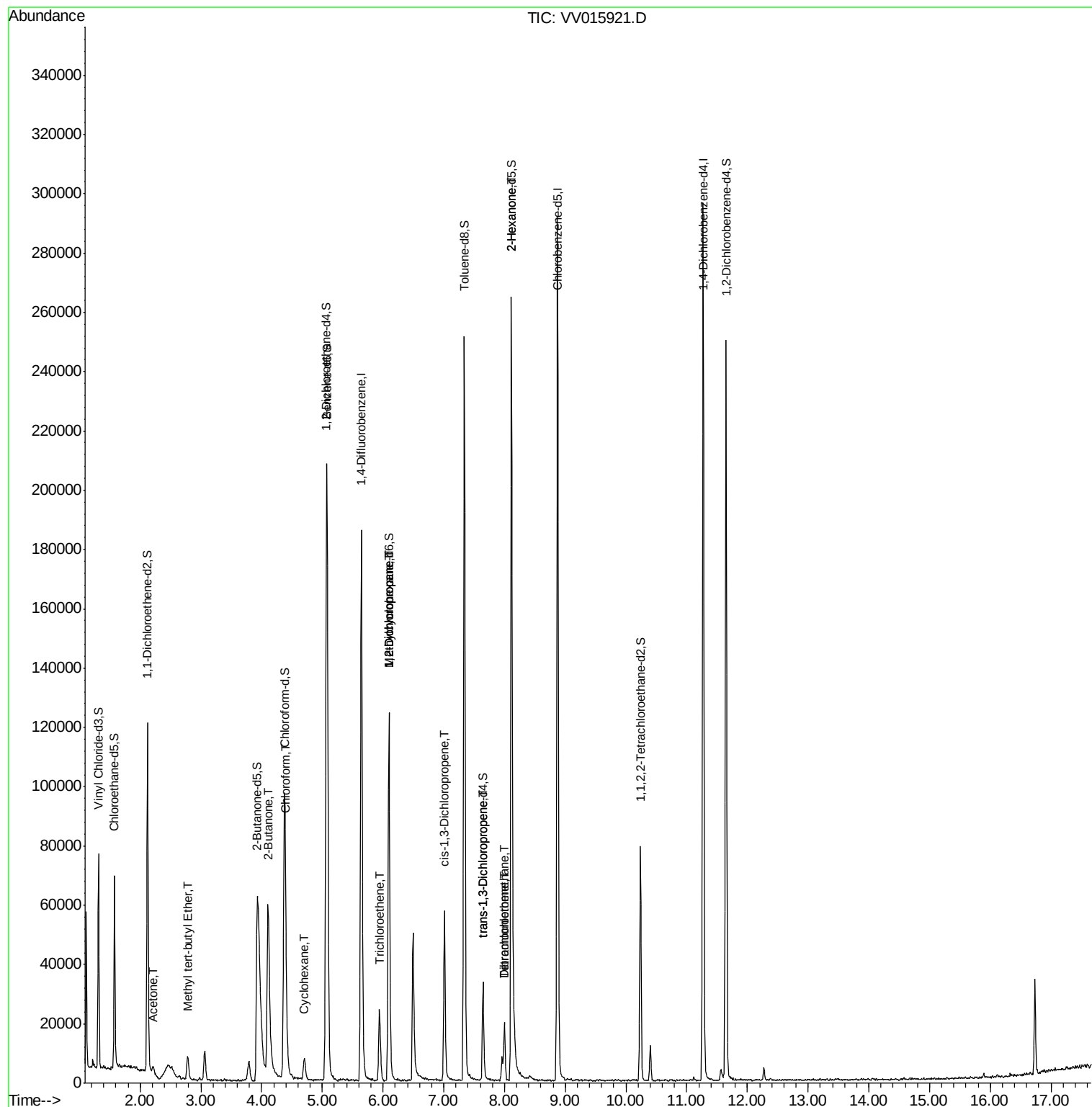
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.22	43	6283	4.265	ug/L	87
17) Methyl tert-butyl Ether	2.79	73	2426	0.109	ug/L #	1
21) 2-Butanone	4.11	43	104920	42.633	ug/L #	55
25) Chloroform	4.40	83	11128	0.567	ug/L	99
30) Cyclohexane	4.70	56	3526	0.209	ug/L	99
34) Trichloroethene	5.94	95	8067	0.783	ug/L	88
35) Methylcyclohexane	6.09	83	14074	0.835	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	6639	0.701	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1714	0.129	ug/L #	54
44) trans-1,3-Dichloropropene	7.65	75	914	0.081	ug/L	94
47) Tetrachloroethene	8.00	164	3914	0.510	ug/L	97
48) 2-Hexanone	8.11	43	12875	3.054	ug/L #	76
49) Dibromochloromethane	8.00	129	3932	0.571	ug/L #	9

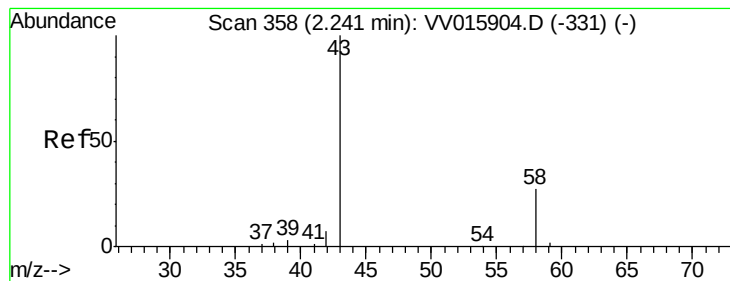
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 07 02:01:25 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.265 ug/L

RT: 2.22 min Scan# 350

Delta R.T. -0.03 min

Lab File: VV015921.D

Acq: 06 May 2020 19:37

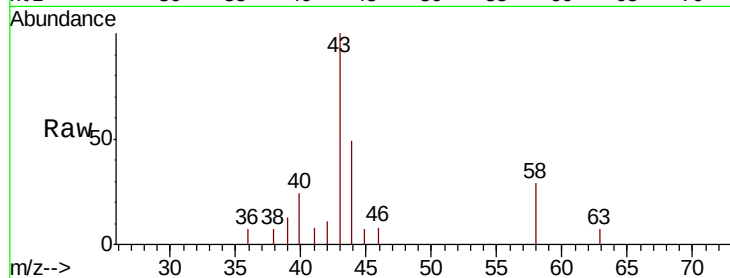
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 6283

Ion Ratio Lower Upper

43 100

58 20.8 0.0 30.8



Abundance Ion 43.05 (42.75 to 43.75): VV015921.D (-265) (-)

Ion 58.05 (57.75 to 58.75): VV015921.D (-265) (-)

2000

1500

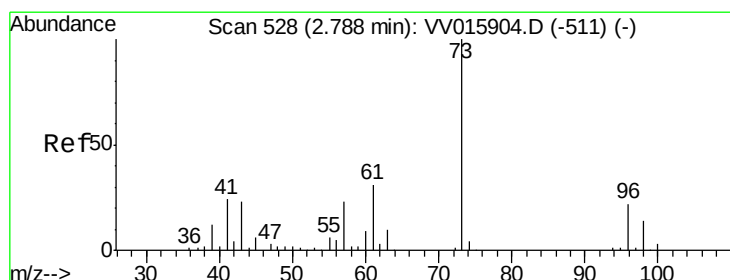
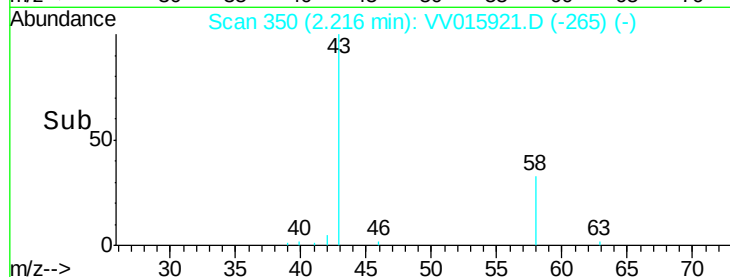
1000

500

0

2.15 2.20 2.25 2.30

Time-->



#17

Methyl tert-butyl Ether

Concen: 0.109 ug/L

RT: 2.79 min Scan# 528

Delta R.T. 0.00 min

Lab File: VV015921.D

Acq: 06 May 2020 19:37

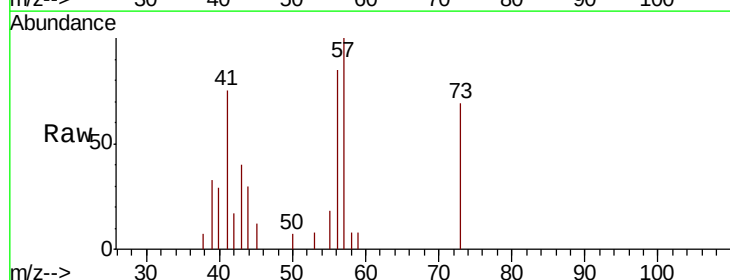
Tgt Ion: 73 Resp: 2426

Ion Ratio Lower Upper

73 100

43 27.9 18.8 28.2

57 156.0 17.8 26.6#



Abundance Ion 73.10 (72.80 to 73.80): VV015921.D (-435) (-)

Ion 43.05 (42.75 to 43.75): VV015921.D (-435) (-)

Ion 57.10 (56.80 to 57.80): VV015921.D (-435) (-)

2500

2000

1500

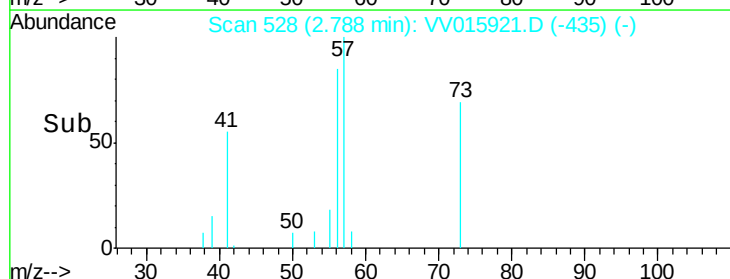
1000

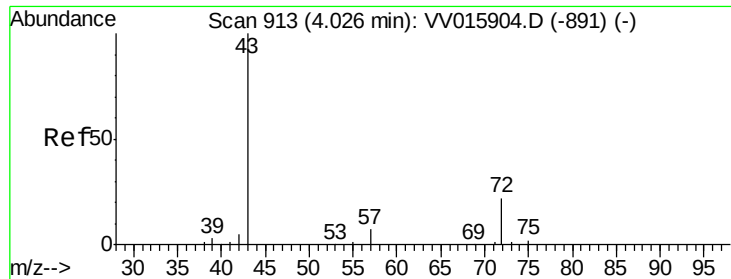
500

0

2.75 2.80 2.85

Time-->





#21

2-Butanone

Concen: 42.633 ug/L

RT: 4.11 min Scan# 939

Delta R.T. 0.08 min

Lab File: VV015921.D

Acq: 06 May 2020 19:37

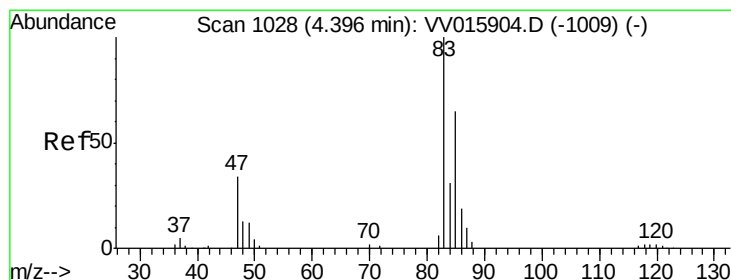
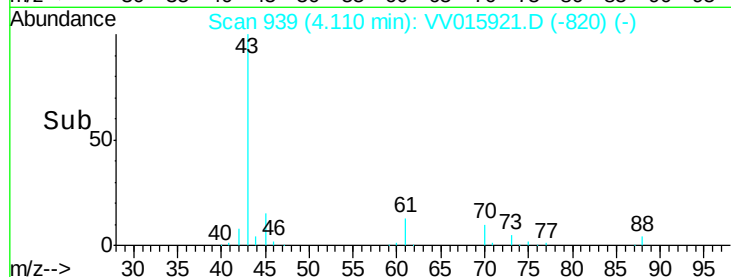
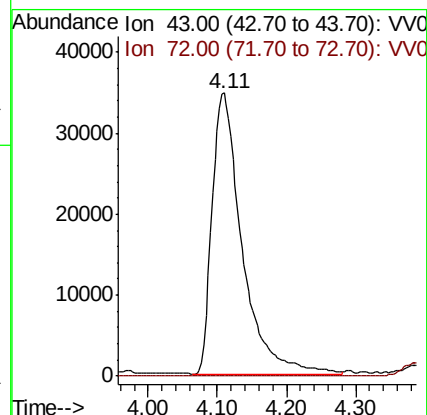
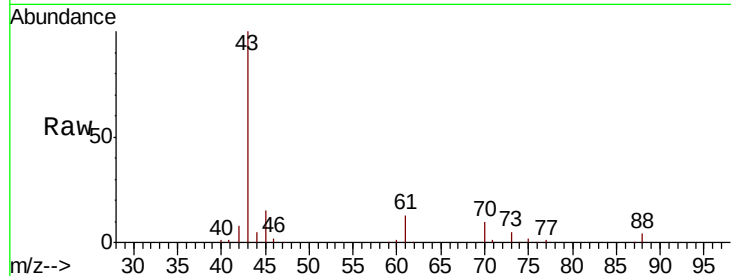
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 104920

Ion Ratio Lower Upper

43 100

72 0.1 10.5 31.5#



#25

Chloroform

Concen: 0.567 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VV015921.D

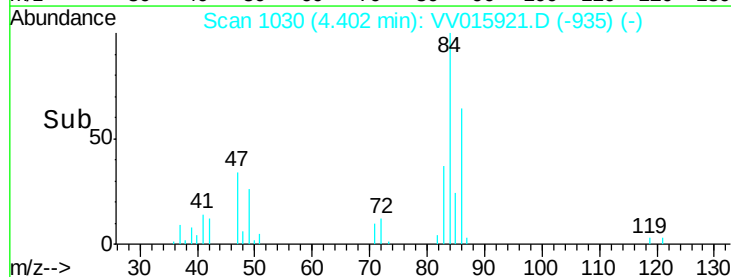
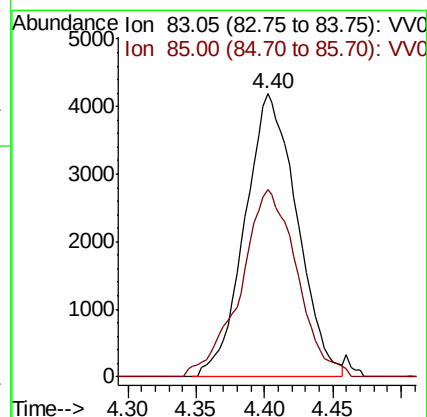
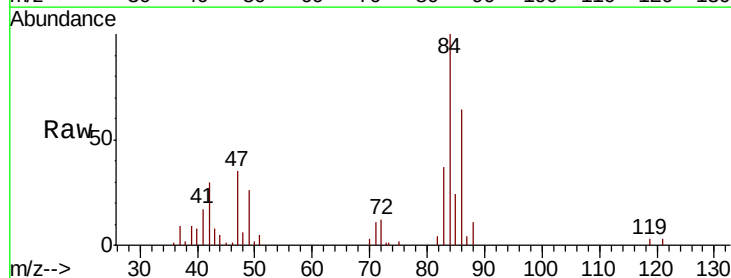
Acq: 06 May 2020 19:37

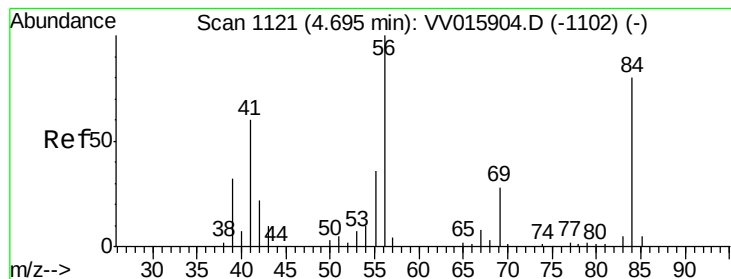
Tgt Ion: 83 Resp: 11128

Ion Ratio Lower Upper

83 100

85 66.1 45.7 84.9





#30

Cyclohexane

Concen: 0.209 ug/L

RT: 4.70 min Scan# 1124

Delta R.T. 0.01 min

Lab File: VV015921.D

Acq: 06 May 2020 19:37

Instrument :

MSVOA_V

ClientSampleId :

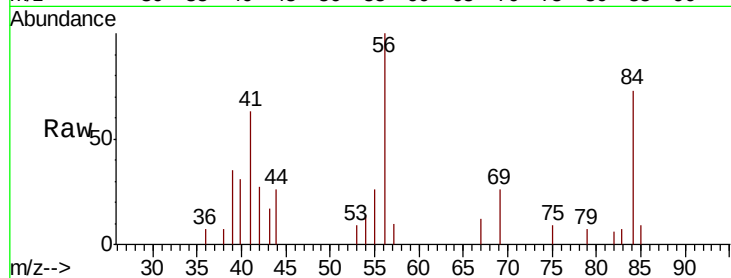
Tot Ion: 56 Resp: 3526

Ion Ratio Lower Upper

56 100

69 31.7 24.2 36.2

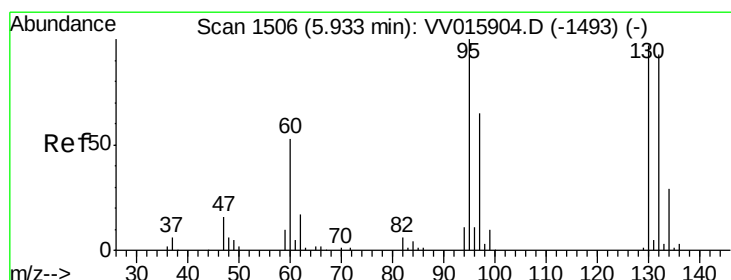
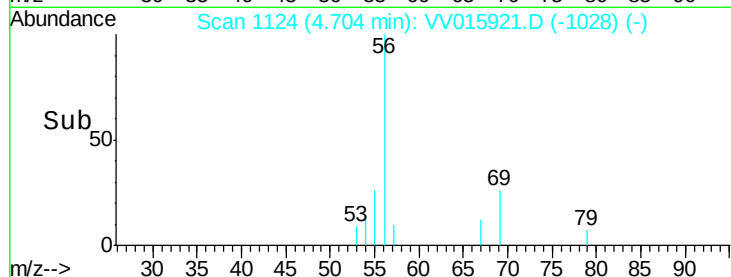
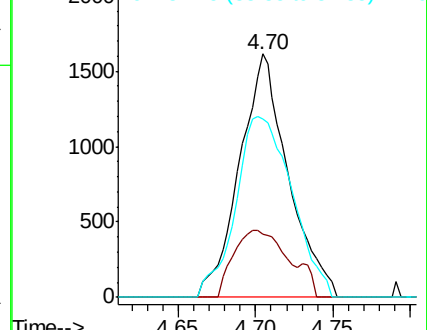
84 85.7 68.3 102.5



Abundance Ion 56.10 (55.80 to 56.80): VV015921.D (-1028) (-)

Ion 69.15 (68.85 to 69.85): VV015921.D (-1028) (-)

Ion 84.15 (83.85 to 84.85): VV015921.D (-1028) (-)



#34

Trichloroethene

Concen: 0.783 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV015921.D

Acq: 06 May 2020 19:37

Tgt Ion: 95 Resp: 8067

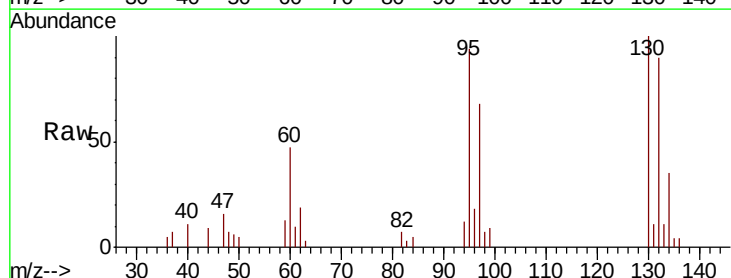
Ion Ratio Lower Upper

95 100

97 72.3 43.3 80.5

132 95.3 60.3 112.1

130 106.4 66.0 122.6

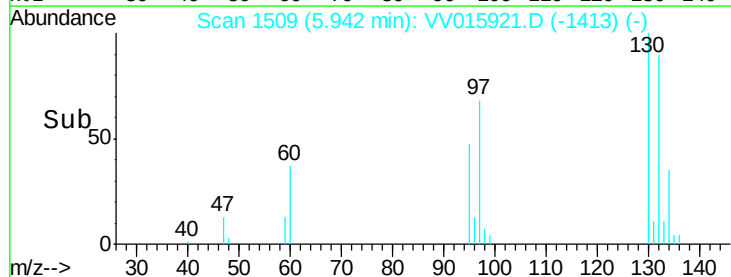
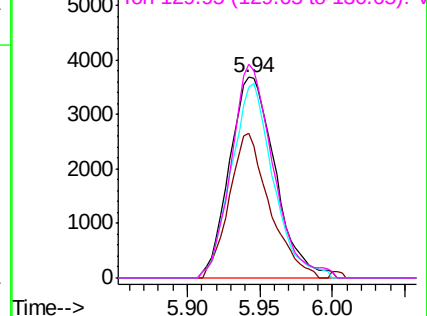


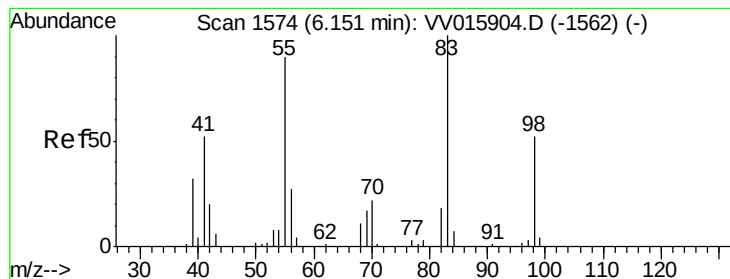
Abundance Ion 95.00 (94.70 to 95.70): VV015921.D (-1413) (-)

Ion 96.95 (96.65 to 97.65): VV015921.D (-1413) (-)

Ion 131.95 (131.65 to 132.65): VV015921.D (-1413) (-)

Ion 129.95 (129.65 to 130.65): VV015921.D (-1413) (-)





#35

Methylvlcyclohexane

Concen: 0.835 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV015921.D

Acq: 06 May 2020 19:37

Instrument :

MSVOA_V

ClientSampleId :

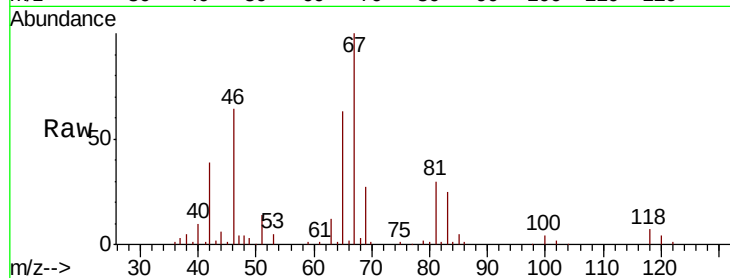
Tot Ion: 83 Resp: 14074

Ion Ratio Lower Upper

83 100

55 0.5 66.2 99.2#

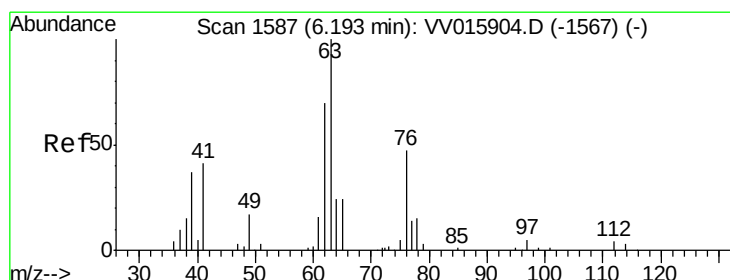
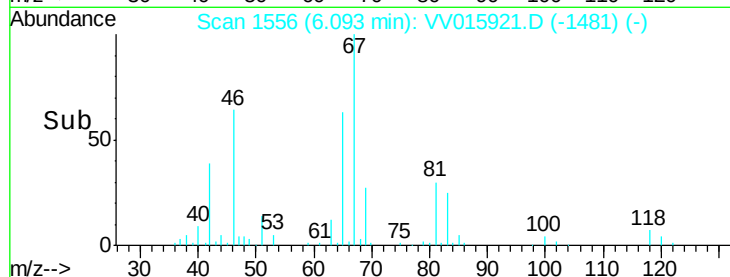
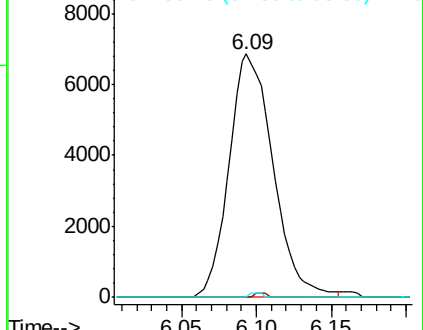
98 0.5 37.9 56.9#



Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0



#37

1,2-Dichloropropane

Concen: 0.701 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV015921.D

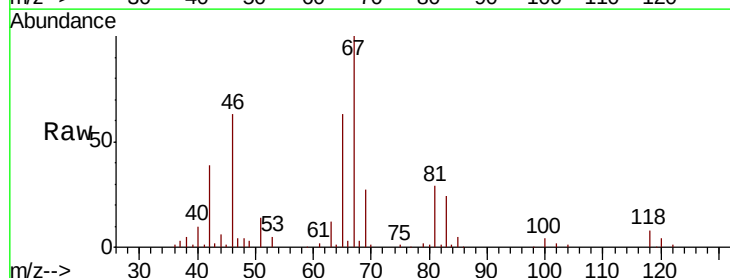
Acq: 06 May 2020 19:37

Tgt Ion: 63 Resp: 6639

Ion Ratio Lower Upper

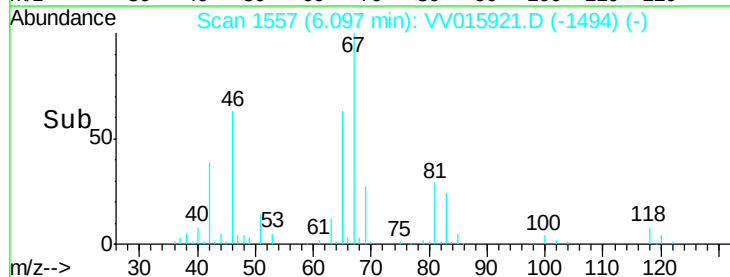
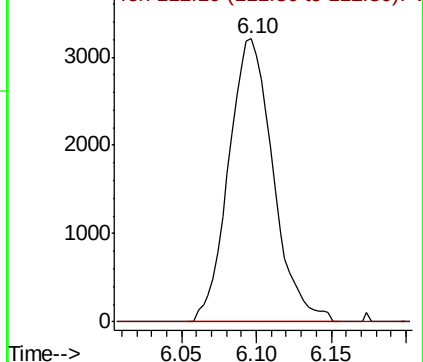
63 100

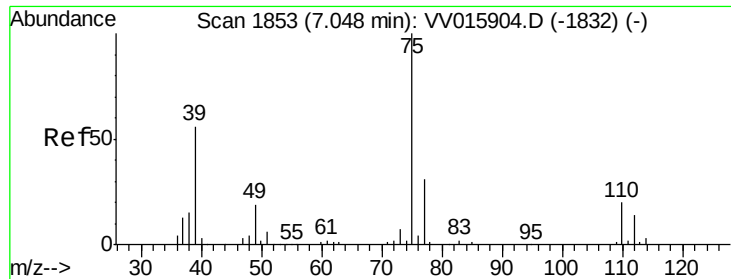
112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V

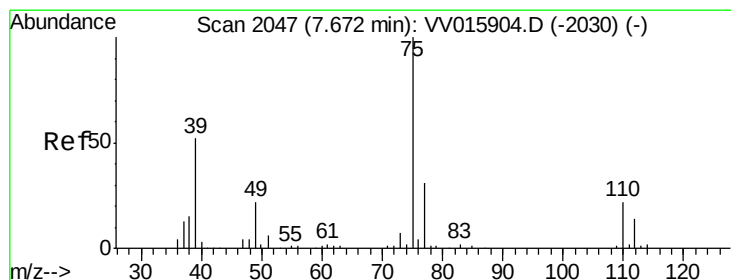
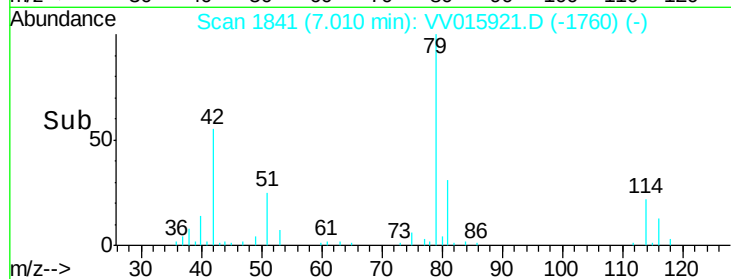
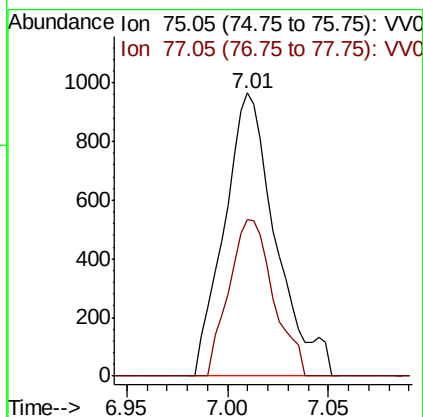
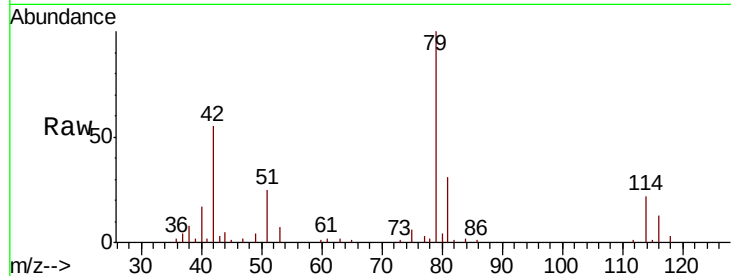




#39
 cis-1,3-Dichloropropene
 Concen: 0.129 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015921.D
 Acq: 06 May 2020 19:37

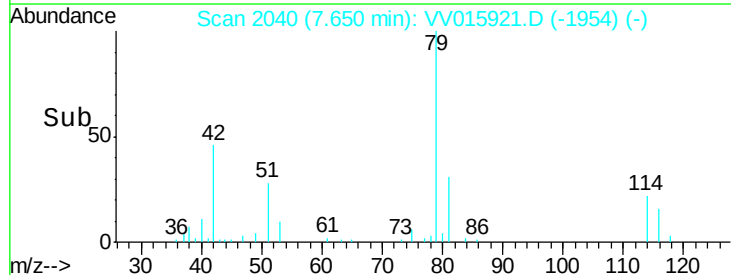
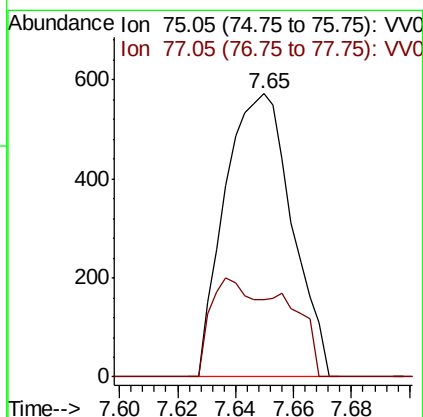
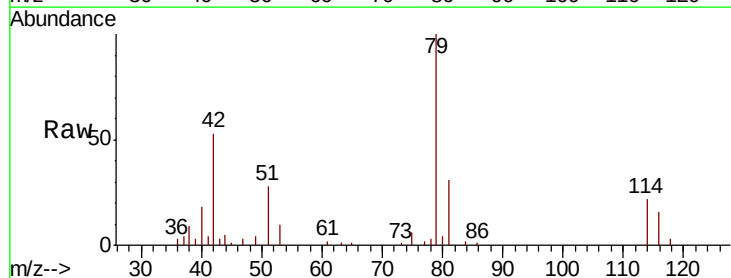
Instrument :
 MSVOA_V
 ClientSampled :

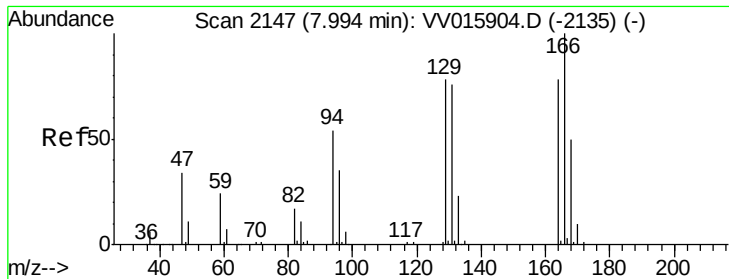
Tot Ion: 75 Resp: 1714
 Ion Ratio Lower Upper
 75 100
 77 55.4 21.3 39.5#



#44
 trans-1,3-Dichloropropene
 Concen: 0.081 ug/L
 RT: 7.65 min Scan# 2040
 Delta R.T. -0.02 min
 Lab File: VV015921.D
 Acq: 06 May 2020 19:37

Tgt Ion: 75 Resp: 914
 Ion Ratio Lower Upper
 75 100
 77 27.1 21.3 39.6





#47

Tetrachloroethene

Concen: 0.510 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV015921.D

Acq: 06 May 2020 19:37

Instrument :
MSVOA_V
ClientSampled :

Tot Ion:164 Resp: 3914

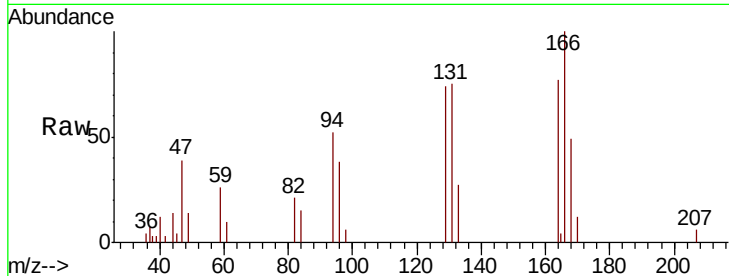
Ion Ratio Lower Upper

164 100

129 96.2 69.7 129.4

131 98.4 66.8 124.2

166 130.6 89.1 165.5

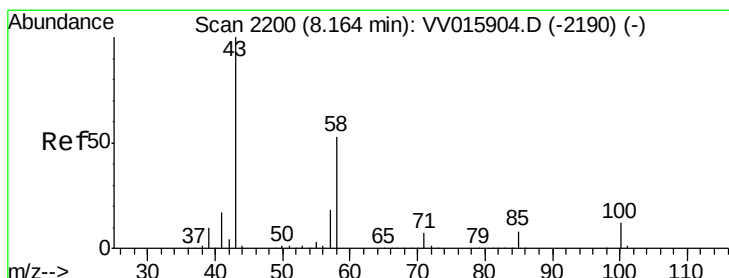
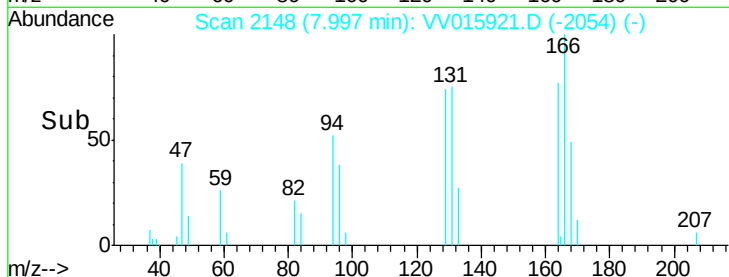
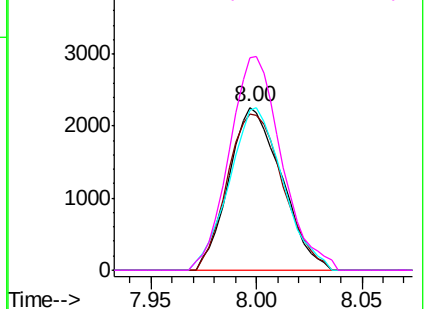


Abundance Ion 163.90 (163.60 to 164.60): V

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



#48

2-Hexanone

Concen: 3.054 ug/L

RT: 8.11 min Scan# 2184

Delta R.T. -0.05 min

Lab File: VV015921.D

Acq: 06 May 2020 19:37

Tgt Ion: 43 Resp: 12875

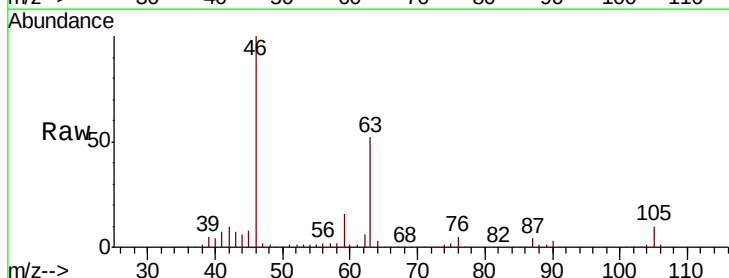
Ion Ratio Lower Upper

43 100

58 32.8 40.8 61.2#

57 25.0 14.7 22.1#

100 0.0 9.0 13.6#

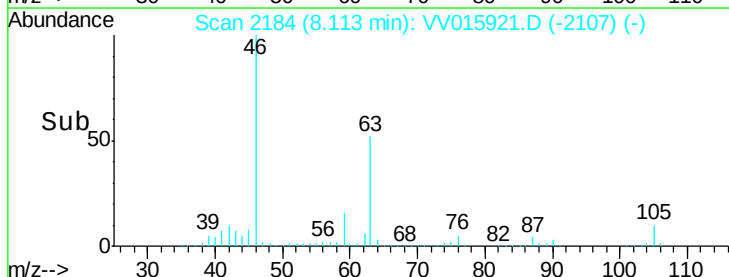
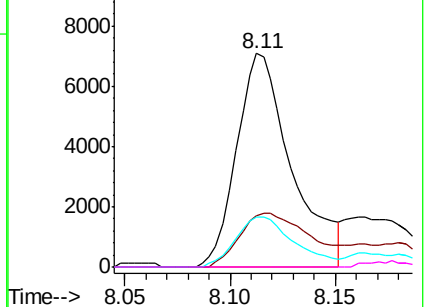


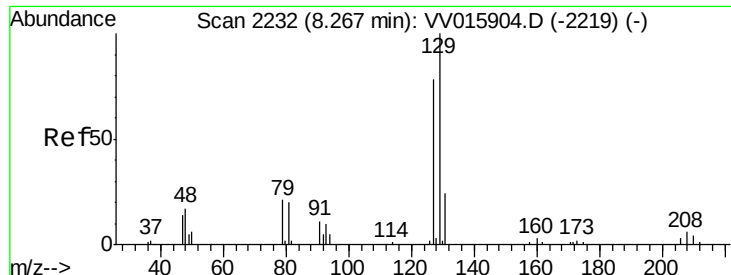
Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0





#49

Dibromochloromethane

Concen: 0.571 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV015921.D

Acq: 06 May 2020 19:37

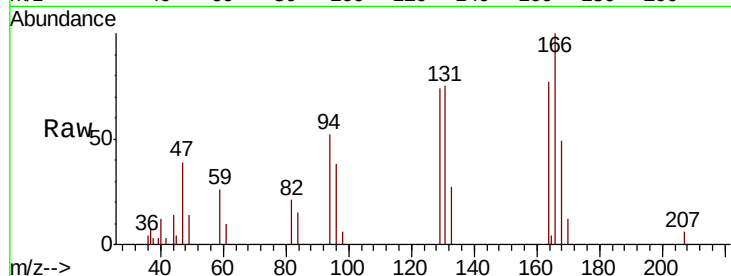
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:129 Resp: 3932

Ion Ratio Lower Upper

129 100

127 0.0 56.0 104.0#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

