

Data File : VV011715.D
Acq On : 22 Jun 2019 05:04
Operator : SY/MD
Sample : K3479-10
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YAP07

Quant Time: Jun 24 05:50:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 24 05:42:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	155553	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	148474	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	59577	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42315	4.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.00%
7) Chloroethane-d5	1.58	69	35794	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.12	63	68031	3.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.80%
20) 2-Butanone-d5	3.96	46	165588	60.89	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.78%
24) Chloroform-d	4.40	84	90267	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.08	65	58862	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
32) Benzene-d6	5.10	84	194352	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.12	67	62656	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.36	98	163325	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.66	79	17118	3.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.80%
46) 2-Hexanone-d5	8.14	63	125084	59.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.60%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	47463	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	58194	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

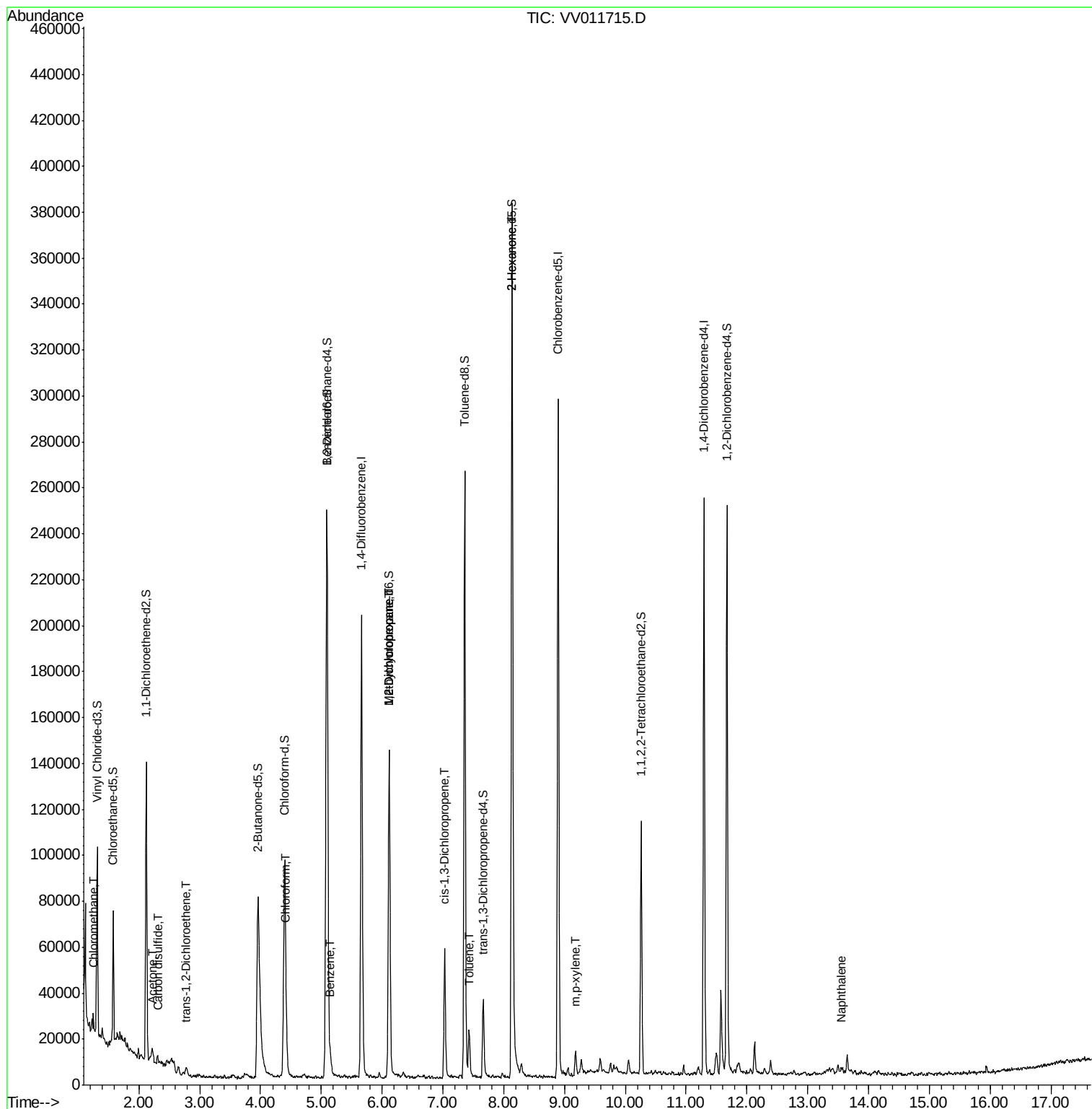
					Qvalue
3) Chloromethane	1.25	50	6355	0.433 ug/L	98
13) Acetone	2.22	43	9980	5.080 ug/L	95
14) Carbon disulfide	2.31	76	3567	0.138 ug/L #	84
18) trans-1,2-Dichloroethene	2.78	96	1163	0.103 ug/L #	73
25) Chloroform	4.43	83	8629	0.349 ug/L	99
33) Benzene	5.14	78	7569	0.154 ug/L	100
35) Methylcyclohexane	6.12	83	15428	0.732 ug/L #	14
37) 1,2-Dichloropropane	6.12	63	7737	0.619 ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	1516	0.092 ug/L #	69
42) Toluene	7.43	91	12431	0.242 ug/L	98
48) 2-Hexanone	8.14	43	17461	3.168 ug/L #	72
53) m,p-xylene	9.18	106	2794	0.134 ug/L	95
69) Naphthalene	13.55	128	1388	0.073 ug/L #	84

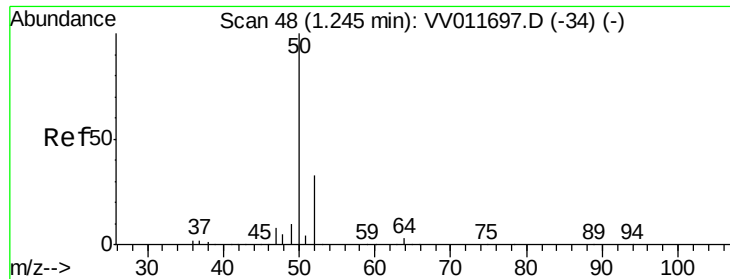
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.433 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

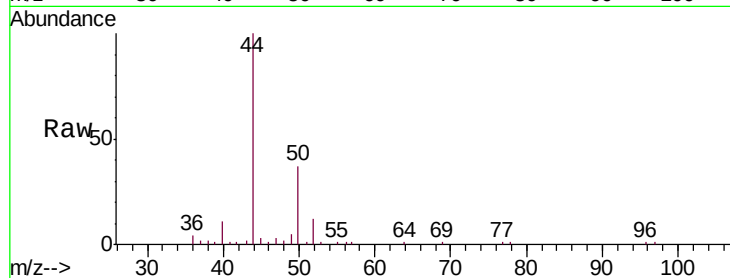
YAP07

Tgt Ion: 50 Resp: 6355

Ion Ratio Lower Upper

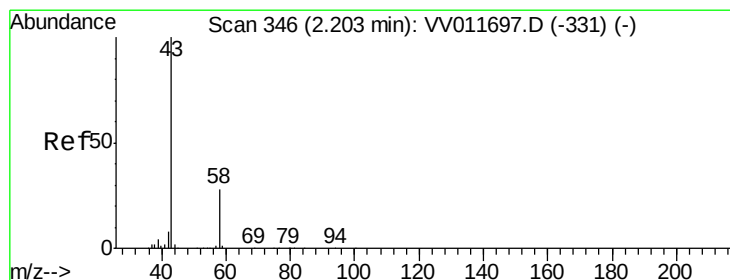
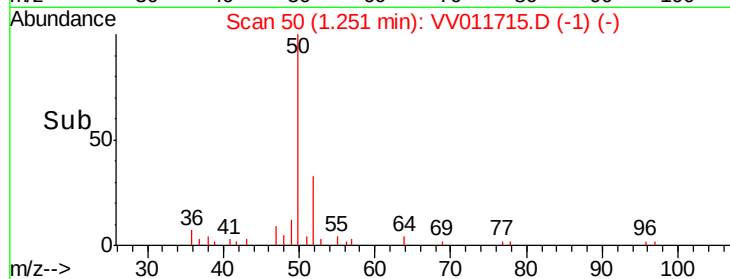
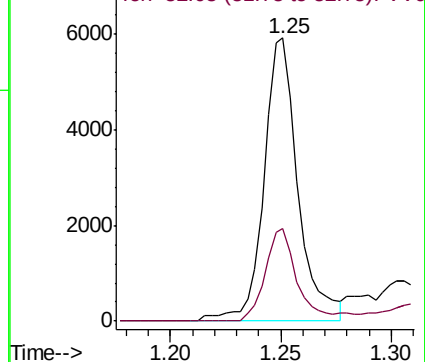
50 100

52 32.6 22.0 40.8



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#13

Acetone

Concen: 5.080 ug/L

RT: 2.22 min Scan# 350

Delta R.T. 0.01 min

Lab File: VV011715.D

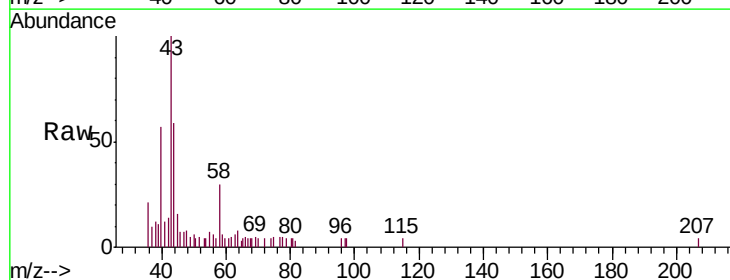
Acq: 22 Jun 2019 05:04

Tgt Ion: 43 Resp: 9980

Ion Ratio Lower Upper

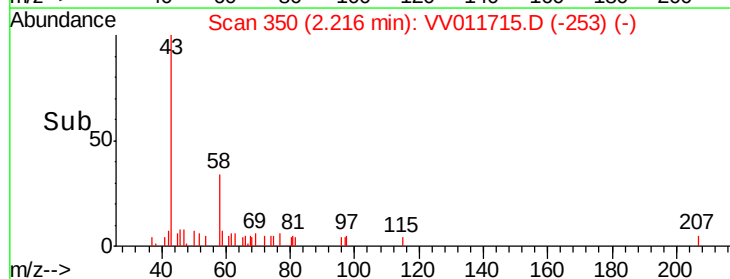
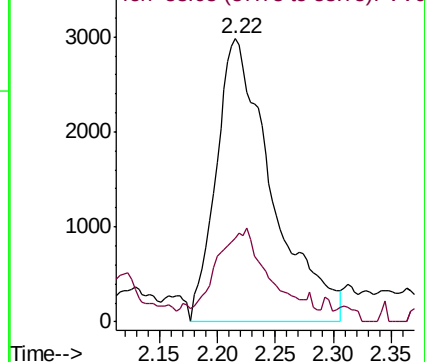
43 100

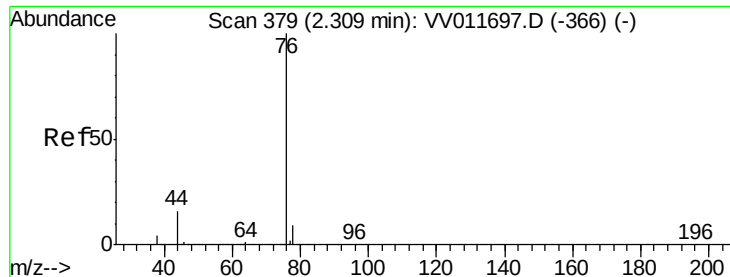
58 30.9 0.0 56.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#14

Carbon disulfide

Concen: 0.138 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

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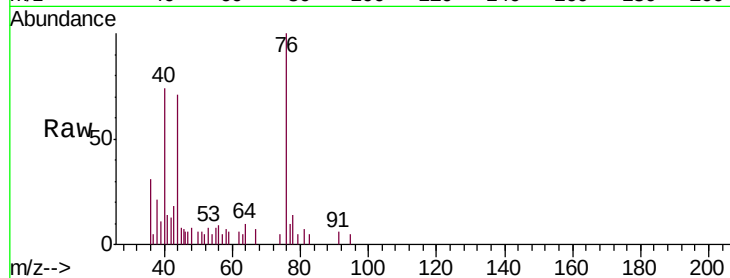
YAP07

Tgt Ion: 76 Resp: 3567

Ion Ratio Lower Upper

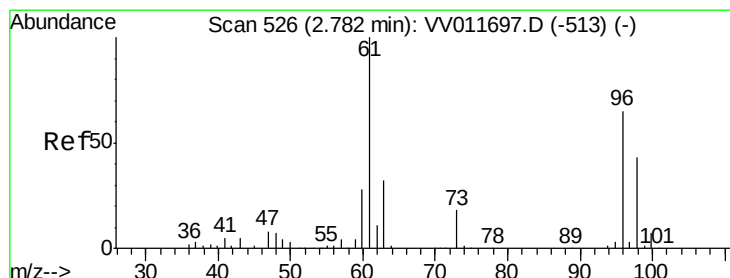
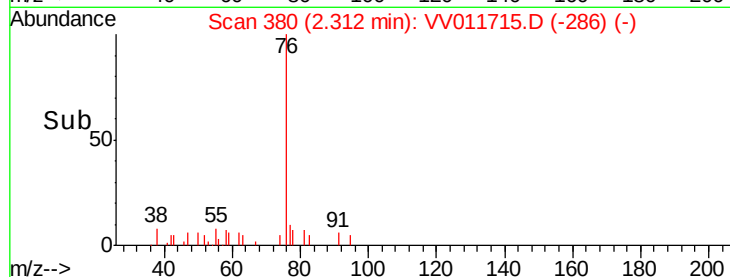
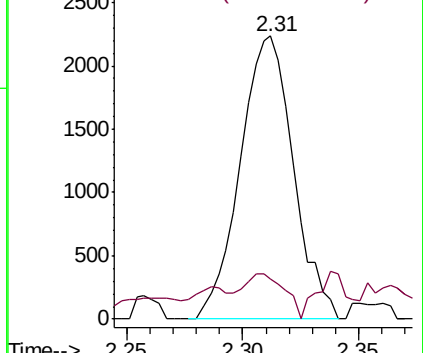
76 100

78 14.4 7.0 10.4#



Abundance Ion 76.05 (75.75 to 76.75): VV011697.D (-366) (-)

Ion 78.00 (77.70 to 78.70): VV011697.D (-366) (-)



#18

trans-1,2-Dichloroethene

Concen: 0.103 ug/L

RT: 2.78 min Scan# 525

Delta R.T. -0.00 min

Lab File: VV011715.D

Acq: 22 Jun 2019 05:04

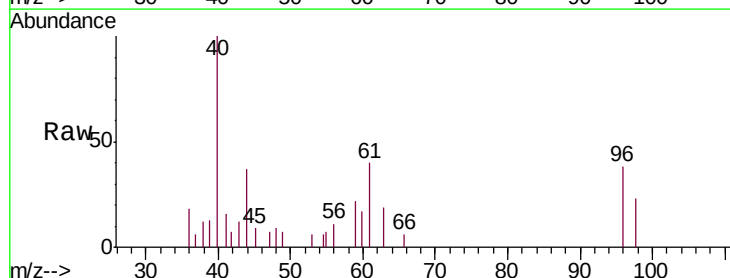
Tgt Ion: 96 Resp: 1163

Ion Ratio Lower Upper

96 100

61 106.8 109.3 203.1#

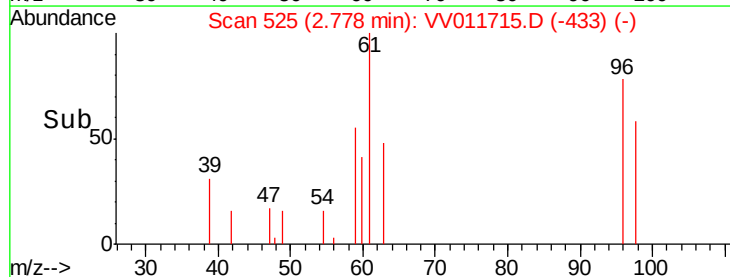
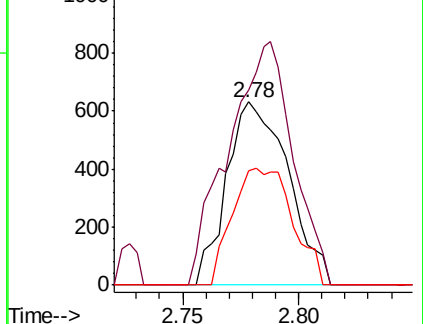
98 62.3 44.6 82.8

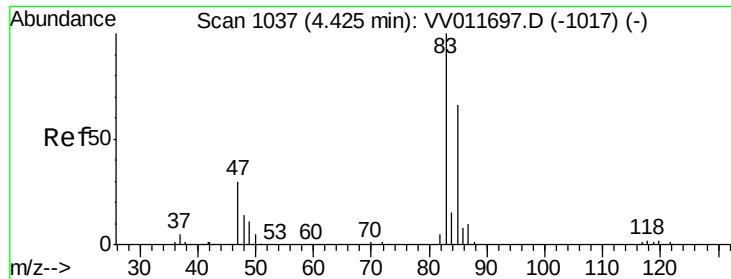


Abundance Ion 96.00 (95.70 to 96.70): VV011697.D (-513) (-)

Ion 61.05 (60.75 to 61.75): VV011697.D (-513) (-)

Ion 97.95 (97.65 to 98.65): VV011697.D (-513) (-)

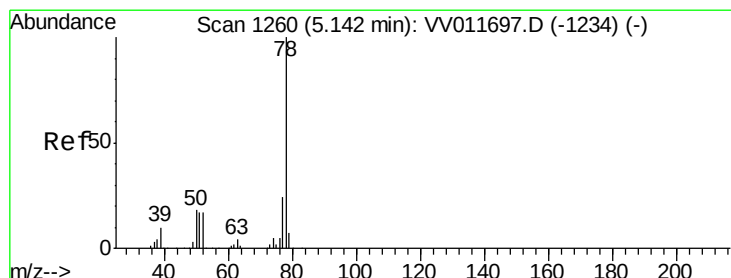
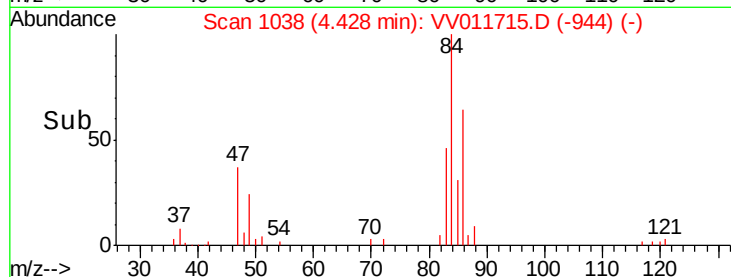
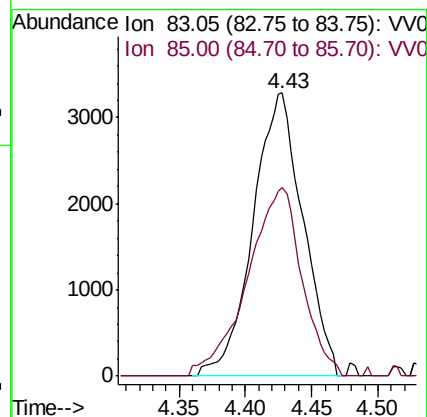
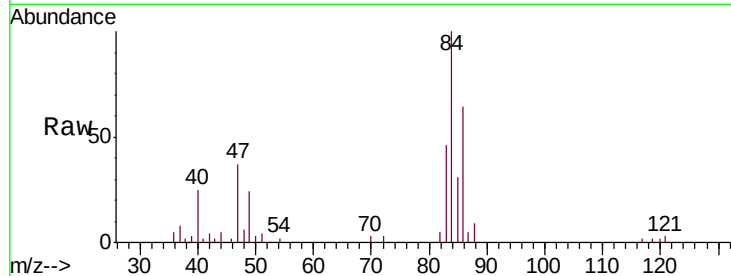




#25
Chloroform
Concen: 0.349 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV011715.D
Acq: 22 Jun 2019 05:04

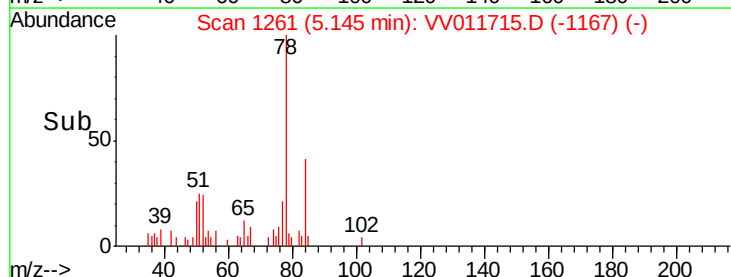
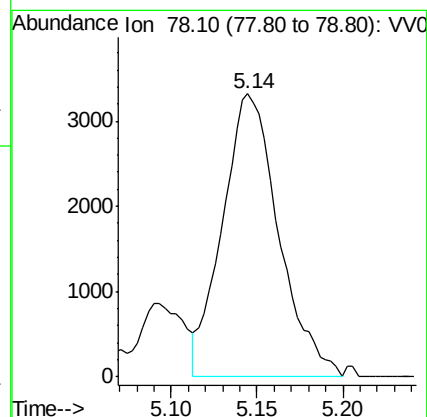
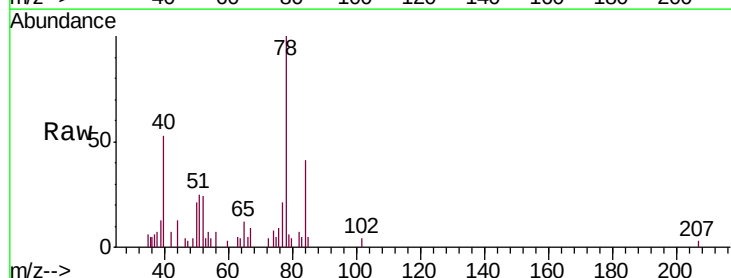
Instrument :
MSVOA_V
ClientSampled :
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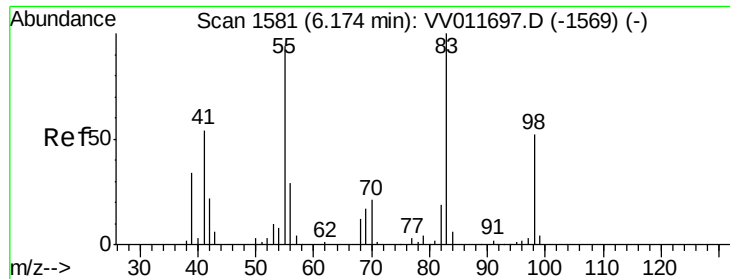
Tgt Ion: 83 Resp: 8629
Ion Ratio Lower Upper
83 100
85 66.4 47.0 87.2



#33
Benzene
Concen: 0.154 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. 0.00 min
Lab File: VV011715.D
Acq: 22 Jun 2019 05:04

Tgt Ion: 78 Resp: 7569

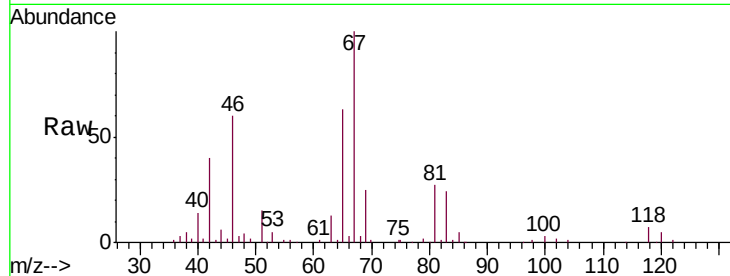




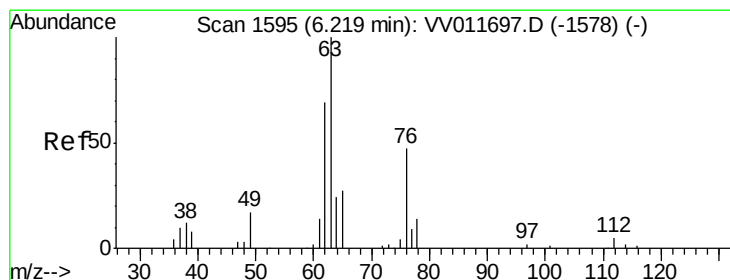
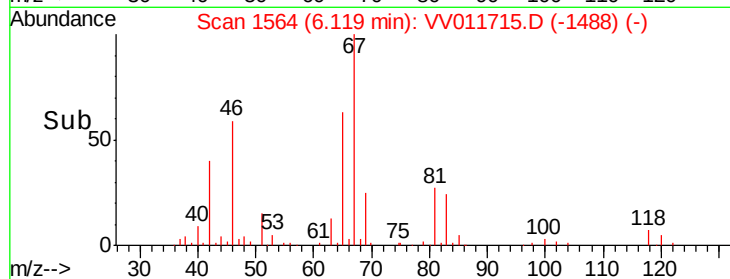
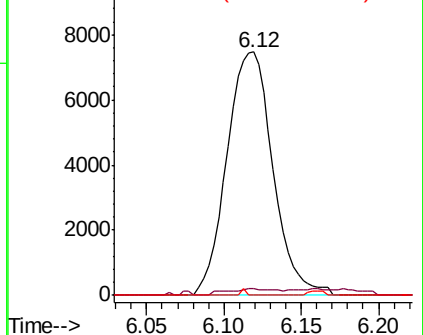
#35
Methylcyclohexane
Concen: 0.732 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV011715.D
Acq: 22 Jun 2019 05:04

Instrument :
MSVOA_V
ClientSampleId :
YAP07

Tgt Ion: 83 Resp: 15428
Ion Ratio Lower Upper
83 100
55 0.5 69.4 104.2#
98 0.3 40.2 60.4#

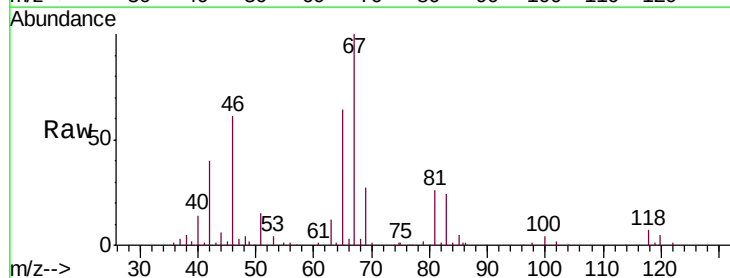


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

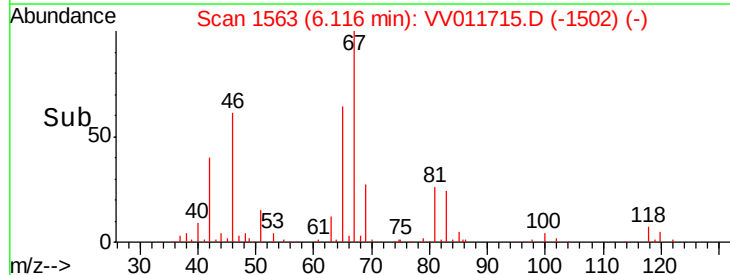
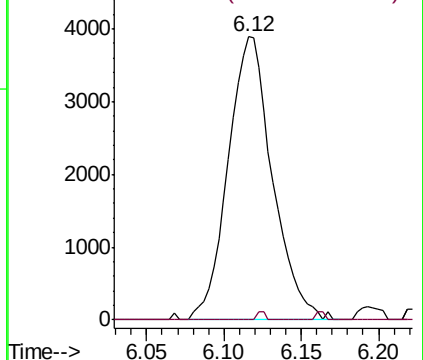


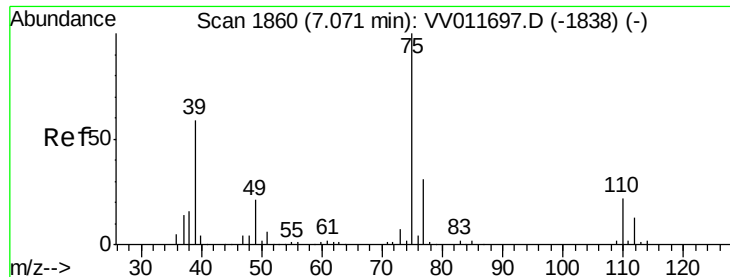
#37
1,2-Dichloropropane
Concen: 0.619 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011715.D
Acq: 22 Jun 2019 05:04

Tgt Ion: 63 Resp: 7737
Ion Ratio Lower Upper
63 100
112 0.5 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

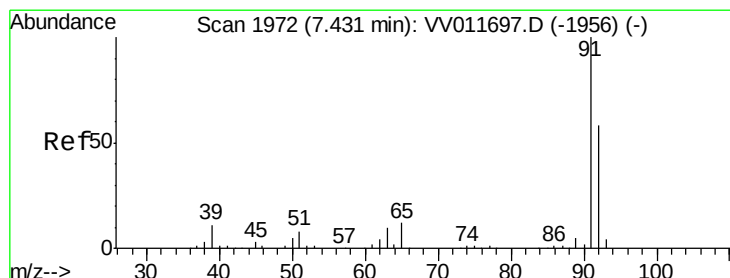
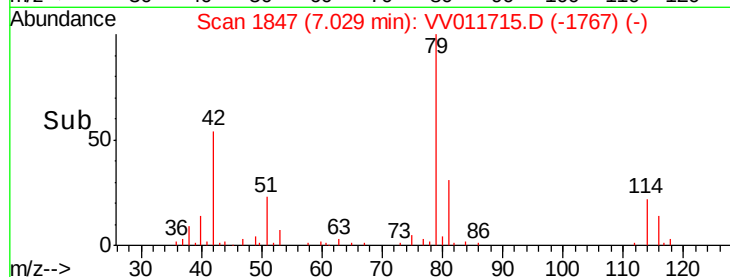
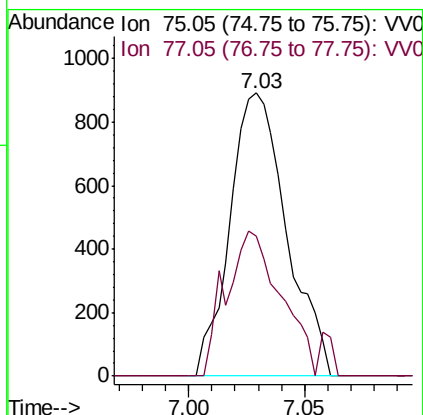
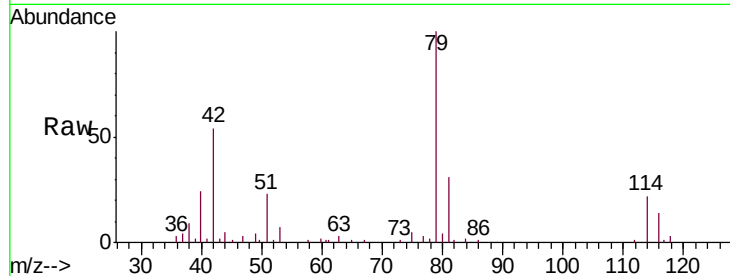




#39
 cis-1,3-Dichloropropene
 Concen: 0.092 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011715.D
 Acq: 22 Jun 2019 05:04

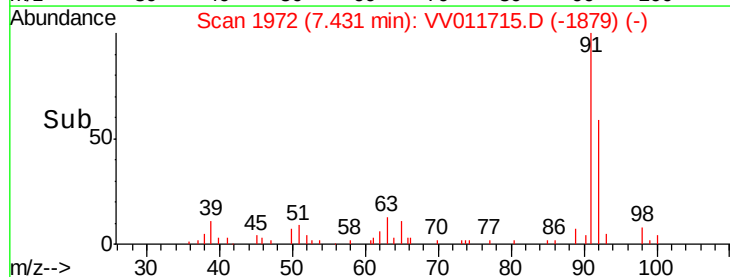
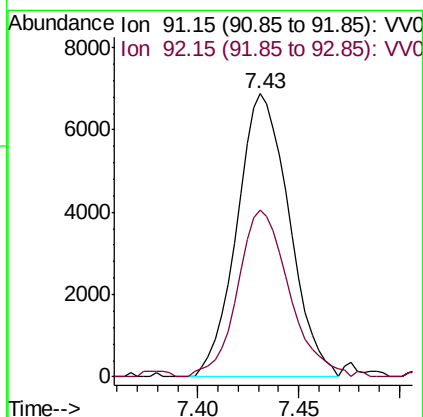
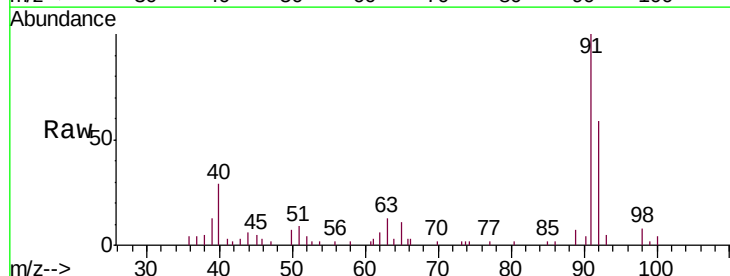
Instrument :
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 ClientSampleId :
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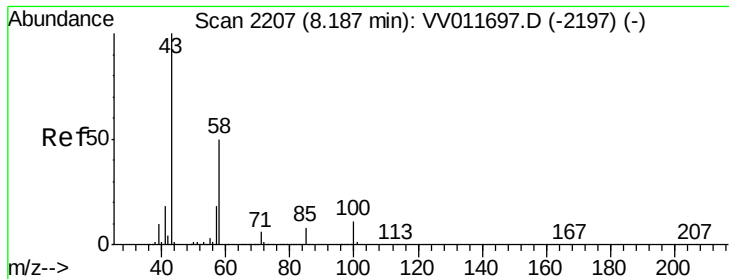
Tgt Ion: 75 Resp: 1516
 Ion Ratio Lower Upper
 75 100
 77 49.4 22.4 41.6#



#42
 Toluene
 Concen: 0.242 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VV011715.D
 Acq: 22 Jun 2019 05:04

Tgt Ion: 91 Resp: 12431
 Ion Ratio Lower Upper
 91 100
 92 58.9 40.3 74.9

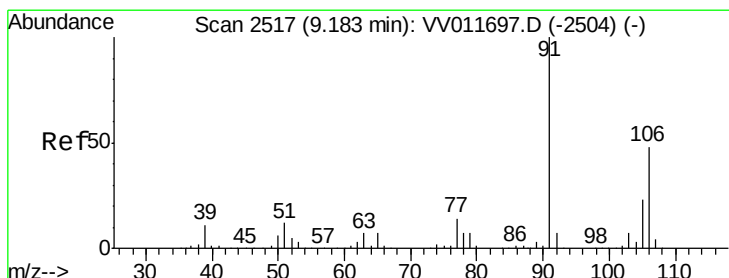
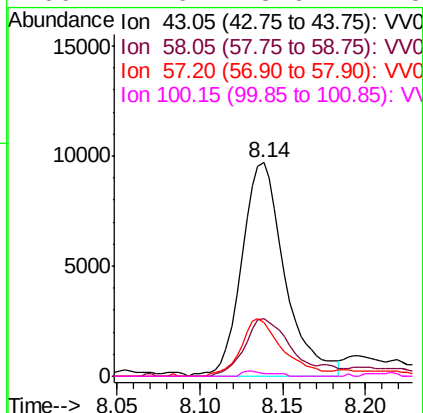
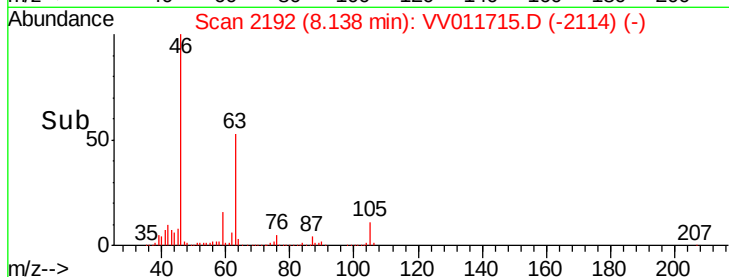
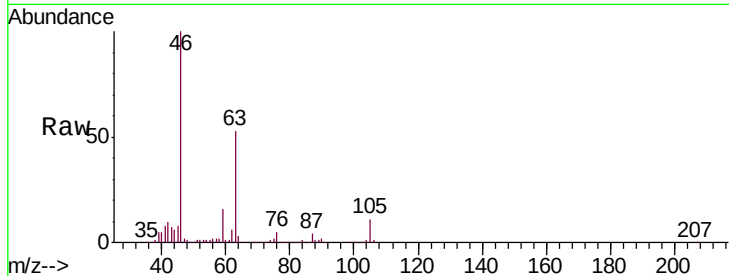




#48
2-Hexanone
Concen: 3.168 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.05 min
Lab File: VV011715.D
Acq: 22 Jun 2019 05:04

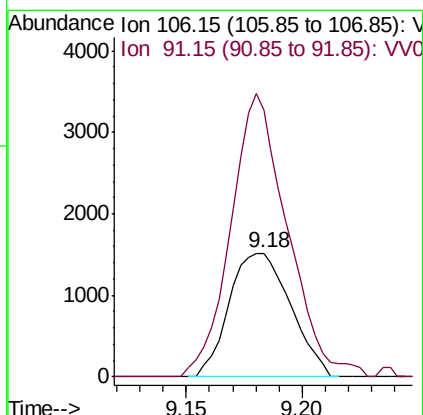
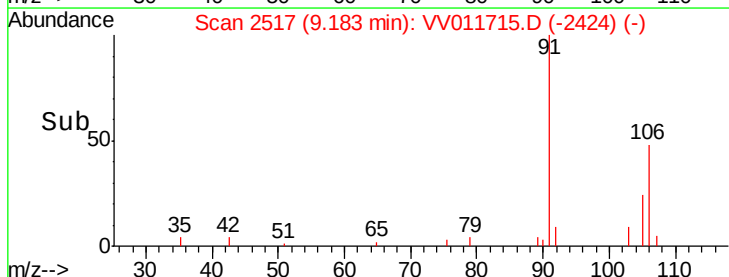
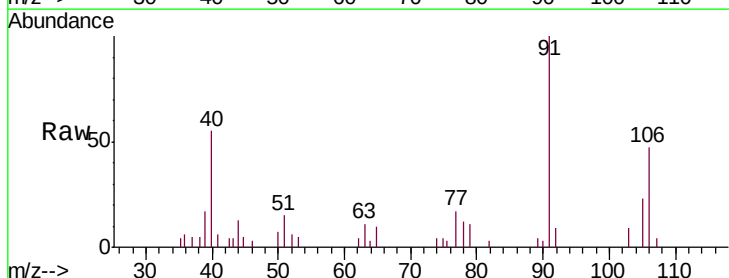
Instrument :
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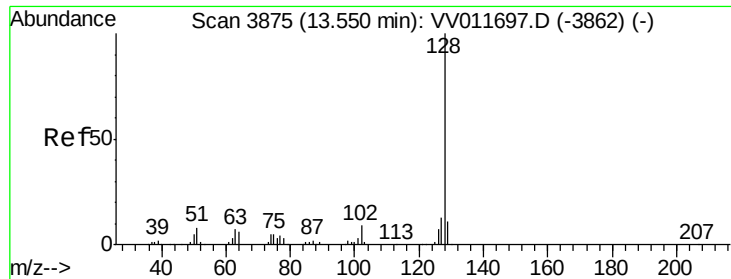
Tgt Ion: 43 Resp: 17461
Ion Ratio Lower Upper
43 100
58 27.8 40.1 60.1#
57 26.3 14.4 21.6#
100 1.6 8.6 12.8#



#53
m,p-xylene
Concen: 0.134 ug/L
RT: 9.18 min Scan# 2517
Delta R.T. -0.00 min
Lab File: VV011715.D
Acq: 22 Jun 2019 05:04

Tgt Ion: 106 Resp: 2794
Ion Ratio Lower Upper
106 100
91 215.0 144.9 269.1





#69

Naphthalene

Concen: 0.073 ug/L

RT: 13.55 min Scan# 3876

Delta R.T. 0.00 min

Lab File: VV011715.D

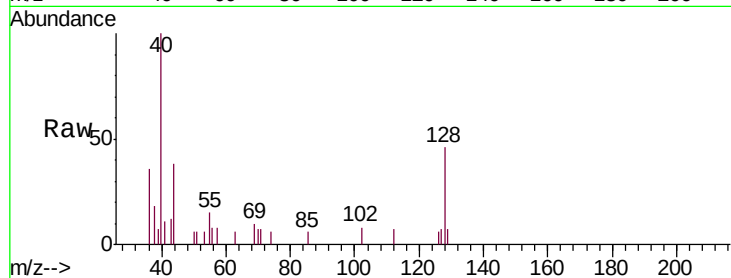
Acq: 22 Jun 2019 05:04

Instrument :

MSVOA_V

ClientSampleId :

YAP07



Tgt Ion:128 Resp: 1388

Ion Ratio Lower Upper

128 100

129 5.3 8.7 13.1#

127 6.6 10.5 15.7#

